

Information Management & Dissemination Centre

CATALOG OF CSIR-NML ARCHIVE

MFN: 0001ARCHIV.MST

Author: Nijhawan, BR; Gupte, PK
Title: Manufacture of sponge iron
Source: D NML/IRM
Report No: LR02
Location: B/C/1/B/49/1
Keywords: Sponge Iron
Year: 1949

MFN: 0002ARCHIV.MST

Author: Narayaswamy, CV; Nijhawan, BR
Title: Effect of manganese on steel
Source: D NML/IRM
Report No: LR03
Location: B/C/1/B/49/1
Keywords: Manganese Steels
Year: 1949

MFN: 0003ARCHIV.MST

Author: Narayanan, PIA
Title: Separation of magnesite, dolomite and siliceous minerals from <Limestone>, By ore-dressing methods
Source: D NML/IRM
Report No: LR03
Location: B/C/1/B/49/1
Keywords: Beneficiation
Year: 1949

MFN: 0004ARCHIV.MST

Author: Srikantiah, BS; Nijhawan, BR
Title: Production of aluminium-silicon alloys
Source: D NML/IRM
Report No: LR04
Location: B/C/1/B/49/1
Keywords: Aluminum Silicon
Year: 1949

MFN: 0005ARCHIV.MST

Author: Srikantiah, BS; Nijhawan, BR
Title: High temperature alloys for gas turbines
Source: D NML/IRM
Report No: LR05
Location: B/C/1/B/49/1
Keywords: Heat resistant alloys; Gas turbine engines
Year: 1949

MFN: 0006ARCHIV.MST

Author: Srikantiah, BS; Nijhawan, BR
Title: Diamond and carbide dies for drawing fine wire
Source: D NML/IRM
Report No: LR06
Location: B/C/1/B/49/1
Keywords: Wire Drawing
Year: 1949

MFN: 0007ARCHIV.MST

Author: Banerjee, T; Chakraborty, HK
Title: Production of high purity <electrolytic> manganese dioxide
Source: D NML/IRM
Report No: LR07
Location: B/C/1/B/49/1

Keywords: Manganese

Year: 1949

MFN: 0008ARCHIV.MST

Author: Narayanan, PIA; Mathur, GP

Title: Manufacture of <zinc oxide> from zinc sulphide flotation concentrates

Source: D NML/IRM

Report No: LR11

Location: B/C/1/B/49/1

Keywords: Flotation; Zinc Ores; Ores

Year: 1949

MFN: 0009ARCHIV.MST

Author: Banerjee, T

Title: Electrolytic manganese

Source: D NML/IRM

Report No: LR12

Location: B/C/1/B/49/1

Keywords: Manganese

Year: 1949

MFN: 0010ARCHIV.MST

Author: Banerjee, T; Kar, BC

Title: Insoluble anodes

Source: D NML/IRM

Report No: LR14

Location: B/C/1/B/49/1

Keywords: Anodes

Year: 1949

MFN: 0011ARCHIV.MST

Author: Chakraborty, PB

Title: Method for estimation of beryllium oxide in beryl
Source: D NML/IRM
Report No: RR02
Location: B/C/1/B/49/2
Keywords: Beryllium
Year: 1949

MFN: 0012ARCHIV.MST

Author: Sachs, George
Title: Survey report on the suitability of <American> steelmaking practices for Indian conditions
Source: D NML/IRM
Report No: SR06
Location: B/C/1/B/49/2
Keywords: Steel making
Year: 1949

MFN: 0013ARCHIV.MST

Author: Krishnan, AA
Title: Powder metallurgy - the science and its scope in India
Source: D NML/IRM
Report No: SR07
Location: B/C/1/B/49/2
Keywords: Powder Metallurgy
Year: 1949

MFN: 0014ARCHIV.MST

Author: Chatterjee, AB; Nijhawan, BR; Contractor, GP
Title: Formation of hair line cracks in steels
Source: D NML/IRM
Report No: LR16
Location: B/C/1/B/50/1

Keywords: Steels; Cracks

Year: 1950

MFN: 0015ARCHIV.MST

Author: Kapoor, AN; Nijhawan, BR

Title: Nitralloy steel and nitriding

Source: D NML/IRM

Report No: LR19

Location: B/C/1/B/50/1

Keywords: Nitriding

Year: 1950

MFN: 0016ARCHIV.MST

Author: Khanna, MN; Nijhawan, BR

Title: Characteristics of foundry moulding sands

Source: D NML/IRM

Report No: LR22

Location: B/C/1/B/50/1

Keywords: Sand Molding

Year: 1950

MFN: 0017ARCHIV.MST

Author: Ranganathan, S; Nijhawan, BR

Title: Manufacture of stainless steel powder

Source: D NML/IRM

Report No: LR24

Location: B/C/1/B/50/1

Keywords: Metal powders

Year: 1950

MFN: 0018ARCHIV.MST

Author: Refractories Divn.

Title: Porosity in refractories
Source: D NML/IRM
Report No: LR28
Location: B/C/1/B/50/1
Keywords: Refractories
Year: 1950

MFN: 0019ARCHIV.MST

Author: Refractories Division
Title: Superduty insulating refractories
Source: D NML/IRM
Report No: LR31
Location: B/C/1/B/50/1
Keywords: Refractories
Year: 1950

MFN: 0020ARCHIV.MST

Author: Singh, Rabindar
Title: Refractories in ferrous and non-ferrous industries
Source: D NML/IRM
Report No: LR32
Location: B/C/1/B/50/1
Keywords: Refractories
Year: 1950

MFN: 0021ARCHIV.MST

Author: Chakraborty, HK; Banerjee, T
Title: Studies on corrosion of stainless steel: Part I: Corrosion of certain alloy steels in silver refinery liquid under specified conditions
Source: D NML/IRM
Report No: RR03
Location: B/C/1/B/50/1

Keywords: Corrosion; Stainless Steels

Year: 1950

MFN: 0022ARCHIV.MST

Author: Bhatnagar, PP; Banerjee, T

Title: Aluminium-silicon alloys

Source: DNML/IRM

Report No: RR06

Location: B/C/1/B/50/1

Keywords: Alloys; Aluminum; Silicon

Year: 1950

MFN: 0023ARCHIV.MST

Author: Bhatnagar, SS; Nijhawan, BR

Title: Chemical polishing of aluminium

Source: DNML/IRM

Report No: RR06

Location: B/C/1/B/50/1

Keywords: Finishing

Year: 1950

MFN: 0024ARCHIV.MST

Author: Mathur, GP; Banerjee, SK

Title: Washing tests with <Noamundi> soft iron ore (<hematite>) - PIA Narayanan

Source: D NML/IRM

Report No: IR01

Location: B/C/1/C/51/1

Keywords: Iron Ores; Hematite

Year: 1951

MFN: 0025ARCHIV.MST

Author: Staff of Ore Dressing Division

Title: Pilot plant spinal test with soft and hard <Kittaburu><chrome ores>
Source: D NML/IRM
Report No: IR02
Location: B/C/1/C/51/1/
Keywords: Chromium Ores; Ores
Year: 1951

MFN: 0026ARCHIV.MST

Author: Staff of Ore Dressing Division
Title: Batch humphrey's tests with soft and hard <Kittaburu><chrome ores>
Source: D NML/IRM
Report No: IR03
Location: B/C/1/C/51/1
Keywords: Ores; Chromium Ores
Year: 1951

MFN: 0027ARCHIV.MST

Author: Pradhan, VS; Iyengar, BV; Narayanan, PIA
Title: Beneficiation of low grade Manganese ore from <Kachidhana>
mines,<Madhya Pradesh>
Source: D NML/IRM
Report No: IR04
Location: B/C/1/C/51/1
Keywords: Beneficiation; Ores; Manganese Ores
Year: 1951

MFN: 0028ARCHIV.MST

Author: Halder, B; Krishnan, AA
Title: Study of the influencing factors on the magnetic props of Fe-base alloys
Source: D NML/IRM
Report No: LR04
Location: B/C/1/C/51/1

Keywords: Ferroalloys

Year: 1951

MFN: 0029ARCHIV.MST

Author: Krishnan, AA

Title: Permanent magnets and permanent magnet research

Source: D NML/IRM

Report No: LR08

Location: B/C/1/C/51/1

Keywords: Permanent Magnets

Year: 1951

MFN: 0030ARCHIV.MST

Author: Contractor, GP; Paranjpe , VG

Title: Transformation in steel isothermal during continuous cooling

Source: D NML/IRM

Report No: LR10

Location: B/C/1/C/51/1

Keywords: Isothermal steels; cooling

Year: 1951

MFN: 0031ARCHIV.MST

Author: Das, BN; Mitra, MS

Title: Elastic constants of metals and alloys

Source: D NML/IRM

Report No: LR11

Location: B/C/1/C/51/1

Keywords: Elastic Constants

Year: 1951

MFN: 0032ARCHIV.MST

Author: Das, BN; Mitra, MS

Title: Factors influencing young's modulus of metals
Source: D NML/IRM
Report No: LR21
Location: B/C/1/C/51/1
Keywords: Modulus of Elasticity
Year: 1951

MFN: 0033ARCHIV.MST

Author: Banerjee, T; Sen, BL
Title: Some <jari plating> defects their removal
Source: D NML/IRM
Report No: RR04
Location: B/C/1/C/51/2
Year: 1951

MFN: 0034ARCHIV.MST

Author: Bhatnagar, SS; Nijhawan, BR
Title: Thickness of anodic films on Al
Source: D NML/IRM
Report No: RR07
Location: B/C/1/C/51/2
Keywords: Anodic Coatings
Year: 1951

MFN: 0035ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA
Title: Flotation of sulphur from sulphur bearing clays from near <Masulipatnam>, <Madras>
Source: D NML/IRM
Report No: RR07(a)
Location: B/C/1/C/51/2
Keywords: Flotation

Year: 1951

MFN: 0036ARCHIV.MST

Author: Narayanan, PIA; Banerjee, SK

Title: Beneficiation of low-grade pyrite from <Chitaldurg>, <Mysore>

Source: D NML/IRM

Report No: RR08

Location: B/C/1/C/51/2

Keywords: Pyrite; Iron Ores

Year: 1951

MFN: 0037ARCHIV.MST

Author: Dutta, RK; Banerjee, T

Title: Recovery of Ni and Zn from Ag<refinery waste>liquid Part II: Chemical method

Source: D NML/IRM

Report No: RR09

Location: B/C/1/C/51/2

Keywords: Wastes; Recovering

Year: 1951

MFN: 0038ARCHIV.MST

Author: Mitra, MS; Vaidyanath, LR

Title: The Influence of wear-product in accelerating wear

Source: D NML/IRM

Report No: RR10

Location: B/C/1/C/51/2

Keywords: Wear

Year: 1951

MFN: 0039ARCHIV.MST

Author: Chatterjee, AR; Nijhawan, BR

Title: Effect of austenitic grain size on Ni-Cr steels
Source: D NML/IRM
Report No: RR11
Location: B/C/1/C/51/2
Keywords: Nickel Chromium Steels; Steels; Grain Size
Year: 1951

MFN: 0040ARCHIV.MST

Author: Parthasarathi, MN; Srikantiah, BS; Nijhawan, BR
Title: Some observation on the structure of spheroidal graphite in nodular cast irons
Source: D NML/IRM
Report No: RR12
Location: B/C/1/C/51/2
Keywords: Cast Iron
Year: 1951

MFN: 0041ARCHIV.MST

Author: Sen, BL; Banerjee, T
Title: Removal of sulphuretted hydrogen from <coal gas>
Source: D NML/IRM
Report No: SR01
Location: B/C/1/C/51/2
Year: 1951

MFN: 0042ARCHIV.MST

Author: Contractor, GP; Narayanan, PIA
Title: Growth of the non-ferrous metallurgical industry in <India>
Source: D NML/IRM
Report No: SR04
Location: B/C/1/C/51/2
Keywords: Nonferrous Metals Industry

Year: 1951

MFN: 0043ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA

Title: Concentration of uranium bearing flotation tailing from <Indian Copper Corporation>, <Ghatsila>

Source: D NML/IRM

Report No: IR05

Location: B/C/1/C/52/1

Keywords: Concentrating; Flotation; tailings; Copper ores

Year: 1952

MFN: 0044ARCHIV.MST

Author: Sen, MC; Narayanan, PIA

Title: Beneficiation of low grade chrome ore from <Talur>,<Mysore>

Source: D NML/IRM

Report No: IR06

Location: B/C/1/C/52/1

Keywords: Beneficiation

Year: 1952

MFN: 0045ARCHIV.MST

Author: Gupta, PK; Contractor, GP; Nijhawan, BR

Title: Thermal Beneficiation of low grade manganese ores

Source: D NML/IRM

Report No: IR08

Location: B/C/1/C/52/1

Keywords: Manganese Ores

Year: 1952

MFN: 0046ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA

Title: Beneficiation of low grade chrome ore from <Arsekere>, <Mysore>
Source: D NML/IRM
Report No: IR09
Location: B/C/1/C/52/1
Keywords: Chromium Ores
Year: 1952

MFN: 0047ARCHIV.MST

Author: Krishnan, RM; Khanna, MN; Nijhawan, BR
Title: Moulding sands for piston ring castings
Source: D NML/IRM
Report No: IR10
Location: B/C/1/C/52/1
Keywords: Piston rings; Sand Casting
Year: 1952

MFN: 0048ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA
Title: Concentration of low grade wolfram from <Degana>, <Rajasthan>
Source: D NML/IRM
Report No: IR11
Location: B/C/1/C/52/1
Keywords: Tungsten Ores
Year: 1952

MFN: 0049ARCHIV.MST

Author: Manocha, R; Bhatnagar, PP; Banerjee, T
Title: Interim note on the preparation of titanium from titanium tetrachloride by Kroll's process
Source: D NML/IRM
Report No: IR13
Location: B/C/1/C/52/1

Keywords: Titanium

Year: 1952

MFN: 0050ARCHIV.MST

Author: Sen, MC; Narayanan, PIA

Title: Beneficiation of low grade pyrite from <Karwar>, Ratnagiri District, <Maharashtra>.

Source: D NML/IRM

Report No: IR14

Location: B/C/1/C/52/1

Keywords: Pyrite; Beneficiation

Year: 1952

MFN: 0051ARCHIV.MST

Author: Tandon, DS; Banerjee, T

Title: Cr and nickel plating on Al - Part 1

Source: DNML/IRM

Report No: RR13

Location: B/C/1/C/52/2

Keywords: Nickel Plating; Finishing

Year: 1952

MFN: 0052ARCHIV.MST

Author: Chatterjee, AB; Contractor, GP; Nijhawan, BR

Title: Production of <low carbon> ferro-chrome

Source: D NML/IRM

Report No: RR15

Location: B/C/1/C/52/1

Keywords: Ferrochromium

Year: 1952

MFN: 0053ARCHIV.MST

Author: Chatterjee, AB; Contractor, GP; Nijhawan, BR
Title: Production of low carbon ferrochrome
Source: DNML/IRM
Report No: RR15
Location: B/C/1/C/52/2
Keywords: Ferrochromium
Year: 1952

MFN: 0054ARCHIV.MST

Author: Ray, SK; Banerjee, T
Title: Studies on electro-deposition of brass from a non-cyanide bath (Part I)
Source: D NML/IRM
Report No: RR16
Location: B/C/1/C/52/1
Keywords: Electrodeposition
Baths
Year: 1952

MFN: 0055ARCHIV.MST

Author: Manocha, R; Bhatnagar, PP
Title: Utilisation of Iron Blast Furnace slag
Source: DNML/IRM
Report No: SR08
Location: B/C/1/C/52/2
Keywords: Slags; Blast Furnaces
Year: 1952

MFN: 0056ARCHIV.MST

Author: Narayanan, PIA
Title: Training of personnel for the mineral dressing industry in India
Source: DNML/IRM
Report No: SR09

Location: B/C/1/C/52/2

Keywords: Training

Year: 1952

MFN: 0057ARCHIV.MST

Author: Contractor, GP

Title: Some observations on training of a metallurgist

Source: DNML/IRM

Report No: SR10

Location: B/C/1/C/52/2

Keywords: Training

Year: 1952

MFN: 0058ARCHIV.MST

Author: Chatterjee, BD; Narasimhan, JB; Narayanan, PIA

Title: Beneficiation of low grade uranium ore from the <atomic energy commission> (mark 'MM')

Source: D NML/IRM

Report No: IR15

Location: B/C/1/D/53/1

Keywords: Beneficiation; Uranium Ores

Year: 1953

MFN: 0059ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA

Title: Beneficiation of low grade uranium ore from the atomic energy commission (mark No.1)

Source: D NML/IRM

Report No: IR16

Location: B/C/1/D/53/1

Keywords: Beneficiation; Uranium ores; Ores

Year: 1953

MFN: 0060ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA
Title: Beneficiation of auriferous pyrite from Wynaad, <Nilgiris>
Source: D NML/IRM
Report No: IR17
Location: B/C/1/D/53/1
Keywords: Beneficiation
Year: 1953

MFN: 0061ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA
Title: Beneficiation of low grade cassiterite ore from <Ranchi>, <Bihar>
Source: D NML/IRM
Report No: IR20
Location: B/C/1/D/53/1
Keywords: Beneficiation; Cassiterite
Year: 1953

MFN: 0062ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA
Title: Beneficiation of low grade uranium ore from the <Atomic Energy Commission>
Source: D NML/IRM
Report No: IR21
Location: B/C/1/D/53/1
Keywords: Beneficiation; Uranium Ores; Ores
Year: 1953

MFN: 0063ARCHIV.MST

Author: Subramanyan, NN; Narayanan, PIA
Title: Beneficiation of low grade manganese ore from <Mansar> mines, <Madhya Pradesh>
Source: D NML/IRM

Report No: IR22

Location: B/C/1/D/53/1

Keywords: Beneficiation; Manganese Ores; Ores

Year: 1953

MFN: 0064ARCHIV.MST

Author: Narayanan, PIA; Krishnaswamy, DS

Title: Separation of ilmenite from beach sands of <Ratnagiri Coast>, <Bombay>, <Maharashtra>

Source: D NML/IRM

Report No: IR24

Location: B/C/1/D/53/1

Keywords: Separation Sand; Ilmenite

Year: 1953

MFN: 0065ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA

Title: Beneficiation of low grade uranium ore from the <Atomic Energy Commission> (mark KS\3-B)

Source: D NML/IRM

Report No: IR26

Location: B/C/1/D/53/1

Keywords: Beneficiation; Uranium Ores; Ores

Year: 1953

MFN: 0066ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA

Title: Beneficiation of low grade pyrite from <Amjor>, <Bihar>

Source: D NML/IRM

Report No: IR27

Location: B/C/1/D/53/1

Keywords: Beneficiation; Pyrite; Ores

Year: 1953

MFN: 0067ARCHIV.MST

Author: Pradhan, VS; Subramanyan, NN; Narayanan, PIA

Title: Beneficiation of low-grade manganese ore from <Tirodi> Mines, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR28

Location: B/C/1/D/53/1

Keywords: Beneficiation; Manganese Ores; Ores

Year: 1953

MFN: 0068ARCHIV.MST

Author: Krishnan, AA; Prakash, Ved; Contractor, GP

Title: Study of the system iron-manganese-aluminium and its alloys

Source: D NML/IRM

Report No: LR16

Location: B/C/1/D/53/3

Keywords: Alloys; Iron; Manganese; Aluminum

Year: 1953

MFN: 0069ARCHIV.MST

Author: Rao, Ramakrishna M; Singh, Rabindar

Title: Bibliography on forstenite refractories

Source: D NML/IRM

Report No: LR17

Location: B/C/1/D/53/3

Keywords: Refractories

Year: 1953

MFN: 0070ARCHIV.MST

Author: Bucknall, EH

Title: Steels for pre-stressed concrete construction

Source: D NML/IRM
Report No: Papers
Location: B/C/1/D/53/1
Keywords: Steels
Year: 1953

MFN: 0071ARCHIV.MST

Author: Chakraborty, PB; Banerjee, T
Title: Studies on the electrolytic preparation of beryllium oxides from beryl
Source: DNML/IRM
Report No: RR20
Location: B/C/1/D/53/2
Keywords: Beryllium
Year: 1953

MFN: 0072ARCHIV.MST

Author: Kapoor, AN; Chatterjee, AB; Nijhawan, BR
Title: Aluminising of steel
Source: D NML/IRM
Report No: RR22
Location: B/C/1/D/53/2
Keywords: Steels
Year: 1953

MFN: 0073ARCHIV.MST

Author: Rao, MRK; Murthy, HPS
Title: Superduty insulation refractories Part I: Study of bladed kyanite at elevated temperature
Source: D NML/IRM
Report No: RR24
Location: B/C/1/C/53/2
Keywords: Refractories

Year: 1953

MFN: 0074ARCHIV.MST

Author: Krishnan, AA; Prakash, Ved

Title: High temperature oxidation characteristics of some manganese-aluminium steels

Source: D NML/IRM

Report No: RR25

Location: B/C/1/D/53/2

Keywords: Steels

Year: 1953

MFN: 0075ARCHIV.MST

Author: Rao, Ramakrishna M; Singh, Rabindar

Title: Investigation into the suitability of indigenous magnesium-silicate rocks for the production of basic refractories (Part I)

Source: D NML/IRM

Report No: RR27

Location: B/C/1/D/53/2

Keywords: Refractories

Year: 1953

MFN: 0076ARCHIV.MST

Author: Banerjee, T

Title: Electrolytic products of high purity manganese metal manganese dioxide

Source: D NML/IRM

Report No: SR13

Location: B/C/1/D/53/3

Keywords: Electrochemistry; Manganese

Year: 1953

MFN: 0077ARCHIV.MST

Author: Roy Chowdhury, KP; Moorthy, VL; Singh, Rabindar

Title: Production of dolomite refractories
Source: D NML/IRM
Report No: SR15
Location: B/C/1/D/53/3
Keywords: Dolomite; Refractories
Year: 1953

MFN: 0078ARCHIV.MST

Author: Chakraborty, PB
Title: Chemical process for recovery of beryllium oxide from Bengal on Semi
<Pilot Plant> scale
Source: D NML/IRM
Report No: SR16
Location: B/C/1/D/53/3
Keywords: Recovery; Beryllium
Year: 1953

MFN: 0079ARCHIV.MST

Author: Sen, MC; Narayanan, PIA
Title: Beneficiation of low-grade uranium ore from the <Atomic energy
commission>
Source: D NML/IRM
Report No: IR29
Location: B/C/1/D/54/1
Keywords: Uranium ores; Beneficiation
Year: 1954

MFN: 0080ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA
Title: Beneficiation of low-grade manganese ore fines from <Shivrajpur
Syndicate>, <Bombay>, <Maharashtra>
Source: D NML/IRM
Report No: IR30

Location: B/C/1/D/54/1

Keywords: Beneficiation; Manganese ores

Year: 1954

MFN: 0081ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA

Title: Beneficiation of low-grade uranium ore from the <Atomic energy commission>

Source: D NML/IRM

Report No: IR31

Location: B/C/1/D/54/1

Keywords: Beneficiation; Uranium ores

Year: 1954

MFN: 0082ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA

Title: Beneficiation of <phosphate rock> employing batch as well as pilot plant tests

Source: D NML/IRM

Report No: IR32

Location: B/C/1/D/54/1

Keywords: Beneficiation

Year: 1954

MFN: 0083ARCHIV.MST

Author: Subramanyan, NN; Krishnaswamy, DS

Title: Concentration of ilmenite sand from UDI and REEL Village, Ratnagiri Coast, <Bombay>, <Maharashtra>

Source: D NML/IRM

Report No: IR35

Location: B/C/1/D/54/1

Keywords: Ilmenite; Titanium ores

Year: 1954

MFN: 0084ARCHIV.MST

Author: Krishnaswamy, R; Narayanan, PIA
Title: Continuous beneficiation testing of low grade Uranium ore from Jadugoda
Source: DNML/IRM
Report No: IR36
Location: B/C/1/D/54/1
Keywords: Beneficiation; Uranium ores
Year: 1954

MFN: 0085ARCHIV.MST

Author: Das Gupta, PK; Narayanan, PIA
Title: Recovery of radioactive minerals form the slimes of the I.C.C. flotation tailing
Source: D NML/IRM
Report No: IR37
Location: B/C/1/D/54/1
Keywords: Minerals; Tailings; Radioactive
Year: 1954

MFN: 0086ARCHIV.MST

Author: Das Gupta, PK; Narayanan, PIA
Title: Experiments on controlled grinding of I.C.C. copper ore to reduce the quantity of slime
Source: D NML/IRM
Report No: IR38
Location: B/C/1/D/54/1
Keywords: Grinding; Copper Ores
Year: 1954

MFN: 0087ARCHIV.MST

Author: Krishnan, R.; Khanna, MN; Nijhawan, BR
Title: Bonding characteristics of fullbonds and scope for development of indigenous Fullers' Earth

Source: D NML/IRM
Report No: IR39
Location: B/C/1/D/54/1
Keywords: Fullers earth
Year: 1954

MFN: 0088ARCHIV.MST

Author: Subramanya, GV; Narayanan, MA
Title: Beneficiation of low-grade manganese ore (Elluvial) from Kodur Mines, <Andhra Pradesh>
Source: D NML/IRM
Report No: IR40
Location: B/C/1/D/54/1
Keywords: Manganese ores; Beneficiation
Year: 1954

MFN: 0089ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA
Title: Studies on the beneficiation of ferruginous manganese ore: Part I Magnetising reduction roast and washing
Source: D NML/IRM
Report No: IR41
Location: B/C/1/D/54/1
Keywords: Beneficiation; Manganese ores
Year: 1954

MFN: 0090ARCHIV.MST

Author: Subramanya, GV; Das Gupta, SB; Narayanan, PIA
Title: Beneficiation of low-grade bed ore of manganese from Kodur Mines, <Andhra Pradesh>
Source: D NML/IRM
Report No: IR42
Location: B/C/1/D/54/1

Keywords: Beneficiation; Manganese ores

Year: 1954

MFN: 0091ARCHIV.MST

Author: Krishnaswamy, DS; Subramanyan, NN; Narayanan, PIA

Title: Beneficiation of a ferrous manganese ore from Nagri-Joida, North Kanara, <Bombay>, <Maharashtra>

Source: D NML/IRM

Report No: IR43

Location: B/C/1/D/54/1

Keywords: Beneficiation; Manganese ores

Year: 1954

MFN: 0092ARCHIV.MST

Author: Banerjee, T; Narayanan, PIA

Title: Recovery of pyrite from the <coal washery> rejects from <Nowrozabad>

Source: D NML/IRM

Report No: IR45

Location: B/C/1/D/54/1

Keywords: Pyrite; Recovery

Year: 1954

MFN: 0093ARCHIV.MST

Author: Subramanyan, NN; Narayanan, PIA

Title: Beneficiation of quartzite to make it suitable for foundry moulding purposes

Source: D NML/IRM

Report No: IR48

Location: B/C/1/D/54/1

Keywords: Beneficiation; Quartzites

Year: 1954

MFN: 0094ARCHIV.MST

Author: Bhatnagar, SP; Banerjee, T
Title: Vacuum - a new tool in extractive metallurgy
Source: D NML/IRM
Report No: LR25
Location: B/C/1/D/54/1
Keywords: Extractive Metallurgy
Year: 1954

MFN: 0095ARCHIV.MST

Author: Chatterjee, AB; Nijhawan, BR
Title: Thermodynamic aspects of chemical reactions as applied to the smelting and refining of lead
Source: D NML/IRM
Report No: LR27
Location: B/C/1/D/54/1
Keywords: Lead; Smelting; Refining
Year: 1954

MFN: 0096ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA
Title: Concentration of <Swarnarekha> river sand for steel foundry purposes
Source: D NML/IRM
Report No: LR44
Location: B/C/1/D/54/1
Keywords: Sand; Foundry
Year: 1954

MFN: 0097ARCHIV.MST

Author: Manocha, R; Bhatnagar, PP; Banerjee, T
Title: Preparation of titanium by Kroll's process
Source: D NML/IRM
Report No: RR29

Location: B/C/1/D/54/2

Keywords: Titanium

Year: 1954

MFN: 0098ARCHIV.MST

Author: Manocha, R

Title: Studies on chlorination of ilmenite

Source: D NML/IRM

Report No: RR30

Location: B/C/1/D/54/2

Keywords: Ilmenite; Titanium ores

Year: 1954

MFN: 0099ARCHIV.MST

Author: Kar, BC

Title: Determination of small amounts of aluminium in steel by spectrochemical method

Source: D NML/IRM

Report No: RR31

Location: B/C/1/D/54/2

Keywords: Steels; Spectroscopy

Year: 1954

MFN: 0100ARCHIV.MST

Author: Banerjee, T

Title: Electrolytic alloys, Part I - structure of alloys

Source: D NML/IRM

Report No: RR32

Location: B/C/1/D/54/2

Keywords: Alloys

Year: 1954

MFN: 0101ARCHIV.MST

Author: Banerjee, T
Title: Electrolytic alloys Part II - Industrial alloy plating
Source: D NML/IRM
Report No: RR33
Location: B/C/1/D/54/2
Keywords: Alloys
Year: 1954

MFN: 0102ARCHIV.MST

Author: Chakraborty, HK; Banerjee, T
Title: Anodic oxidation of metal ions to insoluble higher oxides with special reference to manganese dioxide
Source: D NML/IRM
Report No: RR34
Location: B/C/1/D/54/2
Keywords: Anodizing; Manganese
Year: 1954

MFN: 0103ARCHIV.MST

Author: Ranganathan, S; Nijhawan, BR
Title: Iron powder by electro-deposition
Source: D NML/IRM
Report No: RR38
Location: B/C/1/D/54/2
Keywords: Electrodeposition; Iron Powders
Year: 1954

MFN: 0104ARCHIV.MST

Author: Krishnan, AA; Halder, B
Title: Some observations on sintered steel powder compacts
Source: D NML/IRM

Report No: RR39

Location: B/C/1/D/54/2

Keywords: Powder compacts

Year: 1954

MFN: 0105ARCHIV.MST

Author: Sen, Sudhir; Singh, Rabindar

Title: Investigation into the utilization of Chaibassa magnesite talc rock for the production of forsterite refractories

Source: D NML/IRM

Report No: RR40

Location: B/C/1/D/54/2

Keywords: Refractories

Year: 1954

MFN: 0106ARCHIV.MST

Author: Murthy, HPS; Singh, Rabindar

Title: Investigation of the production of carbon refractories from indigenous raw materials

Source: D NML/IRM

Report No: RR41

Location: B/C/1/D/54/2

Keywords: Refractories

Year: 1954

MFN: 0107ARCHIV.MST

Author: Nijhawan, BR

Title: Iron and steel industry in <Australia>

Source: D NML/IRM

Report No: SR17

Location: B/C/1/D/54/1

Keywords: Iron and steel industry

Year: 1954

MFN: 0108ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA
Title: Heavy-media separation for the concentration of minerals
Source: D NML/IRM
Report No: SR18
Location: B/C/1/D/54/1
Keywords: Separation; Minerals
Year: 1954

MFN: 0109ARCHIV.MST

Author: Krishnan, AA
Title: Powder metallurgy technique the non-ferrous metal industry in India
Source: D NML/IRM
Report No: SR19
Location: B/C/1/D/54/1
Keywords: Powder Metallurgy
Year: 1954

MFN: 0110ARCHIV.MST

Author: Kar, BC
Title: High purity electrolytic manganese from low-grade ore as a substitute for various forms of manganese now being used in metallurgical industries
Source: D NML/IRM
Report No: SR21
Location: B/C/1/D/54/1
Keywords: Manganese
Year: 1954

MFN: 0111ARCHIV.MST

Author: Narayanan, PIA
Title: Recent researches on the dressing of low-grade manganese ores in India

Source: D NML/IRM
Report No: SR22
Location: B/C/1/D/54/1
Keywords: Manganese Ores; Ores
Year: 1954

MFN: 0112ARCHIV.MST

Author: Kar, BC
Title: Possibilities of upgrading of low-grade domestic manganese ores by hydrometallurgical methods
Source: D NML/IRM
Report No: SR29
Location: B/C/1/D/54/1
Keywords: Manganese Ores; Hydrometallurgy; Upgrading
Year: 1954

MFN: 0113ARCHIV.MST

Author: Prasad, TV; Murthy, HPS
Title: Development of graphite <crucibles> industry in India
Source: D NML/IRM
Report No: SR30
Location: B/C/1/D/54/1
Keywords: Graphite
Year: 1954

MFN: 0114ARCHIV.MST

Author: Kapoor, AN; Chatterjee, AB; Nijhawan, BR
Title: Recovery of <zinc> from dross
Source: D NML/IRM
Report No: IR49
Location: B/C/2/A/55/2
Keywords: Zinc Recovery; Dross

Year: 1955

MFN: 0115ARCHIV.MST

Author: Chatterjee, AB; Nijhawan, BR

Title: Use of beneficiation apatite for the enrichment of soluble P₂O₅ content of duplex slag, for the production of ferro-phosphorus and thermal phosphate

Source: D NML/IRM

Report No: IR50

Location: B/C/2/A/55/2

Keywords: Beneficiation; Apatite; Phosphates

Year: 1955

MFN: 0116ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA

Title: Desliming of Taljahari silica sand

Source: D NML/IRM

Report No: IR51

Location: B/C/2/A/55/2

Keywords: Sand

Year: 1955

MFN: 0117ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA

Title: Beneficiation of low grade graphite clay from Ganacharpur graphite mines, <Kolar>, <Mysore>

Source: D NML/IRM

Report No: IR52

Location: B/C/2/A/55/2

Keywords: Beneficiation; Clay; Graphite

Year: 1955

MFN: 0118ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA

Title: Recovery of gold from old tailings from Kundrakocha, <Bihar>
Source: D NML/IRM
Report No: IR53
Location: B/C/2/A/55/2
Keywords: Tailings; Recovery; Gold
Year: 1955

MFN: 0119ARCHIV.MST

Author: Mathur, GP; Subramanyan, NN; Narayanan, PIA
Title: Beneficiation of kyanite from <Mysore>
Source: D NML/IRM
Report No: IR54
Location: B/C/2/A/55/2
Keywords: Beneficiation; Kyanite
Year: 1955

MFN: 0120ARCHIV.MST

Author: Das Gupta, SB; Subramanya, GV; Narayanan, PIA
Title: Beneficiation of a ferruginous manganese ore ('D' grade) from Nagri-Joida, N.Kanara <Bombay> <Maharashtra>
Source: D NML/IRM
Report No: IR55
Location: B/C/2/A/55/2
Keywords: Beneficiation; Manganese ores
Year: 1955

MFN: 0121ARCHIV.MST

Author: Krishnan, RM; Nijhawan, BR
Title: Moulding characteristics of Rajmahal sand
Source: D NML/IRM
Report No: IR57
Location: B/C/2/A/55/2

Keywords: Molding; Sand

Year: 1955

MFN: 0122ARCHIV.MST

Author: Sen, MC; Narayanan, PIA

Title: Beneficiation of low-grade manganese ore from Sagur, <Orissa> State

Source: D NML/IRM

Report No: IR58

Location: B/C/2/A/55/2

Keywords: Beneficiation; Manganese ores

Year: 1955

MFN: 0123ARCHIV.MST

Author: Krishnan, AA

Title: New method of stripping corrosion product scales, electroplates, etc.

Source: D NML/IRM

Report No: IR59

Location: B/C/2/A/55/2

Keywords: Stripping

Year: 1955

MFN: 0124ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA

Title: Recovery of precious metals from gold and silver drosses

Source: D NML/IRM

Report No: IR60

Location: B/C/2/A/55/2

Keywords: Gold; Silver; Recovery; Dross

Year: 1955

MFN: 0125ARCHIV.MST

Author: Narayanan, MA; Subramanya, GV

Title: Beneficiation of low-grade ferruginous manganese ore from Sandur, <Mysore>
Source: D NML/IRM
Report No: IR61
Location: B/C/2/A/55/2
Keywords: Manganese ores; Beneficiation
Year: 1955

MFN: 0126ARCHIV.MST

Author: Das Gupta, SB; Narayanan, PIA
Title: Concentration of blast furnace flue dust from Tisco <Tata Steel>
Source: D NML/IRM
Report No: IR62
Location: B/C/2/A/55/2
Keywords: Flue dust
Year: 1955

MFN: 0127ARCHIV.MST

Author: Krishanan, RM; Nijhawan, BR
Title: Moulding characteristics of <Jubbulpore> Yellow sand
Source: D NML/IRM
Report No: IR64
Location: B/C/2/A/55/2
Keywords: Molding; Sand
Year: 1955

MFN: 0128ARCHIV.MST

Author: Krishanan, RM; Nijhawan, BR
Title: Bonding characteristics of K(1) bentonite received for Tata Engineering and Locomotive Company Ltd. <TELCO>
Source: D NML/IRM
Report No: IR65
Location: B/C/2/A/55/2

Keywords: Bentonite

Year: 1955

MFN: 0129ARCHIV.MST

Author: Subramanya, GV; Narayanan, PIA

Title: Beneficiation of a ferruginous chromite from <Orissa>

Source: D NML/IRM

Report No: IR66

Location: B/C/2/A/55/2

Keywords: Beneficiation; Chromium ores

Year: 1955

MFN: 0130ARCHIV.MST

Author: General Metallurgy Divn.

Title: 1-Ton cupola operation with oxygenated air blast

Source: D NML/IRM

Report No: IR67

Location: B/C/2/A/55/2

Keywords: Cupolas

Year: 1955

MFN: 0131ARCHIV.MST

Author: Krishnan, RM; Nijhawan, BR

Title: Moulding characteristics of <Jubbulpore> green sand

Source: D NML/IRM

Report No: IR68

Location: B/C/2/A/55/2

Keywords: Molding; Sand

Year: 1955

MFN: 0132ARCHIV.MST

Author: Krishnan, RM; Nijhawan, BR

Title: Moulding characteristics of <Jubbulpore> white sand
Source: D NML/IRM
Report No: IR69
Location: B/C/2/A/55/2
Keywords: Molding; Sand
Year: 1955

MFN: 0133ARCHIV.MST

Author: Sharma, UC; Krishnan, RM; Nijhawan, BR
Title: Moulding characteristics of <Allahabad> sand
Source: D NML/IRM
Report No: IR70
Location: B/C/2/A/55/2
Keywords: Molding; Sand
Year: 1955

MFN: 0134ARCHIV.MST

Author: Krishnan, RM; Nijhawan, BR
Title: Moulding characteristics of beneficiated quartzite rock sand
Source: D NML/IRM
Report No: IR71
Location: B/C/2/A/55/2
Keywords: Quartzite; Molding
Year: 1955

MFN: 0135ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA
Title: Beneficiation of low-grade manganese ore from marivalasa, Salur,
Srikakulam District, <Andhra Pradesh>
Source: D NML/IRM
Report No: IR72
Location: B/C/2/A/55/1

Keywords: Beneficiation; Manganese ores

Year: 1955

MFN: 0136ARCHIV.MST

Author: Das Gupta, SB; Subramanya, GV; Narayanan, PIA

Title: Beneficiation of a lateritic iron ore from Rajhara Pahar, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR73

Location: B/C/2/A/55/2

Keywords: Beneficiation; Iron ores

Year: 1955

MFN: 0137ARCHIV.MST

Author: Mathur, GP; Subramanya, GV; Narayanan, PIA

Title: Laboratory studies on the sintering of iron ore fines for the <Bhilai> <Madhya Pradesh>. Steel Project

Source: D NML/IRM

Report No: IR74

Location: B/C/2/A/55/2

Keywords: Sintering; Iron ores; Fines

Year: 1955

MFN: 0138ARCHIV.MST

Author: Nair, NRK; Narayanan, PIA

Title: Crushing strength of Bhanpuri Limestone for the <Bhilai> Steel Project <Madhya Pradesh>.

Source: D NML/IRM

Report No: IR75

Location: B/C/2/A/55/3

Keywords: Limestone

Year: 1955

MFN: 0139ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA
Title: Beneficiation of a laminated iron ore from Rajharapahar, <Madhya Pradesh>, for <Bhilai> Steel Project
Source: D NML/IRM
Report No: IR78
Location: B/C/2/A/55/3
Keywords: Beneficiation; Iron Ores
Year: 1955

MFN: 0140ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA
Title: Beneficiation of classifier overflow from the <Noamundi> Iron Ore Washing Plant
Source: D NML/IRM
Report No: IR79
Location: B/C/2/A/55/3
Keywords: Beneficiation; Iron ores
Year: 1955

MFN: 0141ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA
Title: Beneficiation of low grade uranium ore from Rajdah <(Rangamati)>
Source: D NML/IRM
Report No: IR80
Location: B/C/2/A/55/3
Keywords: Uranium ores; Beneficiation
Year: 1955

MFN: 0142ARCHIV.MST

Author: Das Gupta, SB
Narayanan, PIA
Title: Beneficiation of low-grade manganese ore from Balaghat, <Madhya Pradesh>, for <Bhilai> Steel Project

Source: D NML/IRM
Report No: IR81
Location: B/C/2/A/55/3
Keywords: Beneficiation; Manganese ores
Year: 1955

MFN: 0143ARCHIV.MST

Author: Krishnan, AA; Halder, B
Title: Interface energy studies of some Cu-Tin alloys containing a liquid phase
Source: DNML/IRM
Report No: RR 57
Location: B/C/2/A/55/1
Keywords: Alloys
Year: 1955

MFN: 0144ARCHIV.MST

Author: Sen, BL; Banerjee, T
Title: Improved method of utilization of high or low grade manganese ore for the preparation of pure MnSO_4 and its applications for the generation of the spent electrolytic MnSO_4 baths
Source: DNML/IRM
Report No: RR42
Location: B/C/2/A/55/1
Keywords: Manganese ores; Baths
Year: 1955

MFN: 0145ARCHIV.MST

Author: Kaushal, DD; Chatterjee, AB; Nijhawan, BR
Title: Influence of Al on the isothermal transformation and temperature range of <martensite> formation
Source: DNML/IRM
Report No: RR43
Location: B/C/2/A/55/1

Year: 1955

MFN: 0146ARCHIV.MST

Author: Chatterjee, AB; Nijhawan, BR

Title: Effect of AlN_3 precipitation in relation to grain growth in steels

Source: DNML/IRM

Report No: RR44

Location: B/C/2/A/55/1

Keywords: Steels; Grain growth

Year: 1955

MFN: 0147ARCHIV.MST

Author: Kar, BC; Gupta, MK

Title: Determination of Mg in nodular cast Fe by spectrum analysis

Source: DNML/IRM

Report No: RR45

Location: B/C/2/A/55/1

Keywords: Cast Iron; Spectroscopy

Year: 1955

MFN: 0148ARCHIV.MST

Author: Gupta, PK; Parthasarathi, MN; Nijhawan, BR

Title: Suitability of Indian pig Iron for the production of nodular cast iron

Source: DNML/IRM

Report No: RR46

Location: B/C/2/A/55/1

Keywords: Nodular iron; Cast Iron

Year: 1955

MFN: 0149ARCHIV.MST

Author: Bhatnagar, PP; Banerjee, T

Title: Studies on the preparation of titanium oxalate

Source: DNML/IRM
Report No: RR47
Location: B/C/2/A/55/1
Keywords: Titanium
Year: 1955

MFN: 0150ARCHIV.MST

Author: Sharma, RA; Bhatnagar, PP; Banerjee, T
Title: Separation of Ni and Zinc from the mixture of their salts
Source: DNML/IRM
Report No: RR48
Location: B/C/2/A/55/1
Keywords: Separation; Nickel; Zinc
Year: 1955

MFN: 0151ARCHIV.MST

Author: Dhananjayan, N; Chakraborty, HK; Banerjee, T
Title: Semi pilot plant experiments on production of electrolytic manganese
Source: DNML/IRM
Report No: RR49
Location: B/C/2/A/55/1
Keywords: Manganese; Electrolytic
Year: 1955

MFN: 0152ARCHIV.MST

Author: Das, BN; Banerjee, SK; Bucknall, EH
Title: Effect of cyclic stress on mechanical properties of steels
Source: DNML/IRM
Report No: RR52
Location: B/C/2/A/55/1
Keywords: Mechanical properties; Steels
Year: 1955

MFN: 0153ARCHIV.MST

Author: Vaidyanath, LR; Das, BN; Bucknall, EH

Title: Wear due to rolling friction

Source: DNML/IRM

Report No: RR53

Location: B/C/2/A/55/1

Keywords: Wear

Year: 1955

MFN: 0154ARCHIV.MST

Author: Das, B; Banerjee, SK

Title: Temperature dependance on youngs modulus in plain carbon steels

Source: DNML/IRM

Report No: RR54

Location: B/C/2/A/55/1

Keywords: Modulus of Elasticity; Steels

Year: 1955

MFN: 0155ARCHIV.MST

Author: Mohan J; Gupta, PK; Nijhawan, BR

Title: Direct reduction of Fe-ore to yeild usable steels

Source: DNML/IRM

Report No: RR55

Location: B/C/2/A/55/1

Keywords: Iron Ores; Reduction

Year: 1955

MFN: 0156ARCHIV.MST

Author: Prasad, TV; Murthy, HPS; Singh, Rabindar

Title: Investigations of the manufacture of graphite <crucibles>- interim report no1
Suitability of certain Indian clays as bonds for graphite crucibles

Source: DNML/IRM
Report No: RR58
Location: B/C/2/A/55/1
Keywords: Clay
Year: 1955

MFN: 0157ARCHIV.MST

Author: Banerjee, T.
Title: Survey report on <Moradabad> utensil and <cutlery> industries with special reference to Ag plating finishes
Source: DNML/IRM
Report No: SR37
Location: B/C/2/A/55/1
Keywords: Plating; Industry
Year: 1955

MFN: 0158ARCHIV.MST

Author: Rao, P Dharam; Narayanan, PIA
Title: Beneficiation of low grade chrome-ore from Boula Chromite Mines, Nuasahi, Keonjhar, <Orissa>
Source: D NML/IRM
Report No: IR100
Location: B/C/2/A/56/1
Keywords: Beneficiation; Chromium ores
Year: 1956

MFN: 0159ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA
Title: Beneficiation of low grade manganese ore from Siljora, Keonjhar District, <Orissa>
Source: D NML/IRM
Report No: IR101
Location: B/C/2/A/56/1

Keywords: Beneficiation; Manganese ores

Year: 1956

MFN: 0160ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA

Title: Purification of vermiculite from khatra, Bankura District, <West Bengal>

Source: D NML/IRM

Report No: IR102

Location: B/C/2/A/56/1

Keywords: Vermiculite; Beneficiation

Year: 1956

MFN: 0161ARCHIV.MST

Author: Das Gupta, SB; narayanan, PIA

Title: Recovery of sulphur and gold from the tailing of nundydroog mines, <Kolar>
Gold Fields, <Karnataka>

Source: D NML/IRM

Report No: IR103

Location: B/C/2/A/56/1

Keywords: Tailings; Recovery; Gold

Year: 1956

MFN: 0162ARCHIV.MST

Author: Narayanan, MA; Narayanan, PIA

Title: Attempted reduction of iron content from clay and limestone samples from
<ACC> for cement manufacture

Source: D NML/IRM

Report No: IR82

Location: B/C/2/A/56/1

Keywords: Cements

Year: 1956

MFN: 0163ARCHIV.MST

Author: Das Gupta, SB; Narayanan, PIA
Title: Beneficiation of a low grade chrome ore from Byrapur Chromite Mines, Mysore
Source: D NML/IRM
Report No: IR83
Location: \56\1
Year: 1956

MFN: 0164ARCHIV.MST

Author: Mathur, GP; Das Gupta, SB; Narayanan, PIA
Title: Concentration of germanium from a lead-zinc ore from <Nepal>
Source: D NML/IRM
Report No: IR84
Location: B/C/2/A/56/1
Keywords: Ores; Lead ores; Germanium
Year: 1956

MFN: 0165ARCHIV.MST

Author: Sharma, UC; Nijhawan, BR
Title: Bonding characteristics of bentonite 'R' received from Tata Locomotive Engineering Co.Ltd., Tatanagar <TELCO>
Source: D NML/IRM
Report No: IR86
Location: B/C/2/A/56/1
Keywords: Bentonite
Year: 1956

MFN: 0166ARCHIV.MST

Author: Sharma, UC; Nijhawan, BR
Title: Moulding characteristics of <Jubbulpore> sand received from M\s.<Mukand Iron> Steel Works Ltd.
Source: D NML/IRM

Report No: IR87

Location: B/C/2/A/56/1

Keywords: Sand; Molding

Year: 1956

MFN: 0167ARCHIV.MST

Author: Somayajulu, BV; Nijhawan, BR

Title: Moulding characteristics of <Madras> Silica sand

Source: D NML/IRM

Report No: IR88

Location: B/C/2/A/56/1

Keywords: Molding; Sand

Year: 1956

MFN: 0168ARCHIV.MST

Author: Goswami, J; Chatterjee, AB; Nijhawan, BR

Title: Efficacy of fusites in Desulphurising off-graded pig iron and comparison of mechanical properties of the treated and the untreated cast iron.

Source: D NML/IRM

Report No: IR89

Location: B/C/2/A/56/1

Keywords: Desulfurising; Pig iron

Year: 1956

MFN: 0169ARCHIV.MST

Author: Mathur, GP; Subramanya, GV; Narayanan, PIA

Title: Beneficiation of low grade manganese ore from Banswara, <Rajasthan>

Source: D NML/IRM

Report No: IR90

Location: B/C/2/A/56/1

Keywords: Beneficiation; Manganese ores

Year: 1956

MFN: 0170ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA
Title: Beneficiation of low grade manganese ore from Kamji Mine Talwara, Banswara, <Rajasthan>
Source: D NML/IRM
Report No: IR91
Location: B/C/2/A/56/1
Keywords: Beneficiation; Manganese ores
Year: 1956

MFN: 0171ARCHIV.MST

Author: Sharma, UC; Nijhawan, BR
Title: Some studies of the effect of barium chloride additions to copper
Source: D NML/IRM
Report No: IR92
Location: B/C/2/A/56/1
Keywords: Copper
Year: 1956

MFN: 0172ARCHIV.MST

Author: Subramanyan, NN; Rao, P Dharma; Narayanan, PIA
Title: Beneficiation of low grade manganese ore from Miragpur Mines, Balaghat, <Madhya Pradesh>
Source: D NML/IRM
Report No: IR93
Location: B/C/2/A/56/1
Keywords: Beneficiation; Manganese ores
Year: 1956

MFN: 0173ARCHIV.MST

Author: Das Gupta, SB; Narayanan, PIA
Title: Beneficiation of a gypsum sample from <Rajasthan>
Source: D NML/IRM

Report No: IR94

Location: B/C/2/A/56/1

Keywords: Beneficiation; Gypsum

Year: 1956

MFN: 0174ARCHIV.MST

Author: Mathur, GP; Narayanan, PIA

Title: Beneficiation of low grade graphite from Attipra, Trivandrum, <Kerala>

Source: D NML/IRM

Report No: IR95

Location: B/C/2/A/56/1

Keywords: Beneficiation; Graphite

Year: 1956

MFN: 0175ARCHIV.MST

Author: Banerjee, SK; Narayanan, PIA

Title: Beneficiation of low grade chromite from Nausahi, Keonjhar, <Orissa>

Source: D NML/IRM

Report No: IR96

Location: B/C/2/A/56/1

Keywords: Beneficiation; Chromium ores

Year: 1956

MFN: 0176ARCHIV.MST

Author: Narayanan, MA; Narayanan, PIA

Title: Beneficiation of low grade <fluorspar> from Chandidongri Mines, Durg, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR97

Location: B/C/2/A/56/1

Keywords: Beneficiation; Fluorite

Year: 1956

MFN: 0177ARCHIV.MST

Author: Somayajulu, BV; Nijhawan, BR
Title: Bonding characteristics of <Rajasthan> bentonite from M\s. Tata Locomotive Engineering Company Ltd, Tatanagar <Telco>
Source: D NML/IRM
Report No: IR98
Location: B/C/2/A/56/1
Keywords: Bentonite
Year: 1956

MFN: 0178ARCHIV.MST

Author: Somayajulu, BV; Nijhawan, BR
Title: Moulding characteristics of <Hardwar> sand
Source: D NML/IRM
Report No: IR99
Location: B/C/2/A/56/1
Keywords: Molding; Sand
Year: 1956

MFN: 0179ARCHIV.MST

Author: Sharma, RA; Chatterjee, Ab
Title: Possibilities of preparation of thorium and hafnium iodides by a new method
Source: D NML/IRM
Report No: LR39
Location: B/C/2/A/56/3
Keywords: Iodides
Year: 1956

MFN: 0180ARCHIV.MST

Author: Chatterjee, AB
Title: Production of steel by use of oxygen

Source: D NML/IRM
Report No: LR40
Location: B/C/2/A/56/3
Keywords: Steels
Year: 1956

MFN: 0181ARCHIV.MST

Author: Kar, BC; Banerjee, T
Title: Methods of hafnium and zirconium separation
Source: D NML/IRM
Report No: LR42
Location: B/C/2/A/56/3
Keywords: Separation; Hafnium; Zirconium
Year: 1956

MFN: 0182ARCHIV.MST

Author: Ranganathan, S; Nijhawan, BR
Title: Powder metallurgy industry in India: part I - Manufacture of porous metal self lubricating bearings
Source: D NML/IRM
Report No: LR44
Location: B/C/2/A/56/3
Keywords: Powder Metallurgy
Year: 1956

MFN: 0183ARCHIV.MST

Author: Rao, Bhaskar HV
Title: Superduty silica brick - A review
Source: D NML/IRM
Report No: LR45
Location: B/C/2/A/56/3
Keywords: Brick

Year: 1956

MFN: 0184ARCHIV.MST

Author: Prasad, TV; Murthy, HPS; Singh, Rabindar

Title: Study of some factors in the production of carbon bonded graphite
<crucibles>

Source: D NML/IRM

Report No: RR59

Location: B/C/2/A/56/2

Keywords: Graphite

Year: 1956

MFN: 0185ARCHIV.MST

Author: Murthy, HPS

Singh, Rabindar

Title: Hot face insulation refractories from bladed Kyanite.Part II Study of some
factors influencing the production of Kyanite insulation refractories

Source: DNML/IRM

Report No: RR60

Location: B/C/2/A/56/2

Keywords: Kyanite

Refractories

Year: 1956

MFN: 0186ARCHIV.MST

Author: Bhatnagar, PP

Sharma, RA

Title: Studies of the preparation of titanium tetra-iodide

Source: D NML/IRM

Report No: RR61

Location: B/C/2/A/56/2

Keywords: Titanium

Year: 1956

MFN: 0187ARCHIV.MST

Author: Bhattacharya, H

Title: Rapid method for the determination of beryllium in presence of iron and aluminium

Source: D NML/IRM

Report No: RR62

Location: B/C/2/A/56/1

Keywords: Beryllium

Year: 1956

MFN: 0188ARCHIV.MST

Author: Gupte, PK

Bucknall, EH

Nijhawan, BR

Title: Investigation into the development of prospective Indian Austenitic Stainless Steels

Source: D NML/IRM

Report No: RR63

Location: B/C/2/A/56/2

Keywords: Stainless steels

Year: 1956

MFN: 0189ARCHIV.MST

Author: Mathur, RS

Rao, Bhaskar HV

Singh, Rabindar

Title: <Sorel> cement as a chemical bond for basic refractories

Source: D NML/IRM

Report No: RR64

Location: B/C/2/A/56/2

Keywords: Refractories

Year: 1956

MFN: 0190ARCHIV.MST

Author: Kar, BC

Gupta, MK

Muthukrishnan, V.

Title: Improved technique for the simultaneous determination of aluminium, copper and magnesium in zinc alloys by spectrographic method

Source: D NML/IRM

Report No: RR65

Location: B/C/2/A/56/1

Keywords: Spectroscopy

Year: 1956

MFN: 0191ARCHIV.MST

Author: Rao, M Ramakrishna

Moorthy, VK

Singh, Rabindar

Title: Production of forsterite refractories using serpentine and dunite as raw materials: Part I - Development of suitable refractory compositions using serpentine and dunite as raw materials

Source: D NML/IRM

Report No: RR67

Location: B/C/2/A/56/2

Keywords: Refractories

Year: 1956

MFN: 0192ARCHIV.MST

Author: Moorthy, VK

Rao, M Ramakrishnan, Singh, Rabindar

Title: Production of forsterite refractories using serpentine and dunite as raw materials: Part II - Study of the packing characteristics of forsterite grog

Source: D NML/IRM

Report No: RR68

Location: B/C/2/A/56/2

Keywords: Refractories

Year: 1956

MFN: 0193ARCHIV.MST

Author: Moorthy, VK

Sen, PC

Singh, Rabindar

Title: Production of forsterite refractories using serpentine and dunite as raw materials: Part III - Study of the suitability of indigenous bonding materials for use in the production of forsterite refractories

Source: D NML/IRM

Report No: RR69

Location: B/C/2/A/56/2

Keywords: Refractories

Year: 1956

MFN: 0194ARCHIV.MST

Author: Moorthy, VK

Sen, PC

Singh, Rabindar

Title: Production of forsterite refractories using serpentine and dunite as raw materials: Part IV - Improvement of the properties of forsterite refractories

Source: D NML/IRM

Report No: RR70

Location: B/C/2/A/56/2

Keywords: Refractories

Year: 1956

MFN: 0195ARCHIV.MST

Author: Krishnan, AA

Maji, KD

Title: Fatigue failure - a structure study

Source: D NML/IRM

Report No: RR71

Location: B/C/2/A/56/2

Keywords: Fatigue failure

Year: 1956

MFN: 0196ARCHIV.MST

Author: Sharma, RA

Bhatnagar, PP

Banerjee, T

Title: Separation of nickel and zinc from a mixture of their salts: Part II - Reduction of nickel oxide

Source: D NML/IRM

Report No: RR72

Location: B/C/2/A/56/2

Keywords: Nickel

Zinc

Separation

Year: 1956

MFN: 0197ARCHIV.MST

Author: Rao, M Ramkrishnan

Moorthy, VK

Sen, PC

Singh, Rabindar

Title: Study of chrome ores for refractory industry: Part II - Chemical composition and refractory properties of Indian chromites

Source: D NML/IRM

Report No: RR73

Location: B/C/2/A/56/2

Keywords: Chromium ores

Year: 1956

MFN: 0198ARCHIV.MST

Author: Rao, Bhaskar HV

Singh, Rabindar

Title: Comparative study of Indian and foreign silica bricks

Source: D NML/IRM

Report No: RR74

Location: B/C/2/A/56/2

Keywords: Brick

Year: 1956

MFN: 0199ARCHIV.MST

Author: Tandon, DS

Banerjee, T

Title: Plating on aluminium using an iron inter layer

Source: D NML/IRM

Report No: RR76

Location: B/C/2/A/56/2

Keywords: Plating

Year: 1956

MFN: 0200ARCHIV.MST

Author: Tandon, DS

Banerjee, T

Title: Plating on aluminium using an iron inter layer: Part II - Application of an iron inter layer without subsequent flash-plating of copper or brass

Source: D NML/IRM

Report No: RR77

Location: B/C/2/A/56/2

Keywords: Plating

Year: 1956

MFN: 0201ARCHIV.MST

Author: Tandon, DS
Banerjee, T
Title: Plating on Aluminium using an iron inter layer
Source: D NML/IRM
Report No: RR78
Location: B/C/2/A/56/2
Keywords: Plating
Metal Finishing
Year: 1956
MFN: 0202ARCHIV.MST

Author: Sadana, YN
Banerjee, T
Title: Structure of electro-deposited nickel by x-ray diffraction
Source: D NML/IRM
Report No: RR79
Location: B/C/2/A/56/2
Keywords: Nickel
X ray diffraction
Year: 1956
MFN: 0203ARCHIV.MST

Author: Mohan, Jatinder
Gupte, PK
Nijhawan, BR
Title: Direct reduction of iron ore to yield usable steel: Part II
Source: D NML/IRM
Report No: RR80
Location: B/C/2/A/56/2
Keywords: Iron ores
Reduction

Year: 1956
MFN: 0204ARCHIV.MST

Author: Gupta, PK
Bhatnagar, SS
Nijhawan, BR
Title: Phosphorus dilution of iron in small experimental cupola
Source: D NML/IRM
Report No: RR81
Location: B/C/2/A/56/2
Keywords: Iron
Cupolas
Year: 1956
MFN: 0205ARCHIV.MST

Author: Mukherjee, KP
Lahiri, AK
Banerjee, T
Title: Atmospheric corrosion of metals and alloys exposed at <Jamshedpur>, <Bihar>
Source: D NML/IRM
Report No: RR82
Location: B/C/2/A/56/2
Keywords: Atmospheric corrosion
Year: 1956
MFN: 0206ARCHIV.MST

Author: Das, BN
Sani, GD
Title: Impact fatigue resistance of <structural> steels
Source: D NML/IRM
Report No: RR83

Location: B/C/2/A/56/2

Keywords: Steels

Fatigue

Year: 1956

MFN: 0207ARCHIV.MST

Author: Nijhawan, BR

Bucknall, EH

Gupta, PK

Title: Manufacture in India of ferro-alloys used in Alloy Steel Industry

Source: D NML/IRM

Report No: SR41

Location: B/C/2/A/56/1

Keywords: Ferroalloys

Year: 1956

MFN: 0208ARCHIV.MST

Author: Kar, BC

Title: Production of zirconium metal

Source: D NML/IRM

Report No: SR50

Location: B/C/2/A/56/1

Keywords: Zirconium

Year: 1956

MFN: 0209ARCHIV.MST

Author: Sharma, UC

Krishnan, RM

Nijhawan, BR

Title: Coke for cupola - with particular reference to Indian conditions

Source: D NML/IRM

Report No: SR51

Location: B/C/2/A/56/1

Keywords: Cupolas

Year: 1956

MFN: 0210ARCHIV.MST

Title: Investigation on Chandipur sand

Source: D NML/IRM

Report No: IR104

Location: B/C/2/B/57/1

Keywords: Sand

Year: 1957

MFN: 0211ARCHIV.MST

Author: Rao, M Ramakrishna

Sen, PC

Rao, HV Bhaskar

Title: Investigation on sintering and semi-stabilisation of dolomite for <Bhilai>
Steel Plant, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR105

Location: B/C/2/B/57/1

Keywords: Dolomite

Year: 1957

MFN: 0212ARCHIV.MST

Author: Subramanyan, NN

Narayanan, PIA

Title: Dressing of a low grade iron ore from <Badampahar>

Source: D NML/IRM

Report No: IR106

Location: B/C/2/B/57/1

Keywords: Iron ores

Beneficiation

Year: 1957

MFN: 0213ARCHIV.MST

Author: Raman, PV
narayanan, PIA

Title: Beneficiation of gypsum samples from Jamsar Mines, <Rajasthan>

Source: D NML/IRM

Report No: IR107

Location: B/C/2/B/57/1

Keywords: Beneficiation

Gypsum

Year: 1957

MFN: 0214ARCHIV.MST

Author: Dasgupta, SB
Raman, PV
Narayanan, PIA

Title: Beneficiation of kyanite from Badia, <Bihar>

Source: D NML/IRM

Report No: IR111

Location: B/C/2/B/57/1

Keywords: Beneficiation

Kyanite

Year: 1957

MFN: 0215ARCHIV.MST

Author: Satyanarayana, K
Subramanya, GV
Narayanan, PIA

Title: Beneficiation of a low grade manganese ore from Sambalpur, <Orissa>

Source: D NML/IRM

Report No: IR112

Location: B/C/2/B/57/1

Keywords: Manganese ores

Beneficiation

Year: 1957

MFN: 0216ARCHIV.MST

Author: Mathur, GP

Narayanan, PIA

Title: Beneficiation of a low grade manganese ore from <Chitaldurg> <Mysore>
<Karnataka>

Source: D NML/IRM

Report No: IR113

Location: B/C/2/B/57/1

Keywords: Manganese Ores

Year: 1957

MFN: 0217ARCHIV.MST

Author: Das, BN

Title: Controlled friction material with a co-efficient of friction 0.10.0.12 initially
which should not exceed 0.16 in service

Source: D NML/IRM

Report No: IR114

Location: B/C/2/B/57/1

Keywords: Friction

Year: 1957

MFN: 0218ARCHIV.MST

Author: Bhatnagar, PP

Banerjee, T

Title: Some aspects of titanium metallurgy

Source: D NML/IRM

Report No: LR46

Location: B/C/2/B/57/1

Keywords: Titanium

Year: 1957

MFN: 0219ARCHIV.MST

Author: Rao, M Ramakrishna

Title: Phase relationships in the stabilisation of dolomite

Source: D NML/IRM

Report No: RR84

Location: B/C/2/B/57/1

Keywords: Dolomite

Year: 1957

MFN: 0220ARCHIV.MST

Title: Data on indigenous foundry sands and bonding clays

Source: D NML/IRM

Report No: RR86

Location: B/C/2/B/57/1

Keywords: Sand

Clay

Year: 1957

MFN: 0221ARCHIV.MST

Author: Arora, SM

Gupte, PK

Nijhawan, BR

Title: Aluminising of steels by the aqueous flux process

Source: D NML/IRM

Report No: RR88

Location: B/C/2/B/57/1

Keywords: Steels

Aluminizing

Year: 1957

MFN: 0222ARCHIV.MST

Author: Prasad, TV

Murthy, HPS

Title: Thermogravimetric study of the oxidation of some natural graphites

Source: D NML/IRM

Report No: RR89

Location: B/C/2/B/57/1

Keywords: Graphite

Year: 1957

MFN: 0223ARCHIV.MST

Author: Murthy, HPS

Murthy, JRK

Title: Improvement of certain Indian refractory clays by pH control

Source: D NML/IRM

Report No: RR91

Location: B/C/2/B/57/1

Keywords: Clay

Year: 1957

MFN: 0224ARCHIV.MST

Author: Prasad, TV

Murthy, HPS

Title: Studies on Indian refractory clays - Part I: clays from <Madhya Pradesh>
Area

Source: D NML/IRM

Report No: RR93

Location: B/C/2/B/57/1

Keywords: Refractories

Clay

Year: 1957

MFN: 0225ARCHIV.MST

Author: Chakraborty, PB

Banerjee, T

Title: Electrolytic method for extraction of beryllium oxide from Beryl

Source: D NML/IRM

Report No: SR53

Location: B/C/2/B/57/1

Keywords: Beryllium

Extraction

Electrolytic

Year: 1957

MFN: 0226ARCHIV.MST

Author: Banerjee, T

Chakraborty, HK

Kar, BC

Dhananjayan, N

Title: Electrolytic manganese and manganese dioxide from low grade Indian ores

Source: D NML/IRM

Report No: SR54

Location: B/C/2/B/57/1

Keywords: Manganese ores

Electrolytic

Year: 1957

MFN: 0227ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Beneficiation of low grade magnetite from Salem, Madras: Part I.<Tamil Nadu>

Source: D NML/IRM
Report No: IR116
Location: B/C/2/B/58/1
Keywords: Magnetite
Beneficiation
Year: 1958
MFN: 0228ARCHIV.MST

Author: Sengupta, BL
Subramanya, GV
Narayanan, PIA
Title: Beneficiation of low grade manganese ore from Kuttinga, Korapur District,
<Orissa>
Source: D NML/IRM
Report No: IR117
Location: B/C/2/B/58/1
Keywords: Beneficiation
Manganese ores
Year: 1958
MFN: 0229ARCHIV.MST

Author: Mathur, GP
Sengupta, BL
Narayanan, PIA
Title: Beneficiation of iron ore sample from Bonai, <Orissa>
Source: D NML/IRM
Report No: IR119
Location: B/C/2/B/58/1
Keywords: Beneficiation
Iron ores
Year: 1958
MFN: 0230ARCHIV.MST

Author: Singh, R Santokh

Somayajulu, BV

Nijhawan, BR

Title: Moulding characteristics of brahmani river sands from Rourkela, <Orissa>

Source: D NML/IRM

Report No: IR122

Location: B/C/2/B/58/1

Keywords: Molding

Sand

Year: 1958

MFN: 0231ARCHIV.MST

Author: Subramanya, GV

Dasgupta, SB

Narayanan, PIA

Title: Semi pilot plant studies on the beneficiation of a ferruginous manganese ore from Joda West Mines of Tata Iron and Steel Company Limited <Tata Steel>

Source: D NML/IRM

Report No: IR124

Location: B/C/2/B/58/1

Keywords: Beneficiation

Manganese Ores

Year: 1958

MFN: 0232ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Sintering studies on the magnetic concentrate produced from low grade salem magnetite ore

Source: D NML/IRM

Report No: IR127

Location: B/C/2/B/58/1

Keywords: Magnetite Ores

Year: 1958

MFN: 0233ARCHIV.MST

Author: Rao, HV Bhaskar

Subrahmanyam, AV

Title: Investigation report on a sample of bauxite supplied by M\s. <Orissa>
Cement Co. Ltd., Rajgangpur

Source: D NML/IRM

Report No: IR130

Location: B/C/2/B/58/1

Keywords: Bauxite

Year: 1958

MFN: 0234ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Title: Moulding characteristics of yellow moulding sand

Source: D NML/IRM

Report No: IR135

Location: B/C/2/B/58/1

Keywords: Molding

Sand

Year: 1958

MFN: 0235ARCHIV.MST

Author: Mathur, GP

Sengupta, BL

Narayanan, PIA

Title: Beneficiation of low grade garnet sample from Nellore, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR137

Location: B/C/2/B/58/1

Keywords: Beneficiation

Garnet

Year: 1958

MFN: 0236ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of snow white silica sand

Source: D NML/IRM

Report No: IR138

Location: B/C/2/B/58/1

Keywords: Molding

Sand

Year: 1958

MFN: 0237ARCHIV.MST

Author: Singh, R Santokh

Somayajulu, BV

Title: Moulding characteristics of Adjoy River sand

Source: D NML/IRM

Report No: IR139

Location: B/C/2/B/58/1

Keywords: Sand

Molding

Year: 1958

MFN: 0238ARCHIV.MST

Author: Singh, R Santokh

Mohan, Jatinder

Gupte, PK

Title: Investigation on Bhavnagar sands

Source: D NML/IRM

Report No: IR140

Location: B/C/2/B/58/1

Keywords: Sand

Year: 1958

MFN: 0239ARCHIV.MST

Author: Mathur, GP

Raman, PV

Narayanan, PIA

Title: Recovery of ferromanganese from Joda electric furnace slag by tabling method, <Tata Steel>

Source: D NML/IRM

Report No: IR141

Location: B/C/2/B/58/1

Keywords: Recovery

Slags

Year: 1958

MFN: 0240ARCHIV.MST

Author: Dasgupta, SB

Narayanan, PIA

Title: Pre-concentration of lead-zinc ore from zawar, <Rajasthan>

Source: D NML/IRM

Report No: IR143

Location: B/C/2/B/58/1

Keywords: Lead ores

Zinc ores

Beneficiation

Year: 1958

MFN: 0241ARCHIV.MST

Author: Rao, M Ramakrishna

Sen, PC

Rao, HV Bhaskar

Title: Mineralogy and refractory properties of Almora magnesite

Source: D NML/IRM

Report No: RR94

Location: B/C/2/B/58/1

Keywords: Magnesite

Year: 1958

MFN: 0242ARCHIV.MST

Author: Banerjee, NG

Title: Vacuum determination of hydrogen in steels

Source: D NML/IRM

Report No: RR95

Location: B/C/2/B/58/1

Keywords: Steels

Year: 1958

MFN: 0243ARCHIV.MST

Author: Misra, RN

Sen, MC

Bhatnagar, PP

Title: Thermal beneficiation of low grade chrome ores: Part I - Gaseous reduction

Source: D NML/IRM

Report No: RR96

Location: B/C/2/B/58/1

Keywords: Chromium ores

Beneficiation

Year: 1958

MFN: 0244ARCHIV.MST

Author: Ramachandran, EG

Prakash, Ved

Title: Electrolytic and magnetic properties of some <low manganese> <low aluminium> steels

Source: D NML/IRM

Report No: RR97

Location: B/C/2/B/58/1

Keywords: Steels

Year: 1958

MFN: 0245ARCHIV.MST

Author: Ramachandran, EG

Prakash, Ved

Title: Investigation on the magnetic properties of some permanent magnet materials

Source: D NML/IRM

Report No: RR98

Location: B/C/2/B/58/1

Keywords: Magnetic materials

Year: 1958

MFN: 0246ARCHIV.MST

Author: Krishnan, RM

Banerjee, T

Gupte, PK

Title: Scope for development of foundry industry of India

Source: D NML/IRM

Report No: SR66

Location: B/C/2/B/58/1

Keywords: Foundry

Year: 1958

MFN: 0247ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of Durgapur sand

Source: D NML/IRM

Report No: IR144

Location: B/C/1/C/59/1

Keywords: Molding

Sand

Year: 1959

MFN: 0248ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Recovery of metallics from low grade aluminium powder from
M\s.<Devidayal Metal> Industries Pvt. Ltd.

Source: D NML/IRM

Report No: IR146

Location: B/C/1/C/59/1

Keywords: Recovery

Powders

Year: 1959

MFN: 0249ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Beneficiation of limestone from toli village, Garhwal Dist. <Uttar Pradesh>

Source: D NML/IRM

Report No: IR150

Location: B/C/1/C/59/1

Keywords: Beneficiation

Limestone

Year: 1959

MFN: 0250ARCHIV.MST

Author: Sengupta, BL

Subramanya, GV

Title: Semi-pilot plant studies on the beneficiation of ferruginous manganese ore from Siljora-Kalimati Mines, Keonjjhar District, <Orissa>

Source: D NML/IRM

Report No: IR151

Location: B/C/1/C/59/1

Keywords: Beneficiation

Manganese ores

Year: 1959

MFN: 0251ARCHIV.MST

Author: Das Gupta, SB

Narayanan, PIA

Title: Beneficiation of limestone from Village Pundras, Dist. Garhwal, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR153

Location: B/C/1/C/59/1

Keywords: Beneficiation

Limestone

Year: 1959

MFN: 0252ARCHIV.MST

Author: Subramanya, GV

Sengupta, BL

Narayanan, PIA

Title: Proposals for a beneficiation plant of capacity 100 tons\day to treat the ferrouginous manganese ore from Siljora Kalimati Area, <Orissa>

Source: D NML/IRM
Report No: IR154
Location: B/C/1/C/59/1
Keywords: Beneficiation
Plants
Year: 1959
MFN: 0253ARCHIV.MST

Author: Raman, PV
Mathur, GP
Narayanan, PIA
Title: Beneficiation of manganese ore rejects after hand picking from S-G-B-K mines Gurda, Keonjhar, <Orissa>
Source: D NML/IRM
Report No: IR155
Location: B/C/1/C/59/1
Keywords: Beneficiation
Manganese ores
Year: 1959
MFN: 0254ARCHIV.MST

Author: Mathur, GP
Sengupta, BL
Narayanan, PIA
Title: Semi pilot plant studies on beneficiation of ferruginous manganese ores employing the patented process (No.51625)
Source: D NML/IRM
Report No: IR156
Location: B/C/1/C/59/1
Keywords: Manganese ores
Plants
Year: 1959
MFN: 0255ARCHIV.MST

Author: Sengupta, BL

Subramanya, GV

Narayanan, PIA

Title: Studies on the beneficiation of low grade manganese ore from Kurro-Madai Mines, Jabalpur, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR157

Location: B/C/1/C/59/1

Keywords: Beneficiation

Manganese ores

Year: 1959

MFN: 0256ARCHIV.MST

Author: Subramanya, GV

Ganesh, R

Narayanan, PIA

Title: Beneficiation of low grade ferruginous manganese ore (no.2) from S-G-B-K mines, <Keonjhar>, <Orissa>

Source: D NML/IRM

Report No: IR159

Location: B/C/2/C/59/1

Keywords: Manganese ores

Beneficiation

Year: 1959

MFN: 0257ARCHIV.MST

Author: Chopra, MS

Narayanan, PIA

Title: Preliminary report on the possibility of upgrading garnet, quartz and corundum samples by magnetic separation

Source: D NML/IRM

Report No: IR162

Location: B/C/1/C/59/1
Keywords: Magnetic Separation
Separation
Year: 1959
MFN: 0258ARCHIV.MST

Author: Das, PC
Mohan, Jatinder
Gupte, PK
Title: Moulding characteristics of goriali and Jayadi moulding sands
Source: D NML/IRM
Report No: IR164
Location: B/C/1/C/59/1
Keywords: Sand
Molding
Year: 1959
MFN: 0259ARCHIV.MST

Author: Saha, GL
Mohan, Jatinder
Gupte, PK
Title: Moulding characteristics of sand from Bhawanagar
Source: D NML/IRM
Report No: IR166
Location: B/C/1/C/59/1
Keywords: Molding
Sand
Year: 1959
MFN: 0260ARCHIV.MST

Author: Beck, TA
Mohan, Jatinder

Gupte, PK

Title: Investigation on zircon sand

Source: D NML/IRM

Report No: IR167

Location: B/C/1/C/59/1

Keywords: Sand

Year: 1959

MFN: 0261ARCHIV.MST

Author: Saha, GL

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of silica sand from Yadgiri

Source: D NML/IRM

Report No: IR168

Location: B/C/1/C/59/1

Keywords: Molding

Sand

Year: 1959

MFN: 0262ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of moulding sand from M's. P.W. Workshop,
Guntur, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR170

Location: B/C/1/C/59/1

Keywords: Molding

Sand

Year: 1959

MFN: 0263ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics and upgrading of Rajkot sand

Source: D NML/IRM

Report No: IR171

Location: B/C/1/C/59/1

Keywords: Sand

Molding

Year: 1959

MFN: 0264ARCHIV.MST

Author: SenGupta, BL

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of low grade manganese ore from K-B Mines, Shimoga District,
<Mysore>

Source: D NML/IRM

Report No: IR172

Location: B/C/1/C/59/1

Keywords: Manganese ores

Year: 1959

MFN: 0265ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of silica sand from M/s. S.P. Foundries, Kanpur,
<Uttar Pradesh>

Source: D NML/IRM

Report No: IR174

Location: B/C/1/C/59/1

Keywords: Molding

Sand

Year: 1959

MFN: 0266ARCHIV.MST

Author: Sharma, RA

Bhatnagar, PP

Title: Beneficiation of ores by chlorination

Source: D NML/IRM

Report No: LR58

Location: B/C/1/C/59/1

Keywords: Beneficiation

Ores

Year: 1959

MFN: 0267ARCHIV.MST

Author: Krishnan, RM

Srivastava, KN

Banerjee, T

Title: <Iron and steel> industry in India's five year plans

Source: D NML/IRM

Report No: Misc R/59/1

Location: B/C/1/C/59/2

Year: 1959

MFN: 0268ARCHIV.MST

Author: Rao, HV Bhaskar

Title: Study of shevaroy bauxite for the developement of high alumina refractories

Source: D NML/IRM

Report No: RR100

Location: B/C/1/C/59/1

Keywords: Bauxite

Refractories

Year: 1959

MFN: 0269ARCHIV.MST

Author: Srinivasan, SR

Singh, Gurdial

Kar, BC

Title: Battery active manganese dioxide from low grade manganese ores by chemical process

Source: D NML/IRM

Report No: RR103

Location: B/C/1/C/59/1

Keywords: Manganese ores

Year: 1959

MFN: 0270ARCHIV.MST

Author: Trehan, YN

Bhadra, SP

Gupte, PK

Title: Electrolytic polishing of stainless steels

Source: D NML/IRM

Report No: RR104

Location: B/C/1/C/59/1

Keywords: Stainless steels

Polishing

Year: 1959

MFN: 0271ARCHIV.MST

Author: Chakraborty, PB

Title: Studies on the extraction of zirconium dioxide from travancore zircon

Source: D NML/IRM

Report No: RR105
Location: B/C/1/C/59/1
Keywords: Extraction
Zirconium
Year: 1959
MFN: 0272ARCHIV.MST

Author: Chakraborty, PB
Title: Studies on the extraction zirconium dioxide from travancore zircon: Part 2.
Source: D NML/IRM
Report No: RR106
Location: B/C/1/C/59/1
Keywords: Extraction
Zirconium
Year: 1959
MFN: 0273ARCHIV.MST

Author: Prasad, TV
Murthy, HPS
Title: Studies on Indian refractory clays Part II clays from <Bihar> ,<West Bengal> ,
<Orissa>
Source: D NML/IRM
Report No: RR99
Location: B/C/1/C/59/1
Keywords: Clay
Year: 1959
MFN: 0274ARCHIV.MST

Author: Banerjee, T
Title: Metallurgical research in India
Source: D NML/IRM
Report No: SR74

Location: B/C/1/C/59/1

Keywords: Metallurgy

Year: 1959

MFN: 0275ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of limestone rejects form Govt. Cement Factory, Churk, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR175

Location: B/C/1/C/60/1

Keywords: Beneficiation

Limestone

Year: 1960

MFN: 0276ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of limestone fron govt. cement factory, Churk, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR176

Location: B/C/1/C/60/1

Keywords: Beneficiation

Limestone

Year: 1960

MFN: 0277ARCHIV.MST

Author: Saha, GL

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of quartzite sand samples from Dhanji Hill

Source: D NML/IRM
Report No: IR177
Location: B/C/1/C/60/1
Keywords: Sand
Molding
Year: 1960
MFN: 0278ARCHIV.MST

Author: Banerjee, SK
Narayanan, PIA
Title: Purification of vermiculite from Ranchi District, <Bihar>
Source: D NML/IRM
Report No: IR178
Location: B/C/1/C/60/1
Keywords: Vermiculite
Year: 1960
MFN: 0279ARCHIV.MST

Author: Dutt, Ashimesh
Rao, HV Bhaskar
Title: Studies on clays from Bansi, Mirzapur District, <Uttar Pradesh>
Source: D NML/IRM
Report No: IR179
Location: B/C/1/C/60/1
Keywords: Clay
Year: 1960
MFN: 0280ARCHIV.MST

Author: Subramanya, GV
Mathur, GP
Banerjee, SK
Sinha, PK

Title: Studies on the beneficiation of iron ores from Tisco <Tata Steel>

Source: D NML/IRM

Report No: IR180

Location: B/C/1/C/60/1

Keywords: Beneficiation

Iron ores

Year: 1960

MFN: 0281ARCHIV.MST

Author: Beck, TA

Mohan, Jatinder

Gupte, PK

Title: Investigation on the moulding characteristics of river sand sent by Southern Railway workshop, Golden Rock, Madras, <Tamil Nadu>

Source: D NML/IRM

Report No: IR183

Location: B/C/1/C/60/1

Keywords: Sand

Year: 1960

MFN: 0282ARCHIV.MST

Author: Banerjee, SK

Sengupta, BL

Title: Screen analysis and chemical analysis of iron ore samples from <Kiriburu>
<Bihar>

Source: D NML/IRM

Report No: IR184

Location: B/C/1/C/60/1

Keywords: Iron ores

Chemical analysis

Year: 1960

MFN: 0283ARCHIV.MST

Author: Subramanian, M

Bhatnagar, PP

Title: Studies on the reducibility of beneficiated Tisco Iron Ores, <Tata Steel>

Source: D NML/IRM

Report No: IR185

Location: B/C/1/C/60/1

Keywords: Iron ores

Reduction

Year: 1960

MFN: 0284ARCHIV.MST

Author: Banerjee, SK

Sinha, PK

Sengupta, BL

Title: Further studies on the bneneficiation of iron ore samples from Tisco, <Tata Steel>

Source: D NML/IRM

Report No: IR188

Location: B/C/1/C/60/1

Keywords: Beneficiation

Iron ores

Year: 1960

MFN: 0285ARCHIV.MST

Author: Balasankar, KK

Beck, TA

Somayajulu, BV

Bhatnagar, SS

Title: Moulding characteristics of facing and backing sands received from Southern Railway, Golden Rock, Madras <Tamil Nadu>

Source: D NML/IRM

Report No: IR192

Location: B/C/1/C/60/1

Keywords: Sand

Molding

Year: 1960

MFN: 0286ARCHIV.MST

Author: Mohan. Jatindar

Somayajulu, BV

Bhatnagar, SS

Title: Moulding and core characteristics of red core sand sent by M\s. Kirloskar Brothers Limited, Kirloskarvadi, Bombay ,<Maharashtra>

Source: D NML/IRM

Report No: IR193

Location: B/C/1/C/60/1

Keywords: Sand

Molding

Year: 1960

MFN: 0287ARCHIV.MST

Author: Rao, MRK

Sen, PC

Bhaskar Rao, HV

Title: Sintering of dolomite in shaft kiln of HSL Rourkela, <West Bengal>

Source: DNML/IRM

Report No: IR194

Location: B/C/1/C/60/1

Keywords: Dolomite

Sintering

Year: 1960

MFN: 0288ARCHIV.MST

Author: Raman, PV

Mathur, GP

Ranganathan, MV

Title: Report on beneficiation studies on a complex low grade copper-lead-zinc ore from bhotang mine, Rangpo, <Sikkim>

Source: D NML/IRM

Report No: IR195

Location: B/C/1/C/60/1

Keywords: Beneficiation

Copper ores

Year: 1960

MFN: 0289ARCHIV.MST

Author: Shah, NV

Rao, HV Bhaskar

Title: Investigation of the suitability of asbestos from Singhbhum District for Industrial purposes <Bihar>

Source: D NML/IRM

Report No: IR196

Location: B/C/1/C/60/1

Keywords: Asbestos

Year: 1960

MFN: 0290ARCHIV.MST

Author: Prabhakaram, P

Murthy, HPS

Title: Thermo-gravimetric studies on the low temperature pyrolysis of bituminous coal

Source: D NML/IRM

Report No: RR107

Location: B/C/1/C/60/1

Keywords: Coal

Year: 1960

MFN: 0291ARCHIV.MST

Author: Prasad, TV

Murthy, HPS

Title: Studies on Indian refractory clays Part III-some clays from South India

Source: D NML/IRM

Report No: RR108

Location: B/C/1/C/60/1

Keywords: Clay

Year: 1960

MFN: 0292ARCHIV.MST

Author: Prasad, TV

Kundra, MC

Rao, HV Bhaskar

Title: Studies on the development of zircon refractories from Travancore Beach Sand, <Kerala>

Source: D NML/IRM

Report No: RR109

Location: B/C/1/C/60/1

Keywords: Refractories

Sand

Year: 1960

MFN: 0293ARCHIV.MST

Author: Roy, Mrinal

Bhatnagar, PP

Title: Studies on the extraction of vanadium pentoxide from vanadium bearing titaniferrous magnetite ores of <Bihar> and <Orissa>

Source: D NML/IRM

Report No: RR110

Location: B/C/1/C/60/1

Keywords: Vanadium

Extraction

Vanadium ores

Year: 1960
MFN: 0294ARCHIV.MST

Author: Sen, PC
Rao, MRK
Rao, HV Bhaskar
Title: Indian dolomites - a raw material study
Source: D NML/IRM
Report No: RR112
Location: B/C/1/C/60/1
Keywords: Dolomite
Year: 1960
MFN: 0295ARCHIV.MST

Author: Rao, MRK
Sen, PC
Rao, HV Bhaskar
Title: Indian dolomites some aspects of complete stabilisation
Source: D NML/IRM
Report No: RR113
Location: B/C/1/C/60/1
Keywords: Dolomite
Year: 1960
MFN: 0296ARCHIV.MST

Author: Rao, MRK
Sen, PC
Rao, HV Bhaskar
Title: Constitution and properties of stabilised dolomites
Source: D NML/IRM
Report No: RR114
Location: B/C/1/C/60/1

Keywords: Dolomite

Year: 1960

MFN: 0297ARCHIV.MST

Author: Dasgupta, SB

Subramanya, GV

Sinha, PK

Narayanan, PIA

Title: Beneficiation of low grade ferrous and siliceous manganese ores from
Koirā, <Orissa>

Source: D NML/IRM

Report No: IR198

Location: B/C/1/C/61/1

Keywords: Manganese ores

Beneficiation

Year: 1961

MFN: 0298ARCHIV.MST

Author: Peravadhanulu, A

Mathur, GP

Narayanan, PIA

Title: Beneficiation of low grade chromite from kandauli deposits, Ratnagiri
District, <Maharashtra>

Source: D NML/IRM

Report No: IR199

Location: B/C/1/C/61/1

Keywords: Beneficiation

Chromium ores

Year: 1961

MFN: 0299ARCHIV.MST

Author: Mukherjee, KP

Lahiri, AK

Banerjee, T

Title: Corrosion of brine storage tank

Source: D NML/IRM

Report No: IR200

Location: B/C/1/C/61/1

Keywords: Corrosion

Brine

Year: 1961

MFN: 0300ARCHIV.MST

Author: Balasankar, KK

Mohan, Jatindar

Bhatnagar, SS

Title: Moulding characteristics of moulding sand received from Southern Railway Workshop, <Mysore>

Source: D NML/IRM

Report No: IR202

Location: B/C/1/C/61/1

Keywords: Molding

Sand

Year: 1961

MFN: 0301ARCHIV.MST

Author: Beck, TA

Bhatnagar, SS

Gupte, PK

Title: Investigation on the core properties of "Londha yellow fine core sand from M\s Kirloskar Bros. Kirloskarvadi, Bombay-7, <Maharashtra>

Source: D NML/IRM

Report No: IR203

Location: B/C/1/C/61/1

Keywords: Sand

Year: 1961

MFN: 0302ARCHIV.MST

Author: Dasgupta, SB

Mathur, GP

Narayanan, PIA

Title: Crushing tests with a sample of iron ore from <Kiriburu> <Bihar>

Source: D NML/IRM

Report No: IR204

Location: B/C/1/C/61/1

Keywords: Iron ores

Crushing

Year: 1961

MFN: 0303ARCHIV.MST

Author: Sinha, PK

Mathur, GP

Narayanan, PIA

Title: Beneficiation of low grade granet from Guda Area, Ajmer, <Rajasthan>

Source: D NML/IRM

Report No: IR205

Location: B/C/1/C/61/1

Keywords: Beneficiation

Garnet

Year: 1961

MFN: 0304ARCHIV.MST

Author: Dasgupta, SB

Mathur, GP

Narayanan, PIA

Title: Preliminary washing test with an iron ore smaple from <Kiriburu> iron ore project <Bihar> (National Mineral Development Corporation)

Source: D NML/IRM

Report No: IR206

Location: B/C/1/C/61/1

Keywords: Iron ores; Beneficiation

Year: 1961

MFN: 0305ARCHIV.MST

Author: Beck, TA; Bhatnagar, SS

Title: Investigation on the moulding characteristics of silica sand, moulding sand and bonding clay sent by M\s Britannia Engg. Co. Ltd., Tatagarh, <West Bengal>

Source: D NML/IRM

Report No: IR207

Location: B/C/1/C/61/1

Keywords: Sand; Molding

Year: 1961

MFN: 0306ARCHIV.MST

Author: Raman, PV; Subramanya, GV; Narayanan, PIA

Title: Studies on the suitability of water from Lakshmansagar in Durgapur Dt. <Rajasthan>, for flotation of fluorspar from the nearby deposits

Source: D NML/IRM

Report No: IR208

Location: B/C/1/C/61/1

Keywords: Flotation

Fluorite

Year: 1961

MFN: 0307ARCHIV.MST

Author: Rao, MRK

Sen, PC

Rao, HV Bhaskar

Title: Study of Hirri, Hardi and baraduar dolomites for use in the shaft klins at Hindustan Steel Limited, Rourkela <Orissa>

Source: D NML/IRM

Report No: IR209

Location: B/C/1/C/61/1

Keywords: Dolomite

Year: 1961

MFN: 0308ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of low grade chromite from vagda deposits, Ratangiri Dt., <Maharashtra>

Source: D NML/IRM

Report No: IR210

Location: B/C/1/C/61/1

Keywords: Beneficiation

Chromium ores

Year: 1961

MFN: 0309ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of calcitic fluorspar from matamagri deposit, <Rajasthan>

Source: D NML/IRM

Report No: IR211

Location: B/C/1/C/61/1

Keywords: Beneficiation

Fluorspar

Year: 1961

MFN: 0310ARCHIV.MST

Author: Ranganathan, MV

Narayanan, PIA

Title: Reduction of silica content in limestone sample no. II from purnapani,
Sundergarh Dt., <Orissa>

Source: D NML/IRM

Report No: IR213

Location: B/C/1/C/61/1

Keywords: Limestone

Year: 1961

MFN: 0311ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Reduction of iron content in a rutile sample from travancore minerals, Quilon,
<Kerala>

Source: D NML/IRM

Report No: IR217

Location: B/C/1/C/61/1

Keywords: Rutile

Titanium ores

Year: 1961

MFN: 0312ARCHIV.MST

Author: Tandon, DS

Gupta, JR

Title: Non-metallic inclusions - their quantitative extraction from steel

Source: D NML/IRM

Report No: IR218

Location: B/C/1/C/61/1

Keywords: Steels

Nonmetallic inclusions

Year: 1961

MFN: 0313ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Reduction of silica content in a limestone sample (No.4) from puranapani quarries, <Orissa> (For Hindustan Steel Ltd. Rourkela)

Source: D NML/IRM

Report No: IR219

Location: B/C/1/C/61/1

Keywords: Limestone

Year: 1961

MFN: 0314ARCHIV.MST

Author: Dasgupta, SB

Banerjee, SK

Raman, PV

Mathur, GP

Narayanan, PIA

Title: Pilot plant studies on beneficiation and sintering of bolani iron ore for Durgapur Steel Plant of Hindustan Steel Ltd.<West Bengal>

Source: D NML/IRM

Report No: IR220

Location: B/C/1/C/61/1

Keywords: Iron ores

Beneficiation

Iron ores

Year: 1961

MFN: 0315ARCHIV.MST

Author: Balasankar, KK

Mohan, Jatinder

Bhatnagar, SS

Title: Investigation on sabarmathy River sands supplied by M\s Machinery Equipment Manufacturers Private Ltd., Ahmedabad, <Gujrat>

Source: D NML/IRM

Report No: IR223

Location: B/C/1/D/61/1

Keywords: Sand

Year: 1961

MFN: 0316ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Gupte, TK

Title: Investigation report of the bentonite sent by M\s Machinery Equipment Manufacturers private Ltd., Ahmedabad, <Gujrat>

Source: D NML/IRM

Report No: IR224

Location: B/C/1/C/61/1

Keywords: Bentonite

Year: 1961

MFN: 0317ARCHIV.MST

Author: Dasgupta, SB

Mathur, GP

Narayanan, PIA

Title: Beneficiation of classifier sand and heavy slime from the Noamundi Washing Plant, Tisco, <Tata Steel>

Source: D NML/IRM

Report No: IR225

Location: B/C/1/D/61/1

Keywords: Beneficiation

Sand

Year: 1961

MFN: 0318ARCHIV.MST

Author: Dasgupta, SB

Mathur, GP

Title: Beneficiation of top bench iron ore and Kanga iron ore from the western Ridge Noamundi

Source: D NML/IRM

Report No: IR227

Location: B/C/2/C/61/1

Year: 1961

MFN: 0319ARCHIV.MST

Author: Subramanya, GV

Narayanan, PIA

Title: Preliminary flotation study on fluorspar from <Baroda> district, <Gujrat>

Source: D NML/IRM

Report No: IR228

Location: B/C/2/C/61/1

Keywords: Fluorspar

Flotation

Year: 1961

MFN: 0320ARCHIV.MST

Author: Sen, PC

Rao, MRK

Rao, HV Bhaskar

Title: Refractory properties of sea-water magnesia produced by M\s Tata Chemicals, Mithapur

Source: D NML/IRM

Report No: IR228

Location: B/C/1/C/61/1

Keywords: Sea water

Magnesium oxide

Year: 1961

MFN: 0321ARCHIV.MST

Author: Sampath, VS

Bhatnagar, PP

Title: Production of low carbon ferro-chrome from high carbon ferro-chrome

Source: D NML/IRM

Report No: RR115

Location: B/C/2/D/61/3

Keywords: Ferrochromium

Year: 1961

MFN: 0322ARCHIV.MST

Author: Addanki, S.Rao

Mukherjee, KP

Lahiri, AK

Banerjee, T

Title: Relative corrodibility of ferrous and nonferrous metals exposed at
<Jamshedpur> <Bihar>

Source: D NML/IRM

Report No: RR116

Location: B/C/2/D/61/3

Keywords: Corrosion

Year: 1961

MFN: 0323ARCHIV.MST

Author: Sen, BL

Nijhawan, BR

Chatterjee, AB

Title: Investigation into oxygen steel-making process employing Indian raw
materials and refractories

Source: D NML/IRM

Report No: RR118

Location: B/C/2/D/61/3

Keywords: Oxygen steel making

Year: 1961

MFN: 0324ARCHIV.MST

Author: Somayajulu, BV

Mohan, Jatinder

Bhatnagar, SS

Title: Some aspects of <silicate bonding> with and without CO-2

Source: D NML/IRM

Report No: RR119

Location: B/C/2/D/61/3

Year: 1961

MFN: 0325ARCHIV.MST

Author: Ghose, MK

Piat, S

Kar, BC

Title: Spectrographic analysis of high chromium-manganese austenitic stainless steel by porous cup technique using neutral filter

Source: D NML/IRM

Report No: RR120

Location: B/C/2/D/61/3

Keywords: Spectroscopy

Stainless steels

Year: 1961

MFN: 0326ARCHIV.MST

Author: Banerjee, T

Ahuja, PL

Title: Phase-transformation in electrolytic alloys with special reference to copper-zinc and silver-copper systems

Source: D NML/IRM

Report No: RR121

Location: B/C/2/D/61/3
Keywords: Phase transformations
Year: 1961
MFN: 0327ARCHIV.MST

Author: Bose, SK
Prakash, Ved
Ramachandran, EG
Title: Sintering of iron-nickel-aluminium magnetic alloys
Source: D NML/IRM
Report No: RR122
Location: B/C/2/D/61/3
Keywords: Alloys
Sintering
Year: 1961
MFN: 0328ARCHIV.MST

Author: Misra, RN
Bhatnagar, PP
Title: Thermal beneficiation of low grade chrome ores: Part LL - Solid state reduction
Source: D NML/IRM
Report No: RR123
Location: B/C/2/D/61/3
Keywords: Beneficiation
Chromium ores
Year: 1961
MFN: 0329ARCHIV.MST

Author: Das, BN
Sani, GD
Title: Studies on fatigue behaviour of some <structural> steels

Source: D NML/IRM
Report No: RR124
Location: B/C/2/D/61/3
Keywords: Fatigue
Steels
Year: 1961
MFN: 0330ARCHIV.MST

Author: Narayanan, PIA
Mathur, GP
Title: Beneficiation of low grade ores with particular reference to ores of
<western> India
Source: D NML/IRM
Report No: SR102/61
Location: B/C/2/C/61/
Keywords: Beneficiation
Year: 1961
MFN: 0331ARCHIV.MST

Author: Choubey, R
Das, BN
Nijhawan, BR
Title: Some aspect of standardization in ultrasonic flaw-detection
Source: D NML/IRM
Report No: SR99
Location: B/C/1/C/61/2
Keywords: Flaw detection
Year: 1961
MFN: 0332ARCHIV.MST

Title: Report on the operations of low shaft furnace pilot plant at NML for the
production of foundry pig irons with raw materials from maharashtra state
Source: D NML/IRM

Report No: IPR3

Location: B/C/2/D/62/1

Year: 1962

MFN: 0333ARCHIV.MST

Author: Kartha, KN

Balasankar, KK

Title: Study of the moulding characteristics of the beach sands of Trivandrum
<Kerala> State

Source: D NML/IRM

Report No: IR230

Location: B/C/2/D/62/2

Keywords: Sand

Molding

Year: 1962

MFN: 0334ARCHIV.MST

Author: Kartha, KN

Title: X-ray study of the fraction of calcium oxide and calcium chloride in the
decomposition of <monazite>

Source: D NML/IRM

Report No: IR231

Location: B/C/2/D/62/2

Keywords: X ray analysis

Year: 1962

MFN: 0335ARCHIV.MST

Author: Shah, NV

Rao, HV Bhaskar

Jain, SC

Title: Investigation on suitability of indigenous asbestos for the manufacture of
asbestos cement products

Source: D NML/IRM

Report No: IR232

Location: B/C/2/D/62/2

Keywords: Asbestos

Year: 1962

MFN: 0336ARCHIV.MST

Author: Ranganathan, MV

Subramanya, GV

Narayanan, PIA

Title: Reduction of TiO-2 content in a sample of iron ore from Khursipar Area
<Maharashtra>

Source: D NML/IRM

Report No: IR233

Location: B/C/2/D/62/2

Keywords: Iron ores

Year: 1962

MFN: 0337ARCHIV.MST

Author: Chirayath, A T

Mohan, Jatinder

Gupte, PK

Title: Investigation on the Rajula bentonite received from ambica mine chem
industries , nari road, <Bhavnagar>; <Gujrat>

Source: D NML/IRM

Report No: IR234

Location: B/C/2/D/62/2

Keywords: Bentonite

Year: 1962

MFN: 0338ARCHIV.MST

Author: Raman, PV

Banerjee, SK

Dasgupta, SB

Mathur, GP

Subramanya, GV

Narayanan, PIA

Title: Pilot plant studies on beneficiation and sintering of barsua iron ore for Rourkela Steel Plant of Hindustan Steel Ltd.<Orissa>

Source: D NML/IRM

Report No: IR236

Location: B/C/2/D/62/2

Keywords: Beneficiation

Iron ores

Year: 1962

MFN: 0339ARCHIV.MST

Author: Subramanian, M

Sankaran, C

Bhatnagar, PP

Title: Reducibility of <Bolani> iron ores and sinters

Source: D NML/IRM

Report No: IR237

Location: B/C/2/D/62/2

Keywords: Iron ores

Year: 1962

MFN: 0340ARCHIV.MST

Author: Jain, SC

Prasad, TV

Rao, HV Bhaskar

Title: Investigation on some blast furnace stove refractories

Source: D NML/IRM

Report No: IR239

Location: B/C/2/D/62/2

Keywords: Refractories

Blast Furnaces

Year: 1962

MFN: 0341ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Beneficiation studies on lateritoid manganese ore from Malaya

Source: D NML/IRM

Report No: IR241

Location: B/C/2/D/62/3

Keywords: Beneficiation

Manganese ores

Year: 1962

MFN: 0342ARCHIV.MST

Author: Ranganathan, MV

Sinha, PK

Mathur, GP

Subramanya, GV

Narayanan, PIA

Title: Recovery of diamond from diamondiferous tuff and gravel sample from
<Panna> area, <Madhya Pradesh>, India

Source: D NML/IRM

Report No: IR242

Location: B/C/2/D/62/3

Keywords: Diamond

Year: 1962

MFN: 0343ARCHIV.MST

Author: Dasgupta, SB

Sinha, PK

Banerjee, SK

Mathur, GP

Subramanya, GV

Narayanan, PIA

Title: Pilot plant studies on beneficiation and sintering of <Kiriburu> iron ore for
<NMDC> National Mineral Development Corporation

Source: D NML/IRM

Report No: IR244

Location: B/C/2/D/62/3

Keywords: Iron ores

Beneficiation

Year: 1962

MFN: 0344ARCHIV.MST

Author: N M L

Title: Investigation on the spanish bentonite (Gardogeel) under the international
working group on bonding clays

Source: D NML/IRM

Report No: IR245

Location: B/C/2/D/62/4

Keywords: Bentonite

Spain

Year: 1962

MFN: 0345ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Gupte, IK

Title: Investigation on bentonite sample from poland (ground silica earth) under
the international working group on bonding clays

Source: D NML/IRM

Report No: IR246

Location: B/C/2/D/62/4

Keywords: Poland

Bentonite

Year: 1962

MFN: 0346ARCHIV.MST

Title: Investigation on the bentonite sample from <Germany> under the international working group on bonding clays

Source: D NML/IRM

Report No: IR248

Location: B/C/2/D/62/4

Keywords: Bentonite

Year: 1962

MFN: 0347ARCHIV.MST

Title: Investigation on the English bentonite (No 168) under the international working group on bonding clays

Source: D NML/IRM

Report No: IR248

Location: B/C/2/D/62/4

Keywords: UK

Bentonite

Year: 1962

MFN: 0348ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Gupte, PK

Title: Investigation on the Cutch Bentonite

Source: D NML/IRM

Report No: IR249

Location: B/C/2/D/62/4

Keywords: Kutch

Bentonite

Year: 1962

MFN: 0349ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Gupte, PK

Title: Investigation on the Bahua bentonite <Bhavnagar> <Gujrat>

Source: D NML/IRM

Report No: IR250

Location: B/C/2/D/62/4

Keywords: Bentonite

Year: 1962

MFN: 0350ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Gupte, PK

Title: Investigation on the Bakudi bentonite <Santhal Parganas> <Bihar>

Source: D NML/IRM

Report No: IR251

Location: B/C/2/D/62/5

Keywords: Bentonite

Year: 1962

MFN: 0351ARCHIV.MST

Author: Chirayath, AT

Bhatnagar, SS

Gupte, PK

Title: Investigation on the bentonite samples received from Indian Standards
Institution

Source: D'NML/IRM

Report No: IR252

Location: B/C/2/D/62/5

Keywords: Bentonite

Year: 1962

MFN: 0352ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Title: Beneficiation of lime sludge from <Titagarh> Paper Mills Ltd. Calcutta

Source: D NML/IRM

Report No: IR253

Location: B/C/2/D/62/5

Keywords: Beneficiation

Lime

Sludge

Year: 1962

MFN: 0353ARCHIV.MST

Author: Banerjee, SK

Ranganathan, MV

Dhar, SK

Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Batch and pilot plant flotation studies on <Khetri> Copper ore

Source: D NML/IRM

Report No: IR254

Location: B/C/2/D/62/5

Keywords: Flotation

Copper ores

Year: 1962

MFN: 0354ARCHIV.MST

Author: Raman, PV

Sengupta, PL

Ganesh, R

Ranganathan, MV

Subramanya, GV

Title: Batch and pilot plant beneficiation studies on low grade fluorspar from
<Rajasthan> for production of acid and metallurgical grade spar

Source: D NML/IRM

Report No: IR255

Location: B/C/2/D/62/5

Keywords: Beneficiation

Fluorspar

Year: 1962

MFN: 0355ARCHIV.MST

Author: Subramanian, M

Sri Krishna, TL

Bhatnagar, PP

Title: Recovery of metallic values from industrial brass <dross>

Source: D NML/IRM

Report No: IR256

Location: B/C/2/D/62/5

Year: 1962

MFN: 0356ARCHIV.MST

Author: Sengupta, BL

Subramanya, GV

Narayanan, PIA

Title: Agglomeration of fluorspar flotation concentrate obtained from low grade
fluorspar from <Rajasthan>

Source: D NML/IRM

Report No: IR257

Location: B/C/2/D/62/5

Keywords: Agglomeration

Fluorspar

Year: 1962

MFN: 0357ARCHIV.MST

Author: Raman, PV

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of low grade graphite from <Kashmir>

Source: D NML/IRM

Report No: IR258

Location: B/C/2/D/62/5

Keywords: Beneficiation

Graphite

Year: 1962

MFN: 0358ARCHIV.MST

Author: Dasgupta, SB

Sinha, PK

Mathur, GP

Narayanan, PIA

Title: Pilot plant studies on beneficiation and sintering of Rajhara iron ore for Bhilai Steel plant of Hindustan Steel

Source: D NML/IRM

Report No: IR259

Location: B/C/2/D/62/5

Keywords: Beneficiation

Iron ores

Year: 1962

MFN: 0359ARCHIV.MST

Author: Sankaran, C

Sen, MC

Bhatnagar, PP

Title: Thermal Benfication of Low Grade ferruginous manganese ores

Source: D NML/IRM

Report No: RR125

Location: B/C/2/D/62/1

Year: 1962

MFN: 0360ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Gupta, PK

Title: Suitability of Hathi Ki Dhani bentonite us a binder for use in foundries

Source: D NML/IRM

Report No: RR126

Location: B/C/2/D/62/1

Year: 1962

MFN: 0361ARCHIV.MST

Author: Gupta, MK

Banerjee, T

Title: Thermal and electrical conductivity of copper manganese alloys

Source: D NML/IRM

Report No: RR127

Location: B/C/2/D/62/1

Year: 1962

MFN: 0362ARCHIV.MST

Author: Debnath, PC

Banerjee, NG

Kar, BC

Title: Determination of hydrogen in metals and alloys by carrier gas

Source: D NML/IRM
Report No: RR128
Location: B/C/2/D/62/1
Year: 1962
MFN: 0363ARCHIV.MST

Author: Murthy, HPS
Subrahmanyam, AV
Bhaskar Rao, HV

Title: Plasticising of non plastic refractory raw materials Part--I: Effect of certain factors in the pot milling of sillimanite

Source: D NML/IRM
Report No: RR130
Location: B/C/2/D/62/1
Year: 1962
MFN: 0364ARCHIV.MST

Author: Lahiri, AK
Banerjee, NG
Banerjee, T

Title: Dissolution of steel and absorption of hydrogen by steel during acid pickling in prescence of inhibitor

Source: D NML/IRM
Report No: RR131
Location: B/C/2/D/62/1
Year: 1962
MFN: 0365ARCHIV.MST

Author: Murthy, HPS
Subrahmanyam, AV
Bhaskar Rao, HV

Title: Studies on Indian refractory clays part IV some clays from Madras state

Source: D NML/IRM

Report No: RR132
Location: B/C/2/D/62/1
Year: 1962
MFN: 0366ARCHIV.MST

Author: Chatterjee, PC
Bhattacharya, HP
Title: Electrolytic separation and determination of copper in high manganese
brasses
Source: D NML/IRM
Report No: RR133
Location: B/C/2/D/62/1
Year: 1962
MFN: 0367ARCHIV.MST

Author: Sampath, VS
Bhatnagar, PP
Title: Production of low carbon ferro Chrome
Source: DNML/IRM
Report No: SR110
Location: B/C/2/D/62/1
Year: 1962
MFN: 0368ARCHIV.MST

Author: Bhatnagar, PP
Nijhawan, BR
Title: Production of carbon free ferro alloys by aluminothermic reactions
Source: D NML/IRM
Report No: SR111
Location: B/C/2/D/62/1
Year: 1962
MFN: 0369ARCHIV.MST

Author: Subramanian, M
Misra, RN
Bhatnagar, PP
Title: Physico chemical aspects of ferro alloy production
Source: D NML/IRM
Report No: SR112
Location: B/C/2/D/62/1
Year: 1962
MFN: 0370ARCHIV.MST

Author: N M L
Title: Report on the operations of <low shaft furnace> pilot plant at NML for the production of pig iron with iron ore and limestone from <Nepal>
Source: DNML/IRM
Report No: IPR04
Location: B/C/3/A/63/3
Keywords: pig iron
Year: 1963
MFN: 0371ARCHIV.MST

Author: N M L
Title: Operation of <low shaft furnace> pilot plant at NML for the production of pig iron with raw materials from <Rajasthan>
Source: DNML/IRM
Report No: IPR05
Location: B/C/3/A/63/3
Year: 1963
MFN: 0372ARCHIV.MST

Author: Banerjee, SK
Dhar, SK
Subramanya, GV

Narayanan, PIA

Title: Pre-concentration of lead-zinc ore from Zawar employing heavy-media separation

Source: D NML/IRM

Report No: IR260

Location: B/C/3/A/63/1

Keywords: Beneficiation

Zinc ores

Separation

Year: 1963

MFN: 0373ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Beneficiation studies on a low grade nickeliferous ore from assam

Source: D NML/IRM

Report No: IR261

Location: B/C/3/A/63/1

Year: 1963

MFN: 0374ARCHIV.MST

Author: Misra, RN

Bhatnagar, PP

Title: Thermal beneficiation of low grade chrome ore from Kankauli Deposits, Ratnagiri District, <Maharashtra>

Source: D NML/IRM

Report No: IR262

Location: B/C/3/A/63/1

Keywords: Chromium ores

Beneficiation

Year: 1963

MFN: 0375ARCHIV.MST

Author: Chirayath, AT

Bhandary, VS

Gupte, PK

Title: Studies on the hot strength characteristics of some indigenous bentonites

Source: D NML/IRM

Report No: IR263

Location: B/C/3/A/63/1

Keywords: Bentonite

Year: 1963

MFN: 0376ARCHIV.MST

Author: Somayajulu, BV

Bhatnagar, SS

Gupte, PK

Title: Breakdown characteristics of <CO-2 cores>

Source: D NML/IRM

Report No: IR264

Location: B/C/3/A/63/1

Year: 1963

MFN: 0377ARCHIV.MST

Author: Vijayanarayanan, KS

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Madras silica sand - I

Source: D NML/IRM

Report No: IR265

Location: B/C/3/A/63/1

Keywords: Molding

Sand

Year: 1963

MFN: 0378ARCHIV.MST

Author: N M L

Title: Investigation reports on beneficiation sintering and smelting of salem magnetite ore

Source: D NML/IRM

Report No: IR266

Location: B/C/3/A/63/1

Keywords: Beneficiation

Iron ores

Year: 1963

MFN: 0379ARCHIV.MST

Author: Raman, PV

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of dolomite from Tisco <Tata Steel>

Source: D NML/IRM

Report No: IR267

Location: B/C/3/A/63/1

Keywords: Dolomite

Year: 1963

MFN: 0380ARCHIV.MST

Author: Chirayath, AT

Mohan, Jatinder

Bhandary, VS

Gupte, PK

Title: Investigation on the <Australia>n bentonite under the international working group on bonding clays

Source: D NML/IRM

Report No: IR268

Location: B/C/3/A/63/1

Keywords: Bentonite

Clay

Year: 1963

MFN: 0381ARCHIV.MST

Author: Roy Chowdhury, SK

Aush, SC

Som, PK

Title: Investigation report on electrolytic refining of ordnance lead ingot

Source: D NML/IRM

Report No: IR269

Location: B/C/3/A/63/1

Keywords: Lead

Year: 1963

MFN: 0382ARCHIV.MST

Author: Rao, Ramakrishna, GS

Rakshit, KN

Narayanan, PIA

Title: Pilot plant studies on beneficiation of a float ore sample of low grade magnetite from Salem, Madras, <Tamil Nadu>

Source: D NML/IRM

Report No: IR271

Location: B/C/3/A/63/1

Keywords: Magnetite

Beneficiation

Year: 1963

MFN: 0383ARCHIV.MST

Author: Sinha, PK

Subramanya, GV

Narayanan, PIA

Title: Studies on the production of high basicity sinters from <Noamundi> Washed Iron ore fines and incorporating blue dust

Source: D NML/IRM

Report No: IR272

Location: B/C/3/A/63/1

Keywords: Iron ores

Fines

Year: 1963

MFN: 0384ARCHIV.MST

Author: Das, Amitava

Bhandary, VS

Gupte, PK

Title: Moulding and core characteristics of <ACC> sand

Source: D NML/IRM

Report No: IR274

Location: B/C/3/A/63/1

Keywords: Molding

Sand

Year: 1963

MFN: 0385ARCHIV.MST

Author: Banerjee, SK

Yedavalli, BVS

Subramanya, GV

Narayanan, PIA

Title: Beneficiation
pelletization studies on iron ore fines from Pale Mines, <Goa>

Source: D NML/IRM

Report No: IR275

Location: B/C/3/A/63/1

Keywords: Beneficiation

Iron ores

Fines

Year: 1963

MFN: 0386ARCHIV.MST

Author: Ranganathan, MV

Peravadhanulu, A

Dasgupta, SB

Rao, Ramakrishna GS

Mathur, GP

Narayanan, PIA

Title: Further pilot plant studies on beneficiation of iron ore from bolani for
<Durgapur> Steel Plant of Hindustan Steel Limited

Source: D NML/IRM

Report No: IR276

Location: B/C/3/A/63/1

Keywords: Beneficiation

Iron ores

Year: 1963

MFN: 0387ARCHIV.MST

Author: Raman, PV

Subramanya, GV

Narayanan, PIA

Title: Reduction of silica content in a magnesite sample from Tisco Employing
flotation, <Tata Steel>

Source: D NML/IRM

Report No: IR277

Location: B/C/3/A/63/1

Keywords: Magnesite

Silica

Year: 1963

MFN: 0388ARCHIV.MST

Author: Singh, Avtar

Chirayath, AT

Bhandary, VS

Gupte, PK

Title: Investigation on P.B.I. bentonite Kashmir <Jammu and Kashmir>

Source: D NML/IRM

Report No: IR278

Location: B/C/3/A/63/1

Keywords: Bentonite

Year: 1963

MFN: 0389ARCHIV.MST

Author: Singh, Avtar

Bhandary, VS

Gupte, PK

Title: Investigation on the S.B.I. (Kashmir) bentonite received from director of mining and geology <Jammu and Kashmir> Govt.

Source: D NML/IRM

Report No: IR279

Location: B/C/3/A/63/1

Keywords: Bentonite

Year: 1963

MFN: 0390ARCHIV.MST

Author: Chirayath, AT

Bhandary, VS

Gupte, PK

Title: Investigation on the Madras bentonite received from Fomecs Private Limited, D-38, Industrial Estate, Rajajinagar, Bangalore - 10, <Karnataka>

Source: D NML/IRM

Report No: IR281

Location: B/C/3/A/63/1

Keywords: Bentonite

Year: 1963

MFN: 0391ARCHIV.MST

Author: Vijayanarayanan, KS

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Madras silica sand - II

Source: D NML/IRM

Report No: IR282

Location: B/C/3/A/63/1

Keywords: Sand

Molding

Year: 1963

MFN: 0392ARCHIV.MST

Author: Das, A

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of K.S. sand (Kanhayasthan Hill Deposits)

Source: D NML/IRM

Report No: IR283

Location: B/C/3/A/63/1

Keywords: Sand

Molding

Year: 1963

MFN: 0393ARCHIV.MST

Author: Sen, PC

Rao, MRK

Rao, HV Bhaskar

Title: Suitability of joint dolomite for sintering in shaft kilns

Source: D NML/IRM

Report No: IR284
Location: B/C/3/A/63/1
Keywords: Dolomite
Year: 1963
MFN: 0394ARCHIV.MST

Author: Nijhawan, BR
Title: Growth pattern of <Iron and steel> industry in India's economic development
Source: D NML/IRM
Report No: Misc R/63/1
Location: B/C/3/A/63/3
Year: 1963
MFN: 0395ARCHIV.MST

Author: Das, BN
Choubey, R
Title: Study of the hot extrusion characteristics of an aluminium alloy
Source: D NML/IRM
Report No: RR134
Location: B/C/3/A/63/2
Keywords: Aluminum
Year: 1963
MFN: 0396ARCHIV.MST

Author: Biswas, AC
Bhattacharya, HP
Title: Rapid routine method for the determination of manganese in the nickel-free stainless steel
Source: D NML/IRM
Report No: RR137
Location: B/C/3/A/63/2
Keywords: Stainless steels

Year: 1963

MFN: 0397ARCHIV.MST

Author: Murthy, HPS

Kundra, MC

Rao, HV Bhaskar

Title: Effect of pressure and the influence of bonds on the compaction of granular ceramic powder

Source: D NML/IRM

Report No: RR138

Location: B/C/3/A/63/2

Keywords: Compacts

Year: 1963

MFN: 0398ARCHIV.MST

Author: Beck, TA

Mohan, Jatinder

Gupte, PK

Title: Effect of copper on the annealing of white iron

Source: D NML/IRM

Report No: RR139

Location: B/C/3/A/63/2

Keywords: Annealing

Year: 1963

MFN: 0399ARCHIV.MST

Author: Rao, MRK

Dutt, Ashimesh

Sen, PC

Rao, HV Bhaskar

Title: Studies on the utilisation of Almora <Uttar Pradesh> magnesite: Part I - Occurrence and mineralogy

Source: D NML/IRM

Report No: RR143

Location: B/C/3/A/63/2

Keywords: Magnesite

Year: 1963

MFN: 0400ARCHIV.MST

Author: Rao, Ramakrishna M

Dutt, Ashimesh

Sen, PC

Rao, HV Bhaskar

Title: Studies on the utilisation of Almora <Uttar Pradesh> magnesite: Part II - Effect of heat on the constitution, grain growth and densification

Source: D NML/IRM

Report No: RR144

Location: B/C/3/A/63/2

Keywords: Magnesite

Year: 1963

MFN: 0401ARCHIV.MST

Author: Srinivasan, SR

Bhatnagar, PP

Title: Reaction of titanium with titanium tetrachloride

Source: D NML/IRM

Report No: RR146

Location: B/C/3/A/63/2

Year: 1963

MFN: 0402ARCHIV.MST

Author: Misra, RN

Sampath, VB

Bhatnagar, PP

Title: Studies on silico-thermic reduction of dolomite for the production of magnesium

Source: D NML/IRM
Report No: RR147
Location: B/C/3/A/63/2
Keywords: Dolomite
Year: 1963
MFN: 0403ARCHIV.MST

Author: N M L
Title: Siliconization of basic pig iron
Source: D NML/IRM
Report No: RR148
Location: B/C/3/A/63/2
Keywords: Pig iron
Year: 1963
MFN: 0404ARCHIV.MST

Author: Samanta, S
Misra, RN
Bhatnagar, PP
Title: Thermal beneficiation of low grade chrome ore from Sumiconda eposits ,
West Godavari district, <Andhra Pradesh>
Source: DNML/IRM
Report No: RR150
Location: B/C/3/A/63/2
Keywords: Beneficiation
Chromium ores
Year: 1963
MFN: 0405ARCHIV.MST

Author: Samanta, S
Misra, RN
Bhatnagar, PP

Title: Thermal beneficiation of low grade chrome ore from vagda deposits,
Ratnagiri District, <Maharashtra>

Source: D NML/IRM

Report No: RR151

Location: B/C/3/A/63/2

Keywords: Beneficiation

Chromium ores

Year: 1963

MFN: 0406ARCHIV.MST

Author: Ghosh, KN

Das, BN

Title: Some studies on sheet metal forming

Source: D NML/IRM

Report No: RR152

Location: B/C/3/A/63/2

Keywords: Sheet metal

Year: 1963

MFN: 0407ARCHIV.MST

Author: Nijhawan, BR

Rao, KNP

Title: Substitution of imported copper and other non-ferrous metals by aluminium
and other indigenous metals

Source: D NML/IRM

Report No: SR115

Location: B/C/3/A/63/3

Year: 1963

MFN: 0408ARCHIV.MST

Author: Krishnan, RM

Srivastava, KN

Title: Industrial research and extension services

Source: D NML/IRM
Report No: SR116
Location: B/C/3/A/63/3
Year: 1963
MFN: 0409ARCHIV.MST

Author: Gupte, PK
Title: Dissemination of technical information at NML
Source: DNML/IRM
Report No: SR117
Location: B/C/3/A/63/3
Year: 1963
MFN: 0410ARCHIV.MST

Author: Singh, Narendra
Krishnan, RM
Srivastava, KN
Title: Public relations and industrial liasions
Source: D NML/IRM
Report No: SR118
Location: B/C/3/A/63/3
Year: 1963
MFN: 0411ARCHIV.MST

Author: Banerjee, K
Title: Library and documentation service at NML
Source: DNML/IRM
Report No: SR119
Location: B/C/3/A/63/3
Year: 1963
MFN: 0412ARCHIV.MST

Author: Krishnan, RM
Title: Some aspects of consultancy work at NML
Source: DNML/IRM
Report No: SR120
Location: B/C/3/A/63/3
Year: 1963
MFN: 0413ARCHIV.MST

Author: Nijhawan, BR
Title: Some foundry iron production plants
Source: D NML/IRM
Report No: SR122
Location: B/C/3/A/63/3
Year: 1963
MFN: 0414ARCHIV.MST

Author: Raman, PV
Sinha, PK
Subramanya, GV
Narayanan, PIA
Title: Reduction of silica content of limestone samples from sirka, after calcination
Source: D NML/IRM
Report No: IR285
Location: B/C/3/A/64/1
Year: 1964
MFN: 0415ARCHIV.MST

Author: Ranganathan, MV
Peravadhanulu, A
Dasgupta, SB
Rao, Ramkrishna GS
Mathur, GP

Narayanan, PIA

Title: Further pilot plant studies on beneficiation and sintering of a mixed iron ore sample from (i) the upper portion of main haulage roas and (ii) bench 3 of hill no.1 of Kiriburu Mines of National Mineral Development Corporation

Source: D NML/IRM

Report No: IR286

Location: B/C/3/A/64/1

Year: 1964

MFN: 0416ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of a fine grained fluorspar sample from Ambadongar, Gujrat State

Source: D NML/IRM

Report No: IR287

Location: B/C/3/A/64/1

Year: 1964

MFN: 0417ARCHIV.MST

Author: Peravadhanulu, A

Joglekar, YA

Dasgupta, SB

Rao, Ramkrishna GS

Mathur, GP

Narayanan, PIA

Title: Pilot plant studies on beneficiation and sintering of a mixed iron ore sample from (i) Hill no.1 bench no.2 and)ii) Hill no.2 bench no.2 of Kiriburu Iron Ore Mines of National Mineral Development Corporation <Bihar>

Source: D NML/IRM

Report No: IR288

Location: B/C/3/A/64/1

Keywords: Iron ores

Beneficiation

Year: 1964

MFN: 0418ARCHIV.MST

Author: Rao, Ramkrishna GS

Peravadhanulu, A

Sengupta, BL

Ranganathan, MV

Dasgupta, SB

Raman, PV

Mathur, GP

Narayanan, PIA

Title: Further pilot plant beneficiation studies on limestone sample from Tisco

Source: D NML/IRM

Report No: IR289

Location: B/C/3/A/64/1

Year: 1964

MFN: 0419ARCHIV.MST

Author: Banerjee, SK

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of a gypsum sample from Messrs. Bikaner Gypsums Ltd.,
<Rajasthan>

Source: D NML/IRM

Report No: IR290

Location: B/C/3/A/64/1

Year: 1964

MFN: 0420ARCHIV.MST

Author: Dhar, SK

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of coarse grained fluorspar sample from Ambadongar, Borada

Source: D NML/IRM

Report No: IR291

Location: B/C/3/A/64/1

Year: 1964

MFN: 0421ARCHIV.MST

Author: Das, A

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Rajmahal silica sand

Source: D NML/IRM

Report No: IR292

Location: B/C/3/A/64/1

Year: 1964

MFN: 0422ARCHIV.MST

Author: Sinhababu, SK

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Rajendra silica sand No.I

Source: D NML/IRM

Report No: IR293

Location: B/C/3/A/64/1

Year: 1964

MFN: 0423ARCHIV.MST

Author: Sastry, PR

Bhandary, VS

Gupte, PK

Title: Investigation on Rajendra silica sand No.III

Source: D NML/IRM
Report No: IR294
Location: B/C/3/A/64/1
Year: 1964
MFN: 0424ARCHIV.MST

Author: Sinhababu, SK
Bhandary, VS
Gupte, PK

Title: Moulding characteristics of Rajendra silica sand no 2
Source: D NML/IRM
Report No: IR295
Location: B/C/3/A/64/1
Keywords: Sand
Year: 1964
MFN: 0425ARCHIV.MST

Author: Das, Amitava
Bhandary, VS
Gupte, PK

Title: Moulding characteristics of gundiposi sand received from geological survey of India, Bihar Circle
Source: D NML/IRM
Report No: IR296
Location: B/C/3/A/64/1
Year: 1964
MFN: 0426ARCHIV.MST

Author: Joglekar, YA
Ranganathan, MV
Sengupta, BL
Kunwar, RK

Dasgupta, SB

Rao, Ramkrishna GS

Mathur, GP

Narayanan, PIA

Title: Pilot plant studies on beneficiation and agglomeration of a low grade limestone sample from purnapani quarries, Orissa, for Hindustan Steel Ltd.

Source: D NML/IRM

Report No: IR297

Location: B/C/3/A/64/1

Year: 1964

MFN: 0427ARCHIV.MST

Author: Raman, PV

Subramanya, GV

Narayanan, PIA

Title: Washing of selenite from messers Bikaner Gypsum Ltd <Rajasthan>

Source: D NML/IRM

Report No: IR298

Location: B/C/3/A/64/1

Keywords: Selenite

Year: 1964

MFN: 0428ARCHIV.MST

Author: Ranganathan, MV

Joglekar, YA

Dasgupta, SB

Rao, Ramakrishna GS

Mathur, GP

Narayanan, PIA

Title: Pilot plant beneficiation studies on a gypsum sample from M\s Bikener Gypsums Ltd., <Rajasthan>

Source: D NML/IRM

Report No: IR299

Location: B/C/3/A/64/1

Year: 1964

MFN: 0429ARCHIV.MST

Author: Raman, PV

Subramanya, GV

Narayanan, PIA

Title: Washing of a selenite sample from Barmer District, Rajasthan

Source: D NML/IRM

Report No: IR300

Location: B/C/3/A/64/1

Year: 1964

MFN: 0430ARCHIV.MST

Author: Chakraborty, N

Rakshit, KN

Narayanan, PIA

Title: Pilot plant studies on concentration of economic minerals from
Manavalakurichi Beach sand

Source: D NML/IRM

Report No: IR301

Location: B/C/3/A/64/2

Year: 1964

MFN: 0431ARCHIV.MST

Author: Minhas, Gurbux Singh

Rao, HV Bhaskar

Title: Development of superduty silica bricks with indigenous raw materials

Source: D NML/IRM

Report No: IR302

Location: B/C/3/A/64/2

Year: 1964

MFN: 0432ARCHIV.MST

Author: Dutta, BM

Rao, HV Bhaskar

Title: Comparative of insulation refractories with special reference to thermal conductivity

Source: D NML/IRM

Report No: IR303

Location: B/C/3/A/64/2

Year: 1964

MFN: 0433ARCHIV.MST

Author: Peravadhanulu, A

Rao, P.D.Prasad

Chopra, MS

Title: Study of the distribution of hematite in the band I, Kanjajmalai magnetite deposit, Salem District, Madras

Source: D NML/IRM

Report No: IR304

Location: B/C/3/A/64/2

Year: 1964

MFN: 0434ARCHIV.MST

Author: Banerjee, SK

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of low grade manganese ore from Barajamda area <Singhbhum> district <Bihar>

Source: D NML/IRM

Report No: IR305

Location: B/C/3/A/64/2

Keywords: Manganese ores

Year: 1964

MFN: 0435ARCHIV.MST

Author: Dhar, SK

Subramanya, GV

Narayanan, PIA

Title: Reduction of silica content in a limestone sample from Rajpipia, Narmada Project

Source: D NML/IRM

Report No: IR306

Location: B/C/3/A/64/2

Year: 1964

MFN: 0436ARCHIV.MST

Author: Ranganathan, MV

Joglekar, YA

Kunwar, RK

Pervadhanulu, A

Rao, GS Ramakrishna

Mathur, GP

Title: Pilot plant studies on beneficiation of limestone samples from Nandini mines of Bhilai steel plant Hindustan Steel Ltd.

Source: D NML/IRM

Report No: IR307

Location: B/C/3/A/64/2

Keywords: Limestone

Beneficiation

Year: 1964

MFN: 0437ARCHIV.MST

Author: Sinha, PK

Subramanya, GV

Narayanan, PIA

Title: Studies on the production of high basicity sinters from the beneficiated Bolani iron ore fines , for the Durgapur steel plant

Source: D NML/IRM

Report No: IR309

Location: B/C/3/A/64/2

Keywords: Iron ores

Fines

Year: 1964

MFN: 0438ARCHIV.MST

Author: Ranganathan, MV

Joglekar, YA

Pervadhanulu, A

Mathur, GP

Rao, GS Ramakrishna

Narayanan, PIA

Title: Beneficiation and sintering studies with an iron ore sample from Bailadila mines (deposit no 14) of <NMDC> National mineral Development corporation

Source: D NML/IRM

Report No: IR310

Location: B/C/3/A/64/1

Keywords: Iron ores

beneficiation

Year: 1964

MFN: 0439ARCHIV.MST

Author: Gupte, PK

Bhandary, VS

Nijhawan, BR

Title: Mechanism of sintering

Source: D NML/IRM

Report No: LR67

Location: B/C/3/A/64/3

Keywords: Sintering

Year: 1964

MFN: 0440ARCHIV.MST

Title: Report on the technical committee set up to advice the government on various steps towards raw materials preparation and technological improvements for improved iron production

Source: D NML/IRM

Report No: Misc R/64/1

Location: B/C/3/A/64/3

Keywords: iron

Year: 1964

MFN: 0441ARCHIV.MST

Author: Nijhawan, BR

Title: Growth pattern of Indian iron and steel industry

Source: D NML/IRM

Report No: Misc R/64/2

Location: B/C/3/A/64/3

Keywords: Iron and steel Industry

Year: 1964

MFN: 0442ARCHIV.MST

Author: Srinivasan, SR

Bhoray, SS

Bhatnagar, PP

Title: Studies on the chlorination of vanadium bearing titaniferous magnetites

Source: D NML/IRM

Report No: RR153

Location: B/C/3/A/64/3

Keywords: Vanadium ores

Year: 1964

MFN: 0443ARCHIV.MST

Author: Prasad, TV
Title: Studies on Indian refractory clays - examination of some clays by differential thermal analyses, x-ray and electron microscopic techniques
Source: D NML/IRM
Report No: RR159
Location: B/C/3/A/64/3
Keywords: Clay
Year: 1964
MFN: 0444ARCHIV.MST

Author: Murthy, HPS
Kundra, MC
Rao, HV Bhaskar
Title: Refractories pilot plant studies - I. Part II - Comparative study of some methods of compaction of mixes of dry press consistency
Source: D NML/IRM
Report No: RR160
Location: B/C/3/A/64/3
Year: 1964
MFN: 0445ARCHIV.MST

Author: Rao, Ramakrishna M
Dutt, Ashimesh
Sen, PC
Rao, HV Bhaskar
Title: Studies on the utilisation of <Almora><Uttar Pradesh> magnesite - its refractory properties and improvements therein
Source: D NML/IRM
Report No: RR161
Location: B/C/3/A/64/3
Keywords: Magnesite
Year: 1964

MFN: 0446ARCHIV.MST

Author: Murthy, HPS

Chatterjee, B

Title: Thermogravimetric studies on the kinetics of low temperature pyrolysis of some coals

Source: D NML/IRM

Report No: RR167

Location: B/C/3/A/64/3

Keywords: Coals

Year: 1964

MFN: 0447ARCHIV.MST

Author: Murthy, HPS

Chatterjee, Bimal

Title: Certain factors influencing the production of dense carbon aggregate from low and high volatile carbonaceous substances

Source: D NML/IRM

Report No: RR168

Location: B/C/3/A/64/3

Keywords: coals

Year: 1964

MFN: 0448ARCHIV.MST

Author: Chopra, MS

Mathur, GP

Narayanan, PIA

Title: Utilization of important mining metallurgical wastes employing mineral beneficiation techniques

Source: D NML/IRM

Report No: RR169

Location: B/C/3/A/64/3

Keywords: Wastes

Year: 1964

MFN: 0449ARCHIV.MST

Author: Mohan, Jatinder

Title: Study of <eutectic> cells with addition of different elements

Source: D NML/IRM

Report No: RR175

Location: B/C/3/A/64/3

Year: 1964

MFN: 0450ARCHIV.MST

Author: Sen, PC

Dutt, Ashimesh

Rao, HV Bhaskar

Title: Thermal dehydroxylation and phase transformation of Bayer's alumina

Source: D NML/IRM

Report No: RR181

Location: B/C/3/A/64/3

Keywords: Aluminum Oxide

Year: 1964

MFN: 0451ARCHIV.MST

Author: Arora, SM

Bhatnagar, SS

Gupte, PK

Nijhawan, BR

Title: Development of iron-aluminium alloys

Source: D NML/IRM

Report No: RR183

Location: B/C/3/A/64/3

Keywords: Alloys

Development

Year: 1964

MFN: 0452ARCHIV.MST

Author: Mahanty, MS

Bhatnagar, SS

Gupte, PK

Nijhawan, BR

Title: Phosphoric - sulphuric - nitric acid bath for chemical polishing of aluminium

Source: D NML/IRM

Report No: RR184

Location: B/C/3/A/64/3

Keywords: Aluminum

Polishing

Year: 1964

MFN: 0453ARCHIV.MST

Author: Mathur, GP

Narayanan, PIA

Title: Integrated mineral beneficiation pilot plant of National Metallurgical Laboratory

Source: D NML/IRM

Report No: SR128

Location: B/C/3/A/64/2

Keywords: Pilot plant

N M L

Year: 1964

MFN: 0454ARCHIV.MST

Author: Samanta, S

Bhatnagar, PP

Title: Scope of development of Titanium industry in India

Source: D NML/IRM

Report No: SR129
Location: B/C/3/A/64/2
Keywords: Titanium
Year: 1964
MFN: 0455ARCHIV.MST

Author: Rao, HV Bhaskar
Nijhawan, BR
Title: Growth pattern of steel plant refractory industry in India
Source: D NML/IRM
Report No: SR130
Location: B/C/3/A/64/2
Year: 1964
MFN: 0456ARCHIV.MST

Author: Prasad, TV
Murthy, HPS
Title: Some recent developments in the production of clay graphite products for handling steel
Source: D NML/IRM
Report No: SR133
Location: B/C/3/A/64/2
Keywords: Graphite
Year: 1964
MFN: 0457ARCHIV.MST

Author: Murthy, HPS
Title: Some observations on the manufacture of carbon refractories in India
Source: D NML/IRM
Report No: SR134
Location: B/C/3/A/64/2
Year: 1964

MFN: 0458ARCHIV.MST

Author: Yedavalli, BVS

Narayanan, PIA

Title: Recovery of metallic zinc from zinc ash from Messrs Indian Tube Co. (1953)
Ltd. <Jamshedpur>

Source: D NML/IRM

Report No: IR312

Location: B/C/3/B/65/1

Keywords: Zinc

Recovery

Year: 1965

MFN: 0459ARCHIV.MST

Author: Sastry, PR

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Shertallai <Alleppy> <Kerala> silica sand

Source: D NML/IRM

Report No: IR313

Location: B/C/3/B/65/1

Keywords: Sand

Year: 1965

MFN: 0460ARCHIV.MST

Author: Sinhababu, SK

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Godavary <Andhra Pradesh> river sand no.2

Source: D NML/IRM

Report No: IR314

Location: B/C/3/B/65/1

Keywords: Sand

Year: 1965

MFN: 0461ARCHIV.MST

Author: Singh, Avtar

Bhandary, VS

Gupte, PK

Title: Investigation of the U. B. I. (Kashmir) bentonite received from Director of Mining and Geology <Jammu and Kashmir> Government

Source: D NML/IRM

Report No: IR315

Location: B/C/3/B/65/1

Keywords: Bentonite

Year: 1965

MFN: 0462ARCHIV.MST

Author: Sastry, PR

Bhandary, VS

Gupte, PK

Title: Investigation on rajendra silica sand no.4 received from M\s. Rajendra Silica Works Sankargarh Allahabad, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR316

Location: B/C/3/B/65/1

Keywords: Sand

Year: 1965

MFN: 0463ARCHIV.MST

Author: Yedavalli, BVS

Dhar, SK

Narayanan, PIA

Title: Beneficiation and pelietization of iron ore fines from M\s. Salgaocar E Irmao Ltd. Goa

Source: D NML/IRM
Report No: IR317
Location: B/C/3/B/65/1
Keywords: Fines
Iron ores
Year: 1965
MFN: 0464ARCHIV.MST

Author: Dhar, SK
Mathur, GP
Narayanan, PIA
Title: Investigation on the generation of fines from <Kiriburu> Iron Ore, <Bihar>
during transport and handling

Source: D NML/IRM
Report No: IR318
Location: B/C/3/B/65/1
Keywords: Fines
Iron ores
Year: 1965
MFN: 0465ARCHIV.MST

Author: Raman, PV
Narayanan, PIA
Title: Beneficiation of specular hematite samples from Rajasthan - Part I - sample
from Amsiwali, <Udaipur> District, <Rajasthan>
Source: D NML/IRM
Report No: IR320
Location: B/C/3/B/65/1
Keywords: Iron ores
Beneficiation
Hematite
Year: 1965
MFN: 0466ARCHIV.MST

Author: Subramanian, M

Mathur, SB

Bhatnagar, PP

Title: Reducibility of lumpy iron ore for M\s. Salgaocar E Irmao Ltd., <Goa>

Source: D NML/IRM

Report No: IR321

Location: B/C/3/B/65/1

Keywords: Iron ores

Year: 1965

MFN: 0467ARCHIV.MST

Author: Arora, RC

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Hardwar River sand supplied by M\s. Bharat Heavy Electricals Ltd., Hardwar, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR322

Location: B/C/3/B/65/3

Keywords: Sand

Molding

Year: 1965

MFN: 0468ARCHIV.MST

Author: Ranganathan, MV

Kunwar, RK

Sengupta, BL

Rao, GS Ramakrishna

Mathur, GP

Narayanan, PIA

Title: Pilot plant studies on the beneficiation and sintering studies on a mixed iron ore sample from Kondedasa clock of Dalli Pahar deposits for <Bhilai> <Madhya Pradesh> Steel Plant, Hindustan Steel Ltd.

Source: D NML/IRM

Report No: IR323

Location: B/C/3/B/65/1

Keywords: Iron ores

Beneficiation

Year: 1965

MFN: 0469ARCHIV.MST

Author: Subramanian, M

Mathur, SB

Bhatnagar, PP

Title: Reducibility of specular hematite iron ore samples of nathara-ki-pal deposits, <Rajasthan>

Source: D NML/IRM

Report No: IR324

Location: B/C/3/B/65/1

Keywords: Iron ores

Year: 1965

MFN: 0470ARCHIV.MST

Author: Kunwar, RK

Peravadhanulu, A

Chakraborty, N

Rao, GS Ramakrishna

Mathur, GP

Title: Pilot plant studies on (1) beneficiation of an iron ore sample from the <Kiriburu> Mines <Bihar> of National Mineral Development Corporation (2) Production of Additional 10nn fines and (3) Production of high basicity sinters- for the Boralo Steel Project

Source: D NML/IRM

Report No: IR325

Location: B/C/3/B/65/1

Keywords: Iron ores

Beneficiation

Year: 1965

MFN: 0471ARCHIV.MST

Author: Sinhababu, SK

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of Godavari river sand No.I

Source: D NML/IRM

Report No: IR326

Location: B/C/3/B/65/2

Keywords: Sand

Molding

Year: 1965

MFN: 0472ARCHIV.MST

Author: Sinhababu, SK

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of pachpahra sand

Source: D NML/IRM

Report No: IR327

Location: B/C/3/B/65/2

Keywords: Sand

Molding

Year: 1965

MFN: 0473ARCHIV.MST

Author: Arora, RC

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of kandleru river sand

Source: D NML/IRM

Report No: IR328

Location: B/C/3/B/65/2

Keywords: Sand

Molding

Year: 1965

MFN: 0474ARCHIV.MST

Author: Vijayanarayanan, KS

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of zircon sand

Source: D NML/IRM

Report No: IR329

Location: B/C/3/B/65/2

Keywords: Sand

Molding

Year: 1965

MFN: 0475ARCHIV.MST

Author: Sastry, PR

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of manduri glass sand

Source: D NML/IRM

Report No: IR330

Location: B/C/3/B/65/2

Keywords: Sand

Molding

Year: 1965

MFN: 0476ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Production of silica content in a magnesite sample from salem, Madras State,
<Tamil Nadu>

Source: D NML/IRM

Report No: IR331

Location: B/C/3/B/65/2

Keywords: Magnesite

Year: 1965

MFN: 0477ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of a phosphoate rock sample from <Singhbhum> District,
<Bihar>

Source: D NML/IRM

Report No: IR332

Location: B/C/3/B/65/2

Keywords: Beneficiation

Phosphates

Year: 1965

MFN: 0478ARCHIV.MST

Author: Dhar, SK

Banerjee, SK

Narayanan, PIA

Title: Grindability tests on a fluorspar sample from <Rajasthan>

Source: D NML/IRM

Report No: IR333

Location: B/C/3/B/65/2

Keywords: Fluorite

Year: 1965

MFN: 0479ARCHIV.MST

Author: Ganesh, R

Gallagher, AEJ

Narayanan, PIA

Title: Flotation studeis on a copper ore sample form Ghatiwalli Adit, Khetri,
<Rajasthan>,received from National Mineral Development Corporation Ltd.

Source: D NML/IRM

Report No: IR334

Location: B/C/3/B/65/2

Keywords: Copper ores

Flotation

Year: 1965

MFN: 0480ARCHIV.MST

Author: Subramanian, M

Mathur, SB

Bhatnagar, PP

Title: Reducibility of <Kiriburu> <Bihar> iron ores and sinters

Source: D NML/IRM

Report No: IR335

Location: B/C/3/B/65/2

Keywords: Iron ores

Year: 1965

MFN: 0481ARCHIV.MST

Author: Subramanian, M

Sampath, VS

Menon, MP

Bhatnagar, PP

Nijhawan, BR

Title: Production of high carbon ferro-chrome using talcher low temperature carbonization coke as the reductant in the pilot submerged-arc smelting furnace

Source: D NML/IRM

Report No: IR336

Location: B/C/3/B/65/2

Keywords: Ferrochromium

Year: 1965

MFN: 0482ARCHIV.MST

Author: Sinha, PK

Verma, PK

Narayanan, PIA

Title: Beneficiation and pelletization studies on iron ore fines from redi mines, Ratnagiri District, <Maharashtra>

Source: D NML/IRM

Report No: IR337

Location: B/C/3/B/65/2

Keywords: Beneficiation

Pelleting

Year: 1965

MFN: 0483ARCHIV.MST

Author: Raman, PV

Chakraborty, N

Rao, GS Ramakrishna

Mathur, GP

Narayanan, PIA

Title: Beneficiation and sintering studies on laminated iron ore from dalli mines of <Bhilai> Steel Plant of Hindustan Steel Ltd ,<Madhya Pradesh>.

Source: D NML/IRM

Report No: IR338

Location: B/C/3/B/65/2

Keywords: Iron ores

Beneficiation

Year: 1965

MFN: 0484ARCHIV.MST

Author: Sahota, NS

Prasad, TV

Rao, HV Bhaskar

Title: Investigation of some refractory clays from <Jammu and Kashmir>

Source: D NML/IRM

Report No: IR339

Location: B/C/3/B/65/2

Keywords: Clay

Year: 1965

MFN: 0485ARCHIV.MST

Author: Murthy, HPS

Chatterjee, Bimal

Title: Comparative studies on a high temperature coke oven coal tar pitch as a binder in the manufacture of carbon refractories and compacts

Source: D NML/IRM

Report No: IR340

Location: B/C/3/B/65/2

Keywords: Refractories

Year: 1965

MFN: 0486ARCHIV.MST

Author: Arora, RC

Bhandary, VS

Gupte, PK

Title: Investigation on pig bentonite supplied by Messeres Ambica Minechem Industries, Bhavnagar, <Gujrat>

Source: D NML/IRM

Report No: IR342
Location: B/C/3/B/65/3
Keywords: Bentonite
Year: 1965
MFN: 0487ARCHIV.MST

Author: Kunwar, RK
Ranganathan, MV
Sengupta, BL
Chakraborty, N
Rao, Ramakrishna
Mathur, GP
Narayanan, PIA

Title: Beneficiation and sintering studies on massive iron ore sample from Dalli
Mines of Bhilai Steel Plant of Hindustan Steel Limited, <Madhya Pradesh>

Source: D NML/IRM
Report No: IR343
Location: B/C/3/B/65/3
Keywords: Beneficiation
Iron ores
Year: 1965
MFN: 0488ARCHIV.MST

Author: Chakraborty, N
Rao, GS Ramakrishna
Mathur, GP
Narayanan, PIA

Title: Production of sized fraction from a quartz sand sample from Ennore District,
Madras State, <Tamil Nadu>

Source: D NML/IRM
Report No: IR344
Location: B/C/3/B/65/3
Keywords: Sand

Year: 1965
MFN: 0489ARCHIV.MST

Author: Sastry, PR
Bhandary, VS
Gupte, PK
Title: Moulding characteristics of Bhandhana sand
Source: D NML/IRM
Report No: IR345
Location: B/C/3/B/65/3
Keywords: Sand
Year: 1965
MFN: 0490ARCHIV.MST

Author: Sinhababu, SK
Bhandary, VS
Gupte, PK
Title: Moulding characteristics of bhainsahi (Glass) sand (Upper unit)
Source: D NML/IRM
Report No: IR346
Location: B/C/3/B/65/3
Keywords: Sand
Year: 1965
MFN: 0491ARCHIV.MST

Author: Sinhababu, SK
Bhandary, VS
Gupte, PK
Title: Moulding characteristics of bhainsahi glass sand (Lower unit, white)
Source: D NML/IRM
Report No: IR347
Location: B/C/3/B/65/3

Keywords: Sand

Year: 1965

MFN: 0492ARCHIV.MST

Author: Raman, PV

Chakraborty, N

Rao, Ramakrishna, GS

Narayanan, PIA

Title: Pilot plant studies mon beneficiation and sintering of compact liminated and hydroxide iron ore samples from dalli mines of Bhilai<Madhya Pradesh> Steel Plant of Hindustan Steel Ltd.

Source: D NML/IRM

Report No: IR348

Location: B/C/3/B/65/3

Keywords: Iron ores

Beneficiation

Year: 1965

MFN: 0493ARCHIV.MST

Author: Dhar, SK

Banerjee, SK

Narayanan, PIA

Title: Production of sized sand for foundry and glass making from quarizite sands from Chaibasa, Singhbhum District, <Bihar>

Source: D NML/IRM

Report No: IR349

Location: B/C/3/B/65/3

Keywords: Sand

Year: 1965

MFN: 0494ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Flotation studies on a copper ore sample from Kolihan, <Rajasthan>
Source: D NML/IRM
Report No: IR350
Location: B/C/3/B/65/3
Keywords: Flotation
Copper ores
Year: 1965
MFN: 0495ARCHIV.MST

Author: N M L
Title: Investigation report on the utilization of dabok limestone for iron smelting
Source: D NML/IRM
Report No: IR351
Location: B/C/3/B/65/3
Keywords: Limestone
Year: 1965
MFN: 0496ARCHIV.MST

Author: Ray, SK.
Title: Present position of electro-palting industry in India and suggested ways and means to improve it.
Source: D NML/IRM
Report No: LR75
Location: B/C/3/B/65/4
Keywords: Electroplating
Year: 1965
MFN: 0497ARCHIV.MST

Author: Sinha, AN
Balasundaram, Lj
Title: Curie temperature of iron alloys
Source: D NML/IRM

Report No: RR187
Location: B/C/3/B/65/4
Keywords: Ferroalloys
Year: 1965
MFN: 0498ARCHIV.MST

Author: Prabhakaram, P
Title: Mineralogy of some Indian Kaolinitic calys and crystallinity of Kaolinite
Source: D NML/IRM
Report No: RR189
Location: B/C/3/B/65/4
Keywords: Minerals
Kaolin
Year: 1965
MFN: 0499ARCHIV.MST

Author: Prabhakaram, P
Title: Role of monovalent and divalent cations in the dehydroxylation if Kaolinite
Source: D NML/IRM
Report No: RR190
Location: B/C/3/B/65/4
Keywords: Kaolin
Year: 1965
MFN: 0500ARCHIV.MST

Author: Goswami, J
Chatterjee, AB
Mohan, Jatinder
Title: Investigation on carbon saturation in normal cupola practice
Source: D NML/IRM
Report No: RR194
Location: B/C/3/B/65/4

Keywords: Cupolas

Year: 1965

MFN: 0501ARCHIV.MST

Author: Singh, BN

Chakraborty, HK

Title: Electrolytic recovery of tin from Tinplate scrap

Source: D NML/IRM

Report No: RR195

Location: B/C/3/B/65/4

Keywords: Recovering
Tin

Year: 1965

MFN: 0502ARCHIV.MST

Author: Murthy, HPS

Kundra, MC

Rao, HV Bhaskar

Title: Studies on the mechanism of compaction of ceramic mixes of dry press
consistency

Source: D NML/IRM

Report No: RR197

Location: B/C/3/B/65/4

Keywords: Ceramics

Year: 1965

MFN: 0503ARCHIV.MST

Author: Ray, SK

Title: Formulation of electroplating salts. Part I - alkaline copper-plating salt

Source: D NML/IRM

Report No: RR198

Location: B/C/3/B/65/4

Keywords: Electroplating

Year: 1965

MFN: 0504ARCHIV.MST

Author: Ray, SK

Title: Formulation of electroplating salts part II - dull nickel plating salt

Source: D NML/IRM

Report No: RR199

Location: B/C/3/B/65/4

Keywords: Electroplating

Year: 1965

MFN: 0505ARCHIV.MST

Author: Chatterjee, AN

Ray, SK

Title: Formulation of electroplating salts part III - improvement on dull nickel plating salt

Source: D NML/IRM

Report No: RR200

Location: B/C/3/B/65/4

Keywords: Electroplating

Year: 1965

MFN: 0506ARCHIV.MST

Author: Mahanty, MS

Misra, RN

Bhatnagar, PP

Title: Extraction characteristics of alumina from mysore bauxite

Source: D NML/IRM

Report No: RR208

Location: B/C/3/B/65/4

Keywords: Extraction

Bauxite

Year: 1965

MFN: 0507ARCHIV.MST

Author: Chatterjee, AN

Banerjee, NG

Banerjee, T

Title: Determination of nitrogen in solid solution in steel by electro-chemical method

Source: D NML/IRM

Report No: RR209

Location: B/C/3/B/65/4

Keywords: Steels

Year: 1965

MFN: 0508ARCHIV.MST

Author: Gupta, RD

Gupte, PK

Nijhawan, BR

Title: Some laboratory-scale trials on electro-slag melting

Source: D NML/IRM

Report No: RR210

Location: B/C/3/B/65/4

Keywords: Electroslag

Year: 1965

MFN: 0509ARCHIV.MST

Author: Murthy, HPS

Chatterjee, Bimal

Title: Production of dense carbon aggregate from low and high volatile carbonaceous substances studies on high volatile lignituous coals of <Assam>

Source: D NML/IRM

Report No: RR212

Location: B/C/3/B/65/4

Keywords: Coal

Year: 1965

MFN: 0510ARCHIV.MST

Author: Murthy, HPS

Kundra, MC

Sen, PC

Rao, MRK

Rao, HV Bhaskar

Title: Pilot plant studies on the production of sorsterite refractories. Part I - study of process variables

Source: D NML/IRM

Report No: RR213

Location: B/C/3/B/65/4

Keywords: Refractories

Year: 1965

MFN: 0511ARCHIV.MST

Author: Sen, PC

Rao, M Ramakrishna

Dutt, Ashimesh

Rao, HV Bhaskar

Title: Occurrence and refractory properties of <Rajasthan> magnesite

Source: D NML/IRM

Report No: RR214

Location: B/C/3/B/65/4

Keywords: Magnesite

Year: 1965

MFN: 0512ARCHIV.MST

Author: Prakash, Ved

Tewari, CR

Nijhawan, BR

Title: Structure and magnetic properties of some alnico magnet alloys: effect of cooling rate and tempering treatment

Source: D NML/IRM

Report No: RR216

Location: B/C/3/B/65/4

Keywords: Magnetic alloys

Year: 1965

MFN: 0513ARCHIV.MST

Author: Subramanian, M

Sampath, VS

Bhatnagar, PP

Nijhawan, BR

Title: Studies on the recovery of zinc from zinc dross

Source: D NML/IRM

Report No: RR217

Location: B/C/3/B/65/4

Keywords: Dross

Zinc

Year: 1965

MFN: 0514ARCHIV.MST

Author: Ray, SK

Banerjee, T

Title: Electro-deposition of 18:8 stainless steel

Source: D NML/IRM

Report No: RR218

Location: B/C/3/B/65/4

Year: 1965

MFN: 0515ARCHIV.MST

Author: Prakash, Ved

Tewari, CR

Nijhawan, BR

Title: Perminvar effects in some alnico magnets

Source: D NML/IRM

Report No: RR219

Location: B/C/3/B/65/4

Keywords: Magnets

Year: 1965

MFN: 0516ARCHIV.MST

Author: Samanta, S

Misra, RN

Bhatnagar, PP

Title: Studies on the recovery of nickel from low grade siliceous ore

Source: D NML/IRM

Report No: RR220

Location: B/C/3/B/65/4

Keywords: Nickel

Recovering

Year: 1965

MFN: 0517ARCHIV.MST

Author: Nijhawan, BR

Sharma, C

Title: Scope for port-based iron
steel works

Source: D NML/IRM

Report No: SR148

Location: B/C/3/B/65/4

Keywords: Iron and steel

Year: 1965

MFN: 0518ARCHIV.MST

Author: Rakshit, KN

Raman, PV

Narayanan, PIA

Title: Flotation studies on a copper ore sample from <Rakha Mines>, <Bihar>, of
National Mineral Development Corporation Ltd.

Source: D NML/IRM

Report No: IR353

Location: B/C/3/B/66/1

Keywords: Flotation

Copper ores

Year: 1966

MFN: 0519ARCHIV.MST

Author: Ganesh, R

Gallagher, AEJ

Narayanan, PIA

Title: Beneficiation studies on a copper ore sample from shaft no.3,
<Khetri>,<Rajasthan>, of National Mineral Development Corporation Ltd.

Source: D NML/IRM

Report No: IR358

Location: B/C/3/B/66/1

Keywords: Beneficiation

Copper ores

Year: 1966

MFN: 0520ARCHIV.MST

Author: Ganesh, R

Gallagher, AEJ

Narayanan, PIA

Title: Beneficiation studies on a copper ore sample from, shaft no.3, <Khetri>, <Rajasthan>, of the National Mineral Development corporation Ltd.

Source: D NML/IRM

Report No: IR358

Location: B/C/3/B/66/1

Keywords: Beneficiation

Copper ores

Year: 1966

MFN: 0521ARCHIV.MST

Author: Arora, RC

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Amgonder> sand received from Director, Directorate of geology and Mining, Lucknow, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR360

Location: B/C/3/B/66/1

Keywords: Molding

Sand

Year: 1966

MFN: 0522ARCHIV.MST

Author: Dash, RR

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Maharashtra> silica sand (MSS-6)

Source: D NML/IRM

Report No: IR361

Location: B/C/3/B/66/1

Keywords: Molding

Sand

Year: 1966

MFN: 0523ARCHIV.MST

Author: Sinhababu, SK

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Bhainsahi> Glass Sand (Lower Unit) Yellow,
<Uttar Pradesh>

Source: D NML/IRM

Report No: IR362

Location: B/C/3/B/66/1

Keywords: Molding

Sand

Year: 1966

MFN: 0524ARCHIV.MST

Author: Ranganathan, MV

Chakraborty, N

Sengupta, BL

Rao, GS Ramakrishna

Mathur, GP

Narayanan, PIA

Title: Beneficiation and sintering studies on a sample of ore from <Meghataburu
Mines>, <Orissa> of National Mineral Development Corporation Ltd.

Source: D NML/IRM

Report No: IR363

Location: B/C/3/B/66/1

Keywords: Beneficiation

Iron ores

Year: 1966

MFN: 0525ARCHIV.MST

Author: Ranganathan, MV

Mathur, GP

Narayanan, PIA

Title: Reduction of silica content of a magnesite sample from Salem, Madras, employing crushing and screening methods <Tamil Nadu>

Source: D NML/IRM

Report No: IR364

Location: B/C/3/B/66/1

Keywords: Magnesite

Crushing

Year: 1966

MFN: 0526ARCHIV.MST

Author: Chatterjee, AB

Title: Investigation report on the utilization of low temperature carbonized coke made from Talcher <Non Coking coal> for iron smelting

Source: D NML/IRM

Report No: IR365

Location: B/C/3/B/66/1

Keywords: smelting

Year: 1966

MFN: 0527ARCHIV.MST

Author: Ranganathan, MV

Sengupta, BL

Chakraborty, N

Rao, GS Ramakrishna

Mathur, GP

Narayanan, PIA

Title: Pilot plant studies on beneficiation and sintering of a mixed laminated iron ore sample from Rajhara Mines of <Bhilai> Steel Plant, <Madhya Pradesh>. Hindustan Steel Ltd. <Madhya Pradesh>

Source: D NML/IRM

Report No: IR366

Location: B/C/3/B/66/1

Keywords: Beneficiation

Iron ores

Year: 1966

MFN: 0528ARCHIV.MST

Author: Chatterjee, AB

Title: Investigation report on the utilization of blended coke containing Assam coal for Iron Making

Source: D NML/IRM

Report No: IR367

Location: B/C/3/B/66/2

Keywords: Coke

Year: 1966

MFN: 0529ARCHIV.MST

Author: Bhandary, VS

Gupte, PK

Nijhawan, BR

Title: Use of Zircon sand in foundries

Source: D NML/IRM

Report No: IR369

Location: B/C/3/B/66/2

Keywords: Sand

Year: 1966

MFN: 0530ARCHIV.MST

Author: Dhar, SK

Banerjee, SK

Narayanan, PIA

Title: Beneficiation of a low grade iron ore from Goalpara, Assam

Source: D NML/IRM

Report No: IR370

Location: B/C/3/B/66/2

Keywords: Beneficiation

Iron ores

Year: 1966

MFN: 0531ARCHIV.MST

Author: Bose, AK

Prasad, TV

Title: Investigation on <Emery Flour>

Source: D NML/IRM

Report No: IR371

Location: B/C/3/B/66/2

Year: 1966

MFN: 0532ARCHIV.MST

Author: Rakshit, KN

Raman, PV

Narayanan, PIA

Title: Beneficiation of calcite from Sankaridurg, Madras <Tamil Nadu>

Source: D NML/IRM

Report No: IR372

Location: B/C/3/B/66/2

Keywords: Calcite

Beneficiation

Year: 1966

MFN: 0533ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of an iron ore sample from Kudremukh deposits,
Mysore<Karnataka>

Source: D NML/IRM

Report No: IR373
Location: B/C/3/B/66/2
Keywords: Beneficiation
Iron ores
Year: 1966
MFN: 0534ARCHIV.MST

Author: Sen, PC
Rao, M Rama Krishna
Title: Studies on sintering of Bhawanathpur Dolomite for its suitability as refractory material
Source: D NML/IRM
Report No: IR374
Location: B/C/3/B/66/2
Keywords: Dolomite
Year: 1966
MFN: 0535ARCHIV.MST

Author: Vijayanarayanan, KS
Naidu, NV
Title: Moulding characteristics of silica sand from Shankargarh, Central Railway
Source: D NML/IRM
Report No: IR375
Location: B/C/3/B/66/2
Keywords: Sand
Molding
Year: 1966
MFN: 0536ARCHIV.MST

Author: Banerjee, SK
Narayanan, PIA
Title: Beneficiation of a low grade limestone sample from M/S Rohtas Industries Ltd. Dalmianagar, <Bihar>

Source: D NML/IRM
Report No: IR376
Location: B/C/3/B/66/2
Keywords: Limestone
Beneficiation
Year: 1966
MFN: 0537ARCHIV.MST

Author: Bhatnagar, PP
Menon, MP
Nijhawan, BR
Title: Production of high carbon ferro chrome and silico chrome raw materials supplied by Messrs Ferro Alloys Corporation Ltd. Garividi
Source: D NML/IRM
Report No: IR377
Location: B/C/3/B/66/2
Keywords: Ferrochromium
Year: 1966
MFN: 0538ARCHIV.MST

Author: Sinha, PK
Narayanan, PIA
Title: Beneficiation of low grade kyanite from <Magarmohan Kyanite Mines>, pallahara, <Orissa>
Source: D NML/IRM
Report No: IR378
Location: B/C/3/B/66/2
Keywords: Kyanite
Beneficiation
Year: 1966
MFN: 0539ARCHIV.MST

Author: Ganesh, R

Chopra, MS

Narayanan, PIA

Title: Removal of Mica from <Jamuna River> Sand, <New Delhi>

Source: D NML/IRM

Report No: IR379

Location: B/C/3/B/66/2

Keywords: Sand

Year: 1966

MFN: 0540ARCHIV.MST

Author: Chakravorty, N

Mathur, GP

Narayanan, PIA

Title: Reduction of insoluble content of a <Selenite> sample from <Rajasthan>

Source: D NML/IRM

Report No: IR380

Location: B/C/3/B/66/2

Year: 1966

MFN: 0541ARCHIV.MST

Title: Investigation report on the injection of naphtha for Iron smelting

Source: D NML/IRM

Report No: IR381

Location: B/C/3/B/66/2

Keywords: Smelting

Year: 1966

MFN: 0542ARCHIV.MST

Author: Arora, RC

Singh, Autar

Title: Moulding characteristics of sand No. BTL-2 (Natural moulding sand) received from Punjab state industries department, <Chandigarh>.

Source: D NML/IRM
Report No: IR382
Location: B/C/3/B/66/2
Keywords: Molding
Sand
Year: 1966
MFN: 0543ARCHIV.MST

Author: Sastry, PR
Bhandary, VS
Gupta, PK
Title: Moulding characteristics of <kanchanpur> yellow sand, <Uttar Pradesh>
Source: D NML/IRM
Report No: IR383
Location: B/C/3/B/66/2
Keywords: Sand
Year: 1966
MFN: 0544ARCHIV.MST

Author: Sastry, PR
Bhandary, VS
Gupte, PK
Title: Moulding characteristics of <Kanchanpur> white sand <Uttar Pradesh>
Source: D NML/IRM
Report No: IR384
Location: B/C/3/B/66/2
Keywords: Sand
Year: 1966
MFN: 0545ARCHIV.MST

Author: Singh, HP
Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Maharashtra> silica sand (M-S-S.8)

Source: D NML/IRM

Report No: IR385

Location: B/C/3/B/66/2

Keywords: Sand

molding

Year: 1966

MFN: 0546ARCHIV.MST

Author: Singh, HP

Bhandary, VS

Title: Moulding characteristics of <Maharashtra> silica sand M-S-S-5.

Source: D NML/IRM

Report No: IR386

Location: B/C/3/B/66/2

Keywords: Sand

Molding

Year: 1966

MFN: 0547ARCHIV.MST

Author: Sinhababu, SK

Bhandary, VS

Gupta, PK

Title: Moulding characteristics of <Maharashtra> silica sand sample No. MSS-7

Source: D NML/IRM

Report No: IR387

Location: B/C/3/B/66/2

Keywords: Sand

Year: 1966

MFN: 0548ARCHIV.MST

Author: Arora, RC

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Maharashtra> sand sample No.MSS-1

Source: D NML/IRM

Report No: IR388

Location: B/C/3/B/66/2

Keywords: Molding

Sand

Year: 1966

MFN: 0549ARCHIV.MST

Author: Ranganathan, MV

Khatry, AK

Singh, Joga

Rao, GS Ramakrishna

Narayanan, PIA

Title: Pilot plant beneficiation studies on a low grade mixed <apatite> sample from
Singbhum District, <Bihar>

Source: D NML/IRM

Report No: IR389

Location: B/C/3/B/66/2

Keywords: Beneficiation

Year: 1966

MFN: 0550ARCHIV.MST

Author: Ranganathan, MV

Khatry, AK

Singh, Joga

Rao, GS Ramakrishna

Narayanan, PIA

Title: Pilot plant beneficiation studies on a low grade mixed apatite sample from
<Singbhum> district, <Bihar>

Source: D NML/IRM
Report No: IR389
Location: B/C/3/B/66/2
Keywords: Apatite
Beneficiation
Year: 1966
MFN: 0551ARCHIV.MST

Author: Sinha, PK
Narayanan, PIA
Title: Concentration of cobalt from cobalt bearing ferruginous manganese ore
from <Kalahandi>, <Orissa>
Source: D NML/IRM
Report No: IR390
Location: B/C/3/B/66/3
Keywords: Cobalt
Concentration
Year: 1966
MFN: 0552ARCHIV.MST

Author: Sinha, PK
Narayanan, PIA
Title: Concentration of cobalt from cobalt bearing ferruginous manganese ore
from Kalahandi, <Orissa>
Source: D NML/IRM
Report No: IR390
Location: B/C/3/B/66/2
Keywords: Cobalt
Concentrating
Manganese ores
Year: 1966
MFN: 0553ARCHIV.MST

Author: Dhar, SK

Banerjee, SK

narayanan, PIA

Title: Reduction of silica content in a magnesite sample (No.2) from Salem, Madras
<Tamil Nadu>

Source: D NML/IRM

Report No: IR391

Location: B/C/3/B/66/3

Keywords: Magnesite

Year: 1966

MFN: 0554ARCHIV.MST

Author: Dhar, SK

Banerjee, SK

Title: Reduction of silica content in a magnesite sample (N0.2) from salem,
Madras.<Tamil Nadu>

Source: D NML/IRM

Report No: IR391

Location: B/C/3/B/66/2

Keywords: Magnesite

Year: 1966

MFN: 0555ARCHIV.MST

Author: Dash, RR

Bhandary, VS

Gupta, PK

Title: Moulding characteistics of <Maharashtra> silica sand (MSS-3)

Source: D NML/IRM

Report No: IR392

Location: B/C/3/B/66/2

Keywords: Molding

Sand

Year: 1966

MFN: 0556ARCHIV.MST

Author: Dash, RR

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Maharashtra> Silica sand (MSS - 3)

Source: D NML/IRM

Report No: IR392

Location: B/C/3/B/66/3

Keywords: Molding

Sand

Year: 1966

MFN: 0557ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of low grade graphite from Palamau, <Bihar>

Source: D NML/IRM

Report No: IR393

Location: B/C/3/B/66/3

Keywords: Beneficiation

Graphite

Year: 1966

MFN: 0558ARCHIV.MST

Author: Rakshit, KN

Raman, PV

narayanan, PIA

Title: Beneficiation of graphite from M\s. National Carbon Co. Calcutta <West Bengal>

Source: D NML/IRM

Report No: IR394

Location: B/C/3/B/66/3

Keywords: Beneficiation

Graphite

Year: 1966

MFN: 0559ARCHIV.MST

Author: Khatry, AK

Dasgupta, SB

Mathur, GP

Narayanan, PIA

Title: Reduction of iron content in manganese ore from M\s. national Carbon Co.
Ltd., Calcutta, <West Bengal>

Source: D NML/IRM

Report No: IR395

Location: B/C/3/B/66/3

Keywords: Manganese ores

Reduction

Year: 1966

MFN: 0560ARCHIV.MST

Author: Arora, RC

Singh, Autar

Title: Moulding characteristics of sand sample no.BTL-3 (Natural Moulding Sand)
received from Punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR396

Location: B/C/3/B/66/3

Keywords: Molding

Sand

Year: 1966

MFN: 0561ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on molulding characteristics of sand from Tarakeswar, District
<Hooghly> <West Bengal>

Source: D NML/IRM

Report No: IR397

Location: B/C/3/B/66/3

Keywords: Molding

Sand

Year: 1966

MFN: 0562ARCHIV.MST

Author: Sastry, PR

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of <Maharashtra> silica sand (MSS.4)

Source: D NML/IRM

Report No: IR398

Location: B/C/3/B/66/3

Keywords: Sand

Molding

Year: 1966

MFN: 0563ARCHIV.MST

Author: Sengupta, BL

Banerjee, SK

Narayanan, PIA

Title: Sintering of iron ore fines from Bellary Hospet Area

Source: D NML/IRM

Report No: IR399

Location: B/C/3/B/66/3

Keywords: Iron ores

Fines

Sintering

Year: 1966

MFN: 0564ARCHIV.MST

Author: Singh, Savinder

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of silica sand from Sherthallai, <Kerala> State

Source: D NML/IRM

Report No: IR400

Location: B/C/3/B/66/3

Keywords: Molding

Sand

Year: 1966

MFN: 0565ARCHIV.MST

Author: Arora, RC

Singh, Autar

Title: Moulding characteristics of sand no.BTL-4 (Natural Moulding Sand) received from Punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR401

Location: B/C/3/B/66/3

Keywords: Molding

Sand

Year: 1966

MFN: 0566ARCHIV.MST

Author: Nijhawan, BR

Title: Feasibility project report for a foundry pig iron plant employing low temperature carbonized coke (Kolsit)

Source: D NML/IRM

Report No: Misc R/66/1

Location: B/C/3/B/66/3

Keywords: Pig iron

Year: 1966

MFN: 0567ARCHIV.MST

Author: Beck, TA

Bhandary, VS

Gupte, PK

Title: Study on the suitability of cellulose materials as core binders

Source: D NML/IRM

Report No: RR225

Location: B/C/3/B/66/2

Year: 1966

MFN: 0568ARCHIV.MST

Author: Subrahmanyam, AV

Murthy, HPS

Title: Laboratory study of Indian and foreign nozzles for pouring steel

Source: D NML/IRM

Report No: RR229

Location: B/C/3/B/66/3

Keywords: Steels

Nozzles

Year: 1966

MFN: 0569ARCHIV.MST

Author: Sarkar, SK

Chowdhury, AP

Title: Electronic potentiostat for study of <electrode> reactions

Source: D NML/IRM

Report No: RR231

Location: B/C/3/B/66/3

Year: 1966

MFN: 0570ARCHIV.MST

Author: Saxsena, CP

Title: Model on the study of slags and their utility as slag cement with the help of C.R. Techniques

Source: D NML/IRM

Report No: RR233

Location: B/C/3/B/66/3

Keywords: Slags

Year: 1966

MFN: 0571ARCHIV.MST

Author: Mathur, GP

Narayanan, PIA

Title: Beneficiation of minerals with particular reference to those of <Gujrat>

Source: D NML/IRM

Report No: SR158

Location: B/C/3/B/66/3

Keywords: Beneficiation

Minerals

Year: 1966

MFN: 0572ARCHIV.MST

Author: Banerjee, T

Title: Import substitution in engineering industries

Source: D NML/IRM

Location: B/C/3/C/67/3

Year: 1967

MFN: 0573ARCHIV.MST

Title: Revised project report for the production of 250 tonnes of magnesium metal per year

Source: D NML/IRM
Location: B/C/3/C/67/3
Keywords: Magnesium
Year: 1967
MFN: 0574ARCHIV.MST

Author: Dash, RR
Bhandary, VS
Gupte, PK
Title: Moulding characteristics of <Maharashtra> silica sand MSS-2
Source: D NML/IRM
Report No: IR402
Location: B/C/3/C/67/1
Keywords: Sand
Molding
Year: 1967
MFN: 0575ARCHIV.MST

Author: Arora, RC
Singh, Autar
Title: Moulding characteristics of sand sample no.GSP-A received from Punjab
State Industries Department <Chandigarh>
Source: D NML/IRM
Report No: IR403
Location: B/C/3/C/67/1
Keywords: Molding
Sand
Year: 1967
MFN: 0576ARCHIV.MST

Author: Raman, PV
Ganesh, R

Vijayaraghavan, K

Narayanan, PIA

Title: Studies on the Nundydroog gold ore with a view to improving gold recovery

Source: D NML/IRM

Report No: IR404

Location: B/C/3/C/67/1

Keywords: Gold ores

Year: 1967

MFN: 0577ARCHIV.MST

Author: Arora, RC

Singh, Autar

Title: Moulding characteristics of sand sample no.BTL-10(Natural moulding sand) received from punjab State Industries Deptt., <Chandigarh>

Source: D NML/IRM

Report No: IR405

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0578ARCHIV.MST

Author: Arora, RC

Singh, Autar

Title: Moulding characteristics of BTL-12 sand (natural moulding sand) received from punjab State industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR406

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0579ARCHIV.MST

Author: Singh, Savinder

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of silica sand sample no.11 from Kanhan

Source: D NML/IRM

Report No: IR408

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0580ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from Dumdumi, District purulia, <West Bengal>

Source: D NML/IRM

Report No: IR409

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0581ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from Bagulia, District <Purulia> ,<West Bengal>

Source: D NML/IRM

Report No: IR410

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0582ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on molding sand from Ondal , District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR411

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0583ARCHIV.MST

Author: Arora, RC

Singh, Autar

Title: Moulding characteristics of sand sample no. BTL - 17 (Natural moulding sand) received from punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR412

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0584ARCHIV.MST

Author: Singh, HP

Bhandary, VS

Gupte, PK

Title: Moulding characteristics of silica sand sample no.1 from Kanhan <Maharashtra>

Source: D NML/IRM

Report No: IR413
Location: B/C/3/C/67/1
Keywords: Molding
Sand
Year: 1967
MFN: 0585ARCHIV.MST

Author: Sinha, PK
Narayanan, PIA
Title: Studies on beneficiation of low grade pyrite-pyrrhotite from Saladipura Area, District Sikar, <Rajasthan>
Source: D NML/IRM
Report No: IR414
Location: B/C/3/C/67/1
Keywords: Beneficiation
Iron ores
Year: 1967
MFN: 0586ARCHIV.MST

Author: Banerjee, SK
Narayanan, PIA
Title: Beneficiation of <pyrite>-<pyrrhotite> from Saladipura Area, Dist. Sikar, <Rajasthan>
Source: D NML/IRM
Report No: IR415
Location: B/C/3/C/67/1
Keywords: Iron ores
Year: 1967
MFN: 0587ARCHIV.MST

Author: Vijayaraghavan, K
Raman, PV
Narayanan, PIA

Title: Beneficiation of manganiferous clay from <Goa>

Source: D NML/IRM

Report No: IR416

Location: B/C/3/C/67/1

Keywords: Beneficiation
Clay

Year: 1967

MFN: 0588ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Title: Moulding characteristics of sand received from M\s. Unicorn (P) Ltd. Madras
<Tamil Nadu>

Source: D NML/IRM

Report No: IR417

Location: B/C/3/C/67/1

Keywords: Molding
Sand

Year: 1967

MFN: 0589ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Title: Moulding characteristics of G.S.I. sand (I) received from Geological Survey
of India

Source: D NML/IRM

Report No: IR418

Location: B/C/3/C/67/1

Keywords: Molding
Sand

Year: 1967

MFN: 0590ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Title: Moulding characteristics of G.S.I. sand (II) received from Geological Survey of India, <GSI>

Source: D NML/IRM

Report No: IR419

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0591ARCHIV.MST

Author: Arora, RC

Title: Moulding characteristics of sand sample no.BTL - 5 (Natural moulding sand) received from punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR420

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0592ARCHIV.MST

Author: Arora, RC

Title: Moulding characteristics of BY4TL-9 sand received from Punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR421

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0593ARCHIV.MST

Author: Khatry, AK

Narayanan, PIA

Title: Investigation on the crushing
grinding characteristics of granite, blackrock and orepebbles for use as
grinding media in pebble mills at Nundydroog, <Kolar> Gold Mines, Mysore,
<Karnataka>

Source: D NML/IRM

Report No: IR422

Location: B/C/3/C/67/1

Keywords: Gold ores

Year: 1967

MFN: 0594ARCHIV.MST

Author: Mahanty, MS

Misra, RN

Bhatnagar, PP

Title: Studies on the extraction of nickel from a low grade nickeliferous serpentine
ore from <Rajasthan>

Source: D NML/IRM

Report No: IR423

Location: B/C/3/C/67/1

Keywords: Extraction

Nickel

Nickel ores

Year: 1967

MFN: 0595ARCHIV.MST

Author: Staff of Mineral Beneficiation Pilot Plant

Title: Crushing and screening of - fines from three iron ore samples from deposit
no.14 of Bailadila iron ore mines of the National Mineral Development
Corporation, <Rajasthan>

Source: D NML/IRM

Report No: IR424

Location: B/C/3/C/67/1

Keywords: Iron ores

Beneficiation

Year: 1967

MFN: 0596ARCHIV.MST

Author: Rakshit, KN

Raman, PV

Narayanan, PIA

Title: Beneficiation of ferruginous bauxite

Source: D NML/IRM

Report No: IR425

Location: B/C/3/C/67/1

Keywords: Beneficiation

Bauxite

Year: 1967

MFN: 0597ARCHIV.MST

Author: Dhar, SK

Banerjee, SK

narayanan, PIA

Title: Beneficiation of low grade quartz sillimanite schist from Sonapahar, <Assam>

Source: D NML/IRM

Report No: IR426

Location: B/C/3/C/67/1

Keywords: Beneficiation

Sillimanite

Aluminum ores

Year: 1967

MFN: 0598ARCHIV.MST

Author: Singh, Savinder

Bhandary, VS

Gupte, PK

Title: Investigation on the <Kutch> bentonite III

Source: D NML/IRM

Report No: IR427

Location: B/C/3/C/67/1

Keywords: Bentonite

Year: 1967

MFN: 0599ARCHIV.MST

Author: N M L

Title: Investigation report on Kanhwara Hill iron ores of <Madhya Pradesh>

Source: D NML/IRM

Report No: IR428

Location: B/C/3/C/67/1

Keywords: Iron ores

Year: 1967

MFN: 0600ARCHIV.MST

Author: Sinha, PK

Narayanan, PIA

Title: Beneficiation of kyanite from Rajkharswan Mines, <Bihar>

Source: D NML/IRM

Report No: IR430

Location: B/C/3/C/67/1

Keywords: Beneficiation

Kyanite

Year: 1967

MFN: 0601ARCHIV.MST

Author: Mahanty, MS

Misra, RN

Bhatnagar, PP

Title: Studies on extraction of nickel from low grade nickeliferous lateritic ores from Sukinda, <Orissa>

Source: D NML/IRM

Report No: IR431

Location: B/C/3/C/67/1

Keywords: Extraction

Nickel

Year: 1967

MFN: 0602ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from Upardih, District Purulia, <West Bengal>

Source: D NML/IRM

Report No: IR432

Location: B/C/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 0603ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sands from Andal, District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR433

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0604ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sands from dubchururia District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR434

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0605ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from gopalmath, District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR435

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0606ARCHIV.MST

Author: Khatry, AK

Ganesh, R

Narayanan, PIA

Title: Beneficiation of low grade graphite from khammam District, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR436

Location: B/C/3/C/67/1

Keywords: Graphite

Beneficiation

Year: 1967

MFN: 0607ARCHIV.MST

Author: Sampath, VS

Basak, G

Bhatnagar, PP

Title: Recovery of metallic zinc from zinc blowings and utilisation of zinc skimmings

Source: D NML/IRM

Report No: IR437

Location: B/C/3/C/67/1

Keywords: Zinc

Recovery

Year: 1967

MFN: 0608ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Beneficiation of high silica magnesite from Kadakola Mines, Dodkanya, Mysore, <Karnataka>

Source: D NML/IRM

Report No: IR438

Location: B/C/3/C/67/1

Keywords: Magnesite

Beneficiation

Year: 1967

MFN: 0609ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from Sashpur, District Purulia, <West Bengal>

Source: D NML/IRM

Report No: IR441

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0610ARCHIV.MST

Author: Arora, RC

Title: Moulding characteristics of sand samples no.GSP-3 received from Department of Industry, Govt. of <Punjab>

Source: D NML/IRM

Report No: IR448

Location: B/C/3/C/67/1

Keywords: Sand

Molding

Year: 1967

MFN: 0611ARCHIV.MST

Author: Chopra, MS

Narayanan, PIA

Title: Preliminary report on the possibility of lowering phosphorous in three iron ore samples from <Madhya Pradesh>

Source: D NML/IRM

Report No: IR449

Location: B/C/3/C/67/1

Keywords: Iron ores

Year: 1967

MFN: 0612ARCHIV.MST

Author: Sankaran, C

Bhoray, SS

Mohanty, MS

Srinivasan, SR

Bhatnagar, PP

Title: Extraction characteristics of alumina from <Gujrat> Bauxites

Source: D NML/IRM

Report No: RR243

Location: B/C/3/C/67/2

Keywords: Bauxite

Year: 1967

MFN: 0613ARCHIV.MST

Author: Kumar, rajendra

Sivaramakrishnan, CS

Title: Stability of liquid-lead-cadmium system

Source: D NML/IRM

Report No: RR245

Location: B/C/3/C/67/2

Keywords: lead

Cadmium

Year: 1967

MFN: 0614ARCHIV.MST

Author: Sharma, C

Pramanik, S

Title: Plastic laminated sheet steel and aluminium

Source: D NML/IRM

Report No: RR248

Location: B/C/3/C/67/2

Keywords: Strip steel

Year: 1967

MFN: 0615ARCHIV.MST

Author: Rao, GS Ramakrishna
Mathur, GP
narayanan, PIA
Title: Beneficiation of Indian iron ores
Source: D NML/IRM
Report No: SR161
Location: B/C/3/C/67/2
Keywords: Beneficiation
Iron ores
Year: 1967
MFN: 0616ARCHIV.MST

Author: Rao, GS Ramakrishna
Mathur, GP
Narayanan, PIA
Title: Beneficiation studies of some Indian iron ores
Source: D NML/IRM
Report No: SR162
Location: B/C/3/C/67/1
Keywords: Beneficiation
Iron ores
Year: 1967
MFN: 0617ARCHIV.MST

Author: Raman, PV
Narayanan, PIA
Title: Selective flotation of complex sulphur ores of India
Source: D NML/IRM
Report No: SR163
Location: B/C/3/C/67/1
Keywords: Flotation

Sulfur ores

Year: 1967

MFN: 0618ARCHIV.MST

Author: Ganesh, R

Narayanan, PIA

Title: Beneficiation of ores with particular reference to those of <Orissa>

Source: D NML/IRM

Report No: SR164

Location: B/C/3/C/67/1

Keywords: Beneficiation

Ores

Year: 1967

MFN: 0619ARCHIV.MST

Author: Narayanan, PIA

Rao, GS Ramakrishna

Title: Beneficiation of Indian iron ores and allied problems

Source: D NML/IRM

Report No: SR165

Location: B/C/3/C/67/1

Keywords: Beneficiation

Iron ores

Year: 1967

MFN: 0620ARCHIV.MST

Author: Verma, MNP

Arora, RC

Title: Moulding characteristics of BIL 7 sand received from <Punjab> state industries department, <Chandigarh>

Source: D NML/IRM

Location: B/C/3/C/68/2

Keywords: Molding
Sand

Year: 1968

MFN: 0621ARCHIV.MST

Author: N M L

Title: Preliminary project report on production of 3 Ton | day electrolytic Manganese

Source: D NML/IRM

Location: B/C/3/C/68/3

Keywords: Electrolytic Manganese

Year: 1968

MFN: 0622ARCHIV.MST

Author: Khatry, AK

Narayanan, PIA

Title: Investigation on the grinding characteristics and bond's Work Index on calcined kyanite sample from M\s. McNally Bird Engg. Co., Kumardhubi, <Dhanbad>, <Bihar>

Source: D NML/IRM

Report No: IR451

Location: B/C/3/C/68/1

Keywords: Kyanite

Year: 1968

MFN: 0623ARCHIV.MST

Author: Sengupta, BL

Sinha, PK

Mathur, GP

Narayanan, PIA

Title: Sintering of iron ore fines from Mysore iron steel works Limited, <Bhadravati>, <Karnataka>

Source: D NML/IRM

Report No: IR452

Location: B/C/3/C/68/1

Keywords: Iron ores

Fines

Year: 1968

MFN: 0624ARCHIV.MST

Author: Beck, TA

Bhandary, VS

Gupte, PK

Title: Suitability of yellow dextrine as a core binder

Source: D NML/IRM

Report No: IR453

Location: B/C/3/C/68/1

Keywords: Binders

Year: 1968

MFN: 0625ARCHIV.MST

Author: Basak, G

Sampath, VS

Bhatnagar, PP

Title: Studies on the recovery of zinc from zinc dross produced at the workshop,
post and telegraphs, Calcutta, <West Bengal>

Source: D NML/IRM

Report No: IR457

Location: B/C/3/C/68/1

Keywords: Zinc

Recovery

Dross

Year: 1968

MFN: 0626ARCHIV.MST

Author: Rakshit, KN

Raman, PV

Narayanan, PIA

Title: Beneficiation of phosphate rock sample from 'maton Block' of <Udaipur>
District, <Rajasthan>

Source: D NML/IRM

Report No: IR458

Location: B/C/3/C/68/1

Keywords: Beneficiation

Phosphates

Year: 1968

MFN: 0627ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from Panbatipir, District <Purulia> <West
Bengal>

Source: D NML/IRM

Report No: IR459

Location: B/C/3/C/68/1

Keywords: Sand

Molding

Year: 1968

MFN: 0628ARCHIV.MST

Author: Sengupta, BL

Raman, PV

Narayanan, PIA

Title: Beneficiation studies on an argillaceous limestone sample from Dungri
limestone quarry of <Orissa> Mining Corporation Ltd.

Source: D NML/IRM

Report No: IR461

Location: B/C/3/C/68/1

Keywords: Beneficiation

Limestone

Year: 1968

MFN: 0629ARCHIV.MST

Author: Chakraborty, N

Mathur, GP

Narayanan, PIA

Title: Production of sized sand for the glass industry from a sandstone sample from
<Gujrat>

Source: D NML/IRM

Report No: IR462

Location: B/C/3/C/68/1

Keywords: Glass

Year: 1968

MFN: 0630ARCHIV.MST

Author: Dhar, SK

Narayanan, PIA

Title: Beneficiation of poor grade kyanite from Amda Lapso Mines, <Bihar>

Source: D NML/IRM

Report No: IR463

Location: B/C/3/C/68/1

Keywords: Beneficiation

Kyanite

Year: 1968

MFN: 0631ARCHIV.MST

Author: Rakshit, KN

Dhar, SK

Narayanan, PIA

Title: Settling and filtration tests on the acid grade concentrate from a mixed
fluorspar sample from Dungarpur, <Rajasthan>

Source: D NML/IRM

Report No: IR464

Location: B/C/3/C/68/1

Keywords: Fluorite

Year: 1968

MFN: 0632ARCHIV.MST

Author: Satyanarayana, C

Rao, GS Ramakrishna

Narayanan, PIA

Title: Recovery of nickel and apatite from the copper ore of Indian Copper Corpn., <Ghatsila>, <West Bengal>

Source: D NML/IRM

Report No: IR465

Location: B/C/3/C/68/1

Keywords: Copper ores

Recovery

Nickel

Year: 1968

MFN: 0633ARCHIV.MST

Author: Verma, BP

Singh, Narinder

Title: Recovery of germanium and gallium from coal, fly ash and flue dust

Source: D NML/IRM

Report No: IR466

Location: B/C/3/C/68/1

Keywords: Fly ash

Recovery

Gallium

Germanium

Flue dust

Year: 1968

MFN: 0634ARCHIV.MST

Author: Rao, P.D. Prasad

Mathur, GP

Narayanan, PIA

Title: Crushing and wet screening tests with an iron ore sample from deposit no.5 of Bailadila Iron ore mines of <NMDC>, <Rajasthan>

Source: D NML/IRM

Report No: IR468

Location: B/C/3/C/68/1

Keywords: Iron ores

Crushing

Year: 1968

MFN: 0635ARCHIV.MST

Author: Ranganathan, MV

Narayanan, PIA

Title: Heavy media separation tests with the pyrite samples from Amjhore, Shahabad Dt., <Bihar>

Source: D NML/IRM

Report No: IR469

Location: B/C/3/C/68/1

Keywords: Pyrite

Year: 1968

MFN: 0636ARCHIV.MST

Author: Ranganathan, MV

Raman, PV

Dasgupta, SB

Mathur, GP

Narayanan, PIA

Title: Batch as well as pilot plant beneficiation studies with a low grade fluorspar from Ambadongar, Dist. <Baroda> and detailed proposals for setting up of a

500 tonnes per day beneficiation plant for the <Gujrat> Mineral development Corporation Ltd.

Source: D NML/IRM

Report No: IR471

Location: B/C/3/C/68/1

Keywords: Beneficiation

Fluorite

Year: 1968

MFN: 0637ARCHIV.MST

Author: Sinha, PK

Narayanan, PIA

Title: Recovery of diamond and concentration of TiO_2 from -20 mesh fraction of Diamondiferous tuff from NMDC <Madhya Pradesh>

Source: D NML/IRM

Report No: IR472

Location: B/C/3/C/68/1

Keywords: Diamond

Concentration

Year: 1968

MFN: 0638ARCHIV.MST

Author: Raman, PV

Prasad, S

Narayanan, PIA

Title: Beneficiation of a high silica limestone (Sample No CG1) from <Yeotmal> Dt. <Maharashtra>

Source: D NML/IRM

Report No: IR473

Location: B/C/3/C/68/1

Keywords: Limestone

Year: 1968

MFN: 0639ARCHIV.MST

Author: Raman, PV

Prasad, S

Narayanan, PIA

Title: Beneficiation of Limestone sample (KAG 1) from <Yeotmal> Dt. Maharashtra

Source: D NML/IRM

Report No: IR474

Location: B/C/3/C/68/1

Keywords: Limestone

Beneficiation

Year: 1968

MFN: 0640ARCHIV.MST

Author: Chakravorty, N

Narayanan, PIA

Title: Pelletisation of chrome ore concentrates from <Orissa>

Source: D NML/IRM

Report No: IR475

Location: B/C/3/C/68/1

Keywords: Pelleting

Chromium ores

Year: 1968

MFN: 0641ARCHIV.MST

Author: Sengupta, BL

Narayanan, PIA

Title: Sintering of Chrome ores fines from Orissa

Source: D NML/IRM

Report No: IR476

Location: B/C/3/C/68/1

Keywords: Sintering

Chromium Ores

Year: 1968

MFN: 0642ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, KV

Gupta, RNP

Title: Moulding characteristics of natural moulding sand received from M/s
Supertech casting ltd. Madras <Tamil Nadu>

Source: D NML/IRM

Report No: IR478

Location: B/C/3/C/68/1

Keywords: Molding

Sand

Year: 1968

MFN: 0643ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on Ichhanagri moulding sand from <Howrah> Dt. <West
Bengal>

Source: D NML/IRM

Report No: IR479

Location: B/C/3/C/68/1

Keywords: Sand

Molding

Year: 1968

MFN: 0644ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on Mundeswari River Sand from Harinkhola district <Hooghly>
<West Bengal>

Source: D NML/IRM

Report No: IR480

Location: B/C/3/C/68/1

Keywords: Sand

Year: 1968

MFN: 0645ARCHIV.MST

Author: Vijayanarayanan, KS

Gupta, RNP

Naidu, NV

Title: Moulding characteristics of natural moulding sand received from M/S. model foundry, Madras-32.

Source: D NML/IRM

Report No: IR481

Location: B/C/3/C/68/2

Keywords: Molding

Sand

Year: 1968

MFN: 0646ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample No KS 4 received from the department of industries, Govt. of Punjab

Source: D NML/IRM

Report No: IR483

Location: B/C/3/C/68/2

Keywords: Molding

Sand

Year: 1968

MFN: 0647ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no LS-2 received from the department of industries, Govt of <Punjab>

Source: D NML/IRM

Report No: IR484

Location: B/C/3/C/68/2

Keywords: Molding

Sand

Year: 1968

MFN: 0648ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no GSP -4 received from <Punjab> state industries deptment, Chandigarh

Source: D NML/IRM

Report No: IR485

Location: B/C/3/C/68/2

Keywords: Molding

Sand

Year: 1968

MFN: 0649ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no GSP 5 received from the department of industries Govt of <Punjab>

Source: D NML/IRM

Report No: IR486

Location: B/C/3/C/68/2

Keywords: Molding

Sand

Year: 1968

MFN: 0650ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no GSP 6 received from the department of industries Govt of <Punjab>

Source: D NML/IRM

Report No: IR487

Location: B/C/3/C/68/2

Keywords: Molding

Sand

Year: 1968

MFN: 0651ARCHIV.MST

Author: Ganesh, R

Rao, Ramakrishna GS

Narayanan, PIA

Title: Flotation studies for the recovery of Molybdenum, Copper and Nickel Minerals from Uranium ore samples from <Jaduguda> Mines, Bihar

Source: D NML/IRM

Report No: IR488

Location: B/C/3/C/68/2

Keywords: Flotation

Recovery

Molybdenum

Copper

Nickel

Year: 1968

MFN: 0652ARCHIV.MST

Author: Ranganathan, MV

Narayanan, PIA

Title: Beneficiation of graphite from Gangavaram mines, Mahbubabad, <Andhra Pradesh>

Source: D NML/IRM
Report No: IR489
Location: B/C/3/C/68/2
Keywords: Graphite
Beneficiation
Year: 1968
MFN: 0653ARCHIV.MST

Author: Sengupta, SK
Dasgupta, SB
Narayanan, PIA
Title: Beneficiation of low grade graphite from Lohit Dt. Nefa <Assam>
Source: D NML/IRM
Report No: IR490
Location: B/C/3/C/68/2
Keywords: Beneficiation
Graphite
Year: 1968
MFN: 0654ARCHIV.MST

Author: Dhar, SK
Ramn, PV
Narayanan, PIA
Title: Upgrading of a silica sand sample from Ratnagiri District, <Maharashtra>
Source: D NML/IRM
Report No: IR491
Location: B/C/3/C/68/2
Keywords: Sand
Year: 1968
MFN: 0655ARCHIV.MST

Author: Singh, Joga

Rao, GS Ramakrishna

Narayanan, PIA

Title: Studies on mineralogy, crushability and reducibility of three iron ore samples from <Surjagarh> deposit of Chanda Dt, <Maharashtra>

Source: D NML/IRM

Report No: IR492

Location: B/C/3/C/68/2

Keywords: Iron ores

Mineralogy

Year: 1968

MFN: 0656ARCHIV.MST

Author: Satyanarayana, G

Banerjee, SK

Narayanan, PIA

Title: Beneficiation of phosphate rock from Masrana block, <Mussoorie>area, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR493

Location: B/C/3/C/68/2

Keywords: Beneficiation

Year: 1968

MFN: 0657ARCHIV.MST

Author: Radhakrishnan, G

Banerjee, SK

Narayanan, PIA

Title: Beneficiation of low grade graphite from Errametla Mines, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR494

Location: B/C/3/C/68/2

Keywords: Graphite

Beneficiation

Year: 1968

MFN: 0658ARCHIV.MST

Author: Dash, RR

Bhandary, VS

Gupte, PK

Title: Investigation on the <Kutch> , <Gujrat> bentonite marked SC

Source: D NML/IRM

Report No: IR495

Location: B/C/3/C/68/2

Keywords: Bentonite

Year: 1968

MFN: 0659ARCHIV.MST

Author: Dash, RR

Bhandary, VS

Gupte, PK

Title: Investigation on the <Kutch> <Gujrat> Bentonite marked MI

Source: D NML/IRM

Report No: IR496

Location: B/C/3/C/68/2

Keywords: Bentonite

Year: 1968

MFN: 0660ARCHIV.MST

Author: Singh, HP

Bhandary, VS

Gupte, VK

Title: Investigation on the Assam Bentonite II

Source: D NML/IRM

Report No: IR497

Location: B/C/3/C/68/2

Keywords: Bentonite

Year: 1968

MFN: 0661ARCHIV.MST

Author: Kumar, Rajendra

Title: Clusters in liquid metals

Source: D NML/IRM

Report No: LR84

Location: B/C/3/C/68/3

Keywords: Liquid Metals

Year: 1968

MFN: 0662ARCHIV.MST

Author: Viswanathan, PV

Misra, RN

Bhatnagar, PP

Title: Studies on recovery of vanadium from calcium complex vanadate salt

Source: D NML/IRM

Report No: RR252

Location: B/C/3/C/68/1

Keywords: Recovery

Vanadium

Year: 1968

MFN: 0663ARCHIV.MST

Author: Viswanathan, PV

Misra, RN

Bhatnagar, PP

Title: Studies on recovery of Vanadium from calcium complex vanadate salt

Source: D NML/IRM

Report No: RR252

Location: B/C/3/C/68/3

Keywords: Vanadium

Recovery

Year: 1968

MFN: 0664ARCHIV.MST

Author: Bhatnagar, PP

Misra, RN

Srinivasan, SR

Viswanathan, PV

Title: New approach to thermal beneficiation of low grade ferruginous ores

Source: D NML/IRM

Report No: RR256

Location: B/C/3/C/68/3

Keywords: Beneficiation

ores

Year: 1968

MFN: 0665ARCHIV.MST

Author: Bhatnagar, PP

Misra, RN

Srinivasan, SR

Viswanathan, PV

Title: New approach to thermal beneficiation of low-grade ferruginous ores

Source: D NML/IRM

Report No: RR256

Location: B/C/3/C/68/1

Keywords: Beneficiation

Year: 1968

MFN: 0666ARCHIV.MST

Author: Bhoray, SS

Sampath, VS

Bhatnagar, PP

Title: Studies on desilication of siliceous bauxite from Kashmir, <Jammu and Kashmir>

Source: D NML/IRM

Report No: RR257

Location: B/C/3/C/68/1

Keywords: Bauxite

Year: 1968

MFN: 0667ARCHIV.MST

Author: Bhoray, SS

Sampath, VS

Bhatnagar, PP

Title: Studies on desilication of siliceous bauxite from <Kashmir>

Source: D NML/IRM

Report No: RR257

Location: B/C/3/C/68/3

Keywords: Bauxite

Year: 1968

MFN: 0668ARCHIV.MST

Author: Samanta, S

Misra, RN

Bhatnagar, PP

Title: Studies on the thermal beneficiation of ilmenite by removal of iron

Source: D NML/IRM

Report No: RR260

Location: B/C/3/C/68/1

Keywords: Ilmenite

Beneficiation

Year: 1968

MFN: 0669ARCHIV.MST

Author: Samanta, S

Misra, RN

Bhatnagar, PP

Title: Studies on the thermal beneficiation of ilmenite by removal of iron

Source: D NML/IRM

Report No: RR260

Location: B/C/3/C/68/3

Keywords: Beneficiation

Ilmenite

Year: 1968

MFN: 0670ARCHIV.MST

Author: Rao, GS Ramakrishna

Narayanan, PIA

Title: Beneficiation of phosphate rock and pyrite for utilization in the <fertilizer>
industry

Source: D NML/IRM

Report No: SR167

Location: B/C/3/C/68/1

Keywords: Beneficiation

Phosphates

Pyrite

Year: 1968

MFN: 0671ARCHIV.MST

Author: Rao, GS Ramakrishna

Narayanan, PIA

Title: Beneficiation of phosphate rock and pyrite for utilization in the <fertilizer>
industry

Source: D NML/IRM

Report No: SR167

Location: B/C/3/C/68/3

Keywords: Beneficiation

Phosphates

Pyrite

Year: 1968

MFN: 0672ARCHIV.MST

Author: Rao, GS Ramakrishna

Mathur, GP

Narayanan, PIA

Title: Beneficiation and sintering studies with <Kiriburu> iron ore for Bokaro Steel plant

Source: D NML/IRM

Report No: SR168

Location: B/C/3/C/68/3

Keywords: Iron ores

Beneficiation

Year: 1968

MFN: 0673ARCHIV.MST

Author: Ganesh, R

Banerjee, SK

Narayanan, PIA

Title: Beneficiation studies on copper ore samples from <Rajasthan>

Source: D NML/IRM

Report No: SR173

Location: B/C/3/C/68/1

Keywords: Beneficiation

Copper ores

Year: 1968

MFN: 0674ARCHIV.MST

Author: Ganesh, R

Banerjee, SK

Narayanan, PIA

Title: Beneficiation studies on copper ore samples from Rajasthan

Source: D NML/IRM

Report No: SR173

Location: B/C/3/C/68/3

Keywords: Copper ores

Beneficiation

Year: 1968

MFN: 0675ARCHIV.MST

Author: Vijayaraghavan, K

Dhar, SK

Rao, PDP

Sinha, PK

Rao, GS Ramakrishna

Narayanan, PIA

Title: Batch as well as pilot plant beneficiation studies for the recovery of copper, nickel and molybdenum from low grade copper ore from Rakha Mines, and detailed proposals for setting up of a 1000 tonnes per day beneficiation plant, <Bihar>

Source: D NML/IRM

Report No: IR498

Location: B/C/3/D/69/1

Keywords: Copper ores

Beneficiation

Copper

Nickel

Molybdenum

Year: 1969

MFN: 0676ARCHIV.MST

Author: Pandey, AM

Sengupta, PL

Dhananjayan, N

Chakraborty, N

Title: Suitability of the 14 sample of manganese ore, supplied by manganese ore (India) Ltd., Nagpur, <Maharashtra> for production of <electrolytic> manganese

Source: D NML/IRM

Report No: IR499

Location: B/C/3/D/69/1

Keywords: Manganese ores

Manganese

Year: 1969

MFN: 0677ARCHIV.MST

Author: Rao, PDP

Dasgupta, SB

Narayanan, PIA

Title: Beneficiation of three pyrite samples from Amjhore, <Bihar>

Source: D NML/IRM

Report No: IR500

Location: B/C/3/D/69/1

Keywords: Beneficiation

Pyrite

Year: 1969

MFN: 0678ARCHIV.MST

Author: Bhattacharya, HP

Ghosh, A

Mukherjee, JK

Title: Investigation on molybdenum concentrates obtained from Rakha Mines

Source: D NML/IRM

Report No: IR501

Location: B/C/3/D/69/1

Year: 1969

MFN: 0679ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Studies on moulding sands from West Bengal part I District Purulia, <West Bengal>

Source: D NML/IRM

Report No: IR504

Location: B/C/3/D/69/1

Keywords: Sand

Molding

Year: 1969

MFN: 0680ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Title: Study of foundry sands of Southern Region for Foundry Moulding purposes

Source: D NML/IRM

Report No: IR505

Location: B/C/3/D/69/1

Year: 1969

MFN: 0681ARCHIV.MST

Author: Chakraborty, N

Mathur, GO

Narayanan, PIA

Title: Pelletization of metallurgical grade of fluorspar concentrate from Ambadobgyr, Gujrat

Source: D NML/IRM

Report No: IR506

Location: B/C/3/D/69/1

Year: 1969

MFN: 0682ARCHIV.MST

Author: Khatry, AK

Rao, GS Ramakrishna

Narayanan, PIA

Title: Grinding characteristics and work Index of ferro-silicon and calcined dolomite sample

Source: D NML/IRM

Report No: IR507

Location: B/C/3/D/69/1

Year: 1969

MFN: 0683ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no.LS-1 received from Punjab State Industries Department, Chandigarh

Source: D NML/IRM

Report No: IR508

Location: B/C/3/D/69/1

Year: 1969

MFN: 0684ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no.GSP-7 received from Punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR509

Location: B/C/3/D/69/1

Keywords: Molding

Sand

Year: 1969

MFN: 0685ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no. GSP - 22 received from Punjab State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR510

Location: B/C/3/D/69/1

Keywords: Molding

Sand

Year: 1969

MFN: 0686ARCHIV.MST

Author: Kunwar, RK

Sinha, PK

Mathur, GP

narayanan, PIA

Title: Studies on crushing
washing of a mixed iron ore sample from Kiriburu mines of N.M.D.C. for
supply of ore to Bokaro Steel Plant, <Bihar>

Source: D NML/IRM

Report No: IR511

Location: B/C/3/D/69/1

Keywords: Crushing

Iron ores

Year: 1969

MFN: 0687ARCHIV.MST

Author: Dhar, SK

Raman, PV

Narayanan, PIA

Title: Beneficiation of a low grade phosphate rock from Kararia Hill mine, Udaipur Dt., <Rajasthan>

Source: D NML/IRM

Report No: IR512

Location: B/C/3/D/69/1

Keywords: Beneficiation

Phosphates

Year: 1969

MFN: 0688ARCHIV.MST

Author: Ranganathan, MV

Narayanan, PIA

Title: Batch heavy media separation tests with the four pyrite samples from Amjhore, Shahabad Dist., <Bihar>

Source: D NML/IRM

Report No: IR513

Location: B/C/3/D/69/1

Keywords: Pyrite

Year: 1969

MFN: 0689ARCHIV.MST

Author: Prasad, S

Raman, PV

Narayanan, PIA

Title: Beneficiation studies on a low grade nickeliferous laterite from Sukinda, <Orissa>

Source: D NML/IRM

Report No: IR514

Location: B/C/3/D/69/1

Keywords: Beneficiation

Laterite

Year: 1969

MFN: 0690ARCHIV.MST

Author: Singh, SP

Beck, TA

Gupte, PK

Title: Investigation on powder resin received from M\s India Cements Ltd.,
(Foundry Division), Madras, <Tamil Nadu>

Source: D NML/IRM

Report No: IR515

Location: B/C/3/D/69/1

Keywords: Resin

Year: 1969

MFN: 0691ARCHIV.MST

Author: Sinhababu, SK

Beck, TA

Gupte, PK

Title: "Lax bond - TD 300 " and "Yellow" dextrine" as core binders

Source: D NML/IRM

Report No: IR516

Location: B/C/3/D/69/1

Year: 1969

MFN: 0692ARCHIV.MST

Author: Rakshit, KN

Banerjee, SK

Narayanan, PIA

Title: Beneficiation of phosphate rock sample from Kanpur Block of Udaipur Dt.,
<Rajasthan>

Source: D NML/IRM

Report No: IR517

Location: B/C/3/D/69/1

Keywords: Beneficiation

Phosphates

Year: 1969

MFN: 0693ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Concentration of low grade galena from Bandalamottu Block, Agnigundala Area, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR518

Location: B/C/3/D/69/1

Keywords: Galena

Lead ores

Year: 1969

MFN: 0694ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Chopra, MS

Narayanan, PIA

Title: Petrological study of five limestone samples from Bhadigund Mines of Mysore Iron Steel Ltd., Bhadravati, <Karnataka>

Source: D NML/IRM

Report No: IR519

Location: B/C/3/D/69/1

Keywords: Limestone

Petrology

Year: 1969

MFN: 0695ARCHIV.MST

Author: Mukherjee, KP

Lahiri, AK

Banerjee, T

Title: Corrosion of stainless steel valve in the recovery and purification block of the antibiotics plant at <Rishikesh> <Uttar Pradesh>

Source: D NML/IRM

Report No: IR520

Location: B/C/3/D/69/2

Keywords: Corrosion

Year: 1969

MFN: 0696ARCHIV.MST

Author: Banerjee, B

Pervadhanulu, A

Chopra, MS

Narayanan, PIA

Title: Petrological studies on the two phosphate rock samples A and B received from Directorate of Mines and Geology, <Udaipur> Govt of <Rajasthan>

Source: D NML/IRM

Report No: IR521

Location: B/C/3/D/69/2

Keywords: Petrology

Phosphates

Year: 1969

MFN: 0697ARCHIV.MST

Author: Sinhababu, SK

Beck, TA

Gupte, PK

Title: Moulding characteristics of Rajmahal Sand (Coarse) <West Bengal>

Source: D NML/IRM

Report No: IR522

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0698ARCHIV.MST

Author: Ganesh, R

Rao, GS Ramakrishna

Narayanan, PIA

Title: Flotation studies for the recovery of Molybdenum, Copper and Nickel
Minerals from the Uranium ore from <Jaduguda> Mines, <Bihar>

Source: D NML/IRM

Report No: IR523

Location: B/C/3/D/69/2

Keywords: Recovery

Uranium ores

Molybdenum

Copper

Nickel

Year: 1969

MFN: 0699ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no KS-3 received from Punjab State
Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR524

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0700ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no KS-2 received from Punjab State Industries Department, <Chandigarh> <Punjab>

Source: D NML/IRM

Report No: IR525

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0701ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no GSP-20 received from Punjab State Industries Department, <Chandigarh>, <Punjab>

Source: D NML/IRM

Report No: IR526

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0702ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no KS-5 received from <Punjab> State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR527

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0703ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no KS-1 received from <Punjab>
State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR528

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0704ARCHIV.MST

Author: Khatry, AK

Ganesh, R

Narayanan, PIA

Title: Beneficiation of low grade Kyanite - Sillimanite sample No : D2S1 from
Dahagaon Area, <Nagpur>, <Maharashtra>

Source: D NML/IRM

Report No: IR529

Location: B/C/3/D/69/2

Keywords: Kyanite

Beneficiation

Year: 1969

MFN: 0705ARCHIV.MST

Author: Bhoray, SS

Yedavalli, BVS

Subramanyan, NN

Ganguly, RG

Subramanian, M

Bhatnagar, PP

Title: Production of Silico- chrome by single stage process with the raw materials supplied by M/S Ferro alloy Corporation Ltd, <Garividi>

Source: D NML/IRM

Report No: IR531

Location: B/C/3/D/69/2

Keywords: Smelting

Chromite

Year: 1969

MFN: 0706ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no GSP-8 (natural moulding sand) received from <Punjab> State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR532

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0707ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristic of sand sample no GSP -18 received from <Punjab> State Industries Department, <Chandigarh>

Source: D NML/IRM

Report No: IR533

Location: B/C/3/D/69/2

Keywords: Molding

Sand

Year: 1969

MFN: 0708ARCHIV.MST

Author: Singh, Joga

Radhakrishnan, G

Rao, PD Prasad

Sengupta, BL

Mathur, GP

Narayanan, PIA

Title: Pilot plant beneficiation studies of a low grade Phosphate samples from
Maton Block <Udaipur> District <Rajasthan>

Source: D NML/IRM

Report No: IR541

Location: B/C/3/D/69/2

Keywords: Beneficiation

Phosphates

Year: 1969

MFN: 0709ARCHIV.MST

Author: Kumar, Rakesh

Sivaramakrishnan, CS

Title: Embrittling effect of manganese on Fe-20Ni type maraging steels

Source: D NML/IRM

Report No: RR267

Location: B/C/3/D/69/1

Year: 1969

MFN: 0710ARCHIV.MST

Author: Bhatnagar, PP

Subramanian, M

Ganguly, RG

Subramanyan, NN

Yedavalli, BVS

Bhoray, SS

Title: Production of high carbon ferro-manganese using low temperature
corbonization coke of Katkona Collieries of <Madhya Pradesh>

Source: D NML/IRM

Report No: IR557

Location: B/C/3/D/70/1

Keywords: Coal

Year: 1970

MFN: 0711ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of the sand sample no.KSS - 1

Source: D NML/IRM

Report No: IR558

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0712ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample NC. GSP - 19 (Natural Moulding
Sand) received from the Department of Industries, Govt. of <Punjab>

Source: D NML/IRM

Report No: IR559

Location: B/C/3/D/70/1

Keywords: Molding
Sand

Year: 1970

MFN: 0713ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no BTL - 18 (Natural Moulding Sand)
received from the department of industries , Government of <Punjab>

Source: D NML/IRM

Report No: IR560

Location: B/C/3/D/70/1

Keywords: Molding
Sand

Year: 1970

MFN: 0714ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no.BTL-16 (Natural Moulding Sand)
received from the Department of Industries, Government of ,Punjab>

Source: D NML/IRM

Report No: IR561

Location: B/C/3/D/70/1

Keywords: Molding
Sand

Year: 1970

MFN: 0715ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no.GSP-14 (Natural Moulding Sand)
received from the Department of Industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR562

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0716ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no BTL-8 received from the
department of industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR563

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0717ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no.BTL-15 (Natural Moulding Sand)
received from the Department of Industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR564

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0718ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no BTL-19 received from the department of industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR566

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0719ARCHIV.MST

Author: Gupta, RNP

Verma, MNP

Rao, GN

Title: Moulding sands available near Batala and their suitability for copper alloy castings

Source: D NML/IRM

Report No: IR567

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0720ARCHIV.MST

Author: Radhakrishnan, G

Raman, PV

Narayanan, PIA

Title: Beneficiation studies on a low grade kyanite sillimanite sample (D3S2) from Dahagaon area, Nagpur, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR568

Location: B/C/3/D/70/1

Keywords: Beneficiation

Kyanite

Year: 1970

MFN: 0721ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, Gn

Title: Moulding characteristics of sand sample no.GSP-16 received from the department of Industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR569

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0722ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no. KS-6 received from the department of Industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR570

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0723ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no.KXS-7, received from the
Department of Industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR571

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0724ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no BTL-14 received from the
department of industries, Government of <Punjab>

Source: D NML/IRM

Report No: IR572

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0725ARCHIV.MST

Author: Sengupta, BL

Mathur, GP

Title: Beneficiation of a pyrite-<pyrrhotite> sample from Saladipura area. Dt. Sikar,
<Rajasthan>

Source: D NML/IRM
Report No: IR573
Location: B/C/3/D/70/1
Keywords: Pyrite
Beneficiation
Year: 1970
MFN: 0726ARCHIV.MST

Author: Banerjee, Bhaskar
Peravadhanulu, A
Chopra, MS
Mathur, GP

Title: Petrological studies of fourteen core samples of bore holes D-9A, D-10 and D-14 of kanjamalai magnetite deposits, Salem, govt. of <Tamil Nadu>

Source: D NML/IRM
Report No: IR574
Location: B/C/3/D/70/1
Keywords: Petrology
Year: 1970
MFN: 0727ARCHIV.MST

Author: Prasad, Sachchidanand
Banerjee, SK
Mathur, GP

Title: Flotation studies on a low grade copper ore sample from Nallakonda block, Agnigundala area, Guntur Dist., <Andhra Pradesh>

Source: D NML/IRM
Report No: IR575
Location: B/C/3/D/70/1
Keywords: Flotation
Copper ores
Year: 1970
MFN: 0728ARCHIV.MST

Author: Vijayaraghavan, K

Rao, GS Ramakrishna

Mathur, GP

Title: Determination of grindability and bond's work index of a rock phosphate sample from <Rajasthan>

Source: D NML/IRM

Report No: IR576

Location: B/C/3/D/70/1

Keywords: Phosphates

Year: 1970

MFN: 0729ARCHIV.MST

Author: Vijayaraghavan, K

Rao, GS Ramakrishna

Mathur, GP

Title: Determination of work index and rates of settling filtration of three iron ore concentrates from <NMDC> Ltd.

Source: D NML/IRM

Report No: IR577

Location: B/C/3/D/70/1

Keywords: Iron ores

Year: 1970

MFN: 0730ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of the sand sample no. LSS-2 (natural Moulding Sand) collection by NML Foundry Station, Batala, <Punjab>

Source: D NML/IRM

Report No: IR578

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0731ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no LSS - 3 collected by NML foundry station, Batala <Punjab>

Source: D NML/IRM

Report No: IR579

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0732ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no.CSS-10 collected by the NML Foundry Station, Batala, <Punjab>

Source: D NML/IRM

Report No: IR580

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0733ARCHIV.MST

Author: Kunwar, RK

Rao, PDP

Rao, GS Ramakrishna

Mathur, GP

Title: Beneficiation studies with a sample of lateritic iron ore in clayey matrix from
M/s. Sesa Goa Limited

Source: D NML/IRM

Report No: IR581

Location: B/C/3/D/70/1

Keywords: Iron ores

Beneficiation

Year: 1970

MFN: 0734ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Title: Investigation on rampir sand district Purulia, <West Bengal>

Source: D NML/IRM

Report No: IR582

Location: B/C/3/D/70/1

Keywords: Sand

Year: 1970

MFN: 0735ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Title: Investigation on girphala sand district purulia, <West Bengal>

Source: D NML/IRM

Report No: IR583

Location: B/C/3/D/70/1

Keywords: Sand

Year: 1970

MFN: 0736ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Title: Investigation on baltora sand district purulia, <West Bengal>

Source: D NML/IRM

Report No: IR584

Location: B/C/3/D/70/1

Keywords: Sand

Year: 1970

MFN: 0737ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Title: Moulding characteristics of <GSI> sand (III)

Source: D NML/IRM

Report No: IR585

Location: B/C/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 0738ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Title: Moulding characteristics of GSI sand (IV)

Source: D NML/IRM

Report No: IR586

Location: B/C/3/D/70/2

Keywords: Molding
sand

Year: 1970

MFN: 0739ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Title: Moulding characteristics of GSI sand (V)

Source: D NML/IRM

Report No: IR587

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0740ARCHIV.MST

Author: Sengupta, SK

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade copper ore from dhukonda block,
Agnigundala area, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR589

Location: B/C/3/D/70/2

Keywords: Beneficiation

Copper ores

Year: 1970

MFN: 0741ARCHIV.MST

Author: Rao, GS Ramakrishna

Mathur, GP

Title: Recovery of magnetite from I.C.C. Tailing
Source: D NML/IRM
Report No: IR590
Location: B/C/3/D/70/2
Keywords: Magnetite
Year: 1970
MFN: 0742ARCHIV.MST

Title: Studies on the recovery of metalics from the dross samples from M/s leader engineering works, Jullundur, <Punjab>
Source: D NML/IRM
Report No: IR591
Location: B/C/3/D/70/2
Keywords: Dross
Year: 1970
MFN: 0743ARCHIV.MST

Author: Mathur, GP
Ganesh, R

Title: Beneficiation of a low grade graphite schist sample from Khepchishi Hill, <Bhutan>
Source: D NML/IRM
Report No: IR592
Location: B/C/3/D/70/2
Keywords: Beneficiation
Graphite
Year: 1970
MFN: 0744ARCHIV.MST

Author: Vijayaraghavan, K
Rao, GS Ramakrishna

Title: Determination of bond's work index of a phosphate rock sample received from M/s. Fertilizer corporation of India Ltd. <Sindri> <Rajasthan>

Source: D NML/IRM

Report No: IR593

Location: B/C/3/D/70/2

Keywords: Phosphates

Year: 1970

MFN: 0745ARCHIV.MST

Author: Ranganathan, MV

Mathur, GP

Title: Beneficiation of a low grade rock phosphate sample from Dakan Kotra area,
<Udaipur> Dt. <Rajasthan>

Source: D NML/IRM

Report No: IR594

Location: B/C/3/D/70/2

Keywords: Phosphates

Beneficiation

Year: 1970

MFN: 0746ARCHIV.MST

Author: Saha, AK

Mishra, RN

Bhatnagar, PP

Title: Studies on leaching of bulk Ni-Cu-Mo sulphides

Source: D NML/IRM

Report No: IR597

Location: B/C/3/D/70/2

Keywords: Leaching

Sulphides

Year: 1970

MFN: 0747ARCHIV.MST

Author: Mahanty, MS

Saha, AK

Tandon, DS

Bhatnagar, PP

Title: Studies on the extraction of nickel from low grade Nickeliferous Limonitic ores from Surabil - Sukerangi Kumardah sector - <Orissa>

Source: D NML/IRM

Report No: IR598

Location: B/C/3/D/70/2

Keywords: Extraction

Nickel

Year: 1970

MFN: 0748ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no UPSS - 1 received from the Directorate of Geology Mining, Govt of <Uttar Pradesh>

Source: D NML/IRM

Report No: IR600

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0749ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no UPSS -2 Received from the Directorate of Geology Mining, Government of <Uttar Pradesh>

Source: D NML/IRM

Report No: IR601

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0750ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no UPSS 3 received from the
directorate of geology and mining government <Uttar Pradesh>

Source: D NML/IRM

Report No: IR602

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0751ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no USS 1 collected by the NML field
station, <Batala>

Source: D NML/IRM

Report No: IR603

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0752ARCHIV.MST

Author: Sastry, PR

Prasad, R

Rao, GN

Title: Moulding characteristics of natural moulding and sample No. BBI-48

Source: D NML/IRM

Report No: IR604

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0753ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Title: Moulding characteristics of sand sample No. GSI(VII) received from the director, geological survey of India, Tamil Nadu circle

Source: D NML/IRM

Report No: IR605

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0754ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Title: Moulding characteristics of sand sample No. GSI(VIII) received from the Director, geological survey of India, <Tamil Nadu> circle

Source: D NML/IRM

Report No: IR606

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0755ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Title: Moulding characteristics of sand sample No.GSI (XI) received from the
Director, geological survey of India, <Tamil Nadu> circle

Source: D NML/IRM

Report No: IR607

Location: B/C/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 0756ARCHIV.MST

Author: Premchand

Mathur, GP

Altekar, VA

Title: Pelletization of metallurgical grade fluorspar concentrate from G.M.D.C.
using cheaper binders

Source: D NML/IRM

Report No: IR609

Location: B/C/3/D/70/2

Keywords: Pelleting

Flourspar

Year: 1970

MFN: 0757ARCHIV.MST

Author: Sengupta, SK

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade graphite sample from Chunga-Bansdih mine, <Palamau>, <Bihar>

Source: D NML/IRM

Report No: IR610

Location: B/C/3/D/70/2

Keywords: Beneficiation

Graphite

Year: 1970

MFN: 0758ARCHIV.MST

Author: Radhakrishnan, G

Raman, PV

Mathur, GP

Title: Beneficiation of manganese ore fines received from M/s manganese ore (India) Ltd. <Nagpur> <Maharashtra>

Source: D NML/IRM

Report No: IR611

Location: B/C/3/D/70/2

Keywords: Manganese ores

Fines

Beneficiation

Year: 1970

MFN: 0759ARCHIV.MST

Author: Rao, PDP

Satyanarayana, C

Vijayaraghavan, K

Rao, GS Ramakrishna

Title: Batch and pilot plant beneficiation studies with a pyrite-pyrrhotite sample from Saladipura, <Rajasthan>

Source: D NML/IRM

Report No: IR612

Location: B/C/3/D/70/2

Keywords: Beneficiation

Pyrite

Year: 1970

MFN: 0760ARCHIV.MST

Author: Satyanarayana, C

Banerjee, SK

Mathur, GP

Title: Reduction of silica content of a magnesite sample from Ajmer
Dist, <Rajasthan>

Source: D NML/IRM

Report No: IR613

Location: B/C/3/D/70/2

Keywords: Magnesite

Year: 1970

MFN: 0761ARCHIV.MST

Title: Report of the pilot plant committee

Source: D NML/IRM

Report No: Misc R/70/1

Location: B/C/3/D/70/3

Year: 1970

MFN: 0762ARCHIV.MST

Author: Rao, GN

Prasad, PR

Title: Increase in casting yield by use of exothermic riser

Source: D NML/IRM

Report No: RR273

Location: B/C/3/D/70/3

Keywords: Risers

Year: 1970

MFN: 0763ARCHIV.MST

Author: Dey, AK

Khan, DK

Rao Addanki, S

Banerjee, T

Title: Corrosion of metals in the marine atmosphere at <Digha> <West Bengal>

Source: D NML/IRM

Report No: RR274

Location: B/C/3/D/70/3

Keywords: Corrosion

Marine environments

Year: 1970

MFN: 0764ARCHIV.MST

Author: Kundra, MC

Title: Studies on the high temperature mechanical properties of some french
castable refractories

Source: D NML/IRM

Report No: RR278

Location: B/C/3/D/70/3

Keywords: Refractories

Year: 1970

MFN: 0765ARCHIV.MST

Author: Rao, GN

Gupta, RNP

Krishnan, RM

Title: Mould and core coating for copper base Alloys

Source: D NML/IRM

Report No: RR280

Location: B/C/3/D/70/3
Keywords: Copper base alloys
coatings
Year: 1970
MFN: 0766ARCHIV.MST

Author: De, TC
Chatterjea, AB
Title: Influence of associated ingredients on the mechanism of gaseous reduction
of hematite- Part I: Calcium carbonate
Source: D NML/IRM
Report No: RR284
Location: B/C/3/D/70/3
Keywords: Hematite
Year: 1970
MFN: 0767ARCHIV.MST

Author: Yedavalli, BVS
Saha, AK
Tandon, DS
Title: Recovery of copper and zinc from scrap leaded brass
Source: D NML/IRM
Report No: RR285
Location: B/C/3/D/70/3
Keywords: Copper
Zinc
Recovery
Year: 1970
MFN: 0768ARCHIV.MST

Author: Yedavalli, BVS
Viswanathan, PV

Srinivasan, SR

Bhatnagar, PP

Title: Fluo solid roasting of complex copper lead and zinc sulfides from <Sikkim>

Source: D NML/IRM

Report No: RR286

Location: B/C/3/D/70/3

Keywords: Roasting
sulfides

Year: 1970

MFN: 0769ARCHIV.MST

Author: Banerjee, SK

Mathur, GP

Title: Techno economic aspects of Mineral Beneficiation

Source: D NML/IRM

Report No: SR181

Location: B/C/3/D/70/3

Year: 1970

MFN: 0770ARCHIV.MST

Author: Vijayaraghavan, K

Mathur, GP

Title: Determination of Bond's work Index of an iron ore concentrate sample from
Kudremukh

Source: D NML/IRM

Report No: IR615

Location: B/C/4/A/71/1

Keywords: Iron ores

Year: 1971

MFN: 0771ARCHIV.MST

Author: Sharma, VRK

Banerjee, SK

Mathur, GP

Title: Recovery of Metallics for the furnace dross samples of M\s. Kamani Metals Alloys Ltd., Bombay, <Maharashtra>

Source: D NML/IRM

Report No: IR617

Location: B/C/4/A/71/1

Keywords: Dross

Recovery

Year: 1971

MFN: 0772ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Gupte, PK

Title: Moulding characteristics of sand sample no.U.P.S.S.-4, received from Director, Directorate of Geology Mining Lucknow <Uttar Pradesh>

Source: D NML/IRM

Report No: IR618

Location: B/C/4/A/71/1

Keywords: Molding

Sand

Year: 1971

MFN: 0773ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Gupte, PK

Title: Moulding characteristics of sand sample no.UPSS - 5 received from Director of Geology and Mining, Lucknow <Uttar Pradesh>

Source: D NML/IRM
Report No: IR619
Location: B/C/4/A/71/1
Keywords: Molding
Sand
Year: 1971
MFN: 0774ARCHIV.MST

Author: Arora, RC
Verma, MNP
Rao, GN
Gupte, PK

Title: Moulding characteristics of sand sample no.UPSS -6 received from The
Director, Geology
Mining, Lucknow <Uttar Pradesh>

Source: D NML/IRM
Report No: IR620
Location: B/C/4/A/71/1
Keywords: Molding
Sand
Year: 1971
MFN: 0775ARCHIV.MST

Author: Arora, RC
Verma, MNP
Rao, GN
Gupte, PK

Title: Moulding cahracteristics of sand sample no.UPSS - 7 received from the
Directorate of Geology
Mining, Lucknow <Uttar Pradesh>

Source: D NML/IRM
Report No: IR621
Location: B/C/4/A/71/1

Keywords: Molding

Sand

Year: 1971

MFN: 0776ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Gupte, PK

Title: Moulding characteristics of sand sample no. UPSS 8 received from Director,
Directorate of Geology and Mining, Lucknow, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR622

Location: B/C/4/A/71/1

Keywords: Molding

Sand

Year: 1971

MFN: 0777ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Gupte, PK

Title: Moulding characteristics of the sand sample no. UPSS - 9 received from
Director, Directorate of Geology
Mining, Lucknow <Uttar Pradesh>

Source: D NML/IRM

Report No: IR623

Location: B/C/4/A/71/1

Keywords: Molding

Sand

Year: 1971

MFN: 0778ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Gupte, Pk

Title: Moulding characteristics of sand sample no.GSS - 1 collected bu NML
Foundry Station, Batala, <Punjab>

Source: D NML/IRM

Report No: IR624

Location: B/C/4/A/71/1

Keywords: Molding

Sand

Year: 1971

MFN: 0779ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Gupte, PK

Title: Moulding cahracteristics of sand sample no. GSI(IX)

Source: D NML/IRM

Report No: IR625

Location: B/C/4/A/71/1

Keywords: Molding

Sand

Year: 1971

MFN: 0780ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

Rao, GN

Gupte, PK

Title: Moulding characteristics of sand sample no.<GSI> (X)
Source: D NML/IRM
Report No: IR626
Location: B/C/4/A/71/1
Keywords: Molding
Sand
Year: 1971
MFN: 0781ARCHIV.MST

Author: Vijayanarayanan, KS
Naidu, NV
Rao, GN
Gupte, PK

Title: Moulding characteristics of GSI sand (XII)
Source: D NML/IRM
Report No: IR627
Location: B/C/4/A/71/1
Keywords: Molding
Sand
Year: 1971
MFN: 0782ARCHIV.MST

Author: Prasad, S
Banerjee, SK
Mathur, GP

Title: Beneficiation of a low grade phosphate rock (Sample no.B) from Jhamar Kotra area, <Udaipur> Dt., <Rajasthan>
Source: D NML/IRM
Report No: IR628
Location: B/C/4/A/71/1
Keywords: Beneficiation
Phosphates

Year: 1971

MFN: 0783ARCHIV.MST

Author: Sarma, VRK

Maulik, SC

Mathur, GP

Title: Study of grinding characteristics of a diamondiferous tuff sample from M's.
Diamond Mining Project, Panna, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR629

Location: B/C/4/A/71/1

Keywords: Diamond

Year: 1971

MFN: 0784ARCHIV.MST

Author: Pandey, AM

Sengupta, PL

Dhananjayan, N

Title: Investigation report on the utilization of Joda Ferro-Manganese Slag for
production of <electrolytic> manganese metal

Source: D NML/IRM

Report No: IR630

Location: B/C/4/A/71/1

Keywords: Manganese

Year: 1971

MFN: 0785ARCHIV.MST

Author: Mukherjee, AN

Lahiri, AK

Title: Discolouration of copper tapes used for coaxial cables

Source: D NML/IRM

Report No: IR631

Location: B/C/4/A/71/1

Keywords: Cables
Year: 1971
MFN: 0786ARCHIV.MST

Author: Sinha, PK
Kunwar, RK
Singh, Joga
Chakravorty, N
Mathur, GP

Title: Pilot plant studies on beneficiation and pelletisation of iron ore samples from deposit no.14 of Bailadila Mines of National Mineral Development Corporation Ltd.<NMDC>, <Rajasthan>

Source: D NML/IRM
Report No: IR632
Location: B/C/4/A/71/1
Keywords: Beneficiation
Pelleting
Year: 1971
MFN: 0787ARCHIV.MST

Author: Satyanarayana, C
Banerjee, SK
Mathur, GP

Title: Beneficiation of low grade molybdenite sample (L-2) from Karadikuttam, Madurai Dt., <Tamil Nadu>

Source: D NML/IRM
Report No: IR633
Location: B/C/4/A/71/1
Keywords: Beneficiation
Molybdenite
Year: 1971
MFN: 0788ARCHIV.MST

Author: Sengupta, BL

Mathur, GP

Title: Beneficiation studies on Bolani ore fines received from M's Bolani Ores Ltd.,
<Orissa>

Source: D NML/IRM

Report No: IR634

Location: B/C/4/A/71/1

Keywords: Beneficiation

Fines

Year: 1971

MFN: 0789ARCHIV.MST

Author: Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade molybdenite sample (L3) from Palni
Taluk, Madurai District, <Tamil Nadu>

Source: D NML/IRM

Report No: IR636

Location: B/C/4/A/71/1

Keywords: Beneficiation

Year: 1971

MFN: 0790ARCHIV.MST

Author: Chakraborty, N

Mathur, GP

Title: Beneficiation of a beach sand sample from <Gujrat>

Source: D NML/IRM

Report No: IR637

Location: B/C/4/A/71/1

Keywords: Sand

Year: 1971

MFN: 0791ARCHIV.MST

Author: Pandey, AM

Sengupta, PL

Dhananjayan, N

Title: Investigation report on the utilization of high manganese slag, from the ferro-manganese plant of Khandelwai Ferro-Alloys Ltd., for production of <electrolytic> Manganese Metal

Source: D NML/IRM

Report No: IR638

Location: B/C/4/A/71/1

Keywords: Manganese

Slags

Year: 1971

MFN: 0792ARCHIV.MST

Author: Aush, SC

Sinha, PK

Dhananjayan, N

Title: Investigation report on the utilisation of zinc ash , formed as a byproduct, in the galvanizing plant of Khandelwal tubes, <Kanhan>, <Nagpur>, <Maharashtra>

Source: D NML/IRM

Report No: IR639

Location: B/C/4/A/71/1

Keywords: Zinc Ash

Year: 1971

MFN: 0793ARCHIV.MST

Author: Singh, Joga

Sinha, PK

Title: Studies on physical characteristics of -40 + 10 mm size lumpy iron ores from <Kiriburu> and <Barajamda> for Bokaro steel Plant, <Bihar>

Source: D NML/IRM

Report No: IR640

Location: B/C/4/A/71/2

Keywords: Iron ores

Year: 1971

MFN: 0794ARCHIV.MST

Author: Vijayaraghavan, K

Mathur, GP

Raman, PV

Title: Beneficiation studies on a kyanite-sillimanite sample from <Maharashtra>
mineral development corporation

Source: D NML/IRM

Report No: IR642

Location: B/C/4/A/71/2

Keywords: Beneficiation

Kyanite

Sillimanite

Year: 1971

MFN: 0795ARCHIV.MST

Author: Satyanarayana, C

Banerjee, SK

Mathur, GP

Title: Beneficiation of a low grade molybdenite sample (L1) from
<Karadikuttam>, Madurai District, <Tamil Nadu>

Source: D NML/IRM

Report No: IR643

Location: B/C/4/A/71/2

Keywords: Molybdenum ores

Year: 1971

MFN: 0796ARCHIV.MST

Author: Pandey, AM

Sengupta, PL

Dhananjayan, N

Title: Suitability of manganese ore supplied by Mysore state industrial development corporation for production of electrolytic manganese metal

Source: D NML/IRM

Report No: IR644

Location: B/C/4/A/71/2

Keywords: Manganese ores

Year: 1971

MFN: 0797ARCHIV.MST

Author: Das, BN

Soni, TR

Rajan, KS

Title: Investigation on the impact properties of three types of steels

Source: D NML/IRM

Report No: IR646

Location: B/C/4/A/71/2

Keywords: Impact tests

Year: 1971

MFN: 0798ARCHIV.MST

Author: Sengupta, SK

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade rock phosphate sample from Karbaria block, Udaipur District, <Rajasthan>

Source: D NML/IRM

Report No: IR647

Location: B/C/4/A/71/2

Keywords: Phosphates

Beneficiation

Year: 1971

MFN: 0799ARCHIV.MST

Title: Multipurpose hydro-cum-electrometallurgical large scale testing facilities to be establishes at the national metallurgical laboratory

Source: D NML/IRM

Report No: Misc R/71/1

Location: B/C/4/A/71/3

Year: 1971

MFN: 0800ARCHIV.MST

Title: Laboratory scale studies on the Asswan iron ores from the UAR <United Arab Republic>

Source: D NML/IRM

Report No: Misc R/71/2

Location: B/C/4/A/71/3

Keywords: Iron ores

Year: 1971

MFN: 0801ARCHIV.MST

Title: Production of <electrolytic manganese >10 tonnes/day

Source: D NML/IRM

Report No: Misc R/71/3

Location: B/C/4/A/71/3

Keywords: Manganese ores

Year: 1971

MFN: 0802ARCHIV.MST

Author: Kundra, MC

Murthy, HPS

Title: Some experiments on phosphate bonded high alumina mixes

Source: D NML/IRM

Report No: RR293

Location: B/C/4/A/71/2

Keywords: phosphates

alumina

Year: 1971

MFN: 0803ARCHIV.MST

Author: Kundra, MC

Murthy, HPS

Title: Design, preparation and uses of some high alumina castables

Source: D NML/IRM

Report No: RR294

Location: B/C/4/A/71/2

Keywords: Casting

Year: 1971

MFN: 0804ARCHIV.MST

Author: Dey, ML

Singh, Gurdial

Title: Preparation of <Aluminium Fluoride>

Source: D NML/IRM

Report No: RR295

Location: B/C/4/A/71/2

Year: 1971

MFN: 0805ARCHIV.MST

Author: Sarkar, NB

Mathur, NN

Bose, AK

Hargave, RV

Ray, KC

Sen, PC

Prasad, TV

Rao, MRK

Murthy, HPS

Title: An investigation on dolomite linings for L.D. converters at H.S.L. Rourkela
partII Laboratory studies on Raw-Dolomite and dolomite sinter

Source: D NML/IRM

Report No: IR606

Location: B/C/4/A/72/2

Keywords: dolomite

Linings

Year: 1972

MFN: 0806ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Beldhaura sand District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR648

Location: B/C/3/D/72/1

Keywords: Sand

Molding

Year: 1972

MFN: 0807ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Narandhaura sand District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR649

Location: B/C/3/D/72/1

Keywords: Sand

Molding

Year: 1972

MFN: 0808ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Nontanal sand District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR650

Location: B/C/3/D/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 0809ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Damodar sand District Burdwan, <West Bengal>
(Part II)

Source: D NML/IRM

Report No: IR651

Location: B/C/3/D/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 0810ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Damodar sand (Part I) District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR652

Location: B/C/3/D/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 0811ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Purusitampur sand District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR653

Location: B/C/3/D/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 0812ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Dihika sand district Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR654
Location: B/C/3/D/72/1
Keywords: Sand
Molding
Year: 1972
MFN: 0813ARCHIV.MST

Author: Das, Amitava
Dutt, Ashimesh
Rao, GN
Gupte, PK

Title: Moulding characteristics of Damodarpur sand District Burdwan, <West Bengal>

Source: D NML/IRM
Report No: IR655
Location: B/C/3/D/72/1
Keywords: Molding
Sand
Year: 1972
MFN: 0814ARCHIV.MST

Author: Das, Amitava
Dutt, Ashimesh
Rao, GN
Gupte, PK

Title: Moulding characteristics of Ajoy River sand, District Burdwan, <West Bengal>

Source: D NML/IRM
Report No: IR656
Location: B/C/3/D/72/1
Keywords: Molding
Sand
Year: 1972

MFN: 0815ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Ajoy River sand, District Burdwan, <West Bengal>

Source: D NML/IRM

Report No: IR657

Location: B/C/3/D/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 0816ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of phuljhari sand District burdwan, <West Bengal>Part-I

Source: D NML/IRM

Report No: IR659

Location: B/C/3/D/72/1

Keywords: Sand

Molding

Year: 1972

MFN: 0817ARCHIV.MST

Author: Arora, RS

Verma, MNP

Rao, GN

Gupte, PK

Title: Moulding characteristics of sand sample NO ASS 1 collected by NML field station

Source: D NML/IRM

Report No: IR660

Location: B/C/4/A/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 0818ARCHIV.MST

Author: Sastry, PR

Prasad, R

Rao, GN

Gupte, PK

Title: Moulding characteristics of Surajdeval sand

Source: D NML/IRM

Report No: IR661

Location: B/C/3/D/72/1

Keywords: Sand

Molding

Year: 1972

MFN: 0819ARCHIV.MST

Author: Banerjee, Bhaskar

Peravadhanulu, A

Mathur, GP

Title: Petrological investigation on phosphorite sample from Durmala, mussoorie Area, <Uttar Pradesh> received from I.I.T. Kanpur

Source: D NML/IRM

Report No: IR662

Location: B/C/3/D/72/1

Keywords: Petrology

Year: 1972

MFN: 0820ARCHIV.MST

Author: Vijayaraghavan, K

Viswakarma, ML

Mathur, GP

Title: Determination of bond's work index and rates fo settling on (i) an iron ore concentrate
(ii) a tailing from Kudremukh

Source: D NML/IRM

Report No: IR665

Location: B/C/3/D/72/1

Keywords: Iron ores

Year: 1972

MFN: 0821ARCHIV.MST

Author: Ranganathan, MV

Raman, PV

Banerjee, Sk

Title: Testing of xanthate samples received from M/s. Polychem Industries, Ranchi, <Bihar>

Source: D NML/IRM

Report No: IR666

Location: B/C/3/D/72/1

Keywords: Xanthate

Year: 1972

MFN: 0822ARCHIV.MST

Author: Kunwar, RK

Raman, PV

Mathur, GP

Title: Recovery of scheelite from walker's dump, K.G.F. Mysore, <Karnataka>

Source: D NML/IRM

Report No: IR667
Location: B/C/3/D/72/1
Keywords: Scheelite
Year: 1972
MFN: 0823ARCHIV.MST

Author: Kunwar, RK
Chakraborty, DM
Mathur, GP

Title: Beneficiation of low grade wolframite from Degana <Rajasthan>
Source: D NML/IRM
Report No: IR668
Location: B/C/3/D/72/1
Keywords: Wolframite
Year: 1972
MFN: 0824ARCHIV.MST

Author: Saha, VK
Mahanty, MS
Tandon, DS
Bhatnagar, PP

Title: Studies on ammoniacal pressure leaching of bulk ni-Cu-Mo sulphide concentrate
Source: D NML/IRM
Report No: IR669
Location: B/C/3/D/72/1
Keywords: Leaching
Year: 1972
MFN: 0825ARCHIV.MST

Author: Peravadhulu, A
Banerjee, B

Title: Determination of microhardness and angularity of Quartz samples A
B received from M/s Shevaroy (P) Ltd. Yeracud Salem, <Tamil Nadu>

Source: D NML/IRM

Report No: IR672

Location: B/C/4/A/72/2

Keywords: Quartz

Year: 1972

MFN: 0826ARCHIV.MST

Author: N M L

Title: Final report on testing of Kiriburu lumpy iron ore for Bokaro Steel Plant
employing Thakur Prasad Ore (Barajamda) as reference sample, <Bihar>

Source: D NML/IRM

Report No: IR673

Location: B/C/3/D/72/1

Keywords: Iron ores

Year: 1972

MFN: 0827ARCHIV.MST

Author: Singh, Raghubir

Tewari, JP

Singh, HC

Bhatnagar, SS

Title: Failure of shoes for conveyance KQ-783 for folax grate cooler for cooling of
clinker

Source: D NML/IRM

Report No: IR679

Location: B/C/3/D/72/1

Year: 1972

MFN: 0828ARCHIV.MST

Author: N M L

Title: Laboratory scale tests on compatibility of iron ores and non-coking coals for undertaking further trials in rotary kiln for production of sponge iron

Source: D NML/IRM

Report No: IR680

Location: B/C/3/D/72/1

Keywords: Sponge iron

Year: 1972

MFN: 0829ARCHIV.MST

Author: Ranganathan, MV

Satyanarayana, C

Raman, PV

Mathur, GP

Title: Batch and pilot plant beneficiation studies on a low grade copper ore from Indian Copper Corporation Ltd., Ghatsila, <Bihar>

Source: D NML/IRM

Report No: IR681

Location: B/C/3/D/72/1

Keywords: Copper ores

Beneficiation

Year: 1972

MFN: 0830ARCHIV.MST

Author: Sinha, PK

Sengupta, BL

Raman, PV

Banerjee, SK

Mathur, GP

Title: Studies on production of fluxed sinters with the -10+3 mm iron ore fines from Kiriburu iron ore mines for Bokaro Steel Project, <Bihar>

Source: D NML/IRM

Report No: IR682

Location: B/C/3/D/72/1

Keywords: Iron ores

Year: 1972

MFN: 0831ARCHIV.MST

Author: Ganesh, R

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Studies on production of fluxed sinters using - 10mm+65 mesh composite iron ore fines from Kiriburu Iron Ore Mines for Bokaro Steel Project, <Bihar>

Source: D NML/IRM

Report No: IR683

Location: B/C/3/D/72/1

Keywords: Iron ores

Year: 1972

MFN: 0832ARCHIV.MST

Author: Rao, PDP

Satyanarayana, C

Raman, PV

Banerjee, SK

Mathur, GP

Title: Jigging
tabling studies on a low grade manganese ore sample (sample A) from tirodi-
Maharashtra received from M/s. Manganese Ore (India) Ltd., Nagpur,
<Maharashtra>

Source: D NML/IRM

Report No: IR684

Location: B/C/3/D/72/1

Keywords: Manganese ores

Year: 1972

MFN: 0833ARCHIV.MST

Author: Rao, PD Prasad

Satyanarayana, C

Raman, PV

Mathur, GP

Title: Jigging
tabbling studies on a low grade manganese ore sample (Sample B) from
Tirodi-<Maharashtra>, received from M/s. manganese ore (India) Ltd.,
Nagpur

Source: D NML/IRM

Report No: IR685

Location: B/C/3/D/72/1

Keywords: Manganese ores

Year: 1972

MFN: 0834ARCHIV.MST

Author: Sinha, SN

Ray, SK

Title: Recovery of iron powder from waste pickel liquor of <Tinplate> Co. of India
Ltd., Golmuri, <Jamshedpur>

Source: D NML/IRM

Report No: IR686

Location: B/C/3/D/72/1

Keywords: Metal Powders

Year: 1972

MFN: 0835ARCHIV.MST

Author: Vijayaraghavan, K

Raman, PV

Banerjee, SK

Mathur, GP

Title: Determination of bond's work index of (1) bauxite and (ii) clacined
petroleum coke, from M/s: Aluminium Corporation of India Ltd., Calcutta,
<Calcutta>

Source: D NML/IRM

Report No: IR688

Location: B/C/3/D/72/1

Keywords: Bauxite

Year: 1972

MFN: 0836ARCHIV.MST

Author: Singh, Joga

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation and agglomeration studies on manganese ore fines sample from
M/s. Khandelwal Ferro Alloys Ltd., Nagpur, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR689

Location: B/C/3/D/72/1

Keywords: Fines

Manganese ores

Year: 1972

MFN: 0837ARCHIV.MST

Author: Kunwar, RK

Rao, PD Prasad

Banerjee, SK

Mathur, GP

Title: Washing studies with a limestone sample from Puranapani - Hindustan Steel
Limited, Rourkela, <Orissa>

Source: D NML/IRM

Report No: IR692

Location: B/C/3/D/72/1

Keywords: Limestone

Year: 1972

MFN: 0838ARCHIV.MST

Author: Prasad, MS

Mathur, GP

Altekar, VA

Title: Beneficiation of core samples of low grade copper ore from Malanjkhand, Balaghat District, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR693

Location: B/C/3/D/72/1

Keywords: Copper ores

Beneficiation

Year: 1972

MFN: 0839ARCHIV.MST

Author: Rao, PDP

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade manganese ore from Tirodi area (Sample-D) employing gravity methods from M/s. manganese ore (India) Ltd, <Nagpur> <Maharashtra>

Source: D NML/IRM

Report No: IR694

Location: B/C/4/A/72/2

Keywords: Manganese ores

Beneficiation

Year: 1972

MFN: 0840ARCHIV.MST

Title: An investigation on dolomite linings for L.D. converters at H.S.L. Rourkela Part.1 Studies on process variables in the Tar-Dolomite block making

Source: D NML/IRM

Report No: IR695

Location: B/C/4/A/72/2

Keywords: Dolomite

Linings

Year: 1972

MFN: 0841ARCHIV.MST

Author: Prasad, Sachchidanand

Raman, PV

Banerjee, B

Title: Testing of <pine> oils received from M/s: Camphor allied products Ltd. <Bombay> <Maharashtra>

Source: D NML/IRM

Report No: IR696

Location: B/C/4/A/72/2

Keywords: Oils

Year: 1972

MFN: 0842ARCHIV.MST

Author: Chakraborty, DM

Raman, PV

Mathur, GP

Title: Reduction of lime content of a bauxite sample from Saurashtra

Source: D NML/IRM

Report No: IR697

Location: B/C/4/A/72/2

Keywords: Bauxite

Reduction

Year: 1972

MFN: 0843ARCHIV.MST

Author: Sharma, VK

Mathur, GP

Title: Beneficiation of low grade chrome ore from garividi, Srikakulum distict, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR700

Location: B/C/4/A/72/2

Keywords: Chromite

Beneficiation

Year: 1972

MFN: 0844ARCHIV.MST

Author: Patnaik, H

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Agglomeration studies on L.D. dust from Roukela steel plant of Hindustan steel Limited

Source: D NML/IRM

Report No: IR701

Location: B/C/4/A/72/2

Keywords: Agglomeration

Year: 1972

MFN: 0845ARCHIV.MST

Author: Barari, HB

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Studies on production of fluxed sinters with the classifier sand (-3mm+65 mesh) from <Kiriburu> iron ore mines for use in Bokaro steel project

Source: D NML/IRM

Report No: IR702

Location: B/C/4/A/72/2

Keywords: Sintering

Year: 1972

MFN: 0846ARCHIV.MST

Author: Vijayaraghavan, K

Viswakarma, ML

Raman, PV

Mathur, GP

Title: Beneficiation studies with pyrite-pyrrhotite sample Saladipura for P.P.C. Ltd

Source: D NML/IRM

Report No: IR703

Location: B/C/4/A/72/2

Keywords: Pyrite

Year: 1972

MFN: 0847ARCHIV.MST

Author: Prasad, S

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a limestone sample received from M/s. The
travancore electro-chemical industries chingavanam, Kottayam dt, <Kerala>

Source: D NML/IRM

Report No: IR705

Location: B/C/4/A/72/2

Keywords: Limestone

Kerala

Year: 1972

MFN: 0848ARCHIV.MST

Author: Kunwar, RK

Maulik, SC

Chakravorty, N

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on the beneficiation of <Joda> <Bihar> faky iron ore sample from Tata Iron steel Co. Ltd <Tata Steel>

Source: D NML/IRM

Report No: IR707

Location: B/C/4/A/72/3

Keywords: Iron ores

Beneficiation

Year: 1972

MFN: 0849ARCHIV.MST

Author: Sengupta, SK

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade complex copper-lead-zinc ore from Dariba- Rajpura <Udaipur>, <Rajasthan>

Source: D NML/IRM

Report No: IR708

Location: B/C/4/A/72/3

Keywords: Beneficiation

Copper ores

Year: 1972

MFN: 0850ARCHIV.MST

Author: Ranganathan, MV

Satyanarayana, C

Raman, PV

Banerjee, SK

Mathur, GP

Title: Batch and pilot plant studies for the concentration of galena from a low grade lead ore from Bandalamottu block agnigundala area A.P. for M/s Hindustan copper Limited <Andhra Pradesh>

Source: D NML/IRM

Report No: IR709

Location: B/C/4/A/72/3

Keywords: Galena

Concentration

Year: 1972

MFN: 0851ARCHIV.MST

Author: Singh, Joga

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation of graphite sample from <Rajasthan> state industrial and mineral development corporation, Jaipur

Source: D NML/IRM

Report No: IR710

Location: B/C/4/A/72/3

Keywords: Beneficiation

Graphite

Year: 1972

MFN: 0852ARCHIV.MST

Title: Laboratory and pilot plant on the asswan iron ore from the arab republic of <EGYPT>

Source: D NML/IRM

Report No: Misc R/72/1

Location: B/C/4/A/72/3

Keywords: Iron ores

Year: 1972

MFN: 0853ARCHIV.MST

Author: Kumar, Rajendra

Singh, Manjit

Title: The <NML aluminium> conductor ITS impact on national economy

Source: D NML/IRM

Report No: RR315

Location: B/C/4/A/72/3

Year: 1972

MFN: 0854ARCHIV.MST

Author: Sengupta, BL

Mathur, GP

Title: Pelletization as a process of agglomeration for indian iron ore fines with particular reference to the Donimalai and Bailadila ores

Source: D NML/IRM

Report No: SR175

Location: B/C/4/A/72/3

Keywords: Pelleting

Iron ores

Year: 1972

MFN: 0855ARCHIV.MST

Author: Rao, S Raghunadha

Banerjee, SK

Mathur, GP

Title: Beneficiation of low grade graphite from Chammua, Sindhi Dt., MP

Source: D NML/IRM

Report No: IR711

Location: B/C/4/A/73/1

Year: 1973

MFN: 0856ARCHIV.MST

Author: Sinha, PK

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Studies on physical characteristics of -40+1 Omm size lumpy iron ores from Jajang, Jhilling and Ghatkuri mines, and a comparative study with the characteristics of Kiriburu ore

Source: D NML/IRM

Report No: IR712

Location: B/C/4/A/73/1

Year: 1973

MFN: 0857ARCHIV.MST

Author: Vijayaraghavan, K

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation of baryte from M.P.

Source: D NML/IRM

Report No: IR713

Location: B/C/4/A/73/1

Year: 1973

MFN: 0858ARCHIV.MST

Author: Rao, S Raghunadha

Banerjee, SK

Mathur, GP

Title: Beneficiation of low grade graphite from Gidher, Sindhi Dt. M.P.

Source: D NML/IRM

Report No: IR714

Location: B/C/4/A/73/1

Year: 1973

MFN: 0859ARCHIV.MST

Author: Rao, PDP

Kunwar, RD

Raman, PV

Banerjee, SK

Mathur, GP

Title: Dry and wet screening tests with a limestone sample from puranapani Quarries, Hindustan Steel Ltd.

Source: D NML/IRM

Report No: IR715

Location: B/C/4/A/73/1

Year: 1973

MFN: 0860ARCHIV.MST

Author: Mukherjee, AN

Singh, Inder

Mukherjee, KP

Title: Corrosion of the structural parts in the fertiliser plant of F.C.I. Ltd., Namrup

Source: D NML/IRM

Report No: IR716

Location: B/C/4/A/73/1

Year: 1973

MFN: 0861ARCHIV.MST

Author: Sil, SK

Sengupta, SK

Banerjee, SK

Mathur, GP

Title: Determination of settling rate of Narsua Iron ore slime using various types of flocculants

Source: D NML/IRM

Report No: IR717

Location: B/C/4/A/73/1

Year: 1973

MFN: 0862ARCHIV.MST

Author: Viswanathan, PV

Yedavalli, BVS

Title: Preliminary trials on fluosolid roasting of saladipura pyrites received from
pyaites, phosphates
chemicals Ltd.

Source: D NML/IRM

Report No: IR718

Location: B/C/4/A/73/1

Year: 1973

MFN: 0863ARCHIV.MST

Author: Kunwar, RK

Sharma, VK

Maulik, SC

Sengupta, BL

Mathur, GO

Title: Pilot plant studies on the beneficiation of iron sample I received from M/s.
Bolani Ores Ltd., <Orissa>

Source: D NML/IRM

Report No: IR720

Location: B/C/4/A/73/1

Keywords: Beneficiation

Iron ores

Year: 1973

MFN: 0864ARCHIV.MST

Author: Kunwar, RK

Maulik, SC

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on the beneficiation of Khondband hard iron ore sample
from M/s. TISCO Ltd. <Tata Steel>

Source: D NML/IRM

Report No: IR721

Location: B/C/4/A/73/1

Keywords: Beneficiation

Iron ores

Year: 1973

MFN: 0865ARCHIV.MST

Author: Sengupta, BL

Mathur, GP

Altekar, VA

Title: Pilot plant investigations on the production of sponge iron from iron ore lumps and pellets using solid reductants

Source: D NML/IRM

Report No: IR723

Location: B/C/4/A/73/1

Keywords: Sponge Iron

Year: 1973

MFN: 0866ARCHIV.MST

Author: Sengupta, SK

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade graphite sample from Jhab-Redhana mine of G.M.D.C. Ltd.

Source: D NML/IRM

Report No: IR724

Location: B/C/4/A/73/1

Keywords: Beneficiation

Graphite

Year: 1973

MFN: 0867ARCHIV.MST

Author: Srivastava, JP

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade Magnetite sample "C" from Kavuthimalai Deposit , Tamil Nadu

Source: D NML/IRM

Report No: IR727

Location: B/C/4/B/73/1

Year: 1973

MFN: 0868ARCHIV.MST

Author: Pathak, PN

Chakraborty, DM

Banerjee, SK

Mathur, GP

Title: Heavy media separation studies with the zinc ore from balaria, <Rajasthan>

Source: D NML/IRM

Report No: IR728

Location: B/C/4/A/73/1

Keywords: Zinc ores

Separation

Year: 1973

MFN: 0869ARCHIV.MST

Author: Viswakarma, ML

Vijayaraghavan, K

Raman, PV

Banerjee, SK

Mathur, GP

Title: Determination of bond's work indices and crushing strengths of six uranium ore samples from M/s. U.C.I.L., <Jaduguda>, <Bihar>

Source: D NML/IRM

Report No: IR733

Location: B/C/4/A/73/1

Keywords: Uranium ores

Year: 1973

MFN: 0870ARCHIV.MST

Author: Viswakarma, ML

Banerjee, B

Satyanarayana, C

Peravadhanulu, A

Raman, PV

Banerjee, SK

Mathur, GP

Title: Studies on bore-hole and bulk sample of magnetite from Salem, <Tamil Nadu>

Source: D NML/IRM

Report No: IR734

Location: B/C/4/A/73/1

Keywords: Magnetite

Year: 1973

MFN: 0871ARCHIV.MST

Title: Report on comprehensive test on Noamundi hard Iron Ore for The Tata iron Steel Company Ltd. <Tata Steel>

Source: D NML/IRM

Report No: IR735

Location: B/C/4/A/73/1

Keywords: Iron ores

Year: 1973

MFN: 0872ARCHIV.MST

Author: Sarkar, NB

Mathur, NN

Bose, AK

Hargave, RV

Ray, KC

Sen, PC

Rao, MRK

Murthy, HPS

Title: Investigation of dolomite linings for L.D. Converters at H.S.L. Rourkela: Part
III - Laboratory Studies on Dolomite sintering and bonding of sinter, <Orissa>

Source: D NML/IRM

Report No: IR736

Location: B/C/4/A/73/1

Keywords: Dolomite

Year: 1973

MFN: 0873ARCHIV.MST

Author: Srivastava, JP

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade magnetite sample marked 'F' from
kavuthimalai deposit, near Thiruvannamalai <Tamil Nadu>

Source: D NML/IRM

Report No: IR737

Location: B/C/4/A/73/1

Keywords: Beneficiation

Magnetite

Year: 1973

MFN: 0874ARCHIV.MST

Author: Sinha, PK

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on beneficiation and sintering of a composite sample of iron ore from Donimalai, for C.E.D.B., H.S.L.

Source: D NML/IRM

Report No: IR738

Location: B/C/4/A/73/1

Keywords: Beneficiation

Iron ores

Year: 1973

MFN: 0875ARCHIV.MST

Author: Maulik, SC

Kunwar, RK

Sengupta, BL

Title: Pilot plant studies on the beneficiation of iron ore sample II from M/s. Bolani Ores Ltd., <Orissa>

Source: D NML/IRM

Report No: IR740

Location: B/C/4/A/73/1

Keywords: Beneficiation

Iron ores

Year: 1973

MFN: 0876ARCHIV.MST

Author: Sengupta, BL

Patnaik, H

Mathur, GP

Title: Studies on production of high quality sinters for galena concentrates for M/s. Hindustan Zinc Ltd.

Source: D NML/IRM

Report No: IR741

Location: B/C/4/A/73/1

Keywords: Galena

Year: 1973

MFN: 0877ARCHIV.MST

Author: Rao, PD Prasad

Raman, PV

Mathur, GP

Title: Beneficiation studies on a complex copper-lead-zinc ore form Mahabharat Area, Baraghani district, Nepal, from M/s. <Nepal> Minerals Supply Co., Kathmandu

Source: D NML/IRM

Report No: IR744

Location: B/C/4/A/73/1

Keywords: Beneficiation

Lead ores

Year: 1973

MFN: 0878ARCHIV.MST

Author: Sinha, PK

Sengupta, BL

Mathur, GP

Title: Pilot plant studies on beneficiation and sintering of five type samples of iron ore from Donimalai mines for MECON

Source: D NML/IRM

Report No: IR747

Location: B/C/4/B/73/2

Keywords: Iron ores

Year: 1973

MFN: 0879ARCHIV.MST

Author: Maulik, SC

Kunwar, RK

Sengupta, BL

Mathur, GP

Title: Pilot plant studies on the beneficiation of <Joda> <Bihar> hard iron ore sample from M/s. Tata iron steel Co. Ltd part IV. <Tata Steel>

Source: D NML/IRM

Report No: IR748

Location: B/C/4/B/73/2

Keywords: Iron ores

Beneficiation

Year: 1973

MFN: 0880ARCHIV.MST

Author: Sil, SK

Banerjee, SK

Title: Screenability of daitari iron ore from <Orissa> mining corporation, Bhubaneswar

Source: D NML/IRM

Report No: IR749

Location: B/C/4/B/73/2

Keywords: Iron ores

Year: 1973

MFN: 0881ARCHIV.MST

Author: Ganesh, R

Mathur, GP

Title: Studies on reduction of iron content and production of sized quartz sand for the indo-Asahi glass Co. Ltd, <Hazaribagh>, <Bihar>

Source: D NML/IRM

Report No: IR750

Location: B/C/4/B/73/2

Year: 1973

MFN: 0882ARCHIV.MST

Author: Vijayaraghavan, K

Prasad, MS

Raman, PV

Title: Beneficiation of magnesite sample from Pithorgarh, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR751

Location: B/C/4/B/73/2

Keywords: Beneficiation

Magnesite

Year: 1973

MFN: 0883ARCHIV.MST

Author: Sinhababu, SK

Beck, TA

Rao, GN

Title: Investigation on liquid resin received from M/s. Chowgule
Co. PVT, Limited, <Calcutta> <West Bengal>

Source: D NML/IRM

Report No: IR752

Location: B/C/4/B/73/2

Keywords: Polymers

Year: 1973

MFN: 0884ARCHIV.MST

Author: Sengupta, SK

Banerjee, SK

Mathur, GP

Title: Determination of physical characteristics of dolomite (Part I) samples from
<Tamil Nadu> for salem steel plant

Source: D NML/IRM

Report No: IR753

Location: B/C/4/B/73/2

Keywords: Dolomite

Year: 1973

MFN: 0885ARCHIV.MST

Author: Prasad, MS

Pathak, PN

Prasad, SN

Satyanarayana, C

Mathur, GP

Title: Batch and pilot plant studies on the recovery of copper, molybdenum and nickel minerals from the low grade copper ore from <Rakha mines> <Bihar> (Phase II) of Hindusthan copper limited

Source: D NML/IRM

Report No: IR754

Location: B/C/4/B/73/2

Keywords: Copper ores

Recovery

Year: 1973

MFN: 0886ARCHIV.MST

Author: Sinhababu, SK

Beck, TA

Rao, GN

Title: Investigation on bentonites received from M/s. steel cast, <Bhavnagar>, (P) Ltd, <Gujrat> state

Source: D NML/IRM

Report No: IR756

Location: B/C/4/B/73/2

Keywords: Bentonite

Year: 1973

MFN: 0887ARCHIV.MST

Author: Singh, Joga

Banerjee, SK

Title: Measurement of specific surface of iron ore powder received from M/s
Chowgule
Co, Goa

Source: D NML/IRM

Report No: IR758

Location: B/C/4/B/73/2

Keywords: Iron ores

Year: 1973

MFN: 0888ARCHIV.MST

Author: Sengupta, SK

Rao, S Raghunadha

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade run of mine wolframite sample from
Chendapathar mines, <Bankura>, <West Bengal>

Source: D NML/IRM

Report No: IR759

Location: B/C/4/B/73/2

Keywords: Tungsten ores

Beneficiation

Year: 1973

MFN: 0889ARCHIV.MST

Author: Pathak, PN

Banerjee, SK

Mathur, GP

Title: Determination of bond's work index of open hearth slag received from
Mr.B.A.Yashanoff of Calcutta <West Bengal>

Source: D NML/IRM

Report No: IR760

Location: B/C/4/B/73/2

Keywords: Slags

Year: 1973
MFN: 0890ARCHIV.MST

Author: Banerjee, B
Peravadhanulu, A
Patnaik, H
Raman, PV
Title: Mineralogical
Davis tube studies on Lohare iron ore
Source: D NML/IRM
Report No: IR761
Location: B/C/4/B/73/2
Keywords: Iron ores
Year: 1973
MFN: 0891ARCHIV.MST

Title: Project document on agglomeration of product development facilities at
National Metallurgical Laboratory, Jamshedpur
Source: D NML/IRM
Report No: Misc R/73/2
Location: B/C/4/B/73/3
Year: 1973
MFN: 0892ARCHIV.MST

Title: Production of Extra-Fine zinc dust-325 Proposal for demonstration cum Semi-
Commercial unit National Metallurgical Laboratory Jamshedpur
Source: D NML/IRM
Report No: Misc R/73/3
Location: B/C/4/B/73/3
Year: 1973
MFN: 0893ARCHIV.MST

Author: Altekar, VA

Bhattacharya, HP

Pandey, LP

Ghose, MA

Viswanathan, PV

Srinivasan, R

Title: Final report on preparation of <standard reference> materials of Ferro-Alloys a research scheme for national Bureau of standards (USA) under grant No. NBS(G)-92 from PL-480 funds

Source: D NML/IRM

Report No: Misc R/73/1

Location: B/C/4/B/73/3

Year: 1973

MFN: 0894ARCHIV.MST

Author: Gupta, KK

Nayak, AK

Bhatnagar, PP

Title: Extraction of vanadium from vanadium bearing pig iron by an oxidising slag containing mill scale, Lime and silica

Source: D NML/IRM

Report No: RR324

Location: B/C/4/B/73/2

Keywords: Vanadium

Extraction

Year: 1973

MFN: 0895ARCHIV.MST

Author: Singh, Narinder

Mathur, SB

Altekar, VA

Title: Study on recovery of Mercury from flue gases of sulphide ores roasting smelting

Source: D'NML/IRM

Report No: RR372
Location: B/C/4/B/73/2
Keywords: Mercury
Recovery
Year: 1973
MFN: 0896ARCHIV.MST

Author: Singh, Narinder
Mathur, SB
Title: Study of indigenous coal, Fly ashes and flue dusts as a potential source of Germanium
Source: D NML/IRM
Report No: RR373
Location: B/C/4/B/73/2
Keywords: Fly ash
Year: 1973
MFN: 0897ARCHIV.MST

Author: Singh, Narinder
Mathur, SB
Title: Chlorination of Fly Ash and flue dust to recover Germanium
Source: D NML/IRM
Report No: RR374
Location: B/C/4/B/73/2
Keywords: Fly ash
Year: 1973
MFN: 0898ARCHIV.MST

Author: Singh, Narinder
Mathur, SB
Title: Chlorination of Fly Ash and flue dust to recover Germanium
Source: D NML/IRM

Report No: RR374
Location: B/C/4/B/73/2
Keywords: Fly ash
Year: 1973
MFN: 0899ARCHIV.MST

Author: Sengupta, SK
Banerjee, SK
Mathur, GP

Title: On the beneficiation and agglomeration of low grade limestone of India
Source: D NML/IRM
Report No: SR190
Location: B/C/4/B/73/3
Keywords: Beneficiation
Limestone
Year: 1973
MFN: 0900ARCHIV.MST

Author: Pathak, PN
Ranganathan, MV
Banerjee, SK
Mathur, GP

Title: Beneficiation of a low grade Jyanite sample from <Bihar>, for M/s. S. Lal Co., Calcutta
Source: D NML/IRM
Report No: IR763
Location: B/C/4/A/74/1
Keywords: Beneficiation
Year: 1974
MFN: 0901ARCHIV.MST

Author: Verma, MNP

Dutt, Ashimesh

Rao, GN

Kumar, Rajendra

Title: Report on the manufacture of soil pipe castings by foundries in Howrah Region, <West Bengal>

Source: D NML/IRM

Report No: IR764

Location: B/C/4/A/74/1

Year: 1974

MFN: 0902ARCHIV.MST

Author: Chakraborty, DM

Sengupta, SK

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Batch and pilot plant studies on beneficiation of low grade copper ore from Malanjkhand, <Madhya Pradesh>, for Hindustan Copper Ltd.

Source: D NML/IRM

Report No: IR777

Location: B/C/4/A/74/1

Year: 1974

MFN: 0903ARCHIV.MST

Author: Banerjee, Bhaskar

Peravadhanulu, A

Banerjee, SK

Mathur, GP

Title: Petrological studies on 47 graphite ore samples of Palamau Dist, Bihar, received from Government of <Bihar>

Source: D NML/IRM

Report No: IR778

Location: B/C/4/A/74/1

Keywords: Petrology

Graphite ores

Year: 1974

MFN: 0904ARCHIV.MST

Author: Sil, SK

Ranganathan, MV

Banerjee, SK

Title: Testing of pine oil samples received from M/s. Comphor
Allied Products Ltd., Bareilly, U.P.

Source: D NML/IRM

Report No: IR786

Location: B/C/4/A/74/1

Year: 1974

MFN: 0905ARCHIV.MST

Author: Sengupta, SK

Banerjee, SK

Title: Size analyses of feed and under flow sample received from Indian Copper
Complex, H.C.L. Ghatsila

Source: D NML/IRM

Report No: IR788

Location: B/C/4/B/74/3

Year: 1974

MFN: 0906ARCHIV.MST

Author: Prasad, R

Sastry, PR

Rao, GN

Title: Investigation of H-1 bentonite

Source: D NML/IRM

Report No: IR789

Location: B/C/4/A/74/1

Keywords: Bentonite
Year: 1974
MFN: 0907ARCHIV.MST

Author: Prasad, R
Sastry, PR
Rao, GN
Title: Investigation on H-2 bentonite
Source: D NML/IRM
Report No: IR790
Location: B/C/4/A/74/1
Keywords: Bentonite
Year: 1974
MFN: 0908ARCHIV.MST

Author: Prasad, R
Sastry, PR
Rao, GN
Title: Investigation on H-3 bentonite
Source: D NML/IRM
Report No: IR791
Location: B/C/4/A/74/1
Keywords: Bentonite
Year: 1974
MFN: 0909ARCHIV.MST

Author: Prasad, R
Sastry, PR
Rao, GN
Title: Investigation on H-4 bentonite
Source: D NML/IRM
Report No: IR792

Location: B/C/4/A/74/1

Keywords: Bentonite

Year: 1974

MFN: 0910ARCHIV.MST

Author: Prasad, R

Sastry, PR

Rao, GN

Title: Investigation H-5 bentonite

Source: D NML/IRM

Report No: IR793

Location: B/C/4/A/74/1

Keywords: Bentonite

Year: 1974

MFN: 0911ARCHIV.MST

Author: Prasad, R

Sastry, PR

Rao, GN

Title: Investigation on H-6 bentonite

Source: D NML/IRM

Report No: IR794

Location: B/C/4/A/74/1

Keywords: Bentonite

Year: 1974

MFN: 0912ARCHIV.MST

Author: Vijayaraghavan, K

Satyanarayana, C

Ganesh, R

Raman, PV

Mathur, GP

Title: Beneficiation studies on a barite sample from manganapetta Area, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR798

Location: B/C/4/A/74/1

Keywords: Barytes

Beneficiation

Year: 1974

MFN: 0913ARCHIV.MST

Author: Ranganathan, MV

Prasad, S

Banerjee, SK

Mathur, GP

Title: Beneficiation of low grade fluorspar samples from M/s. <Rajasthan> Industrial Mineral Development Corporation

Source: D NML/IRM

Report No: IR799

Location: B/C/4/A/74/1

Keywords: Fluorite

Beneficiation

Year: 1974

MFN: 0914ARCHIV.MST

Author: Banerjee, Bhaskar

Peravadhanulu, A

Banerjee, SK

Mathur, GP

Title: Petrological studies on 47 graphite ore samples of Palamau Dist., Bihar from Government of <Bihar>

Source: D NML/IRM

Report No: IR801

Location: B/C/4/A/74/1

Keywords: Petrology

Year: 1974

MFN: 0915ARCHIV.MST

Author: Sinha, PK

Sharma, VK

Sengupta, BL

Mathur, GP

Title: Pelletization of donimalai iron ore fines and production of 500 Kg, of pellets for testing at Hyl and Midrex Laboratories on behalf of MECON, Ranchi, <Bihar>

Source: D NML/IRM

Report No: IR802

Location: B/C/4/A/74/1

Keywords: Pelleting

Iron ores

Fines

Year: 1974

MFN: 0916ARCHIV.MST

Author: Ganesh, R

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on ROm graphite sample from <Rajasthan> State industrial and Mineral Development Corporation

Source: D NML/IRM

Report No: IR803

Location: B/C/4/A/74/1

Keywords: Beneficiation

Graphite

Year: 1974

MFN: 0917ARCHIV.MST

Author: Satyanarayana, C

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade wolframite sample from agargaon,
Nagpur District, <Maharashtra>

Source: D NML/IRM

Report No: IR805

Location: B/C/4/A/74/1

Keywords: Beneficiation

Wolframite

Year: 1974

MFN: 0918ARCHIV.MST

Author: Chakraborty, N

Singh, Joga

Prasad, SN

Mathur, GP

Title: Comprehensive studies on pelletisation of iron ore fines from Noamundi
mines of Tisco <Tata Steel>

Source: D NML/IRM

Report No: IR808

Location: B/C/4/A/74/1

Keywords: Pelleting

Iron ores

Fines

Year: 1974

MFN: 0919ARCHIV.MST

Author: Sinha, OK

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Pelletization of Nolani Iron Ore fines incorporating blue dust and production of 500 Kgs of pellets for testing at HYL and Midrex Laboratories on behalf of MECON, Ranchi, <Bihar>

Source: D NML/IRM

Report No: IR809

Location: B/C/4/A/74/1

Keywords: Iron ores

Pelleting

Year: 1974

MFN: 0920ARCHIV.MST

Author: Kunwar, RK

Maulik, SC

Singh, Joga

Sengupta, BL

Mathur, GP

Title: Pilot plant beneficiation studies on iron ores from Meghatuburu mines of M/s. National Mineral Development Corporation Limited: Part I - Composite sample

Source: D NML/IRM

Report No: IR810

Location: B/C/4/A/74/1

Keywords: Beneficiation

Iron ores

Year: 1974

MFN: 0921ARCHIV.MST

Author: Kunwar, RK

Maulik, SC

Singh, Joga

Sengupta, BL

Mathur, GP

Title: Pilot plant beneficiation studies on iron ores from Meghatuburu Mines of M/s. National Mineral Development Corporation Limited, <NMDC>

Source: D NML/IRM
Report No: IR811
Location: B/C/4/A/74/1
Keywords: Iron ores
Beneficiation
Year: 1974
MFN: 0922ARCHIV.MST

Author: Mohan, V
Ranganathan, MV
Banerjee, SK
Mathur, GP
Title: Beneficiation studies on limestone samples from Manipur, Govt. of Assam
Source: D NML/IRM
Report No: IR812
Location: B/C/4/A/74/1
Keywords: Limestone
Year: 1974
MFN: 0923ARCHIV.MST

Author: Chakraborty, N
Singh, Joga
Mathur, GP
Title: Pelletizing of iron ore fines from Rajhara Mines and comparison of properties with cold bonded pellets made by RRL, Jorhat, <Assam>
Source: D NML/IRM
Report No: IR979
Location: B/C/4/A/74/1
Keywords: Pelleting
Iron ores
Fines
Year: 1974

MFN: 0924ARCHIV.MST

Title: Contributions and current Research and Deveopment Programme for public sector enterprises and Department of Mines and metals

Source: D NML/IRM

Report No: Misc R/74/1

Location: B/C/4/B/74/2

Year: 1974

MFN: 0925ARCHIV.MST

Author: Singh, R Santokh

Virdhi, PS

Chatterjee, AB

Title: Possibility of producing molten pig iron from fine grained iron ore fuel and limestone in a revolving furnace

Source: D NML/IRM

Report No: RR326

Location: B/C/4/A/74/1

Year: 1974

MFN: 0926ARCHIV.MST

Author: Peravadhanulu, A

Mathur, GP

Title: Development research of industrial <strategic minerals> and ores at National Metallurgical Laboratory with special reference to <Maharashtra> Region

Source: D NML/IRM

Report No: SR193

Location: B/C/4/B/74/3

Year: 1974

MFN: 0927ARCHIV.MST

Author: Ranganathan, MV

Sil, SK

Banerjee, SK

Mathur, GP

Title: Beneficiation tests on three low grade iron ore samples from Girar deposits of Jhansi District, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR816

Location: B/C/4/A/75/1

Keywords: Beneficiation

Iron ores

Year: 1975

MFN: 0928ARCHIV.MST

Author: Rao, PDP

Sengupta, BL

Mathur, GP

Title: Studies on the screenability of composite iron ore samples from Meghatburu Mines - <NMDC> Ltd. <Rajasthan>

Source: D NML/IRM

Report No: IR817

Location: B/C/4/A/75/1

Keywords: Iron ores

Year: 1975

MFN: 0929ARCHIV.MST

Author: Sil, SK

Rao, S Raghunadha

Banerjee, SK

Title: Beneficiation studies on coal sample from Bhowrah Colliery

Source: D NML/IRM

Report No: IR819

Location: B/C/4/A/75/1

Keywords: Beneficiation

Coal

Year: 1975

MFN: 0930ARCHIV.MST

Author: Ganesh, R

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on Gypsum sample from Nagaur mines,
<Rajasthan>, (Received from RSIMDCO)

Source: D NML/IRM

Report No: IR821

Location: B/C/4/A/75/1

Keywords: Beneficiation

Gypsum

Year: 1975

MFN: 0931ARCHIV.MST

Author: Nagraja, NV

Unni, MKE

Gupta, KN

Title: Comparative study of reduction characteristics of Kalta, Barsua and
Barajamda Iron Ores of Rourkela Steel Plant, <Orissa>

Source: D NML/IRM

Report No: IR822

Location: B/C/4/A/75/1

Keywords: Iron ores

Year: 1975

MFN: 0932ARCHIV.MST

Author: Sinha, PK

Chakraborty, N

Mathur, GP

Title: Pelletization of Kudremukh iron ore concentrate and production of pellets for
MRCON to be tested at Hyl and <Midrex> Laboratories

Source: D NML/IRM
Report No: IR824
Location: B/C/4/A/75/1
Keywords: Iron ores
Pelletizing
Year: 1975
MFN: 0933ARCHIV.MST

Author: Ranganathan, MV
Banerjee, SK
Mathur, GP

Title: Bench scale beneficiation studies on a low grade limestone sample from Jhalda area, Purulia District, for M/s. <West Bengal> Cements Ltd., Calcutta
Source: D NML/IRM
Report No: IR825
Location: B/C/4/A/75/1
Keywords: Limestone
Beneficiation
Year: 1975
MFN: 0934ARCHIV.MST

Title: Report on the tests on iron ores, limestone and Char Coal sample received from <Nepal> Bureau of Mines
Source: D NML/IRM
Report No: IR826
Location: B/C/4/A/75/1
Keywords: Iron ores
limestone
Coal
Year: 1975
MFN: 0935ARCHIV.MST

Author: Rao, PDP

Singh, Joga

Banerjee, SK

Mathur, GP

Title: Reduction of ash content in a coal sample received from M/s. Tisco Ltd. <Tata Steel>

Source: D NML/IRM

Report No: IR831

Location: B/C/4/A/75/1

Keywords: Coal

Year: 1975

MFN: 0936ARCHIV.MST

Author: Prasad, S

Sinha, PK

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on beneficiation and sintering of kemmantundi iron ore from M/s. Mysore Iron and Steel Ltd., Bhadravati, <Karnataka> State: Part II - Sintering

Source: D NML/IRM

Report No: IR833

Location: B/C/4/A/75/1

Keywords: Beneficiation

Iron ores

Year: 1975

MFN: 0937ARCHIV.MST

Author: Pathak, PN

Singh, Joga

Mathur, GP

Title: Determination of work index values of three samples received from M/s. McNally Bharat Engineering Co. Ltd.

Source: D NML/IRM

Report No: IR835
Location: B/C/4/A/75/1
Year: 1975
MFN: 0938ARCHIV.MST

Author: Singh, R
Prasad, K
Bose, SC
Choubey, R
Kumar, R
Title: Report on investigation of creep, stress-rupture and stress-relaxation properties of 1 1/4Cr-1Mo-3/4V-Ti-B bolting steel
Source: D NML/IRM
Report No: IR837
Location: B/C/4/A/75/1
Keywords: Steels
Creep
Year: 1975
MFN: 0939ARCHIV.MST

Author: Kunwar, RK
Sinha, PK
Banerjee, SK
Mathur, GP
Title: Pilot plant studies on the flowability and screenability characteristics of iron ore samples from Meghataburu mines <NMDC> Ltd.<Rajasthan>
Source: D NML/IRM
Report No: IR838
Location: B/C/4/A/75/1
Year: 1975
MFN: 0940ARCHIV.MST

Author: Ganesh, R

Banerjee, SK

Mathur, GP

Title: Beneficiation of low grade Kyanite from Khammam District, <Andhra Pradesh> (received from M/s. Lal Traders Agencies Pvt. Ltd.)

Source: D NML/IRM

Report No: IR839

Location: B/C/4/A/75/1

Keywords: Kyanite

Year: 1975

MFN: 0941ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Banerjee, SK

Title: Petrological studies on phosphate rock sample from purulia, <West Bengal> received from M/s. Sadhana Enterprises, Delhi

Source: D NML/IRM

Report No: IR840

Location: B/C/4/A/75/1

Keywords: Petrology

Year: 1975

MFN: 0942ARCHIV.MST

Author: Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Bench scale flotation studies for recovery of Apatite as a by-product from the I.C.C. Flotation Tailing samples

Source: D NML/IRM

Report No: IR841

Location: B/C/4/A/75/1

Keywords: Flotation

Tailings

Year: 1975

MFN: 0943ARCHIV.MST

Author: Ganesh, R

Sil, SK

Chakraborty, N

Banerjee, SK

Mathur, GP

Title: Batch and pilot plant studies on low grade graphite samples from Banswara,
<Rajasthan>

Source: D NML/IRM

Report No: IR844

Location: B/C/4/A/75/1

Keywords: Graphite

Year: 1975

MFN: 0944ARCHIV.MST

Author: Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Bench scale flotation studies on a sample of low grade copper ore
)4(Sulphide ore) from Chapri deposit for I.C.C., Ghatsila, (H.C.L.)

Source: D NML/IRM

Report No: IR845

Location: B/C/4/A/75/1

Keywords: Copper ores

Year: 1975

MFN: 0945ARCHIV.MST

Author: Singh, Joga

Rao, PD Prasad

Banerjee, SK

Mathur, GP

Title: Beneficiation of Amjhore Pyrite employing Gravity methods

Source: D NML/IRM

Report No: IR846

Location: B/C/4/A/75/1

Keywords: Beneficiation

Pyrite

Year: 1975

MFN: 0946ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Banerjee, SK

Mathur, GP

Title: Investigation on the mineralogical nature of the Tungsten ore concentrate sample received from M/s. Sandwik Asia Ltd., <Poona>

Source: D NML/IRM

Report No: IR847

Location: B/C/4/A/75/1

Keywords: Tungsten ores

Year: 1975

MFN: 0947ARCHIV.MST

Author: Vijayaraghavan, K

Srinivasan, R

Satyanarayana, C

Raman, PV

Bhatnagar, PR

Title: Beneficiation of a low grade silimanite sample from Messrs. Mineral Sales Pvt. Ltd., Hospet

Source: D NML/IRM

Report No: IR848

Location: B/C/4/A/75/1

Keywords: Sillimanite
Year: 1975
MFN: 0948ARCHIV.MST

Author: Saha, AK
Nayak, AK
Akerkar, DD
Title: Static bed calcination of Jhamarkotra Phosphate Rock
Source: D NML/IRM
Report No: IR849
Location: B/C/4/A/75/1
Year: 1975
MFN: 0949ARCHIV.MST

Author: Kunwar, RK
Chakraborty, N
Banerjee, SK
Mathur, GP
Title: Beneficiation of iron ore slime received from the Noamundi Washing Plant of Tisco Ltd., Jamshedpur
Source: D NML/IRM
Report No: IR850
Location: B/C/4/A/75/1
Keywords: Iron ores
Year: 1975
MFN: 0950ARCHIV.MST

Author: Singh, Tirath
Padan, JS
Joti, SR
Sinha, PK
Chakraborty, N

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on beneficiation of low grade lumpy and fine iron ores from
Codli Mines of M/s. Min Goa (P) Ltd.

Source: D NML/IRM

Report No: IR851

Location: B/C/4/A/75/1

Year: 1975

MFN: 0951ARCHIV.MST

Author: Banerjee, Bhaskar

Peravadhanulu, A

Title: Petrological and D.T.A. studies on Bayaram iron ores and microscopical
studies of sponge iron for <Andhra Pradesh> industrial Development
Corporation, Andhra Pradesh

Source: D NML/IRM

Report No: IR9830

Location: B/C/4/A/75/1

Keywords: Sponge iron

Petrology

Year: 1975

MFN: 0952ARCHIV.MST

Author: Kulkarni, MR

Sampath, VS

Altekar, VA

Title: Applications of ferrous materials for high temperature technology

Source: D NML/IRM

Report No: LR90

Location: B/C/4/A/75/2

Keywords: High Temperature

Year: 1975

MFN: 0953ARCHIV.MST

Author: Singh, R Santokh
Virdhi, PS
Title: Cupola iron melting with hot air blast
Source: D NML/IRM
Report No: RR341
Location: B/C/4/A/75/2
Keywords: Cupolas
Iron
Year: 1975
MFN: 0954ARCHIV.MST

Author: Singh, R Santokh
Virdhi, PS
Kapoor, AN
Altekar, VA
Title: Cupola iron melting with oxygen enriched hot air blast
Source: D NML/IRM
Report No: RR343
Location: B/C/4/A/75/2
Keywords: Cupolas
Iron
Year: 1975
MFN: 0955ARCHIV.MST

Author: Kunwar, RK
Rao, PDP
Banerjee, SK
Mathur, GP
Title: Reduction of ash content from the coal washery fines of West Bokaro Colliery of Tisco Ltd., <Bihar>
Source: D NML/IRM

Report No: IR853
Location: B/C/4/B/76/1
Keywords: Coal
Year: 1976
MFN: 0956ARCHIV.MST

Author: Arora, RC
Verma, MNP

Title: Moulding characteristics of sand sample no.7 received from Directorate of
Geology
Mining, Lucknow, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR854
Location: B/C/4/B/76/1
Keywords: Molding
Sand
Year: 1976
MFN: 0957ARCHIV.MST

Author: Singh, Tirath
Padan, JS
Joti, SR
Sinha, PK
Chakraborty, N
Banerjee, SK
Mathur, GP

Title: Pilot plant studies on beneficiation of High grade lumpy and high grade fine
iron ores from Codli mines of M/s. Mingoa Private Limited

Source: D NML/IRM
Report No: IR855
Location: B/C/4/B/76/1
Keywords: Beneficiation
Iron ores

Year: 1976

MFN: 0958ARCHIV.MST

Author: Sil, SK

Ranganathan, MV

Peravadhanulu, A

Banerjee, SK

Title: Determination of physical characteristics of five limestone samples for M/s. Tata Robins Fraser Ltd., <Jamshedpur>, <Bihar>

Source: D NML/IRM

Report No: IR859

Location: B/C/4/B/76/1

Keywords: Limestone

Year: 1976

MFN: 0959ARCHIV.MST

Author: Patnaik, H

Sengupta, SK

Chakraborty, N

Mathur, GP

Title: Beneficiation of iron ore fines from bolani and Gua Mines designated as type III
IV samples for Central Pelletisation Project in the <Bihar>-<Orissa> region sponsored by MECON

Source: D NML/IRM

Report No: IR860

Location: B/C/4/B/76/1

Keywords: Beneficiation

Iron ores

Year: 1976

MFN: 0960ARCHIV.MST

Author: Chakraborty, N

Patnaik, H

Kunwar, RK

Mathur, GP

Title: Studies on pelletisation characteristics of iron ore fines concentrates from Bolani and Gua Mines sponsored by MECON for Central Pelletisation Project in the <Bihar>-<Orissa> region

Source: D NML/IRM

Report No: IR861

Location: B/C/4/B/76/1

Keywords: Pelleting

Fines

Year: 1976

MFN: 0961ARCHIV.MST

Author: N M L

Title: Electric smelting of Lohara Iron Ore for the production of pig iron with raw materials supplied by M/s. Maharashtra Electrosmelt Ltd., Bombay, <Maharashtra>

Source: D NML/IRM

Report No: IR862

Location: B/C/4/B/76/1

Keywords: Pig Iron

Year: 1976

MFN: 0962ARCHIV.MST

Author: Vijayaraghavan, K

Srinivasan, R

Satyanarayana, C

Raman, PV

Khangaonkar, PR

Title: Heavy media separation studies on a magnesite sample from M/s. Burn Co., Salem

Source: D NML/IRM

Report No: IR863

Location: B/C/4/B/76/1

Keywords: Magnesite

Separation

Year: 1976

MFN: 0963ARCHIV.MST

Author: Sengupta, BL

Ghosh, SR

Barari, HB

Patnaik, H

Paul, BK

Rafiuddin, S

Sharma, VK

Gupta, KN

Mathur, GP

Title: Pilot plant investigation on the production of sponge iron in rotary kiln with iron ores and coals from <Orissa> for Industrial promotion and investment corporation of Orissa Ltd.

Source: D NML/IRM

Report No: IR864

Location: B/C/4/B/76/1

Keywords: Sponge Iron

Year: 1976

MFN: 0964ARCHIV.MST

Author: Arora, RC

Verma, MNP

Title: Moulding characteristics of sand sample no.8 received from Directorate of Geology
Mining, Lucknow <Uttar Pradesh>

Source: D NML/IRM

Report No: IR865

Location: B/C/4/B/76/1

Keywords: Molding
Sand

Year: 1976

MFN: 0965ARCHIV.MST

Author: Vijayaraghavan, K
Satyanarayana, C
Srinivasan, R
Raman, PV
Viswanathan, PV
Khangaonkar, PR

Title: Beneficiation and pelletisation studies on a limestone sample from M/s.
Industrial Chemical Ltd., <Tamil Nadu>

Source: D NML/IRM

Report No: IR866

Location: B/C/4/B/76/1

Keywords: Limestone
Pelletizing
Beneficiation

Year: 1976

MFN: 0966ARCHIV.MST

Author: Mohan, V
Srinivasan, R
Satyanarayana, C
Raman, PV
Khangaonkar, PR

Title: Beneficiation studies on two iron ore samples from Chandoli and Yeraballi,
Karimnagar Dist. Andhra Pradesh, from Director, Geology and mining,
<Andhra Pradesh>

Source: D NML/IRM

Report No: IR868

Location: B/C/4/B/76/1

Keywords: Beneficiation

Iron ores

Year: 1976

MFN: 0967ARCHIV.MST

Author: Ranganathan, MV

Pathak, PN

Banerjee, SK

Title: Bench scale flotation studies on low grade fluorspar samples from "Kahila" add "Mandokipal" deposits for M/s. rajasthan Industries Mineral Development Corporation, Jaipur, <Rajasthan>

Source: D NML/IRM

Report No: IR869

Location: B/C/4/B/76/1

Keywords: Flotation

Fluorite

Year: 1976

MFN: 0968ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Banerjee, SK

Title: Petrological and chemical analysis studies on a low grade kyanite ore sample from Bharandiha village, Chakradharpur, Bihar, received from <Bihar> state Mineral Development Corporation, <Patna>

Source: D NML/IRM

Report No: IR870

Location: B/C/4/C/75/1

Keywords: Kyanite

Year: 1976

MFN: 0969ARCHIV.MST

Author: Moulik, SC

Kunwar, RK
Sengupta, BL
Banerjee, SK
Mathur, GP

Title: Beneficiation and agglomeration studies on a low grade iron ore sample from Chandradinga, <Assam>

Source: D NML/IRM

Report No: IR871

Location: B/C/4/B/76/1

Keywords: Iron ores

Beneficiation

Year: 1976

MFN: 0970ARCHIV.MST

Author: Singh, Tirath

Kunwar, RK

Dasgupta, SP

Sinha, PK

Joti, SR

Padan, JS

Chakraborty, N

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on beneficiation of composite iron ore sample from Bailadila-4 mines of National Mineral Development Corporation

Source: D NML/IRM

Report No: IR872

Location: B/C/4/B/76/1

Year: 1976

MFN: 0971ARCHIV.MST

Author: Ranganathan, MV

Pathak, PN

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on a magnetite sample for M/s Bharat coking coal Ltd, <Dhanbad>

Source: D NML/IRM

Report No: IR874

Location: B/C/4/C/76/1

Keywords: Beneficiation

Magnesite

Year: 1976

MFN: 0972ARCHIV.MST

Author: Vijayaraghavan, K

Satyanarayana, C

Raman, PV

Khangaonkar, PR

Title: Beneficiation studies on a low grade lime stone sample from M/s India cements, Sankari

Source: D NML/IRM

Report No: IR875

Location: B/C/4/B/76/1

Keywords: Beneficiation

Limestone

Year: 1976

MFN: 0973ARCHIV.MST

Author: Chatteraj, US

Shrivastava, AK

Sengupta, SK

Rafiuddin, S

Barari, HB

Sengupta, BL

Chakraborty, N

Mathur, GP

Title: Bench and pilot plant scale flotation studies with a copper ore sample from Khetri Copper Complex, Hindustan Copper Limited , <Rajasthan>

Source: D NML/IRM

Report No: IR879

Location: B/C/4/B/76/1

Year: 1976

MFN: 0974ARCHIV.MST

Author: Rao, PDP

Ranganathan, MV

Sharma, VK

Banerjee, SK

Mathur, GP

Title: Beneficiation of a low grade kyanite sample marked BT-3 from Lapsoburu Mines of M/s. Indian Copper Complex, Hindustan Copper Limited, Ghatsila, <Bihar>

Source: D NML/IRM

Report No: IR880

Location: B/C/4/B/76/1

Year: 1976

MFN: 0975ARCHIV.MST

Author: Prasad, S

Ranganathan, MV

Banerjee, SK

Title: Bench scale beneficiation studies on a low grade kyanite sample, designated BT-4 (West-Hill) from Lapsoburu Mines of M/s. Indian Copper Complex, H.C.L., Ghatsila, <Bihar>

Source: D NML/IRM

Report No: IR882

Location: B/C/4/B/76/1

Keywords: Beneficiation

Kyanite

Year: 1976

MFN: 0976ARCHIV.MST

Author: Sil, SK

Ganesh, R

Banerjee, SK

Title: Beneficiation of a graphite sample from Khammam Dist. <Andhra Pradesh>
(Received from A.P.I.D.C.)

Source: D NML/IRM

Report No: IR886

Location: B/C/4/B/76/1

Keywords: Graphite

Beneficiation

Year: 1976

MFN: 0977ARCHIV.MST

Author: Biswas, S

Banerjee, B

Sinha, PK

Peravadhanulu, A

Sengupta, BL

Title: Studies on physical characteristics of a sandstone sample from The Central
Mine Planning and Design Institute Limited, Ranchi, <Bihar>

Source: D NML/IRM

Report No: IR887

Location: B/C/4/B/76/1

Year: 1976

MFN: 0978ARCHIV.MST

Author: Sengupta, S

Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Evaluation of some of the CAFLO products as flocculants for M/s. Commercial Corporates Limited, Calcutta, <West Bengal>

Source: D NML/IRM

Report No: IR888

Location: B/C/4/B/76/1

Keywords: Flocculants

Year: 1976

MFN: 0979ARCHIV.MST

Author: De, TC

Bhattacharya, KK

Srivastava, NP

Chakraborty, N

Mathur, GP

Title: Calcination studies on Jhamarkotra rock phosphate

Source: D NML/IRM

Report No: IR890

Location: B/C/4/B/76/1

Keywords: Phosphates

Year: 1976

MFN: 0980ARCHIV.MST

Author: Prasad, S

Dey, TC

Chakraborty, N

Mathur, GP

Title: Beneficiation studies on maldeota rock phosphate sample from Mussoorie, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR891

Location: B/C/4/B/76/1

Keywords: Beneficiation

Phosphates

Year: 1976

MFN: 0981ARCHIV.MST

Author: Singh, Joga

Mathur, GP

Title: Determination of work index values of sintered dolomite received from <Bhilai> Steel Plant, <Madhya Pradesh>. for M/s. McNally Bharat Engineering Co. Ltd.

Source: D NML/IRM

Report No: IR892

Location: B/C/4/B/76/1

Keywords: Dolomite

Year: 1976

MFN: 0982ARCHIV.MST

Title: Investigation on bentonites received from M/s Petrography and mineral chemistry, Directorate of geology and mining, Ahmedabad

Source: D NML/IRM

Report No: IR893

Location: B/C/4/C/76/1

Year: 1976

MFN: 0983ARCHIV.MST

Author: Sharma, VK

Prasad, S

Ranganathan, MV

Chakraborty, N

Mathur, GP

Title: Bench scale beneficiation studies on a magnesite sample from Pithoragarh, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR894

Location: B/C/4/B/76/2

Keywords: Magnesite
Beneficiation
Year: 1976
MFN: 0984ARCHIV.MST

Author: Unni, MKE
Sinhamahapatra, AK
Gupta, KN

Title: Studies on the reducibility, swelling index and crushing strength after
reduction of Noamundi iron ore pellets

Source: D NML/IRM
Report No: IR895
Location: B/C/4/B/76/2
Keywords: Iron ores
pellets
Year: 1976
MFN: 0985ARCHIV.MST

Author: Dasgupta, SP
Sengupta, SK
Banerjee, SK

Title: Beneficiation of low grade manganese ore from Keonjhar area, <Orissa>

Source: D NML/IRM
Report No: IR896
Location: B/C/4/B/76/2
Keywords: Manganese ores
Beneficiation
Year: 1976
MFN: 0986ARCHIV.MST

Author: Vijayaraghavan, K
Satyanarayana, C

Raman, PV

Khangaonkar, PR

Title: Beneficiation of a low grade magnesite sample from M/s Kemcos Industries,
Madras

Source: D NML/IRM

Report No: IR897

Location: B/C/4/C/76/2

Keywords: Beneficiation

Magnesite

Year: 1976

MFN: 0987ARCHIV.MST

Author: Vijayaraghavan, K

Viswanathan, PV

Sankaran, C

Raman, PV

Khangaonkar

Title: Physical tests on four samples of iron ore received from sail, Bangalore

Source: D NML/IRM

Report No: IR898

Location: B/C/4/C/76/2

Keywords: Iron ores

Year: 1976

MFN: 0988ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Banerjee, SK

Title: Petrological studies on low grade graphite ore samples of Palamau district,
<Bihar>

Source: D NML/IRM

Report No: IR900

Location: B/C/4/B/76/2

Keywords: Petrology

Graphite ores

Year: 1976

MFN: 0989ARCHIV.MST

Author: Biswas, S

Sahoo, L

Sinha, PK

Paul, BK

Barari, HB

Banerjee, SK

Title: Studies on beneficiation of a blended sample of pyrite from Saladipura area
by gravity methods

Source: D NML/IRM

Report No: IR903

Location: B/C/4/C/76/2

Keywords: Beneficiation

Year: 1976

MFN: 0990ARCHIV.MST

Author: Biswas, S

Joti, SR

Chakraborty, N

Banerjee, SK

Mathur, GP

Title: Beneficiation tests on a low grade iron ore sample from M/S EMCO <Goa>
pvt ltd

Source: D NML/IRM

Report No: IR905

Location: B/C/4/B/76/2

Keywords: Beneficiation

Iron ores

Year: 1976

MFN: 0991ARCHIV.MST

Author: Altekar, VA

Singh, S

Rao, GN

Virdhi, PS

Dash, RR

Title: Melting trials with cast iron boring briquettes in cupola and arc furnace

Source: D NML/IRM

Report No: Misc R/76/1

Location: B/C/4/B/76/2

Keywords: Cast iron

Cupolas

Year: 1976

MFN: 0992ARCHIV.MST

Title: Development of high permeability nickel iron alloys

Source: D NML/IRM

Report No: RR355

Location: B/C/4/B/76/2

Keywords: Alloys

Year: 1976

MFN: 0993ARCHIV.MST

Author: Singh, KK

Title: Clay bonded graphite refractories - a review

Source: D NML/IRM

Report No: SR200

Location: B/C/4/B/76/2

Keywords: Refractories

Year: 1976

MFN: 0994ARCHIV.MST

Author: Singh, Tirath

Sinha, PK

Padan, JS

Chakravorty, N

Banerjee, SK

Title: Pilot plant studies on Beneficiation of iron ore fines from Borga Mines,
supplied by M/s. Panduronga timblo industries Margao, <Goa>

Source: D NML/IRM

Report No: IR906

Location: B/C/4/D/77/1

Year: 1977

MFN: 0995ARCHIV.MST

Author: Chattoraj, US

Ghosh, SR

Sinha, PK

Sengupta, BL

Banerjee, SK

Title: Pilot plant studies on crushing and screening of iron ore and limestone from
Nepal Bureau of Mines

Source: D NML/IRM

Report No: IR907

Location: B/C/4/D/77/1

Keywords: iron ores

Year: 1977

MFN: 0996ARCHIV.MST

Author: Pathak, PN

Ranganathan, MV

Banerjee, SK

Title: Specified tests on the physical characteristics of a limestone sample received
from M/s Tata Robins Fraser Ltd. <Jamshedpur>

Source: D NML/IRM
Report No: IR910
Location: B/C/4/D/77/1
Keywords: Limestone
Year: 1977
MFN: 0997ARCHIV.MST

Author: Singh, T
Kunwar, RK
Dasgupta, SP
Singh, PK
Joti, SR
Padan, JS
Cahkravorty, N
Banerjee, SK
Mathur, GP

Title: Pilot plant studies on Beneficiation of five iron ore sample of Balladila-4 mines from M/s National Mineral Development Corporation

Source: D NML/IRM
Report No: IR911
Location: B/C/4/D/77/1
Keywords: Beneficiation
Year: 1977
MFN: 0998ARCHIV.MST

Author: Mohan, V
Raman, PV
Khangaonkar, PR

Title: Beneficiation studies on a low grade kyanite- sillimanite sample from <Andhra Pradesh>

Source: D NML/IRM
Report No: IR912-M
Location: B/C/4/D/77/1

Keywords: Beneficiation

Kyanite

Year: 1977

MFN: 0999ARCHIV.MST

Author: Chattoraj, US

Maulik, SC

Banerjee, B

Title: Bench scale flotation studies on an oxidised copper ore sample from Chapri
<Bihar> received from M/s Indian Coper Complex, Ghatsila, H.C.L.

Source: D NML/IRM

Report No: IR913

Location: B/C/4/D/77/1

Keywords: Flotation

Year: 1977

MFN: 1000ARCHIV.MST

Author: Rao, MRK

Sarkar, NB

Sen, PC

Hargave

Title: An appraisal of occurrence and requirements of kyanite in India and a
preliminary investigation on the refractory properties and processing of
beneficiated Kyanite Concentrates

Source: D NML/IRM

Report No: IR914

Location: B/C/4/D/77/1

Keywords: Kyanite

Year: 1977

MFN: 1001ARCHIV.MST

Author: Vijayaraghavan, K

Satyanarayana, C

Raman, PV

Khangaonkar, PR

Title: Beneficiation studies on a limesludge sample from M/s Indian oxygen Limited, Calcutta

Source: D NML/IRM

Report No: IR915

Location: B/C/4/D/77/1

Year: 1977

MFN: 1002ARCHIV.MST

Author: Ganesh, R

Das, MC

Ramaiah, V

Chakravorty, N

Mathur, GP

Title: Batch and pilot plant studies on low grade graphite from Thodupuzha Area, Kerala, received from the <Kerala> state Industrial Development corporation

Source: D NML/IRM

Report No: IR916

Location: B/C/4/D/77/1

Keywords: graphite

Year: 1977

MFN: 1003ARCHIV.MST

Author: Singh, Joga

Ranganathan, MV

Chakravorty, N

Mathur, GP

Title: Bench scale beneficiation studies on low grade Complex Pb-Zn ore sample from Genekha area, Bhutan for geological survey of India, <Bhutan> unit

Source: D NML/IRM

Report No: IR917

Location: B/C/4/D/77/1

Keywords: beneficiation

Year: 1977

MFN: 1004ARCHIV.MST

Title: Electrothrmal smelting of <Nepal> iron ore

Source: D NML/IRM

Report No: IR918

Location: B/C/4/D/77/1

Keywords: iron ores

Year: 1977

MFN: 1005ARCHIV.MST

Author: Prasad, S

Bhattacharya, KK

De, TC

Srivastava, NP

Chakravorty, N

Mathur, GP

Title: Flotation studies on a composite sample of rock phosphate from Jhamarkotra,
received from Rajasthan state Mines and Minerals Limited

Source: D NML/IRM

Report No: IR920

Location: B/C/4/D/77/1

Keywords: phosphates

flotation

Year: 1977

MFN: 1006ARCHIV.MST

Author: Chakraborty, DM

Sengupta, SK

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on Cu-Pb-Zn complex sulphide ore sample from Ambaji-Mines of M/s G.M.D.C. Ltd

Source: D NML/IRM

Report No: IR922

Location: B/C/4/D/77/1

Keywords: Beneficiation
sulphide

Year: 1977

MFN: 1007ARCHIV.MST

Author: Rao, PDP

Sharma, VK

Banerjee, SK

Mathur, GP

Title: Beneficiation of low grade phosphate from <Purulia> District, <West Bengal>, received from M/s Sadana Enterprises New Delhi

Source: D NML/IRM

Report No: IR925

Location: B/C/4/D/77/1

Year: 1977

MFN: 1008ARCHIV.MST

Author: Dash, RR

Rao, GN

Title: Moulding characteristics of Kagna river sand marked No.I received from Acc-Vickers Babcock Ltd. Sahabad works

Source: D NML/IRM

Report No: IR926

Location: B/C/4/D/77/1

Keywords: Molding
sand

Year: 1977

MFN: 1009ARCHIV.MST

Author: Dash, RR

Rao, GN

Title: Moulding characteristics of national River sand marked No.2 received from Acc-Vicker Babcock Ltd, Sahabad works

Source: D NML/IRM

Report No: IR927

Location: B/C/4/D/77/1

Keywords: Molding

sand

Year: 1977

MFN: 1010ARCHIV.MST

Author: Sinhababu, SK

Beck, TA

Rao, GN

Title: Moulding characteristics of glass sand sample No.A received from state mining Corporation, <Lucknow>, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR928

Location: B/C/4/D/77/1

Keywords: Molding

sand

Year: 1977

MFN: 1011ARCHIV.MST

Author: Pathak, PN

Chakraborty, DM

Banerjee, SK

Title: Determination of Bond's work index of a basic steel plant sample, received from M/s Hindustan steel Limited, Ranchi

Source: D NML/IRM

Report No: IR930

Location: B/C/4/D/77/1

Year: 1977

MFN: 1012ARCHIV.MST

Author: Vijayaraghavan, K

Raman, PV

Khangaonkar, PR

Title: Beneficiation studies on a low grade magnetite sample from Nainarmalai,
<Tamil Nadu>

Source: D NML/IRM

Report No: IR931

Location: B/C/4/D/77/1

Keywords: Beneficiation

Year: 1977

MFN: 1013ARCHIV.MST

Author: Pathak, PN

Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on a bulk sample of tin-bearing pegmatite
(Mother Rock) from Kupli Hills, Bastar DT, M.P. received from the Director,
Geology and Mining, <Raipur>, <Madhya Pradesh>

Source: D NML/IRM

Report No: IR932

Location: B/C/4/D/77/1

Keywords: Beneficiation

Year: 1977

MFN: 1014ARCHIV.MST

Author: Mahanty, MS

Sankaran, C

Akerkar, DD

Title: Report on digestion tests on bauxite samples received from M/S national industries development corporation ltd.

Source: D NML/IRM

Report No: IR933

Location: B/C/4/D/77/2

Keywords: Bauxite

Year: 1977

MFN: 1015ARCHIV.MST

Author: Chakraborty, N

Title: Beneficiation of a tourmaline bearing kyanite sample from Pardi mines, Bhandara district, <Maharashtra>

Source: D NML/IRM

Report No: IR934

Location: B/C/4/D/77/2

Keywords: Kyanite

Year: 1977

MFN: 1016ARCHIV.MST

Author: Chatteraj, US

Title: Studies on reduction of iron content of silica sand samples from state mineral development corp., Lucknow, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR935

Location: B/C/4/D/77/2

Keywords: Sand

Year: 1977

MFN: 1017ARCHIV.MST

Author: Rao, PD Prasada

Ramaiah, V

Banerjee, SK

Mathur, GP

Title: Beneficiation of low grade phosphate from Purulia District, <West Bengal>
received from fertilizer Corporation of India, Sindri

Source: D NML/IRM

Report No: IR936

Location: B/C/4/D/77/2

Keywords: Phosphates

Beneficiation

Year: 1977

MFN: 1018ARCHIV.MST

Author: Sil, SK

Chakraborty, DM

Banerjee, SK

Title: Determination of Bond's work index for dead burnt magnesite sample
received from m/s Orissa Cement Ltd.

Source: D NML/IRM

Report No: IR937

Location: B/C/4/D/77/2

Keywords: Magnesite

Year: 1977

MFN: 1019ARCHIV.MST

Author: Mohan, V

Raman, PV

Khangaonkar, PR

Title: Beneficiation studies on a low grade barite sample from M/S ABCO barytes,
Sankarnagar, <Tamil Nadu>

Source: D NML/IRM

Report No: IR938

Location: B/C/4/D/77/2

Keywords: Beneficiation

Barytes

Year: 1977

MFN: 1020ARCHIV.MST

Author: Dash, RR

Rao, GN

Title: Moulding properties of Kagna and national river sands designated No1 and No. 2 respectively blended at various proportions

Source: D NML/IRM

Report No: IR940

Location: B/C/4/D/77/2

Keywords: Molding

Sand

Year: 1977

MFN: 1021ARCHIV.MST

Author: Sil, SK

Title: Reduction of silica content of a magnesite sample from salem Madras, <Tamil Nadu>

Source: D NML/IRM

Report No: IR942

Location: B/C/4/D/77/2

Keywords: Magnesite

Year: 1977

MFN: 1022ARCHIV.MST

Author: Vijayaraghavan, K

Raman, PV

Khangaonkar, PR

Title: Beneficiation studies on chromite samples from M/S Mysore minerals, <Bangalore>, <Karnataka>

Source: D NML/IRM

Report No: IR944

Location: B/C/4/D/77/2

Keywords: Beneficiation

Chromium ores

Year: 1977

MFN: 1023ARCHIV.MST

Author: Srivastava, AKP

Title: Beneficiation studies on a low grade graphite sample from <Almora> Dist
received from GSI <Uttar Pradesh>

Source: D NML/IRM

Report No: IR945

Location: B/C/4/D/77/2

Keywords: Graphite

Beneficiation

Year: 1977

MFN: 1024ARCHIV.MST

Author: Ganadharan, TK

Khangaonkar, PR

Title: Baking studies on clay graphite <pencil lead>s from M/S Madras pencil
factory, <Tamil Nadu>

Source: D NML/IRM

Report No: IR947

Location: B/C/4/D/77/2

Year: 1977

MFN: 1025ARCHIV.MST

Title: Condensed version of papers received for discussion during get together on
refractories glass and ceramic industries in <Bihar>

Source: D NML/IRM

Report No: Misc R/77/1

Location: B/C/4/D/77/3

Year: 1977

MFN: 1026ARCHIV.MST

Title: Committee on carbon and graphite <crucibles> and beneficiation of graphite - panel on carbon graphite industries - DGTD

Source: D NML/IRM

Report No: Misc R/77/2

Location: B/C/4/D/77/3

Year: 1977

MFN: 1027ARCHIV.MST

Author: Saha, AK

Srinivasan, SR

Title: Leachability of <Mosabani> and <Malanjkhanda> copper ores, by micro organism a comparative study <Bihar>

Source: D NML/IRM

Report No: RR367

Location: B/C/4/D/77/2

Keywords: Copper ores

Bacterial Leaching

Year: 1977

MFN: 1028ARCHIV.MST

Author: Saha, AK

Srinivasan, SR

Akerkar, DD

Title: Recovery of copper from dilute process streams comparative cost study of cementation and solvent extraction process

Source: D NML/IRM

Report No: RR368

Location: B/C/4/D/77/2

Keywords: Solvent extraction

Copper

Year: 1977

MFN: 1029ARCHIV.MST

Author: Rao, PDP

Chakraborty, N

Title: Reduction of ash content from the middlings (sink) of the dugda coal washery

Source: D NML/IRM

Report No: RR377

Location: B/C/4/D/77/2

Keywords: Coal

Year: 1977

MFN: 1030ARCHIV.MST

Author: De, TC

Chakraborty, N

Mathur, GP

Title: Thermal beneficiation studies on rock phosphate from <Rajasthan>

Source: D NML/IRM

Report No: RR378

Location: B/C/4/D/77/2

Keywords: Phosphates

Year: 1977

MFN: 1031ARCHIV.MST

Author: Ranganathan, MV

Chakraborty, N

Title: Survey report on Graphite

Source: D NML/IRM

Report No: SR206

Location: B/C/4/D/77/2

Keywords: Graphite

Year: 1977

MFN: 1032ARCHIV.MST

Author: Sil, SK

Ranganathan, MV

Chakravorty, N

Mathur, GP

Title: Reduction of ash content in a -0.5 mm slurry sample of coal from patherdih coal washery for M/s central coal washeries organisation Ltd. by forth flotation

Source: D NML/IRM

Report No: IR1001

Location: B/C/4/D/78/2

Keywords: Froth flotation

Coal

Year: 1978

MFN: 1033ARCHIV.MST

Author: De, TC

Chakravorty, N

Mathur, GP

Title: Beneficiation studies of low grade apatite from <Pathargora> area, Dist, <Singhbhum>, <Bihar>, received from Indian iron and steel Co. Limited

Source: D NML/IRM

Report No: Ir1002

Location: B/C/4/D/78/2

Keywords: Beneficiation

Phosphates

Year: 1978

MFN: 1034ARCHIV.MST

Author: Biswas, SK

Title: Laboratory scale beneficiation studies on a low grade Iron ore from <Syria>

Source: D NML/IRM

Report No: IR1003

Location: B/C/4/D/78/3

Keywords: Iron ores

Beneficiation

Year: 1978

MFN: 1035ARCHIV.MST

Author: Sengupta, BL

Title: Pilot plant investigation on the reduction of ash content of the coal fines from Gidi Washery, <Bihar>

Source: D NML/IRM

Report No: IR1006

Location: B/C/4/D/78/3

Keywords: Coal

Year: 1978

MFN: 1036ARCHIV.MST

Author: Kunwar, RK

Title: Sintering studis on manganese ore fines from M/S Ferro alloy corporation Ltd. <Andhra Pradesh>

Source: D NML/IRM

Report No: IR1007

Location: B/C/4/D/78/3

Keywords: Manganese ores

Sintering

Year: 1978

MFN: 1037ARCHIV.MST

Author: Mukundan, PR

Vijayaraghavan, K

Viswanathan, PV

Satyanarayana, C

Sankaran, C

Khangaonkar, PR

Title: Studies on the extraction of alumina from Nileswar Bauxite, <Kerala>

Source: D NML/IRM

Report No: IR952
Location: B/C/4/D/78/1
Keywords: Bauxite
Extraction
Year: 1978
MFN: 1038ARCHIV.MST

Title: Report on development an testing of creep resistant steels project
Source: D NML/IRM
Report No: IR954
Location: B/C/4/D/78/1
Keywords: Creep resistant
steels
Year: 1978
MFN: 1039ARCHIV.MST

Author: Banerjee, B
Prasad, SN
Peravadhanulu, A
Banerjee, SK

Title: Determination of physical characteristics and mineralogy on process
secondaries recived from M/s Indian Complex of H.C.L. <Ghatsila> <West
Bengal>
Source: D NML/IRM
Report No: IR955
Location: B/C/4/D/78/1
Keywords: Mineralogy
Year: 1978
MFN: 1040ARCHIV.MST

Author: Chakrabarti, DM
Sengupta, SK
Banerjee, SK

Mathur, GP

Title: Beneficiation studies on complex Cu-Pb-Zn sulphide ore sample from sargipalli Mines, <Orissa> of M/s Hindustan zinc Ltd

Source: D NML/IRM

Report No: IR966

Location: B/C/4/D/78/1

Keywords: Beneficiation
sulphide ores

Year: 1978

MFN: 1041ARCHIV.MST

Author: Chakrabarti, DM

Sengupta, SK

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on complex Cu-Pb-Zn sulphide ore sample from sargipalli Mines, <Orissa> of M/s Hindustan zinc Ltd

Source: D NML/IRM

Report No: IR966

Location: B/C/4/D/78/1

Keywords: Beneficiation

Sulphide ores

Year: 1978

MFN: 1042ARCHIV.MST

Author: Das, MC

Sil, SK

Srivastava, NP

Chakravorty, N

Title: Batch scale beneficiation studies of low grade manganese ore sample designated as small chips (Ruries) received from Aryan Mining and Trading Corporation Pvt. Ltd

Source: D NML/IRM

Report No: IR968

Location: B/C/4/D/78/1

Keywords: Beneficiation

Manganese ores

Year: 1978

MFN: 1043ARCHIV.MST

Author: Bhattacharya, KK

Rao, PDP

Chakravorty, N

Mathur, GP

Title: Reduction of ash content from the coal fines of Gidi Washery received from
M/s Coal india Ltd

Source: D NML/IRM

Report No: IR970

Location: B/C/4/D/78/1

Keywords: Coal

Year: 1978

MFN: 1044ARCHIV.MST

Author: Singh, R Santokh

Virdhi, PS

Mathur, GP

Altekar, VA

Title: Use of cast iron boring briquettes in cupola melting

Source: D NML/IRM

Report No: IR971

Location: B/C/4/D/78/1

Keywords: Cupolas

Briquets

Year: 1978

MFN: 1045ARCHIV.MST

Author: Sengupta, SK

Chakrabarti, DM

Banerjee, SK

Title: Grinding characteristics of a sample of vanadium bearing slag, received from Extractive Metallurgical Division, N.M.L.

Source: NML/IRM

Report No: IR973

Location: B/C/4/D/78/1

Keywords: Grinding

Year: 1978

MFN: 1046ARCHIV.MST

Author: De, TC

Bhattacharya, KK

Sengupta, SK

Chakravorty, N

Mathur, GP

Title: Beneficiation of low grade composite Kyanite sample from Maharashtra state Mining Corporation Limited

Source: D'NML/IRM

Report No: IR974

Location: B/C/4/D/78/1

Keywords: Kyanite

Beneficiation

Year: 1978

MFN: 1047ARCHIV.MST

Author: Singh, T

Kunwar, RK

Sinha, PK

Padan, JS

Sengupta, BL

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on beneficiation and sintering of a composite iron ore from
Bailadila deposits 4
5 for the Visakhapatnam steel project

Source: D NML/IRM

Report No: IR975

Location: B/C/4/D/78/1

Keywords: Beneficiation
sintering
iron ores

Year: 1978

MFN: 1048ARCHIV.MST

Author: Maulik, SC

Sil, SK

Sengupta, BL

Chakravorty, N

Mathur, GP

Title: Pilot plant studies on reduction of silica content of a magnesite sample from
Salem, <Tamil Nadu>

Source: D NML/IRM

Report No: IR976

Location: B/C/4/D/78/1

Keywords: Magnesite

Year: 1978

MFN: 1049ARCHIV.MST

Author: Das, MC

Sil, SK

Srivastava, NP

Chakravorty, N

Mathur, GP

Title: Bench scale beneficiation studies of low grade siliceous manganese ore received from M/s Aryan Mining and Trading Corporation Pvt Ltd, Jamshedpur

Source: D NML/IRM

Report No: IR977

Location: B/C/4/D/78/1

Keywords: Manganese ores

Beneficiation

Year: 1978

MFN: 1050ARCHIV.MST

Author: Sinha, PK

Chattoraj, US

Biswas, SK

Joti, SR

Sengupta, BL

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Pilot plant beneficiation studies of pyrite sample from <Amjhore>,<Bihar>

Source: D NML/IRM

Report No: IR978

Location: B/C/4/D/78/1

Keywords: Pyrite

Beneficiation

Year: 1978

MFN: 1051ARCHIV.MST

Author: Kunwar, RK

Singh, T

Srivastava, AK

Padan, JS

Sengupta, BL
Chakravorty, N
Banerjee, SK
Mathur, GP

Title: Pilot plant studies on sintering <barsua> iron fines and filter cake, for Rourkela steel plant

Source: D NML/IRM

Report No: IR979

Location: B/C/4/D/78/1

Keywords: Sintering

Fines

Year: 1978

MFN: 1052ARCHIV.MST

Author: Ranganathan, MV
Prasad, SN
Chakravorty, N
Banerjee, SK
Mathur, GP

Title: Bench scale beneficiation studies on a complex Pb-Zn (Oxidised) from <Chakula> <Bhutan>

Source: D NML/IRM

Report No: IR980

Location: B/C/4/D/78/1

Keywords: Beneficiation

Lead

Year: 1978

MFN: 1053ARCHIV.MST

Author: Sinha, PK
Chattoraj, US
Biswas, S
Sengupta, BL

Ghosh, SR

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on beneficiation of low grade iron ore from Bicholem
Mines of M/s Dempo Mining Corporation

Source: D NML/IRM

Report No: IR981

Location: B/C/4/D/78/1

Keywords: Iron ores

Beneficiation

Year: 1978

MFN: 1054ARCHIV.MST

Title: Failure of (Construction water) cast iron pipe-its causes and methods of
prevention

Source: D NML/IRM

Report No: IR983

Location: B/C/4/D/78/2

Keywords: Pipes(defects)

Year: 1978

MFN: 1055ARCHIV.MST

Author: Ghosh, SR

Sinha, PK

Sengupta, BL

Chakraborty, N

Banerjee, SK

Mathur, GP

Title: Beneficiation studies of magnesium dross sample for M/s. Industrial Alloys,
Calcutta

Source: D NML/IRM

Report No: IR984

Location: B/C/4/D/78/2

Keywords: Dross

Beneficiation

Year: 1978

MFN: 1056ARCHIV.MST

Author: Bhattacharya, KK

De, TC

Chakravorty, N

Mathur, GP

Title: Beneficiation of a low grade apatite sample from Pathargora mines of M/s
IISCO

Source: D NML/IRM

Report No: IR985

Location: B/C/4/D/78/2

Keywords: Beneficiation

Phosphates

Year: 1978

MFN: 1057ARCHIV.MST

Author: Peravadhanulu, A

Banerjee, B

Banerjee, SK

Title: Determination of crushing strength on limestone sample received from M/s
Mcnally Bharat engineering Co

Source: D NML/IRM

Report No: IR988

Location: B/C/4/D/78/2

Keywords: Limestone

Year: 1978

MFN: 1058ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Banerjee, SK

Title: Mineralogical study on six type sample of phosphate rock from <Purulia> Dist, <West Bengal> received from west Bengal Mineral Developmnt and Trading Corporation Ltd, Calcutta

Source: D NML/IRM

Report No: IR989

Location: B/C/4/D/78/2

Keywords: Phosphates

Mineralogy

Year: 1978

MFN: 1059ARCHIV.MST

Author: Banerjee, B

Peravadhanulu, A

Banerjee, SK

Title: Cehmical analysis and petrological studies of he six manganese ore sample of the Siljora-Kalimati area received from M/s Runga Mines

Source: D NML/IRM

Report No: IR990

Location: B/C/4/D/78/2

Year: 1978

MFN: 1060ARCHIV.MST

Author: Chakravorty, N

Sahoo, L

Mathur, GP

Title: Bench scale beneficiation studies of low grade graphite sample from <Banswara> District, <Rajasthan> for R.S.I.M.D.C. Ltd

Source: D NML/IRM

Report No: IR991

Location: B/C/4/D/78/2

Keywords: Beneficiation

Graphite

Year: 1978

MFN: 1061ARCHIV.MST

Author: Rafiuddin, S

Pathak, PN

Chakravorty, N

Mathur, GP

Title: Recovery of barite from calcs-silicate sample containing Cu-Pb-Zn complex sulphides from Dariba-Rajpura, <Rajasthan>, Hindustan zinc limited

Source: D NML/IRM

Report No: IR995

Location: B/C/4/D/78/2

Keywords: Barytes

Year: 1978

MFN: 1062ARCHIV.MST

Author: Vijayaraghavan, K

Mohan, V

Raman, PV

Khangaonkar, PR

Title: Beneficiation and pelletisation studies on a low grade limestone (Arenaceous) sample from messers Industrial chemicals Limited, Sankarnagar, <Tamil Nadu>

Source: D NML/IRM

Report No: IR996

Location: B/C/4/D/78/2

Keywords: Limestone

Beneficiation

Year: 1978

MFN: 1063ARCHIV.MST

Author: Sengupta, SK

Chakrabarti, DM

Banerjee, B

Title: Comparative studies on collecting of xanthate sample received from M/s. Aceto chemicals (P) Ltd, Calcutta.

Source: D NML/IRM

Report No: IR997

Location: B/C/4/D/78/2

Year: 1978

MFN: 1064ARCHIV.MST

Author: Prasad, S

Ranganathan, MV

Chakravorty, N

Mathur, GP

Title: Bench scale beneficiation studies on a low-grade graphite sample from Taliha Mines, Subansiri district of <Arunachal Pradesh>

Source: D NML/IRM

Report No: IR998

Location: B/C/4/D/78/2

Keywords: Beneficiation

Graphite

Year: 1978

MFN: 1065ARCHIV.MST

Author: Mohan, V

Vijayaraghavan, K

Vijayanarayanan, KS

Raman, PV

Khangaonkar, PR

Title: Purification of silica sand from Kerala and testing of its suitability for foundry purposes

Source: D NML/IRM

Report No: IR999

Location: B/C/4/D/78/2

Year: 1978

MFN: 1066ARCHIV.MST

Title: Sponsored Research and development investigations <NML>

Source: D NML/IRM

Report No: Misc R/78/1

Location: B/C/4/D/78/3

Keywords: N M L

Year: 1978

MFN: 1067ARCHIV.MST

Author: Kundra, MC

Title: Use of dense carbon aggregate as a base material for soderbrg
<electrodes>

Source: D NML/IRM

Report No: RR383

Location: B/C/4/D/78/3

Year: 1978

MFN: 1068ARCHIV.MST

Author: Gupta, RD

Altekar, VA

Title: Utilization of electric arc furnace in the production of low carbon <soft iron>

Source: D NML/IRM

Report No: RR384

Location: B/C/4/D/78/3

Keywords: Electric arc furnace

Year: 1978

MFN: 1069ARCHIV.MST

Author: Viswanathan, PV

Title: Production of Vanadium rich slag by electric smelting of vanadium bearing titaniferous ores of masanikere, Karnataka and oxygen blowing of the vanadim iron at Visweswarayya iron steel Bhadravathi, <Karnataka>

Source: D NML/IRM

Report No: RR385

Location: B/C/4/D/78/3

Keywords: Vanadium

Electric smelting

Year: 1978

MFN: 1070ARCHIV.MST

Author: Rao, MRK

Title: Graphite <crucibles> industry in India Raw materials: Present status and perspective

Source: D NML/IRM

Report No: SR208

Location: B/C/4/D/78/3

Keywords: Graphite

Year: 1978

MFN: 1071ARCHIV.MST

Author: Sengupta, SK

Chakrabarti, DM

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on Cu-Pu-Zn complex sulphide ore sample from <Deri>, <Rajasthan>

Source: D NML/IRM

Report No: IR1009

Location: B/C/5/A/79/1

Keywords: Beneficiation

sulphide ores

Year: 1979

MFN: 1072ARCHIV.MST

Author: Singh, T

Srivastava, AKP

Padan, JS

Sengupta, BL

Chakravorty, N

Banerjee, SK

Title: Beneficiation studies on Gua ROM iron ore from M/s Indian iron and steel Co.
Part I-Lump ore (Sample No.I)

Source: D NML/IRM

Report No: IR1010

Location: B/C/5/A/79/1

Keywords: Beneficiation

Iron ores

Year: 1979

MFN: 1073ARCHIV.MST

Author: Khan, ZH

Murthy, SR

Akerkar, DD

Title: A chloridizing roast leach process for the extraction of copper and nickel
from bulk copper-nickel sulphide concentrates of UCIL

Source: D NML/IRM

Report No: IR1011

Location: B/C/5/A/79/1

Keywords: Copper

Extraction

Year: 1979

MFN: 1074ARCHIV.MST

Author: Arora, RC

Gupta, RNP

Title: Moulding characteristics of Bhalwahi sand received from Directorate of Geology and Mining, <Lucknow> <Uttar Pradesh>

Source: D NML/IRM

Report No: IR1013

Location: B/C/5/A/79/1

Keywords: Sand

Year: 1979

MFN: 1075ARCHIV.MST

Author: Arora, RC

Gupta, RNP

Title: Moulding characteristics of Naribari sand received from Directorate of Geology and mining, <Lucknow> <Uttar Pradesh>

Source: D NML/IRM

Report No: IR1014

Location: B/C/5/A/79/1

Keywords: Sand

Year: 1979

MFN: 1076ARCHIV.MST

Author: Singh, HP

Gupta, RNP

Title: Moulding characteristics of sand sample No. J-4 received from the Directorate of Geology and Mining <Lucknow> <Uttar Pradesh>

Source: D NML/IRM

Report No: IR1015

Location: B/C/5/A/79/1

Keywords: Sand

Molding

Year: 1979

MFN: 1077ARCHIV.MST

Author: Dash, RR

Sinhababu, SK

Ghosh, S

Rao, GN

Title: Activation studies on bentonite sample received from M/s Rajkumar Co.
Gandhi Dham, <Kutch> <Gujrat>

Source: D NML/IRM

Report No: IR1019

Location: B/C/5/A/79/1

Keywords: Bentonite

Year: 1979

MFN: 1078ARCHIV.MST

Author: Saha, AK

Srinivasan, SR

Akerkar, DD

Title: Chemical Beneficiation of low grade bauxite from Goa

Source: D NML/IRM

Report No: IR1020

Location: B/C/5/A/79/1

Keywords: Bauxite

Beneficiation

Year: 1979

MFN: 1079ARCHIV.MST

Author: Sengupta, BL

Kunwar, RK

Das, MC

Chakravorty, N

Mathur, GP

Title: Beneficiation and agglomeration studies on Gandhamardan iron ore from
<Orissa> Mining Corporation

Source: D NML/IRM

Report No: IR1023 and IR1029

Location: B/C/5/A/79/1

Keywords: Beneficiation

Iron ores

Year: 1979

MFN: 1080ARCHIV.MST

Author: Pathak, PN

Rafiuddin, S

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Recovery of barite from calc-silicate graphite schist sample containing Cu-PB-Zn complex sulphides from Dariba Rajpura, <Rajasthan>, Hindustan zinc Limited

Source: D NML/IRM

Report No: IR1024

Location: B/C/5/A/79/1

Keywords: Barytes

Year: 1979

MFN: 1081ARCHIV.MST

Author: Prasad, SN

Ranganathan, MV

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on a low grade run of mine wolframite sample from Agargaon deposit, <Maharashtra>, for M/s. Maharashtra state Mining Corporation Limited

Source: D NML/IRM

Report No: IR1028

Location: B/C/5/A/79/1

Keywords: Beneficiation

Tungsten ores

Year: 1979

MFN: 1082ARCHIV.MST

Author: Ray, KC

Sen, PC

Rao, MRK

Title: Calcination, reactivity and physical properties of limestone samples supplied
by Sail (R
D), Ranchi

Source: D NML/IRM

Report No: Ir1029

Location: B/C/5/A/79/1

Keywords: Limestone

Year: 1979

MFN: 1083ARCHIV.MST

Author: Bodas, M

Mahanty, MS

Yaseen, M

Akerkar, DD

Title: Extraction and recovery of lead and zinc from mixed oxide and silicate ore
from Chakula <Bhutan>

Source: D NML/IRM

Report No: IR1030

Location: B/C/5/A/79/1

Keywords: Extraction

Lead

Zinc

Year: 1979

MFN: 1084ARCHIV.MST

Author: Prasad, SN

Ranganathan, MV

Chakravorty, N

Mathur, GP

Title: Bench scale beneficiation studies on a sample of manganese ore received from M/s. umion Carbide India Ltd, Calcutta

Source: D NML/IRM

Report No: IR1031

Location: B/C/5/A/79/1

Keywords: Beneficiation

manganese ores

Year: 1979

MFN: 1085ARCHIV.MST

Author: Bhattacharya, KK

Ranganathan, MV

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade sample from Chandidongri Mines <Madhya Pradesh> for M.P.M.M.C. Ltd

Source: D NML/IRM

Report No: IR1033

Location: B/C/5/A/79/1

Keywords: Beneficiation

Year: 1979

MFN: 1086ARCHIV.MST

Title: Capabilities and achievements of NML in the field of Extraction Metallurgy>

Source: D NML/IRM

Report No: Misc R/79/1

Location: B/C/5/A/79/2

Keywords: N M L

Extractive Metallurgy

Year: 1979

MFN: 1087ARCHIV.MST

Title: Preparatory assistance for the project on augmentation of extraction metallurgical facilities at NML 1979-1980

Source: D NML/IRM

Report No: Misc R/79/2

Location: B/C/5/A/79/2

Keywords: Extractive metallurgy

Year: 1979

MFN: 1088ARCHIV.MST

Title: Development of nickel - iron alloys similar to radiometal, rhometal and HCR alloys

Source: D NML/IRM

Report No: RR386

Location: B/C/5/A/79/2

Keywords: Nickel

Iron

Alloy Development

Year: 1979

MFN: 1089ARCHIV.MST

Author: Sengupta, SK

Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Evaluation of the performance of a sample of <Eucalyptus oil> received from Forest Research Institute Dehradun "Uttar Pradesh" as a frother during bulk sulphide flotation

Source: D NML/IRM

Report No: RR388

Location: B/C/5/A/79/2

Keywords: Frother

Flotation

Year: 1979

MFN: 1090ARCHIV.MST

Author: Peravadhanulu, A

Banerjee, SK

Mathur, GP

Title: Carbonate minerals - their industrial utilisation and beneficiation

Source: D NML/IRM

Report No: SR210

Location: B/C/5/A/79/2

Keywords: Carbonate minerals

Year: 1979

MFN: 1091ARCHIV.MST

Author: Banerjee, B; Pathak, PN; Chakrabarti, DM; Peravadhanulu, A; Banerjee, SK;
Mathur, GP

Title: Physical characteristics and petrological studies of copper ores from khetri
and Kolihan Mines of M/s <Khetri> copper complex (Hindustan Copper
Limited)

Source: D NML/IRM

Report No: IR1036

Location: B/C/5/A/80/1

Keywords: Copper ores; Petrology

Year: 1980

MFN: 1092ARCHIV.MST

Author: Singh, KK; Bose, AK; Rao, MRK

Title: Studies on fireclay sample from M/s Dr. C.S. Krishna ceramic and potteries,
<Rajahmundry>

Source: D NML/IRM

Report No: IR1041

Location: B/C/5/A/80/1

Keywords: Firebrick

Year: 1980

MFN: 1093ARCHIV.MST

Title: Beneficiation studies on low grade oolitic iron ores from <Syria>

Source: D NML/IRM

Report No: IR1042

Location: B/C/5/A/80/1

Keywords: Beneficiation; iron ores

Year: 1980

MFN: 1094ARCHIV.MST

Author: Mathur, NN; Rao, MRK

Title: Studies on the utilization of high alumina slag for Refractories

Source: D NML/IRM

Report No: IR1043

Location: B/C/5/A/80/1

Keywords: Refractories

Year: 1980

MFN: 1095ARCHIV.MST

Author: Srivastava, AKP; Rao, PDP; Banerjee, SK

Title: Beneficiation studies on a low grade graphite sample from Haryana

Source: D NML/IRM

Report No: IR1044

Location: B/C/5/A/80/1

Keywords: Beneficiation; Graphite

Year: 1980

MFN: 1096ARCHIV.MST

Author: Sengupta, SK

Ranganathan, MV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a chrome ore sample designated as mixed run of mine sample for M/s ferro alloy Corporation Limited, Sreeramnagar, <Andhra Pradesh>

Source: D NML/IRM

Report No: IR1045

Location: B/C/5/A/80/1

Keywords: Beneficiation

Chrome ores

Year: 1980

MFN: 1097ARCHIV.MST

Author: Singh, T

Srivastava, AKP

Padan, JS

Chakravorty, N

Sengupta, BL

Mathur, GP

Title: Beneficiation and sintering studies on Gua iron and steel Co.

Source: D NML/IRM

Report No: IR1051

Location: B/C/5/A/80/1

Keywords: Beneficiation

sintering

Year: 1980

MFN: 1098ARCHIV.MST

Author: Singh, T

Srivastava, AKP

Padan, JS

Chakravorty, N

Sengupta, BL

Mathur, GP

Title: Beneficiation and sintering studies on Gua iron ore from M/s. Indian iron and steel

Source: D NML/IRM

Report No: IR1051

Location: B/C/5/A/80/1

Keywords: Beneficiation
iron ores

Year: 1980

MFN: 1099ARCHIV.MST

Author: Bhattacharya, KK

De, TC

Chakravorty, N

Mathur, GP

Title: Recovery of magnetite from the heavy media contaminated with coal fine supplied by Kathara Washery, C.C.L.

Source: D NML/IRM

Report No: IR1053

Location: B/C/5/A/80/1

Keywords: Recovery
Magnetite

Year: 1980

MFN: 1100ARCHIV.MST

Author: Rao, PDP

Kunwar, RK

Title: Bench scale flotation studies with the coal middling of Nandan colliery for M/s CMPDI, Ranchi

Source: D NML/IRM

Report No: IR1054

Location: B/C/5/A/80/1

Keywords: Coal

Year: 1980

MFN: 1101ARCHIV.MST

Author: Rao, PDP

Kunwar, RK

Mathur, GP

Title: Reduction of ash content from the middling of Damua colliery-5
6 Inclines for M/s. CMPDI, <Ranchi>, Bihar

Source: D NML/IRM

Report No: IR1055

Location: B/C/5/A/80/1

Keywords: Coal

Year: 1980

MFN: 1102ARCHIV.MST

Author: Kunwar, RK

Rao, PDP

Ranganathan, MV

Mathur, GP

Title: Reduction of ash content from a coal middling sample-AB Inclines of Damua
colliery by forth flotation for M/s. CMPDI, <Ranchi> <Bihar>

Source: D NML/IRM

Report No: IR1056

Location: B/C/5/A/80/1

Keywords: Coal

Froth Flotation

Year: 1980

MFN: 1103ARCHIV.MST

Author: Kunwar, RK

Chakrabarti, DM

Banerjee, SK

Mathur, GP

Title: Removal of sand from coal samples from South Balanda and Jagannath mines, received from M/s, central Mine planning and design institute Ltd, <Ranchi> <Bihar>

Source: D NML/IRM

Report No: IR1058

Location: B/C/5/A/80/1

Keywords: Coal

Year: 1980

MFN: 1104ARCHIV.MST

Author: Pathak, PN

Banerjee, B

Peravadhanulu, A

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Study of some physical characteristics of limestone and dolomite samples received from Durgapur steel plant, <Durgapur>, <West Bengal> (SAIL)

Source: D NML/IRM

Report No: IR1059

Location: B/C/5/A/80/1

Keywords: Limestone

Dolomite

Year: 1980

MFN: 1105ARCHIV.MST

Author: Prasad, SN

Rafiuddin, S

Chakravorty, N

Mathur, GP

Title: Bench scale beneficiation studies on three manganese ore samples from M/s Tisco Ltd, <Tata Steel> <Bihar>

Source: D NML/IRM
Report No: IR1060
Location: B/C/5/A/80/1
Keywords: Beneficiation
manganese ores
Year: 1980
MFN: 1106ARCHIV.MST

Author: Sil, SK
Ranganathan, MV
Banerjee, SK
Mathur, GP

Title: Bench scale beneficiation studies on low grade chromite marked Ganga pit sample received from M/s Ferro Alloy Corporation Ltd, Sreeramnagar, <Andhra Pradesh>

Source: D NML/IRM
Report No: IR1061
Location: B/C/5/A/80/1
Keywords: Chromium Ores
Year: 1980
MFN: 1107ARCHIV.MST

Author: Biswas, SK
Banerjee, B
Sinha, PK
Joti, SR
Peravadhanulu, A
Banerjee, SK

Title: Physical, petrological, chemical and DTA studies on Kuteshwar limestone <Madhya Pradesh> received from Bokaro steel plant

Source: D NML/IRM
Report No: IR1062
Location: B/C/5/A/80/1

Keywords: Limestone

Year: 1980

MFN: 1108ARCHIV.MST

Title: Studies on raw material evaluation and sintering characteristics of Hasse and Jargara dolomites from <Syria>

Source: D NML/IRM

Report No: IR1064

Location: Display

Keywords: Dolomite

Year: 1980

MFN: 1109ARCHIV.MST

Author: Sil, SK

Maulik, SC

Chakraborty, N

Mathur, GP

Title: Bench scale beneficiation studies on a chromites sample of singhbhum <Bihar>

Source: D NML/IRM

Report No: IR1072

Location: B/C/5/A/80/2

Keywords: Beneficiation

Chromium ores

Year: 1980

MFN: 1110ARCHIV.MST

Author: Bhattacharya, KK

Ranganathan,

Banerjee, SK

Mathur, GP

Title: Bench scale beneficiation studies on an iron bearing rock phosphate sample from beldih mines, Purulia Dist, <West Bengal>

Source: D NML/IRM
Report No: IR1074
Location: B/C/5/A/80/2
Keywords: Beneficiation
Iron ores
Year: 1980
MFN: 1111ARCHIV.MST

Author: Banerjee, B
Peravadhanulu, A
Banerjee, SK
Title: Mineralogical and DTA studies on laterite, chromite and ultrabasic rock samples of <Syria>
Source: D NML/IRM
Report No: IR1075
Location: B/C/5/A/80/2
Keywords: Laterite
Chromium ores
Mineralogy
Year: 1980
MFN: 1112ARCHIV.MST

Author: Singh, Joga
Ganesh, R
NML Ahmedabad
Title: Beneficiation of Chalk sample
Source: D NML/IRM
Report No: IR1076
Location: B/C/5/A/80/2
Keywords: Beneficiation
Chalk
Year: 1980

MFN: 1113ARCHIV.MST

Title: Air and nitrogen atomized extra fine nonferrous metal powders

Source: D'NML/IRM

Report No: Misc R/80/4

Location: B/C/5/A/80/3

Keywords: Powders

Year: 1980

MFN: 1114ARCHIV.MST

Title: Capabilities and the achievements of NML in the field of Mineral
Beneficiation and Agglomeration since last three decades

Source: D NML/IRM

Report No: Misc R/80/1

Location: B/C/5/A/80/3

Keywords: N M L

Report

Minerals

Beneficiation

Year: 1980

MFN: 1115ARCHIV.MST

Author: Chattoraj, US

Title: Beneficiation of Iron ore from bolani for modernisation of durgapur steel
plant

Source: D NML/IRM

Report No: Misc R/80/2

Location: B/C/5/A/80/3

Keywords: Beneficiation

Iron ores

Year: 1980

MFN: 1116ARCHIV.MST

Author: NCST working group on minerals
Title: Overview of <mineral resources>: problems and prospects
Source: D NML/IRM
Report No: Misc R/80/3
Location: B/C/5/A/80/3
Year: 1980
MFN: 1117ARCHIV.MST

Author: Pathak, PN
Ranganathan, MV
Title: Determination of some physical characteristics and free silica content in a limestone sample of M/S Chettinad Cements Corp.
Source: D NML/IRM
Report No: IR1080
Location: B/C/5/B/81/1
Keywords: Limestone
Year: 1981
MFN: 1118ARCHIV.MST

Author: De, TC
Title: Beneficiation of a nickel chromium bearing magnetite sample from <Nagaland>
Source: D NML/IRM
Report No: IR1081
Location: B/C/5/B/81/1
Keywords: Beneficiation
Magnetite
Year: 1981
MFN: 1119ARCHIV.MST

Author: Pathak, PN
Title: Bench scale beneficiation studies on three low grade graphite samples from Khepchishi hills <Bhutan>

Source: D NML/IRM
Report No: IR1082
Location: Display
Keywords: Graphite ores
Beneficiation
Year: 1981
MFN: 1120ARCHIV.MST

Author: Sil, SK
Ranganathan, MV
Banerjee, SK
Title: Exploratory studies on the evaluation of some indigenous reagents designated chemiflocs and received from GCI Chemicals <Nagpur> for use as flocculants <Maharashtra>

Source: D NML/IRM
Report No: IR1083
Location: B/C/5/B/81/1
Keywords: Reagents
Year: 1981
MFN: 1121ARCHIV.MST

Author: Ray, KC
Sen, PC
Rao, MRK
Title: Studies on calcination characteristics of Kuteshwar limestone (MP) received from Bokaro steel Plant
Source: D NML/IRM
Report No: IR1084
Location: B/C/5/B/81/1
Keywords: Calcination
Limestone
Year: 1981
MFN: 1122ARCHIV.MST

Author: Prasad, SN

Bhattacharya, KK

Title: Bench scale beneficiation studies on two low grade Fluorite samples From Rakha and Santoshi Mines of Karara deposit in <Rajasthan>

Source: D NML/IRM

Report No: IR1086

Location: B/C/5/B/81/1

Keywords: Beneficiation

Fluorite

Year: 1981

MFN: 1123ARCHIV.MST

Author: De, TC

Title: Beneficiation of a low grade Sillimanite sample from <Maharashtra> state mining corp. Ltd

Source: D NML/IRM

Report No: IR1087

Location: B/C/5/B/81/1

Keywords: Beneficiation

Sillimanite

Year: 1981

MFN: 1124ARCHIV.MST

Author: Vijayaraghavan, K

Title: Sampling, chemical and sieve analysis of iron ore.coal and limestone sample from M/S Ganesh scientific research foundation, <New Delhi>

Source: D NML/IRM

Report No: IR1089

Location: B/C/5/B/81/1

Keywords: Sampling

Coal

Limestone

Year: 1981

MFN: 1125ARCHIV.MST

Author: Vijayaraghavan, K

Title: Pelletisation studies on Kudremukh Iron Ore Concentrate

Source: D NML/IRM

Report No: IR1092

Location: B/C/5/B/81/1

Keywords: Iron ores

Pelleting

Year: 1981

MFN: 1126ARCHIV.MST

Title: Evaluation of iron ore sample of Jhilling-Longalata mines of Barajamda sector of <Orissa> received from Minerals and metals trading corp. of India Ltd, New Delhi for gas based direct reduction processes <Midrex>

Source: D NML/IRM

Report No: IR1094

Location: B/C/5/B/81/1

Keywords: Iron ores

Year: 1981

MFN: 1127ARCHIV.MST

Title: Evaluation of iron ore sample of Jhilling-Longalata mines of Barajamda sector of <Orissa> received from Minerals and metals trading corp. of India Ltd, New Delhi for gas based direct reduction processes <HyL>

Source: D NML/IRM

Report No: IR1095

Location: B/C/5/B/81/1

Keywords: Iron ores

Year: 1981

MFN: 1128ARCHIV.MST

Title: Evaluation of iron ore sample of gadigi mines of the bellary Hospet sector of
<Karnataka > state received from Minerals
metals trading corporation of India limited, New Delhi for gas based Direct
Reduction Processes (Midrex Process)

Source: D NML/IRM

Report No: IR1096

Location: B/C/5/B/81/2

Keywords: Iron ores

Year: 1981

MFN: 1129ARCHIV.MST

Title: Evaluation of iron ore sample of Gadigi mines of the bellary Hospet sector of
<Karnataka> state , Received from Minerals
Metals trading corporation of India Ltd. New Delhi for gas based direct
reduction processes (HyL)

Source: D NML/IRM

Report No: IR1097

Location: B/C/5/B/81/2

Keywords: Iron ores

Year: 1981

MFN: 1130ARCHIV.MST

Author: Satyanarayana, C
Khangaoonkar, PR

Title: Beneficiation studies on a tourmaline kyanite sample from M/S
<Maharashtra> minerals corporation limited, Bombay

Source: D NML/IRM

Report No: IR1098

Location: B/C/5/B/81/2

Keywords: Beneficiation

Kyanite

Year: 1981

MFN: 1131ARCHIV.MST

Author: Raghavan, KV

Mohan, V

Khangaonkar, PR

Title: Bench scale beneficiation studies on a low graphite sample from sivaganga,
Ramnad district <Tamil Nadu>

Source: D NML/IRM

Report No: IR1105

Location: B/C/5/B/82/1

Keywords: Graphite

Beneficiation

Year: 1982

MFN: 1132ARCHIV.MST

Author: Kunwar, RK

Padan, JS

Title: Beneficiation and sintering studies of Gua iron ores mixed with dumped fines
from M/S <IISCO>

Source: D NML/IRM

Report No: IR1106

Location: B/C/5/B/82/1

Keywords: Iron ores

Beneficiation

Year: 1982

MFN: 1133ARCHIV.MST

Author: Sivaiah, S

Title: Determination of physical characteristics and free silica content in a
limestone sample of M/S Chettinad Cement received from M/S McNally
Bharat Engg Co, Kumardhubi, <Bihar>

Source: D NML/IRM

Report No: IR1110

Location: B/C/5/B/82/1

Keywords: Limestone

Year: 1982

MFN: 1134ARCHIV.MST

Author: Raghavan, KV

Mohan V

Khangaonkar, PR

Title: Bench scale beneficiation studies on coal sample from Ennore thermal power station, Madras, <Tamil Nadu>

Source: D NML/IRM

Report No: IR1113

Location: B/C/5/B/82/1

Keywords: Beneficiation

Coal

Year: 1982

MFN: 1135ARCHIV.MST

Author: Pathak, PN

Sivaiah, S

Rafiuddin, S

Chakraborty, N

Title: Beneficiation studies on two large tonnage ferruginous manganese ore lump and fine samples from Joda West Manganese Mines of M/S TISCO <Tata Steel>, <Bihar>

Source: D NML/IRM

Report No: IR1114

Location: B/C/5/B/82/1

Keywords: Beneficiation

Manganese ores

Year: 1982

MFN: 1136ARCHIV.MST

Author: Pathak, PN

Ranganathan, MV

Chakraborty, N

Title: Further bench scale beneficiation studies on two low grade graphite sample T-8/L and T-8/U from Khepchishi, Hills , <Bhutan>

Source: D NML/IRM

Report No: IR1123

Location: B/C/5/B/82/1

Keywords: Beneficiation

Graphite

Year: 1982

MFN: 1137ARCHIV.MST

Author: Prasad, SN

Title: Exploratory bench scale beneficiation studies for producing bulk quantities of tour maline free kyanite concentrate from kyanite samples from Pardi Mines, Bhandara district

Source: D NML/IRM

Report No: IR1124

Location: B/C/5/B/82/1

Keywords: Beneficiation

Kyanite

Year: 1982

MFN: 1138ARCHIV.MST

Author: De, TC

Title: Beneficiation of low grade sillimanite samples from <Maharashtra> state mining corpn. Part 1- Bodki and garpendri mines

Source: D NML/IRM

Report No: IR1125

Location: B/C/5/B/82/1

Keywords: Beneficiation

Sillimanite

Year: 1982

MFN: 1139ARCHIV.MST

Author: Maulik, SC

Sil, SK

Chakravorty, N

Title: Beneficiation studies on Rock salt sample of M/s Hindustan salts Ltd, Mandi
<Himachal Pradesh>

Source: D NML/IRM

Report No: IR1126

Location: B/C/5/B/82/1

Keywords: Beneficiation

Year: 1982

MFN: 1140ARCHIV.MST

Author: Biswas, S

Sinha, PK

Ghosh, SR

Chakrabarti, DM

Banerjee, SK

Title: Beneficiation of limestone sample from <Chopan>,<Uttar Pradesh>

Source: D NML/IRM

Report No: IR1128

Location: B/C/5/B/82/1

Keywords: Limestone

Beneficiation

Year: 1982

MFN: 1141ARCHIV.MST

Author: Sivaiah, S

Bhattacharya, KK

Sengupta, SK

Chakrabarti, DM

Chakravorty, N

Title: Studies on reduction of iron content of silica sand samples received from the
<Uttar Pradesh> state mineral development corporation Ltd, <Lucknow>

Source: D NML/IRM

Report No: IR1130

Location: B/C/5/B/82/1

Keywords: Sand

Year: 1982

MFN: 1142ARCHIV.MST

Author: Prasad, SN

Sengupta, SK

Ranganathan, MV

Chakrabarti, DM

Chakravorty, N

Banerjee, SK

Title: Beneficiation of two low grade kyanite sample marked UDK-I and UDK-2
received from the Director of mines and geology Udaipur, <Rajasthan>

Source: D NML/IRM

Report No: IR1131

Location: B/C/5/B/82/1

Keywords: Beneficiation

Kyanite

Year: 1982

MFN: 1143ARCHIV.MST

Author: De, TC

Sil, SK

Rao, KV

Chakravorty, N

Banerjee, SK

Title: Beneficiation of low grade sillimanite samples from Maharashtra state mining
corporation part-II corundum and sillimanite rejects

Source: D NML/IRM

Report No: IR1132
Location: B/C/5/B/82/1
Keywords: Beneficiation
Year: 1982
MFN: 1144ARCHIV.MST

Author: Chatterjee, B
Kundra, MC
Rao, MRK
Title: Studies on petroleum cokes from Bombay high crude
Source: D NML/IRM
Report No: IR1133
Location: B/C/5/B/82/1
Keywords: Petroleum
Year: 1982
MFN: 1145ARCHIV.MST

Author: De, TC
Maulik, SC
Sengupta, SK
Chakravorty, N
Banerjee, SK
Title: Beneficiation studies of a low grade rock phosphate from <Mussoorie>, <Uttar Pradesh>
Source: D NML/IRM
Report No: IR1134
Location: B/C/5/B/82/1
Keywords: Beneficiation
Phosphates
Year: 1982
MFN: 1146ARCHIV.MST

Author: Prasad, SN

Ranganathan, MV

Chakravorty, N

Title: Reduction of ash content in a sample of coal dust received from M/s Tata engineering and locomotive company Limited, <Jamshedpur> <Telco>

Source: D NML/IRM

Report No: IR1135

Location: B/C/5/B/82/1

Keywords: Reduction

coal

Year: 1982

MFN: 1147ARCHIV.MST

Author: Pathak, PN

Rafiuddin, S

Chakravorty, N

Banerjee, SK

Title: Beneficiation studies on lead-zinc containing barite from <Bhutan>

Source: D NML/IRM

Report No: IR1136

Location: B/C/5/B/82/1

Keywords: Beneficiation

Barytes

Year: 1982

MFN: 1148ARCHIV.MST

Author: Viswanathan, PV

Sankaran, C

Khangaonkar, PR

Title: Pressure leaching of chitradurga copper concentrates with sulphuric acid

Source: D NML/IRM

Report No: IR1141

Location: B/C/5/B/82/1
Keywords: Pressure Leaching
Copper ores
Year: 1982
MFN: 1149ARCHIV.MST

Title: Graphite beneficiation plant
Source: D NML/IRM
Report No: Misc R/82/1
Location: B/C/5/B/82/2
Keywords: Plants
Graphite
Year: 1982
MFN: 1150ARCHIV.MST

Author: Mitra, BK
Sen, PC
Rao, MRK
Title: Evaluation of physical and refractory properties of fireclay
Source: D NML/IRM
Report No: IR1138
Location: B/C/5/C/83/1
Keywords: Fireclay
Year: 1983
MFN: 1151ARCHIV.MST

Author: Sivaiah, S
Title: Determination of work index and crushing strength of an ore sample from
M/s Uranium corporation of India Ltd.<Jaduguda>
Source: D NML/IRM
Report No: IR1139
Location: B/C/5/C/83/1

Keywords: Uranium ores

Year: 1983

MFN: 1152ARCHIV.MST

Author: Chattoraj, US

Title: Report on the beneficiation of Gua Iron ore and its slime together with Kiriburu slime <Bihar>

Source: D NML/IRM

Report No: IR1140

Location: B/C/5/C/83/1

Keywords: Beneficiation

Iron ores

Year: 1983

MFN: 1153ARCHIV.MST

Author: Sengupta, SK

Title: Determination of specific Physical characteristics of limestone and dolomite samples received from M/S Vishakhapatnam Steel project

Source: D NML/IRM

Report No: IR1146

Location: B/C/5/C/83/1

Keywords: Dolomite

Limestone

Year: 1983

MFN: 1154ARCHIV.MST

Author: Sil, SK

Ranganathan, MV

Chakraborty, N

Title: Determination of work index of blue dust sample received from M/S ASC engineers and allied industries, Calcutta, <West Bengal>

Source: D NML/IRM

Report No: IR1147

Location: B/C/5/C/83/1

Keywords: Fines

Year: 1983

MFN: 1155ARCHIV.MST

Author: Sil, SK

Title: Specified physical tests and determination of free silica content in a raw magnesite sample for M/S McNally Bharat Engg Co Ltd. Kumardhubi

Source: D NML/IRM

Report No: IR1149

Location: B/C/5/C/83/1

Keywords: Magnesite

Year: 1983

MFN: 1156ARCHIV.MST

Author: Sengupta, SK

Title: Washability studies with coal sample from Jagannath colliery for production of concentrates for ash silica studies for CMPDI

Source: D NML/IRM

Report No: IR1151

Location: B/C/5/C/83/1

Keywords: Coal

Year: 1983

MFN: 1157ARCHIV.MST

Author: BHEL

Kumar, Rajendra

Title: Development and testing of creep resistant steels Bolting steels

Source: D NML/IRM

Report No: IR1152

Location: B/C/5/C/83/1

Keywords: Steels

Creep

Year: 1983

MFN: 1158ARCHIV.MST

Author: Rajakumar, A

Mohan, V

Khangaonkar, PR

NML Madras centre

Title: Washing of clay sample from <BHEL> Bangalore, <Karnataka>

Source: D NML/IRM

Report No: IR1157

Location: B/C/5/C/83/1

Keywords: Clay

Year: 1983

MFN: 1159ARCHIV.MST

Author: Vijayaraghavan, K

Khangaonkar, PR

Title: Determination of Bond's work index of two gold tailing dump sample from Bharat gold mines Limited, <Kolar Gold Field>, <Karnataka>

Source: D NML/IRM

Report No: IR1158

Location: B/C/5/C/83/2

Keywords: Gold

Tailings

Year: 1983

MFN: 1160ARCHIV.MST

Author: Srivastava, JP

Rafiuddin, S

Chakravorty, N

Title: Exploratory studies on beneficiation of ferruginous manganese ore using sold reductants (Part-I)

Source: D NML/IRM

Report No: IR1159

Location: B/C/5/C/83/2

Keywords: Beneficiation
manganese ores

Year: 1983

MFN: 1161ARCHIV.MST

Author: De, TC

Sivaiah, S

Sengupta, SK

Chakravorty, N

Title: Bench scale beneficiation studies on kyanite samples received from
M/s.<Maharashtra> state mining corporation Ltd. <Nagpur> Part-I Miregaon
and Dadhala Mines.

Source: D NML/IRM

Report No: IR1160

Location: B/C/5/C/83/2

Keywords: Beneficiation
Kyanite

Year: 1983

MFN: 1162ARCHIV.MST

Author: Sivaiah, S

Title: Bench scale flotation studies on a sample of coal middlings from Kedla Mines,
Seam no V for M/S CMPDI Ranchi, <Bihar>

Source: D NML/IRM

Report No: IR1162

Location: B/C/5/C/83/1

Keywords: Coal

Year: 1983

MFN: 1163ARCHIV.MST

Author: Sivaiah, S

Rao, PDP

Chakrabarti, DM

Chakravorty, N

Title: Bench scale flotation studies on a sample of coal middling from Kedla mines, seam No. V M/s. C.M.P.D.I. <Ranchi> <Bihar>

Source: D NML/IRM

Report No: IR1162

Location: B/C/5/C/83/1

Keywords: Flotation

Coal

Year: 1983

MFN: 1164ARCHIV.MST

Title: Application for grant for project under the environment research programme of the department of environment on impact of aluminium industry on the Natural Vegetation

Source: D NML/IRM

Report No: Misc R/83/1

Location: B/C/5/C/83/2

Year: 1983

MFN: 1165ARCHIV.MST

Title: Metallurgical investigation on the failure of hard drawn grooved copper contact wire

Source: D NML/IRM

Report No: IR1165

Location: B/C/5/C/84/1

Keywords: Failure

Year: 1984

MFN: 1166ARCHIV.MST

Title: Metallurgical investigation on cracking during extrusion of lead alloy shathing for telecommunication cables and recommendations to avoid the problem

Source: D NML/IRM
Report No: IR1182
Location: B/C/5/C/84/1
Keywords: Cables
Year: 1984
MFN: 1167ARCHIV.MST

Author: Sil, SK
Ranganathan, MV
Chakraborty, N
Title: Bench scale beneficiation studies on low grade kyanite sample from "Pangia Mines", <Orissa>
Source: D NML/IRM
Report No: IR1184
Location: B/C/5/C/84/1
Keywords: Beneficiation
Kyanite
Year: 1984
MFN: 1168ARCHIV.MST

Title: Failure of reboiler tube in kerosene treating unit
Source: D NML/IRM
Report No: Misc R/84/25
Location: B/C/5/C/84/2
Keywords: Reboiler tubes
Year: 1984
MFN: 1169ARCHIV.MST

Title: Clay bonded improved graphite crucible: A project file
Source: D NML/IRM
Report No: Misc R/84/1
Location: BC/5/C/84/2

Keywords: crucibles

Year: 1984

MFN: 1170ARCHIV.MST

Title: Copper clad <aluminum sheet>: A project file

Source: D NML/IRM

Report No: Misc R/84/10

Location: B/C/5/C/84/2

Year: 1984

MFN: 1171ARCHIV.MST

Title: Synthetic cryolite: A project file: A project file

Source: D NML/IRM

Report No: Misc R/84/11

Location: B/C/5/C/84/2

Keywords: Cryolite

Year: 1984

MFN: 1172ARCHIV.MST

Title: "Superal" Aluminium anode for cathodic protection: A project file

Source: D NML/IRM

Report No: Misc R/84/12

Location: B/C/5/C/84/2

Keywords: Cathodic protection
anodes

Year: 1984

MFN: 1173ARCHIV.MST

Title: Vinyl coated steel and aluminium: A project file

Source: D NML/IRM

Report No: Misc R/84/13

Location: B/C/5/C/84/2

Keywords: Polymers
coatings

Year: 1984

MFN: 1174ARCHIV.MST

Title: Carbon bonded graphite silicon carbide crucible: A project file

Source: D NML/IRM

Report No: Misc R/84/14

Location: B/C/5/C/84/2

Keywords: Crucibles

Year: 1984

MFN: 1175ARCHIV.MST

Title: NML - Phyroloy 1000: A project file

Source: D NML/IRM

Report No: Misc R/84/15

Location: B/C/5/C/84/2

Keywords: Alloy cast iron

Year: 1984

MFN: 1176ARCHIV.MST

Title: <Alnico> magnets: A project file

Source: D NML/IRM

Report No: Misc R/84/16

Location: B/C/5/C/84/2

Keywords: Magnets

Year: 1984

MFN: 1177ARCHIV.MST

Title: Ceramic - magnets: A project file

Source: D NML/IRM

Report No: Misc R/84/17

Location: B/C/5/C/84/2

Year: 1984

MFN: 1178ARCHIV.MST

Title: NML Reactive filter medium for aluminium and its alloys

Source: D NML/IRM

Report No: Misc R/84/18

Location: B/C/5/C/84/2

Year: 1984

MFN: 1179ARCHIV.MST

Title: Pellet inoculants for aluminium and its alloys (NML - PM 120): A project file

Source: D NML/IRM

Report No: Misc R/84/19

Location: B/C/5/C/84/2

Year: 1984

MFN: 1180ARCHIV.MST

Title: Dental amalgam alloy: A project file

Source: D NML/IRM

Report No: Misc R/84/2

Location: B/C/5/C/84/2

Keywords: Dental alloys

Year: 1984

MFN: 1181ARCHIV.MST

Title: <Electrolytic manganese dioxide>: A project file

Source: D NML/IRM

Report No: Misc R/84/2

Location: BC/5/C/84/2

Year: 1984

MFN: 1182ARCHIV.MST

Title: NML PM 122 inoculant for aluminium and its alloys: A project file
Source: D NML/IRM
Report No: Misc R/84/20
Location: B/C/5/C/84/2
Year: 1984
MFN: 1183ARCHIV.MST

Title: Wear and abrasion resistant cast iron :4"NML-Wearnott": A project profile
Source: D NML/IRM
Report No: Misc R/84/21
Location: B/C/5/C/84/2
Year: 1984
MFN: 1184ARCHIV.MST

Author: M/s. Indian Explosives Ltd., Gomia
Title: Metallurgical testing of G-1 wires 'soft' and 'hard'
Source: D NML/IRM
Report No: Misc R/84/22
Location: B/C/5/C/84/2
Keywords: Testing
Year: 1984
MFN: 1185ARCHIV.MST

Title: Failure of the bucket of the turbine disc of diesel loco
Source: D NML/IRM
Report No: Misc R/84/23
Location: B/C/5/C/84/2
Year: 1984
MFN: 1186ARCHIV.MST

Title: Investigation report on metallurgical evaluation of coal beaters

Source: D NML/IRM
Report No: Misc R/84/24
Location: B/C/5/C/84/2
Year: 1984
MFN: 1187ARCHIV.MST

Title: Investigation on the failure of ammonia synthesis heater coil
Source: D NML/IRM
Report No: Misc R/84/26
Location: B/C/5/C/84/2
Year: 1984
MFN: 1188ARCHIV.MST

Title: Metallographic examination of stainless steel wire ropes for automatic
tensioning of 25 KV overhead catenary line of Indian railways
Source: D NML/IRM
Report No: Misc R/84/27
Location: B/C/5/C/84/2
Year: 1984
MFN: 1189ARCHIV.MST

Title: Production of distilled zinc dust: A project file
Source: D NML/IRM
Report No: Misc R/84/28
Location: B/C/5/C/84/2
Year: 1984
MFN: 1190ARCHIV.MST

Title: "NML-flovel" stopper heads: A project file
Source: D NML/IRM
Report No: Misc R/84/4
Location: B/C/5/C/84/2

Year: 1984

MFN: 1191ARCHIV.MST

Title: Zinc oxide from zinc waste such as zinc ash/zinc hydroxide: A project file

Source: D NML/IRM

Report No: Misc R/84/5

Location: B/C/5/C/84/2

Keywords: Zinc

wastes

Ashes

Year: 1984

MFN: 1192ARCHIV.MST

Title: Magnesium-including briquettes: A project file

Source: D NML/IRM

Report No: Misc R/84/6

Location: B/C/5/C/84/2

Keywords: Magnesium

Year: 1984

MFN: 1193ARCHIV.MST

Title: High permeability nickel-iron alloys: A project file

Source: D NML/IRM

Report No: Misc R/84/7

Location: B/C/5/C/84/2

Keywords: Nickel iron

Year: 1984

MFN: 1194ARCHIV.MST

Title: Electrical resistance alloys for heating element

Source: D NML/IRM

Report No: Misc R/84/8

Location: B/C/5/C/84/2
Keywords: Electrical resistance
Year: 1984
MFN: 1195ARCHIV.MST

Title: Development of cast high speed steel cutting tools
Source: D NML/IRM
Report No: Misc R/84/9
Location: B/C/5/C/84/2
Keywords: High speed steel tools
Year: 1984
MFN: 1196ARCHIV.MST

Author: Kumar, Arun
Title: Project appraisal and follow up practices adopted by the financial institutions
Source: D NML/IRM
Report No: SR227
Location: B/C/5/C/84/1
Year: 1984
MFN: 1197ARCHIV.MST

Author: Ranganathan, MV
Title: Bench and pilot plant beneficiation studies on a tourmaline - rich kyanite sample from pardi mines of <Maharashtra> minerals corporation and development of a technical flowsheet for treatment and setting up a commercial plant by M/S MMC Ltd.
Source: D NML/IRM
Report No: IR1188
Location: B/C/5/D/85/1
Keywords: Beneficiation
Kyanite
Year: 1985
MFN: 1198ARCHIV.MST

Author: Sivaiah, S
Title: Determination of work index of a coke breeze sample from M/S Tata chemicals Ltd. Mitahpur <Gujrat>
Source: D NML/IRM
Report No: IR1192
Location: B/C/5/D/85/1
Keywords: Coke
Year: 1985
MFN: 1199ARCHIV.MST

Author: Rao, KV
Rao, PDP
Chakraborty, N
Title: Beneficiation of limestone from bentibagda area <Bihar> state mineral development corporation
Source: D NML/IRM
Report No: IR1194
Location: B/C/5/D/85/1
Keywords: Beneficiation
Limestone
Year: 1985
MFN: 1200ARCHIV.MST

Author: De, TC
Sivaiah, S
Chakraborty, N
Title: Beneficiation studies on low grade phosphate from beldih mines, Purulia of M/S WBMDTC <West Bengal>
Source: D NML/IRM
Report No: IR1196
Location: B/C/5/D/85/1
Keywords: Beneficiation

Phosphates

Year: 1985

MFN: 1201ARCHIV.MST

Author: Sivaiah, S

Title: Bench scale beneficiation studies on a sample of limestone from
Bhawanathpur, Mines

Source: D NML/IRM

Report No: IR1197

Location: B/C/5/D/85/1

Keywords: Beneficiation

Limestone

Year: 1985

MFN: 1202ARCHIV.MST

Author: Sil, SK

Ranganathan, MV

Chakraborty, N

Title: Froth flotation studies on Baragolai coal sample (60' Seam) from Nec,
<Assam>

Source: D NML/IRM

Report No: IR1201

Location: B/C/5/D/85/2

Keywords: Flotation

Coal

Year: 1985

MFN: 1203ARCHIV.MST

Author: Rao, S Mohan

Banerjee, B

Peravadhanulu, A

Chakraborty, N

Title: Mineralogical and locking study of tailing sample from Sargipalli Mine
Project received from M/s. Hindusthan Zinc Ltd.

Source: D NML/IRM

Report No: IR1202

Location: B/C/5/D/85/2

Keywords: Tailings

Year: 1985

MFN: 1204ARCHIV.MST

Author: Mineral Development Board

Title: Beneficiation studies on the salem magnesite samples

Source: D NML/IRM

Report No: IR1203

Location: B/C/5/D/85/2

Keywords: Magnesite

Beneficiation

Year: 1985

MFN: 1205ARCHIV.MST

Author: Pathak, PN

Srivastava, JP

Chakraborty, N

Title: Beneficiation studies of siliceous manganese ore received from M/s.
Minerals, <Nagpur>, <Maharashtra>

Source: D NML/IRM

Report No: IR1207

Location: B/C/5/D/85/2

Keywords: Manganese Ores

Year: 1985

MFN: 1206ARCHIV.MST

Author: Maulik, SC

Ghosh, SR

Visweswara Rao, K

Maulik, AK

Chattoraj, US

Chakraborty, DM

Chakraborty, N

Title: Agglomeration studies on iron ore samples from Bailadila Deposits of M/s.
National Mineral Development Corporation, <Hyderabad> <NMDC>

Source: D NML/IRM

Report No: IR1209

Location: B/C/5/D/85/2

Keywords: Iron Ores

Agglomeration

Year: 1985

MFN: 1207ARCHIV.MST

Author: Raman, PV

Khangaonkar

Title: Studies on briquetting of lime produced from a sample of calcite from
Messers Industrial Chemical and Monomers Ltd.

Source: D NML/IRM

Report No: IR1211

Location: B/C/5/D/85/2

Keywords: Briquetting

Calcite

Year: 1985

MFN: 1208ARCHIV.MST

Author: Sil, SK

Ranganathan, MV

Chakraborty, N

Title: Froth flotation studies on coal sample (20' Swam) from Baragolai Mines,
<Assam> for M/s, Cempdil, Ranchi

Source: D NML/IRM

Report No: IR1212
Location: B/C/5/D/85/2
Keywords: Flotation
Year: 1985
MFN: 1209ARCHIV.MST

Title: <Braze alloy clad> aluminium sheet: A Project file
Source: D NML/IRM
Report No: Misc R/85/1
Location: B/C/5/D/85/3
Year: 1985
MFN: 1210ARCHIV.MST

Title: <Electrolytic manganese> metal: A Project file
Source: D NML/IRM
Report No: Misc R/85/3
Location: B/C/5/D/85/3
Year: 1985
MFN: 1211ARCHIV.MST

Title: Products/processes/<expertise> developed at N.M.L.
Source: D NML/IRM
Report No: Misc R/85/4
Location: B/C/5/D/85/3
Year: 1985
MFN: 1212ARCHIV.MST

Title: <Phosphor bronze> contact <springs>: A project file
Source: D NML/IRM
Report No: Misc R/85/5
Location: B/C/5/D/85/3
Year: 1985

MFN: 1213ARCHIV.MST

Title: NML PM6 welding filler wire/rods for welding aluminium alloys and casting:
A project file

Source: D NML/IRM

Report No: Misc R/85/6

Location: B/C/5/D/85/3

Keywords: Wire rod

Year: 1985

MFN: 1214ARCHIV.MST

Title: Vanadium pentoxide from sludge of alumina industry: A project file

Source: D NML/IRM

Report No: Misc R/85/7

Location: B/C/5/D/85/3

Keywords: Vanadium
sludge

Year: 1985

MFN: 1215ARCHIV.MST

Title: NML Alnama process of lead extraction: A project file

Source: D NML/IRM

Report No: Misc R/85/8

Location: B/C/5/D/85/3

Keywords: Lead
Extraction

Year: 1985

MFN: 1216ARCHIV.MST

Title: Hot - Dip aluminizing: coating of ferrous materials: A project file

Source: D NML/IRM

Report No: Misc R/85/9

Location: B/C/5/D/85/3
Keywords: Hot dip aluminizing
Year: 1985
MFN: 1217ARCHIV.MST

Title: Air
Nitrogen atomized extra-fine non-ferrous metal powders: A Project file
Source: D NML/IRM
Report No: Misc R/85/2
Location: B/C/5/D/85/3
Keywords: Metal Powders
Year: 1985
MFN: 1218ARCHIV.MST

Author: Singh, R Santokh
Title: Development of minicupola for rural sector
Source: D NML/IRM
Report No: RR439
Location: B/C/5/D/85/1
Keywords: Cupolas
Year: 1985
MFN: 1219ARCHIV.MST

Title: Solidification behaviour of aluminium alloy composites
Source: D NML/IRM
Report No: Interim Report
Location: B/C/5/D/86/2
Keywords: Composites
Year: 1986
MFN: 1220ARCHIV.MST

Title: High alumina refractories based on beneficiated kyanite and beach san
sillimanite

Source: D NML/IRM
Report No: Interim report June
Location: B/C/5/D/86/2
Keywords: Refractories
Year: 1986
MFN: 1221ARCHIV.MST

Title: Corrosion control schemes for Tata Iron
Steel co. Ltd., Jamshedpur
Source: D NML/IRM
Report No: IR05036020
Location: B/C/5/D/86/1
Year: 1986
MFN: 1222ARCHIV.MST

Title: Development and evaluation of chromium boride paste for improvement of
wear resistance of steels: Pr.No.14800602 (Exploratory)
Source: D NML/IRM
Report No: IR05416019
Location: B/C/5/D/86/1
Year: 1986
MFN: 1223ARCHIV.MST

Title: Production of low phosphorus and low sulphur pig iron through vertical
retort direct reduction-submerged arc furnace route at NML, Jamshedpur
Source: D NML/IRM
Report No: IR07436002
Location: B/C/5/D/86/1
Year: 1986
MFN: 1224ARCHIV.MST

Title: Modelling and simulation of vertical reactors using non-isothermal technique
Source: D NML/IRM

Report No: IR07916012
Location: B/C/5/D/86/1
Year: 1986
MFN: 1225ARCHIV.MST

Title: Continuous and near shape casting a centre for study
Source: D NML/IRM
Report No: IR10436004
Location: B/C/5/D/86/1
Year: 1986
MFN: 1226ARCHIV.MST

Title: Component integrity evaluation centre
Source: D NML/IRM
Report No: IR10436005
Location: B/C/5/D/86/1
Year: 1986
MFN: 1227ARCHIV.MST

Title: Proposal on component integrity evaluation programme
Source: D NML/IRM
Report No: IR10436005
Location: B/C/5/D/86/1
Year: 1986
MFN: 1228ARCHIV.MST

Author: Beck, TA
Title: Oils of vegetable origin as mould/core binder
Source: D NML/IRM
Report No: IR10916009
Location: B/C/5/D/86/2
Year: 1986

MFN: 1229ARCHIV.MST

Author: Mohanty, ON
Singh, SR

Title: Development of <Shape memory alloy>

Source: D NML/IRM

Report No: IR10916010

Location: B/C/5/D/86/2

Year: 1986

MFN: 1230ARCHIV.MST

Title: Anisotropic Mn-Al-C magnets by Hot Extrusion

Source: D NML/IRM

Report No: IR10916011

Location: B/C/5/D/86/1

Year: 1986

MFN: 1231ARCHIV.MST

Author: Beck, TA

Title: Development of compacted graphite cast iron, structure property correlation

Source: D NML/IRM

Report No: IR10916013

Location: B/C/5/D/86/2

Keywords: Cast iron

Graphite

Year: 1986

MFN: 1232ARCHIV.MST

Title: Mitigation of pollution caused by <Agra Foundries>, <Uttar Pradesh>

Source: D NML/IRM

Report No: IR10916015

Location: B/C/5/D/86/2

Keywords: Pollution

Foundry

Year: 1986

MFN: 1233ARCHIV.MST

Title: Study on the effect of chlorine and nitrogen bubbling on the solidification behaviour of Al-Si and Al-Zn-Mg alloys

Source: D NML/IRM

Report No: IR10927038

Location: B/C/5/D/86/1

Year: 1986

MFN: 1234ARCHIV.MST

Title: Develop humidity resistant properties of sodium silicate bond sand system with chemical additives

Source: D NML/IRM

Report No: IR10928079

Location: B/C/5/D/86/1

Year: 1986

MFN: 1235ARCHIV.MST

Title: Development of shape memory alloy

Source: D NML/IRM

Report No: IR10986010

Location: B/C/5/D/86/1

Year: 1986

MFN: 1236ARCHIV.MST

Title: Development of ferritic steel to substitute austenitic steel for elevated temperature applications in power plants

Source: D NML/IRM

Report No: IR11436006

Location: B/C/5/D/86/1

Year: 1986

MFN: 1237ARCHIV.MST

Author: Choudhuri, S

Das, LN

Ghosh, RN

Kumar, R

Singh, R

Title: Development of quicker and more reliable methods for evaluation of residual life of boiler tubes / steam pipes in thermal power plants

Source: D NML/IRM

Report No: IR11916014

Location: B/C/5/D/86/2

Keywords: Boiler tubes

Pipes

Thermal power plants

Year: 1986

MFN: 1238ARCHIV.MST

Author: Mohan, V

Khangaonkar, PR

Title: Tests on graphite ore for <Dorr> Rake classifier and dorr flotation cells

Source: D NML/IRM

Report No: IR1213

Location: B/C/5/D/86/2

Keywords: Graphite ores

Year: 1986

MFN: 1239ARCHIV.MST

Author: Rao, PDP

Title: Beneficiation characteristics of a non coking coal sample from talcher coal field for reduction of ash content and alpha quartz content Part I Heavy liquid separation

Source: D NML/IRM
Report No: IR1214
Location: B/C/5/D/86/2
Keywords: Beneficiation
Noncoking coal
Year: 1986
MFN: 1240ARCHIV.MST

Author: Rao, PDP
Title: Beneficiation characteristics of a non coking coal sample from talcher coal field for reduction of ash content and alpha quartz content Part II Froth flotation studies
Source: D NML/IRM
Report No: IR1218
Location: B/C/5/D/86/2
Keywords: Beneficiation
Noncoking coal
Year: 1986
MFN: 1241ARCHIV.MST

Author: Kunwar, RK
Title: Beneficiation studies on overburden chromite samples from Saurabil Mines, <Orissa>
Source: D NML/IRM
Report No: IR1220
Location: B/C/5/D/86/2
Keywords: Beneficiation
Chromium ores
Year: 1986
MFN: 1242ARCHIV.MST

Title: Beneficiation and purification of tungsten ores of India
Source: D NML/IRM

Report No: IR12236001
Location: B/C/5/D/86/1
Year: 1986
MFN: 1243ARCHIV.MST

Author: Kumar, RK
Title: Exploratory studies for lowering the iron and fluorine content in a Lepidolite sample from M/S Hindustan Products Ltd, Calcutta. <West Bengal>
Source: D NML/IRM
Report No: IR1228
Location: B/C/5/D/86/2
Keywords: Lepidolite
Year: 1986
MFN: 1244ARCHIV.MST

Author: Pathak, PN
De, TC
Chakraborty, N
Title: Beneficiation of a limestone sample from Gola Area, Hazaribagh, <Bihar>
Source: D NML/IRM
Report No: IR1236
Location: B/C/5/D/86/2
Keywords: Beneficiation
Limestone
Year: 1986
MFN: 1245ARCHIV.MST

Title: Recovery of sulphuric acid from spent pickle liquor
Source: D NML/IRM
Report No: IR13036021
Location: B/C/5/D/86/1
Year: 1986

MFN: 1246ARCHIV.MST

Title: Note on magnesium production and existing plant at N.M.L., Jamshedpur

Source: D NML/IRM

Report No: IR13046016

Location: B/C/5/D/86/1

Year: 1986

MFN: 1247ARCHIV.MST

Title: Our experiences in selling of magnesium plant and technology

Source: D NML/IRM

Report No: IR13046017

Location: B/C/5/D/86/1

Year: 1986

MFN: 1248ARCHIV.MST

Title: Report on magnesium production technology and plant of N.M.L.,
Jamshedpur

Source: D NML/IRM

Report No: IR13046023

Location: B/C/5/D/86/1

Year: 1986

MFN: 1249ARCHIV.MST

Title: Recomissioning of Magnesium plant

Source: D NML/IRM

Report No: IR13436007

Location: B/C/5/D/86/1

Year: 1986

MFN: 1250ARCHIV.MST

Title: Production of electrolytic iron powder from sponge fines

Source: D NML/IRM
Report No: IR13437027
Location: B/C/5/D/86/1
Year: 1986
MFN: 1251ARCHIV.MST

Title: Production of pure magnesium carbonate from magnesite by chemical methods

Source: D NML/IRM
Report No: IR13927047
Location: B/C/5/D/86/1
Year: 1986
MFN: 1252ARCHIV.MST

Title: Beneficiation and purification of Tungsten ores in India - A project proposal

Source: D NML/IRM
Report No: Misc R/86/3
Location: B/C/5/D/86/4
Keywords: Tungsten ores
Year: 1986
MFN: 1253ARCHIV.MST

Title: Ethyl silicate zinc rich primer

Source: D NML/IRM
Report No: Misc R/86/1
Location: B/C/5/D/86/4
Year: 1986
MFN: 1254ARCHIV.MST

Title: Air
nitrogen atomized extra-fine non-ferrous metal powders

Source: D NML/IRM
Report No: Misc R/86/2

Location: B/C/5/D/86/4

Year: 1986

MFN: 1255ARCHIV.MST

Author: Basak, AC

Title: Differential spectrophotometric determination of high tungsten in tungsten ores and concentrates

Source: D NML/IRM

Report No: OLP 04131

Location: B/C/5/D/86/2

Keywords: Tungsten ores

Year: 1986

MFN: 1256ARCHIV.MST

Author: Goswami, MC

Title: Smelting reduction of fluxed composite reduced iron pellets

Source: D NML/IRM

Report No: OLP 04331

Location: B/C/5/D/86/2

Keywords: Composites

Iron pellets

Year: 1986

MFN: 1257ARCHIV.MST

Title: Monitor Chart

Source: D NML/IRM

Report No: R No. 08067059

Location: B/C/5/D/86/1

Year: 1986

MFN: 1258ARCHIV.MST

Author: Basak, G

Kar, S

Nath, P

Prasad, S

Title: Adityapur complex- NML's Extension project - A project proposal

Source: D NML/IRM

Report No: R No. 13436008

Location: B/C/5/D/86/1

Year: 1986

MFN: 1259ARCHIV.MST

Author: Saha, AK

Khan, ZH

Akerkar, DD

Title: Processing of polymetallic sea nodules of Indian Ocean for extraction of nickel, copper and cobalt by reduction roast in a continuous moving bed reactor

Source: D NML/IRM

Report No: RR440

Location: B/C/5/D/86/3

Year: 1986

MFN: 1260ARCHIV.MST

Author: Saha, AK

Akerkar, DD

Title: Processing of polymetallic sea nodules by reduction roast-ammonia leaching for recovery of nickel, cobalt and copper

Source: D NML/IRM

Report No: RR441

Location: B/C/5/D/86/3

Year: 1986

MFN: 1261ARCHIV.MST

Author: Saha, AK

Khan, ZH

Akerkar, DD

Title: Development of processes for recovery of cobalt from ammoniacal raffinate solution obtained by solvent extraction of the solution produced in leaching of polymetallic manganese sea nodules

Source: D NML/IRM

Report No: RR442

Location: B/C/5/D/86/3

Year: 1986

MFN: 1262ARCHIV.MST

Title: Recovery of vanadium from vanadium bearing slag by alkaline roast-leach process: Part II

Source: D NML/IRM

Report No: RR444

Location: B/C/5/D/86/3

Year: 1986

MFN: 1263ARCHIV.MST

Author: Jana, RK

Pandey, BD

Kumar, V

Nayak, AK

Akerkar, DD

Title: Separation of Cu, Ni
Co from the ammoniacal leach liquors of sea nodules by Solvent Extraction -
Electrowinning

Source: D NML/IRM

Report No: RR445

Location: B/C/5/D/86/3

Year: 1986

MFN: 1264ARCHIV.MST

Author: Bose, AK

Sen, PC

Rao, MRK

Title: Energy conservation techniques in fuel fired furnaces

Source: D NML/IRM

Report No: SR229

Location: B/C/5/D/86/3

Year: 1986

MFN: 1265ARCHIV.MST

Author: Sharma, TL

Narang, SK

Title: Conserving energy at room temperature sealing of anodic oxide coatings on aluminium and its alloys

Source: D NML/IRM

Report No: FR0527036

Location: B/C/6/A/87/3

Year: 1987

MFN: 1266ARCHIV.MST

Author: Altekari, VA

Choudhury, SK

Chakraborty, SP

Dey, PK

Dubey, RK

Title: Development of contact material by P/M technique

Source: D NML/IRM

Report No: FR10427052

Location: B/C/6/A/87/1

Year: 1987

MFN: 1267ARCHIV.MST

Title: Report on development of ceramic (Silicon carbide) recuperators for kilns and furnaces

Source: D NML/IRM
Report No: IR07917053
Location: B/C/6/A/87/3
Year: 1987
MFN: 1268ARCHIV.MST

Author: Pandey, BD
Kumar, V
Jana, RK
Mahanty, MS
Tiwary, SK
Akerkar, DD

Title: Development of direct ammonia leaching process for treatment of polymetallic sea nodules

Source: D NML/IRM
Report No: IR1241
Location: B/C/6/A/87/1
Year: 1987
MFN: 1269ARCHIV.MST

Author: Sengupta, SK
Prasad, SN
Rafiuddin, S
Chakraborty, DM
Chakraborty, N

Title: Beneficiation studies on an oxidised copper ore sample (sample No.2) from Malanjkhand Copper Project of M/S. Hindustan Copper Ltd.

Source: D NML/IRM
Report No: IR1245
Location: B/C/6/A/87/1
Year: 1987
MFN: 1270ARCHIV.MST

Author: Pathak, PN

Rafiuddin, S

Chakraborty, N

Title: Determination of bond's work index for electrolytic manganese dioxide sample received from Chemical Metallurgy division of NML, Jamshedpur

Source: D NML/IRM

Report No: IR1250

Location: B/C/6/A/87/1

Year: 1987

MFN: 1271ARCHIV.MST

Author: Prasad, S

Chakraborty, DM

Chakraborty, N

Title: Beneficiation studies on a low grade scheelite sample from Jakheta Mines, Almora Dist., for the directorate of mines and Geology, govt. of Uttar Pradesh

Source: D NML/IRM

Report No: IR1251

Location: B/C/6/A/87/1

Year: 1987

MFN: 1272ARCHIV.MST

Author: Chattoraj, US

Sengupta, SK

Sinha, PK

Ghosh, SR

De, TC

Padan, JS

Chakraborty, N

Title: Pilot plant beneficiation studies on low grade kyanite composite sample from M/s. Maharashtra State Mining Corporation Ltd.

Source: D NML/IRM

Report No: IR1252

Location: B/C/6/A/87/1

Year: 1987

MFN: 1273ARCHIV.MST

Author: Singh, Inder

Title: Use of inhibitors in protection of process equipment for production of edible oil from rice bran

Source: D NML/IRM

Report No: PN05315051

Location: B/C/5/B/87/2

Keywords: Inhibitors

Year: 1987

MFN: 1274ARCHIV.MST

Title: Development of a novel technique for continuous reduction of iron ore fines with powdery carbanaceous materials in vertical reactor

Source: D NML/IRM

Report No: PN07417054

Location: B/C/6/A/87/2

Keywords: Iron ores; Fines

Year: 1987

MFN: 1275ARCHIV.MST

Title: Progress report on 1st stage of the project

Source: D NML/IRM

Report No: R No.05317048

Location: B/C/6/A/87/3

Year: 1987

MFN: 1276ARCHIV.MST

Title: High temperature resistant (Slurry based) coating

Source: D NML/IRM

Report No: R No.05427035

Location: B/C/6/A/87/3

Year: 1987

MFN: 1277ARCHIV.MST

Title: Report on development of ceramic (Silicon carbide) recuperators for kilns and furnaces

Source: D NML/IRM

Report No: R No.07428089

Location: B/C/6/A/87/1

Year: 1987

MFN: 1278ARCHIV.MST

Title: Development of magnesia - carbon refractories

Source: D NML/IRM

Report No: R No.07927039

Location: B/C/6/A/87/1

Year: 1987

MFN: 1279ARCHIV.MST

Title: High alumina refractories based on beneficiated deach sand sillimanite

Source: D NML/IRM

Report No: R no.07927040

Location: B/C/6/A/87/1

Year: 1987

MFN: 1280ARCHIV.MST

Author: Bose, SK; Kumar, R; Saxsena, BK; Singh, TB

Title: Property studies on conventional and rapidly solidified Al-base alloys after consolidation and extrusion in different environmental conditions

Source: D NML/IRM

Report No: R No.10427037

Location: B/C/6/A/87/3

Year: 1987

MFN: 1281ARCHIV.MST

Title: Study on the effect of chlorine and nitrogen bubbling on the solidification behaviour of Al-Si and Al-Zn-Mg alloys

Source: D NML/IRM

Report No: R No.10927038

Location: B/C/6/A/87/3

Year: 1987

MFN: 1282ARCHIV.MST

Title: Solidification behaviour of aluminium alloy composites

Source: D NML/IRM

Report No: R No.10927046

Location: B/C/6/A/87/3

Year: 1987

MFN: 1283ARCHIV.MST

Title: Characterization of boiler quality plates for high temperature use

Source: D NML/IRM

Report No: R No.11927045

Location: B/C/6/A/87/3

Year: 1987

MFN: 1284ARCHIV.MST

Title: Beneficiation and purification of tungsten ores of India

Source: D NML/IRM

Report No: R No.12237025

Location: B/C/6/A/87/1

Year: 1987

MFN: 1285ARCHIV.MST

Title: Mineral science and engineering centre

Source: D NML/IRM
Report No: R No.12437031
Location: B/C/6/A/87/1
Year: 1987
MFN: 1286ARCHIV.MST

Title: R&D Programme in base metal technology
Source: D NML/IRM
Report No: R No.13037032
Location: B/C/6/A/87/1
Year: 1987
MFN: 1287ARCHIV.MST

Title: Processing of polymetallic sea nodules for recovery of metallic values
Source: D NML/IRM
Report No: R No.13237030
Location: B/C/6/A/87/1
Year: 1987
MFN: 1288ARCHIV.MST

Title: Production of electrolytic iron powder from sponge fines
Source: D NML/IRM
Report No: R No.1346003
Location: B/C/6/A/87/3
Year: 1987
MFN: 1289ARCHIV.MST

Title: Aluminium alloy coating for steel
Source: D NML/IRM
Report No: R05427055
Location: B/C/6/A/87/1
Year: 1987

MFN: 1290ARCHIV.MST

Author: Akerkar, DD; Aasi, JL; Biswas, SK; Goswami, MC; Goswami, J; Gupta, KN; Mallick, AK; Nayak, AK; Pandey, AM; Paul, BK; Paul, SR; Prakash, S; Sen, PC; Singh, RS; Singh, U; Som, PK; Tiwary, SK; Vaish, AK

Title: Development and commercialisation of indigenous technology for prouction of high quality iron national mission oriented programme Mission (II) production of low phosphorus and low sulphur pig iron through vertical retort direct reduction-submerged Arc furance route at NML, Jamshedpur

Source: D NML/IRM

Report No: R07437026

Location: B/C/6/A/87/1

Year: 1987

MFN: 1291ARCHIV.MST

Author: Paris, MK; Mitra, BK; Ray, KC; Singh, KK

Title: High strength direct bonded zircon based refractory for nozzle application

Source: D NML/IRM

Report No: R10427041

Location: B/C/6/A/87/1

Year: 1987

MFN: 1292ARCHIV.MST

Title: Development of contact material by P/M Technique

Source: D NML/IRM

Report No: R10427052

Location: B/C/6/A/87/1

Year: 1987

MFN: 1293ARCHIV.MST

Title: Ferritic steel for elevated temperature application: A project proposal

Source: D NML/IRM

Report No: R11437029

Location: B/C/6/A/87/1

Year: 1987

MFN: 1294ARCHIV.MST

Title: Design and development of appropriate crucible furnace technology

Source: D NML/IRM

Report No: R51427056

Location: B/C/6/A/87/1

Year: 1987

MFN: 1295ARCHIV.MST

Author: Narang, SK

Title: Electrolytic nickel powder

Source: D NML/IRM

Report No: RN05427049

Location: B/C/6/A/87/2

Keywords: Nickel powder

Year: 1987

MFN: 1296ARCHIV.MST

Title: Modelling and simulation of vertical reactors using nonisothermal technique

Source: D NML/IRM

Report No: RN07927044

Location: B/C/6/A/87/2

Keywords: Iron ores

Year: 1987

MFN: 1297ARCHIV.MST

Author: Basak, P

Title: Development of cadmium free silver metal oxide electrical contact materials

Source: D NML/IRM

Report No: RN10427042

Location: B/C/6/A/87/2

Keywords: Electrical contacts

Year: 1987

MFN: 1298ARCHIV.MST

Title: Development of high ductility alloys - Ultra High carbon Steel

Source: D NML/IRM

Report No: RN10427043

Location: B/C/6/A/87/2

Keywords: Carbon steels

Year: 1987

MFN: 1299ARCHIV.MST

Author: Dey, ML

Title: Production of pure magnesium carbonate from magnesite by chemical methods

Source: D NML/IRM

Report No: RN13927047

Location: B/C/6/A/87/2

Keywords: Magnesite

Year: 1987

MFN: 1300ARCHIV.MST

Author: Virdhi, PS; Gupta, KN; Banerjee, S

Title: Production of low phosphorus and low sulphur pig iron in low shaft furnace-development of composite briquettes

Source: D NML/IRM

Report No: FR07428080

Location: B/C/6/A/88/1

Keywords: Briquets

Year: 1988

MFN: 1301ARCHIV.MST

Author: Singh, KK

Roy, KC

Mathur, NN

Chatterjee, B

Malaviya, SK

Paria, MK

Title: Development of <tabular alumina>

Source: D NML/IRM

Report No: FR07428090

Location: B/C/6/A/88/1

Keywords: Aluminous refractories

Year: 1988

MFN: 1302ARCHIV.MST

Author: Basak, G

Nag, A

Prasad, S

Shahani, MJ

Title: Extraction of P/M grade copper powder from Bio-Leachates

Source: D NML/IRM

Report No: FR10428075

Location: B/C/6/A/88/1

Keywords: Bacterial Leaching

Copper extraction

Year: 1988

MFN: 1303ARCHIV.MST

Author: Beck, TA

Mohanty, ON

Sinha, SK

Title: To develop humidity resistant properties of <sodium silicate> bond sand system with chemical additives

Source: D NML/IRM

Report No: FR10928079
Location: B/C/6/A/88/1
Keywords: Sand
Year: 1988
MFN: 1304ARCHIV.MST

Author: Bose, SK
Biswas, SK
Choudhuri, S
Das, NK
Ghosh, BN
Ghosh, RN
Mohanty, ON
Mukherjee, KP
Nag, PS
Prasad, K
Singh, DDN
Singh, R
Singh, SR
Sinha, AN

Title: Ferritic steel for elevated temperature applications
Source: D NML/IRM
Report No: FR11428068
Location: B/C/6/A/88/1
Keywords: Ferritic stainless steels
Year: 1988
MFN: 1305ARCHIV.MST

Author: Bodas, MG
Pandey, BD
Jana, RK
Prasad, S

Singh, SK

Akerkar, DD

Title: Processing of complex sulphide concentrate of Ambamata <Gujrat> for recovery of metallic values

Source: D NML/IRM

Report No: FR13028071

Location: B/C/6/A/88/1

Keywords: Ores

Extraction

Copper

Zinc

Lead

Year: 1988

MFN: 1306ARCHIV.MST

Title: Development of an appropriate technology for rural brass and bell metal (BBM)

Source: D NML/IRM

Report No: IR10418073

Location: B/C/6/A/88/2

Year: 1988

MFN: 1307ARCHIV.MST

Title: Scaling up of production of Nickel free steel for exhaust <valve> application

Source: DNML/IRM

Report No: IR11418067

Location: B/C/6/A/88/1

Keywords: Steel

Year: 1988

MFN: 1308ARCHIV.MST

Author: Kumar, V

Pandey, BD

Bagchi, D

Jana, RK

Khan, ZH

Nayak, AK

Akerkar, DD

Title: Solvent extraction electrowinning of copper and nickel in the processing of ammoniacal leach liquors of manganese sea nodules

Source: D NML/IRM

Report No: IR13218078

Location: B/C/6/A/88/1

Keywords: Solvent extraction

Sea nodules

Year: 1988

MFN: 1309ARCHIV.MST

Title: Production of low phosphorus, low sulphur pig iron in a submerged Arc Furnace

Source: D NML/IRM

Report No: Misc R/88/1

Location: B/C/6/A/88/3

Keywords: Pig iron

Year: 1988

MFN: 1310ARCHIV.MST

Title: Production of distilled zinc dust a project profile

Source: D NML/IRM

Report No: Misc R/88/2

Location: B/C/6/A/88/3

Keywords: Zinc dust

Year: 1988

MFN: 1311ARCHIV.MST

Title: Direct reduced iron production by vertical retort direct reduction (VRDR) process a project profile for VCS

Source: D NML/IRM

Report No: Misc R/88/3

Location: B/C/6/A/88/3

Keywords: Direct reduced iron

Year: 1988

MFN: 1312ARCHIV.MST

Title: Software on automatic mesh generation for 2-D elements in fem

Source: D NML/IRM

Report No: R No.03429102

Location: BC/6/A/88/2

Year: 1988

MFN: 1313ARCHIV.MST

Title: Cleaner steel from the fines of iron ore and non-coking coal through DRIR-ESM

Source: D NML/IRM

Report No: R No.07428085

Location: B/C/6/A/88/2

Year: 1988

MFN: 1314ARCHIV.MST

Title: Development of a bench-scale cone precipitator

Source: D NML/IRM

Report No: R No.10422189

Location: B/C/6/A/88/2

Year: 1988

MFN: 1315ARCHIV.MST

Author: Bhattacharya, AP

Akerkar, DD

Title: Refining of ferro-silicon

Source: D NML/IRM

Report No: R No.13422785

Location: B/C/6/A/88/2

Year: 1988

MFN: 1316ARCHIV.MST

Title: Simultaneous removal of silicon phosphorus and sulphur from pig iron without using gaseous oxygen

Source: D NML/IRM

Report No: R No.13429101

Location: B/C/6/A/88/2

Year: 1988

MFN: 1317ARCHIV.MST

Title: Overall mechanism and kinetics of sulph-tisation roasting of chalco-pyrite concentrate at low temperature (Below 500 degreeC) with additive

Source: D NML/IRM

Report No: R No.13429104

Location: B/C/6/A/88/2

Year: 1988

MFN: 1318ARCHIV.MST

Title: Research appraisal and publications committee (An IN-house Committee) a manual of procedure

Source: D NML/IRM

Report No: R08067061

Location: B/C/6/A/88/1

Year: 1988

MFN: 1319ARCHIV.MST

Author: Lal, K

Lakhner, J

Csetenyi, EK

Title: Microstructural inhomogeneity in Dc Al-I wt mn alloys

Source: D NML/IRM

Report No: R10928088

Location: B/C/6/A/88/1

Year: 1988

MFN: 1320ARCHIV.MST

Author: Bodas, MG

Patnaik, H

Rao, PDP

Akerkar, DD

Title: Physical studies on polymetallic sea nodules from Indian ocean

Source: D NML/IRM

Report No: R13218077

Location: B/C/6/A/88/1

Keywords: Sea nodules

Year: 1988

MFN: 1321ARCHIV.MST

Author: Bhattamishra, AK

Title: Study the influence of filtering through NML reactive filter on the stress corrosion behaviour of aluminium alloys

Source: DNML/IRM

Report No: RN10428065

Location: B/C/6/A/88/1

Keywords: Corrosion

Alloys

Year: 1988

MFN: 1322ARCHIV.MST

Author: BhaskarRaju

NML Madras Centre

Title: Beneficiation of mineral fines by new techniques- NML Madras Centre, Madras

Source: DNML/IRM

Report No: RN51428064

Location: B/C/6/A/88/1

Keywords: Beneficiation

Mineral Fines

Year: 1988

MFN: 1323ARCHIV.MST

Author: Mathur, NN

Title: Studies on sintering and grain growth of alumina

Source: DNML/IRM

Report No: FR07420120

Location: B/C/6/B/89/1

Keywords: Alumina

Grain growth

Year: 1989

MFN: 1324ARCHIV.MST

Title: Elastic Plastic crack tip analysis using finite element method

Source: DNML/IRM

Report No: FR11420119

Location: B/C/6/B/89/1

Keywords: Finite element method

Year: 1989

MFN: 1325ARCHIV.MST

Author: Chatterjee, NN

Title: Development of computer software for analytical chemists

Source: DNML/IRM

Report No: IR02429111
Location: B/C/6/B/89/2
Keywords: Software
Year: 1989
MFN: 1326ARCHIV.MST

Author: Mohanty, ON
Basak, P
Dev, SC
Title: Study of wire drawing characteristics of Ag-Zn-Sn-Cu alloy
Source: DNML/IRM
Report No: IR10429105
Location: B/C/6/B/89/1
Keywords: Wire drawing
Year: 1989
MFN: 1327ARCHIV.MST

Author: Saha, AK
Title: Removal of silica and sulfur from tungsten concentrates from Degana,
<Rajasthan>
Source: DNML/IRM
Report No: IR13210118
Location: B/C/6/B/89/2
Keywords: Tungsten ores
Year: 1989
MFN: 1328ARCHIV.MST

Author: Rao, S Addanki
Title: Corrosion behaviour of 430
304 stainless steels in tamarind juice and sodium chloride solutions
Source: DNML/IRM
Report No: IR51419116
Location: B/C/6/B/89/1

Keywords: Stainless steels

Corrosion

Year: 1989

MFN: 1329ARCHIV.MST

Author: Singh, DDN

Title: Studies on techno economics evaluation of NML Passivates in Tubes division of Tata Steel

Source: DNML/IRM

Report No: RN05724240

Location: B/C/6/B/89/2

Year: 1989

MFN: 1330ARCHIV.MST

Author: Rao, VV

Mahanti, RK

De, PK

Title: Effect of rapid solidification processing on the properties of high strength aluminium alloys

Source: DNML/IRM

Report No: RN10420117

Location: B/C/6/B/89/1

Keywords: Rapid solidification

Aluminum alloys

Year: 1989

MFN: 1331ARCHIV.MST

Author: Basak, P

Title: Low silver brazing filler alloy for electronics use

Source: DNML/IRM

Report No: RN10429114

Location: B/C/6/B/89/2

Keywords: Alloys

Brazing

Year: 1989

MFN: 1332ARCHIV.MST

Author: Bhattacharya, J

Title: Processing of ultra high carbon steel for super plasticity

Source: DNML/IRM

Report No: RN10429115

Location: B/C/6/B/89/1

Keywords: Steels

Year: 1989

MFN: 1333ARCHIV.MST

Author: NML Madras Centre

Rao, GN

Title: Completion report on technology for the production of cellular refractory product

Source: DNML/IRM

Report No: RN51429113

Location: B/C/6/B/89/2

Keywords: Refractories

Year: 1989

MFN: 1334ARCHIV.MST

Author: Ghosh, P

Title: New approach for studies- Active passive transition of stainless steels

Source: DNML/IRM

Report No: FR05421133

Location: B/C/6/B/90/2

Keywords: Stainless steels

Year: 1990

MFN: 1335ARCHIV.MST

Author: DAs, NK
Title: Development of super plastic cast iron through powder route
Source: DNML/IRM
Report No: FR10421166
Location: B/C/6/B/90/2
Keywords: Cast iron
Year: 1990
MFN: 1336ARCHIV.MST

Author: Sivaramakrishnan, CS
Title: Effect of rapid solidification on the structure and properties of Mg base alloys
Source: DNML/IRM
Report No: FR10422180
Location: B/C/6/B/90/1
Keywords: Rapid solidification
Year: 1990
MFN: 1337ARCHIV.MST

Author: Basak, P
Singh, Inder
Dev, SC
Title: Development of rapidly solidified low silver brazing filler alloy
Source: DNML/IRM
Report No: FR10422191
Location: B/C/6/B/90/1
Keywords: Alloys
Filler
Year: 1990
MFN: 1338ARCHIV.MST

Author: CSIR Madras complex

Title: Production of high purity graphite from graphite ore, Sivagangai, Tamil Nadu by Mineral dressing/Chemical leaching methods

Source: DNML/IRM

Report No: FR51422178

Location: B/C/6/B/90/1

Keywords: Graphite ores

Year: 1990

MFN: 1339ARCHIV.MST

Title: Investigation report on removal of silica and sulphur from tungsten concentrates from <Degana>,<Rajasthan>

Source: D NML/IRM

Report No: IR 13210118

Location: B/C/6/B/90/1

Keywords: Tungsten Ores

Year: 1990

MFN: 1340ARCHIV.MST

Title: Assessment of residual creep life of service exposed main steam pipe of BOILER No.5:Neyveli Lignite Corp., <Tamil Nadu>

Source: D NML/IRM

Report No: IR11620033

Location: B/C/6/B/90/1

Keywords: Creep Life

Steam Pipes

Year: 1990

MFN: 1341ARCHIV.MST

Author: Choudhuri, S

Title: Investigation report on assessment of residual creep life of service exposed main stream pipe of boiler No 5

Source: DNML/IRM

Report No: IR11620033

Location: B/C/6/B/90/3

Keywords: Creep

Year: 1990

MFN: 1342ARCHIV.MST

Author: Singh, R

Title: Stress rupture properties of 1.25 Cr- 0.5 Mo steel produced by Mahindra UGINE steel Co, Bombay

Source: DNML/IRM

Report No: IR11620035

Location: B/C/6/B/90/1

Keywords: Stress

Steels

Year: 1990

MFN: 1343ARCHIV.MST

Author: Bharat Heavy Electricals Ltd. (R D), Hyderabad

Title: Stress rupture properties of 1.25Cr-0.5Mo steel produced by Mahindra UGINE Steel Co. Ltd., Bombay <Mumbai>

Source: DNML/IRM

Report No: IR11620035

Location: B/C/6/B/90/1

Year: 1990

MFN: 1344ARCHIV.MST

Author: Saha, AK

Title: Investigation report on removal of silica and sulphur from tungsten concentrate from Degana <Rajasthan>

Source: DNML/IRM

Report No: IR13210118

Location: B/C/6/B/90/1

Keywords: Tungsten ores

Beneficiation

Year: 1990

MFN: 1345ARCHIV.MST

Title: Vinyl coated steel
aluminium - a project profile

Source: DNML/IRM

Report No: Misc R/90/1

Location: B/C/6/B/90/3

Keywords: Steels

Coatings

Year: 1990

MFN: 1346ARCHIV.MST

Author: Ghosh, P

Pandey, JL

Bhattamishra, AK

Mukherjee, AN

Banerjee, MK

Mukherjee, KP

Title: New approach for studies active-passive transition of stainless steels

Source: D NML/IRM

Report No: P N.05489128

R No.05421133

Location: B/C/6/B/90/2

Keywords: Stainless steels

Year: 1990

MFN: 1347ARCHIV.MST

Title: <Corrosion resistance> of nickel phosphorous alloy deposits

Source: D NML/IRM

Report No: P No.05489108

Location: B/C/6/B/90/2

Year: 1990

MFN: 1348ARCHIV.MST

Title: Development of <super-plastic> cast iron through powder route

Source: D NML/IRM

Report No: P No.10489112

F R No.10421166

Location: B/C/6/B/90/1

Keywords: Cast Iron

Year: 1990

MFN: 1349ARCHIV.MST

Title: Development of <super-plastic> cast iron through powder route

Source: D NML/IRM

Report No: P No.10489112

R No.10421166

Location: B/C/6/B/90/2

Keywords: Cast Iron

Year: 1990

MFN: 1350ARCHIV.MST

Author: Sivaramakrishnan, CS

Sridhar, G

Mahanti, RK

Kishori Lal

Title: Effect of rapid solidification on the structure and properties of Mg base alloys

Source: D NML/IRM

Report No: P No.10490152

R No.10422180

Location: B/C/6/B/90/1

Keywords: Rapid Solidification

Magnesium base alloys

Year: 1990

MFN: 1351ARCHIV.MST

Title: Leaching of pure and cobalt bearing goethites in sulphurous acid - kinetics and mechanisms

Source: D NML/IRM

Report No: P No.13489125

Location: B/C/6/B/90/2

Keywords: Leaching

Year: 1990

MFN: 1352ARCHIV.MST

Title: Production of high purity graphite from graphite ore Sivagangai, <Tamil Nadu>:Mineral Dressing/Chemical Leaching Methods

Source: D NML/IRM

Report No: P No.51489102

F R No.51422178

Location: B/C/6/B/90/1

Keywords: Graphite Ores

Year: 1990

MFN: 1353ARCHIV.MST

Author: Das, NK

Title: Corrosion resistance of nickel phosphorus alloy deposits

Source: DNML/IRM

Report No: PN05489108

Location: B/C/6/B/90/2

Keywords: Corrosion resistance

Nickel

Year: 1990

MFN: 1354ARCHIV.MST

Author: Bahadur, A
Title: Improvement in workability and ductility of Fe₃Al based alloys
Source: DNML/IRM
Report No: PN10489113
Location: B/C/6/B/90/2
Keywords: Alloys
Year: 1990
MFN: 1355ARCHIV.MST

Author: Kumar, Rakesh
Title: Leaching of pure and cobalt bearing goethites in sulphurous acid: kinetics
Mechanism
Source: DNML/IRM
Report No: PN13489125
Location: B/C/6/B/90/2
Keywords: Leaching
Goethites
Cobalt
Year: 1990
MFN: 1356ARCHIV.MST

Title: Improvement in workability and ductility of Fe₃Al based alloys
Source: DNML/IRM
Report No: Project No.10489113
Location: B/C/6/B/90/2
Keywords: Workability
Ductility
Ferrous Alloys
Year: 1990
MFN: 1357ARCHIV.MST

Author: Sivaramakrishnan, CS

Sridhar, G

Mahanti, RK

Kishori Lal

Title: Effect of rapid solidification on the structure and properties of Mg-Al-Zn alloys

Source: D NML/IRM

Report No: Project No.10490152

Location: B/C/6/B/90/1

Keywords: Rapid Solidification

Year: 1990

MFN: 1358ARCHIV.MST

Title: Characterization and leaching studies on Ni and Cu bearing oxyhydroxides of tetravalent manganese

Source: D NML/IRM

Report No: R No,13422177

Exploratory Project No.13490140

Location: B/C/6/B/90/1

Keywords: Leaching

Year: 1990

MFN: 1359ARCHIV.MST

Title: Development of rapidly solidified low silver brazing filler alloy

Source: D NML/IRM

Report No: R No.10422191

Location: B/C/6/B/90/1

Keywords: Rapid Solidification

Silver Brazing Alloys

Year: 1990

MFN: 1360ARCHIV.MST

Title: Characterization and leaching studies on Ni and Cu bearing oxuhydroxides of tetravalent manganese

Source: D NML/IRM
Report No: R No.13422177
Location: B/C/6/B/90/1
Keywords: Leaching
Year: 1990
MFN: 1361ARCHIV.MST

Author: Kumar, Rakesh
Title: <Charcterization> and leaching studies on Ni
Cu bearing oxyhydroxide of tetravalent manganese
Source: DNML/IRM
Report No: RN13422177
Location: B/C/6/B/90/1
Keywords: Leaching
Manganese
Year: 1990
MFN: 1362ARCHIV.MST

Author: Singh, TB
Singh, DDN
Banerjee, MK
Mukherjee, KP
Title: Studies on electrochemical behaviour of steel in non-aqueous system (NAS)
Source: D NML/IRM
Report No: FR05421170
Location: B/C/6/C/91/2
Keywords: Corrosion
Nonaqueous electrolytes
Year: 1991
MFN: 1363ARCHIV.MST

Author: Singh, BN

Akerkar, DD

Kumar, R

Choudhary, SKR

Srivastava, SC

Ghosal, S

Gupta, PLS

Title: Production of non-ferrous metal powders with use of organic reagents/solvents

Source: D NML/IRM

Report No: FR13421169

Location: B/C/6/C/91/2

Keywords: Metal Powders

Year: 1991

MFN: 1364ARCHIV.MST

Author: Babu, SR

Title: A novel route to produce rapidly solidified tubes?sheets inside a slowly rotating die

Source: D NML/IRM

Report No: IR10411171

Location: B/C/6/C/91/2

Year: 1991

MFN: 1365ARCHIV.MST

Author: Babu, SR

Title: Rapid solidification through cold die dipping in the molten alloy

Source: D NML/IRM

Report No: IR10411172

Location: B/C/6/C/91/2

Year: 1991

MFN: 1366ARCHIV.MST

Author: Pandey, BD

Kumar, V

Jana, RK

Bagchi, D

Khan, ZH

Title: Solvent extraction in mixer-settler unit for separation of leach metals from polymetallic nodules a report on TAP on processing of polymetallic sea nodules for recovery of valuable metals

Source: D NML/IRM

Report No: IR13211165

Location: B/C/6/C/91/2

Keywords: Sea nodules

Solvent extraction

Year: 1991

MFN: 1367ARCHIV.MST

Author: Kumar, V

Pandey, BD

Premchand

Title: Studies on extraction of low tungsten from alkaline solution of low grade JIG concentrate using <alamine 336>

Source: D NML/IRM

Report No: IR13211173

Location: B/C/6/C/91/2

Keywords: Solvent Extraction

Year: 1991

MFN: 1368ARCHIV.MST

Author: Bhattacharjee, S

Title: Modelling of atmospheric corrosion

Source: D NML/IRM

Report No: PN02490149

Location: B/C/5/D/91/1

Keywords: Corrosion

Atmospheric Corrosion
Modeling

Year: 1991

MFN: 1369ARCHIV.MST

Author: Bhattamishra, AK

Title: Protection of aluminium alloys from exfoliation corrosion

Source: D NML/IRM

Report No: PN0590136

Location: B/C/5/D/91/1

Keywords: Corrosion

Exfoliation

Year: 1991

MFN: 1370ARCHIV.MST

Author: Bhattacharya, KK

Title: Effect of size reduction on liberation of coking coal

Source: D NML/IRM

Report No: PN12490139

Location: B/C/5/D/91/1

Keywords: Coking coal

Year: 1991

MFN: 1371ARCHIV.MST

Author: Chandrashekhar, K

Title: Micro and submicro determination of boron in metallurgical samples

Source: D NML/IRM

Report No: RN02422188

Location: B/C/5/D/91/1

Keywords: Boron

Year: 1991

MFN: 1372ARCHIV.MST

Author: N M L
Title: Development of a sintered magnetite anode for cathodic protection
Source: D NML/IRM
Report No: RN05421168
Location: B/C/5/D/91/1
Keywords: Anodes
Cathodic protection
Year: 1991
MFN: 1373ARCHIV.MST

Author: N M L
Title: Development of a sintered magnetite anode for cathodic protection
Source: D NML/IRM
Report No: RN05421168
Location: B/C/5/D/91/1
Keywords: Anodes
Cathodic protection
Year: 1991
MFN: 1374ARCHIV.MST

Author: N M L
Title: Services for rehabilitation of painting work of steel girders, cable anchors and pylons on deck position of the second <Hooghly bridge>, Calcutta <West Bengal>
Source: D NML/IRM
Report No: RN05814236
Location: B/C/5/D/91/1
Keywords: Coatings
Steel girders
Paints
Year: 1991
MFN: 1375ARCHIV.MST

Author: Singh, Inder
Title: Investigation of corroded stainless steel centrifuge
Source: D NML/IRM
Report No: RN05824238
Location: B/C/5/D/91/1
Keywords: Stainless steel centrifuge
Corrosion
Year: 1991
MFN: 1376ARCHIV.MST

Author: Singh, Inder
Title: Study on the behaviour of AISI-316-L stainless steel in nitrating acid
Source: D NML/IRM
Report No: RN05824239
Location: B/C/5/D/91/1
Keywords: Stainless steels
Corrosion
Year: 1991
MFN: 1377ARCHIV.MST

Author: Das, SK
Title: Development of 80 -90 alumina, wear resistant ceramics sintred at lower temperature
Source: D NML/IRM
Report No: RN07422186
Location: B/C/5/D/91/1
Keywords: Alumina
Ceramics
Year: 1991
MFN: 1378ARCHIV.MST

Author: Mitra, A

Mohanty, ON

Pramanik, S

Rao, V

Title: Effect of annealing on the magnetic and structural properties of Amorphous Fe₄₀Ni₄₀B₂₀ alloy

Source: D NML/IRM

Report No: RN10422179

Location: B/C/5/D/91/1

Keywords: Annealing
Alloys

Year: 1991

MFN: 1379ARCHIV.MST

Author: Das, NK

Title: Super plastic diffusion for producing ultra high carbon steel mild steel/Stainless steel laminates

Source: D NML/IRM

Report No: RN10422184

Location: B/C/5/D/91/1

Keywords: Stainless Steels
Laminates

Year: 1991

MFN: 1380ARCHIV.MST

Author: Das, S

Title: Changes in morphology of carbides due to long term service exposure of Cr-Mo steels

Source: D NML/IRM

Report No: EXP 11491166

Location: B/C/6/A/92/1

Keywords: Steels
Carbides

Year: 1992

MFN: 1381ARCHIV.MST

Author: Kumar, Vinay

Pandey, BD

Premchand

Title: Operating manual for mixer settler unit (MSU): Processing of ammoniacal leach liquor of sea nodules for recovery of copper, nickel, cobalt by SX-EW

Source: D NML/IRM

Report No: IR13212195

Location: B/C/6/A/92/1

Keywords: Sea nodules

Cobalt

Recovery

nickel

Year: 1992

MFN: 1382ARCHIV.MST

Author: N M L

Title: Laboratory profile 1987-88 to 1991-90 and activities/programmes/projects planned for pursuit during 1992-93

Source: D NML/IRM

Report No: Misc R/92/1

Location: B/C/6/A/92/2

Keywords: N M L

Year: 1992

MFN: 1383ARCHIV.MST

Author: Chattopadhyay, S

Srikanth, S

Title: Evaluation of ternary phase diagram

Source: D NML/IRM

Report No: PN03491168

Location: B/C/6/A/92/2
Keywords: Phase diagram
Year: 1992
MFN: 1384ARCHIV.MST

Author: N M L
Title: Removal and recovery of trace elements from industrial effluents
Source: D NML/IRM
Report No: PN10490154
Location: B/C/6/A/92/2
Keywords: Effluents
Recovery
Vermiculite
Year: 1992
MFN: 1385ARCHIV.MST

Author: N M L
Title: Micro alloye steel as a soft magnetic material for hydrogenerators
Source: D NML/IRM
Report No: PN10492189
Location: B/C/6/A/92/2
Keywords: Hydrogenerators
Year: 1992
MFN: 1386ARCHIV.MST

Author: Bhagat, RP
Title: Dispersion cum separation studies on tungsten ore (slimes) for enhanced recovery of tungsten values with better grade
Source: D NML/IRM
Report No: PN12422190
Location: B/C/6/A/92/1
Keywords: Tungsten ores

Year: 1992

MFN: 1387ARCHIV.MST

Author: Bhattacharjee, S

Dasgupta, P

Title: Molecular property correlation in n Alkanes and their isomers with geometric volume

Source: D NML/IRM

Report No: RN02423220

Location: B/C/6/A/92/1

Keywords: Isomers

Year: 1992

MFN: 1388ARCHIV.MST

Author: Sivaramakrishnan, CS

Bodas, M

Title: Production of high purity iron oxide from electrolytic iron powder for high quality MnZn Ferrite

Source: D NML/IRM

Report No: RN10422183

Location: B/C/6/A/92/1

Keywords: Iron powder

Year: 1992

MFN: 1389ARCHIV.MST

Author: Sinha, SK

Godiwalla, KM

Sivaramakrishnan, CS

Title: Studies on fluid flow in continuous casting tundish through water model

Source: D NML/IRM

Report No: RN10422193

Location: B/C/6/A/92/1

Keywords: Fluid Flow

Continuous casting

Year: 1992

MFN: 1390ARCHIV.MST

Author: Bhagat, RP

Title: Dispersion cum separation studies on tungsten ore (slimes) for enhanced recovery of tungsten values with better grade

Source: D NML/IRM

Report No: RN12422190

Location: B/C/6/A/92/1

Keywords: Tungsten ores

Separation

Year: 1992

MFN: 1391ARCHIV.MST

Author: Premchand

Title: Chemical processing of low grade tungsten ore concentrates by hydrometallurgical route - technology and economic issues

Source: D NML/IRM

Report No: RN13212194

Location: B/C/6/A/92/1

Keywords: Tungsten ores

Beneficiation

Year: 1992

MFN: 1392ARCHIV.MST

Title: Brief literature search on "Investigation on in situ formation of ceramic matrix composites from alumino silicate mineals

Source: D NML/IRM

Report No: EXP 09131

Location: B/C/6/A/93/1

Keywords: Ceramic matrix composite

Year: 1993

MFN: 1393ARCHIV.MST

Title: Development of an equilibrium model for a smelting reduction process for making liquid iron

Source: D NML/IRM

Report No: FR07423230

Location: B/C/6/D/93/1

Year: 1993

MFN: 1394ARCHIV.MST

Author: Banerjee, B

Chakraborty, N

Title: Study of mineral phases in chalcopyrite concentrate from ICC, <Ghatsila>, <West Bengal>

Source: D NML/IRM

Report No: Misc R/93/1

Location: B/C/6/A/93/2

Keywords: Copper ores

Year: 1993

MFN: 1395ARCHIV.MST

Author: Chopra, R

Chowdhury, R

Dutta, A

Title: Groundwater quality in Jajmau, <Uttar Pradesh>

Source: D NML/IRM

Report No: Misc R/93/2

Location: B/C/6/A/93/2

Keywords: Groundwater

Year: 1993

MFN: 1396ARCHIV.MST

Author: Gupta, KK

Title: Determination of ultra trace amounts of (1PPB) of gold in ore samples by ICP-OES

Source: D NML/IRM

Report No: PN02492192

Location: B/C/6/A/93/1

Keywords: Gold

Year: 1993

MFN: 1397ARCHIV.MST

Author: Singh, SR

Title: Approach for WO₃ to W reduction via DIET

Source: D NML/IRM

Report No: PN10492196

Location: B/C/6/A/93/1

Keywords: Electron Microscopy

Tungsten

Year: 1993

MFN: 1398ARCHIV.MST

Author: Sinha, SK

Godiwalla, KM

Sivaramakrishnan, CS

Title: Cold model studies of fluid flow in pneumatically agitated <metallurgical vessels>

Source: D NML/IRM

Report No: PN104932329

Location: B/C/6/A/93/1

Keywords: Fluid flow

Year: 1993

MFN: 1399ARCHIV.MST

Author: Kumar, Vinay

Title: Separation and recovery of metals from leach liquors of <Indian ocean> nodules - processing on 100 Kg/Day scale

Source: D NML/IRM

Report No: PN13283005

Location: B/C/6/A/93/1

Keywords: Sea nodules

Recovery

separation

Year: 1993

MFN: 1400ARCHIV.MST

Author: Tarafder, S

Title: Software for on line data acquisition , storage and modeling of creep curves

Source: D NML/IRM

Report No: RN03423227

Location: B/C/6/A/93/1

Keywords: Software

Creep

Year: 1993

MFN: 1401ARCHIV.MST

Author: Ray, KC

Title: Developmmt of ceramic <crucibles>

Source: D NML/IRM

Report No: RN07423221

Location: B/C/6/A/93/1

Year: 1993

MFN: 1402ARCHIV.MST

Author: Bandopadhyay, A

Title: Development of an equilibrium model for a smelting reduction process for making liquid iron

Source: D NML/IRM

Report No: RN07423230

Location: B/C/6/A/93/1

Keywords: Liquid iron

Year: 1993

MFN: 1403ARCHIV.MST

Author: Prodhan, A

Mitra, A

De, PK

Title: Solidification behaviour of aluminum and copper nickel alloys under magnetic/electric fields

Source: D NML/IRM

Report No: RN10423228

Location: B/C/6/A/93/1

Keywords: Solidification
Alloys

Year: 1993

MFN: 1404ARCHIV.MST

Author: Sivaramakrishnan, CS

Title: Novel technique for modification of <hyper eutectic> aluminum silicon alloy

Source: D NML/IRM

Report No: RN10493197

Location: B/C/6/A/93/1

Keywords: Aluminum alloys
silicon alloy

Year: 1993

MFN: 1405ARCHIV.MST

Author: Sengupta, PL

Title: Production of high purity Mn₃O₄

Source: D NML/IRM

Report No: RN13423226
Location: B/C/6/A/93/1
Keywords: Manganese oxide
Year: 1993
MFN: 1406ARCHIV.MST

Author: Gupta, KK
Title: Sensitivity studies of oxidation states by AAS
Source: D NML/IRM
Report No: Misc R/94/1
Location: B/C/6/B/94/3
Keywords: Atomic absorption spectroscopy
Year: 1994
MFN: 1407ARCHIV.MST

Title: High permeability Fe-Al soft magnetic alloys
Source: D NML/IRM
Report No: Misc R/94/2
Location: B/C/6/B/94/3
Keywords: Magnetic alloys
Year: 1994
MFN: 1408ARCHIV.MST

Author: Mohanty, ON
Title: Extra deep drawing quality sheet with r- value above 1.8
Source: D NML/IRM
Report No: Misc R/94/3
Location: B/C/6/B/94/3
Keywords: Sheet steels
Year: 1994
MFN: 1409ARCHIV.MST

Title: Report of the work done on bonding characteristics of alumina
Source: D NML/IRM
Report No: Misc R/4/94
Location: B/C/6/B/94/3
Keywords: Alumina
Year: 1994
MFN: 1410ARCHIV.MST

Author: Lal, K

Mahanti, RK

Sivaramakrishnan, CS

Sinha, AN

Singh, TB

Title: Development of lead aluminium alloys for storage battery applications

Source: D NML/IRM

Report No: OLP 006731

EXp 10493241

Location: B/C/6/B/94/1

Keywords: Battery

Alloy development

Year: 1994

MFN: 1411ARCHIV.MST

Author: Sengupta, PL

Sinha, PK

Das, NK

Title: Electroless nickel coating on graphite / Ceramic powders

Source: D NML/IRM

Report No: OLP 07031

Location: B/C/6/B/94/1

Keywords: Electroless

Ceramic powders

Year: 1994
MFN: 1412ARCHIV.MST

Author: Ghosh, BN
Title: Ultra high carbon alloys and laminated composites with mild steel
Source: D NML/IRM
Report No: OLP 09531
Location: B/C/6/B/94/1
Keywords: Alloys
Composites
Year: 1994
MFN: 1413ARCHIV.MST

Author: Prakash, S
Ghosh, KC
Title: On the reduction and sintering behaviour of the fluxed composite pellets (FCP)
Source: D NML/IRM
Report No: PN07492204
Location: B/C/6/B/94/1
Keywords: Composite Pellet
Year: 1994
MFN: 1414ARCHIV.MST

Author: Singh, KK; Chatterjee, B; Mathur, MN; Malaviya, SK; Gupta, KN
Title: Development of Zircon zirconia refractory composites for tundish nozzles
Source: D NML/IRM
Report No: PN07493209
Location: B/C/6/B/94/1
Keywords: Refractories; Composites; Zircon
Year: 1994
MFN: 1415ARCHIV.MST

Author: Chaudhary, PN; Goel, RP; Minz, RK; Chandrashekhar, K; Sengupta, KG
Title: Dephosphorisation of ferromanganese using basic fluxes
Source: D NML/IRM
Report No: PN14493245
Location: B/C/6/B/94/1
Keywords: Dephosphorization
Year: 1994
MFN: 1416ARCHIV.MST

Author: Singh, Inder
Title: Evaluation of corrosion behaviour of steels developed at <Tata Steel>
Source: D NML/IRM
Report No: RN05724241
Location: B/C/6/B/94/2
Keywords: Corrosion
Steels
Year: 1994
MFN: 1417ARCHIV.MST

Author: Bandopadhyay, D
Title: Graphitization kinetics of carbon and structural changes
Source: D NML/IRM
Report No: RN07424233
Location: B/C/6/B/94/2
Keywords: Carbon
Year: 1994
MFN: 1418ARCHIV.MST

Author: Mitra, A
Das, SK
Mohanty, ON

Title: Calorimetric study of hydrated calcium aluminates

Source: D NML/IRM

Report No: RN10423229

Location: B/C/6/B/94/2

Keywords: Calorimetry

Aluminates

Year: 1994

MFN: 1419ARCHIV.MST

Author: Ray, AK

Title: Mechanical properties of advanced ceramics <Indo US> sponsor specific project

Source: D NML/IRM

Report No: RN11323235

Location: B/C/6/B/94/1

Keywords: Mechanical Properties

Ceramics

Year: 1994

MFN: 1420ARCHIV.MST

Author: Tarafder, S

Tarafder, M

Ranganath, VR

Title: Extension of compliance crack length relations for standard fracture mechanics specimens

Source: D NML/IRM

Report No: RN11424232

Location: B/C/6/B/94/2

Keywords: Fracture Mechanics

Year: 1994

MFN: 1421ARCHIV.MST

Author: Pandey, BD

Title: Direct sulphation roasting of chalcopyrite to recover copper values from its concentrate
Source: D NML/IRM
Report No: EXP 13494263
Location: B/C/6/C/95/1
Keywords: Chalcopyrite
Copper
Year: 1995
MFN: 1422ARCHIV.MST

Author: Prakash, Swatantra
Title: Mathematical simulation of silicon transport in the blast furnace
Source: D NML/IRM
Report No: EXP 07493259
Location: B/C/6/C/95/1
Keywords: Mathematical Simulation
Blast Furnaces
Year: 1995
MFN: 1423ARCHIV.MST

Author: Singh, R
Sinha, RK
Tiwary, YN
Chaudhuri, S
Prodhan, A
Dev, A
Title: Residual creep life assessment of service exposed main steam pipe of boiler No. 7B, NLC, Tamilnadu sponsored by Neyveli Lignite Corporation Limited Neyveli, <Tamil Nadu>
Source: D NML/IRM
Report No: IR11625086
Location: B/C/7/A/95/1
Keywords: Residual Life

creep

Pipes

Boilers

Year: 1995

MFN: 1424ARCHIV.MST

Author: Maulick, SC

Sil, SK

Kunwar, RN

Banerjee, B

Srivastava, JP

Ganguly, NN

Gupta, KK

Chakravorty, N

Title: Development of flowsheet for superconcentration of blue dust sample
received from Ghatkuri mines of Rungta mines (P) Ltd

Source: D NML/IRM

Report No: IR12824081

Location: B/C/7/A/95/1

Year: 1995

MFN: 1425ARCHIV.MST

Author: Ramachandra Rao, P; Chakravorty, N

Title: Evaluation of flowsheet for the <phosphatic soil> from Sukulu Hills,
<Uganda>

Source: D NML/IRM

Report No: IR12825085

Location: B/C/7/A/95/1

Year: 1995

MFN: 1426ARCHIV.MST

Author: ANC

Title: Removal of arsenic from groundwater using low cost materials

Source: D NML/IRM
Report No: Misc R/95/1
Location: B/C/6/B/95/2
Keywords: Groundwater
Arsenic
Year: 1995
MFN: 1427ARCHIV.MST

Author: Chattoraj, I
Mitra, A
Title: Environmental effects on and electrochemical characterization of
nanocrystalline ferromagnetic alloys
Source: D NML/IRM
Report No: Misc R/95/2
Location: B/C/6/B/95/2
Keywords: Nanomaterials
Year: 1995
MFN: 1428ARCHIV.MST

Author: Mitra, A
Rao, V
Chattoraj, I
Title: Micromagnetic study on ferromagnetic materials
Source: D NML/IRM
Report No: Misc R/95/3
Location: B/C/6/B/95/2
Keywords: Micromagnetic
Barkhausen
Year: 1995
MFN: 1429ARCHIV.MST

Author: Biswas, PK

Title: Magnesium metal Matrix composite by liquid metallurgy technique
Source: D NML/IRM
Report No: OLP 09231
Location: B/C/6/C/95/1
Keywords: Magnesium
Metal Matrix Composite
Year: 1995
MFN: 1430ARCHIV.MST

Author: Ghosh, BN
Title: Property enhancement in laminated composite of cast iron and mild steel through thermomechanical treatments
Source: D NML/IRM
Report No: OLP 09531
Location: B/C/6/C/95/1
Keywords: Cast Iron
Year: 1995
MFN: 1431ARCHIV.MST

Author: Ghosh, BN
Title: Property enhancement in laminated composite of cast iron and mild steel through thermomechanical treatments
Source: D NML/IRM
Report No: OLP 09531
Location: B/C/6/C/95/1
Keywords: Cast Iron
Year: 1995
MFN: 1432ARCHIV.MST

Author: Bahadur, A
Title: Residual stress measurement on welded samples/components by various methods
Source: D NML/IRM

Report No: OLP 09831
Location: B/C/6/C/95/1
Keywords: Residual Stress
Year: 1995
MFN: 1433ARCHIV.MST

Author: Rao, V
Tata Steel
Title: Development of materials for portable and hydrogenerators
Source: D NML/IRM
Report No: IR10326097
Location: B/C/6/96/C/1
Keywords: Generators
Year: 1996
MFN: 1434ARCHIV.MST

Author: Tiwary, YN
Title: Residual life assessment of <FCCU> <reactor plate>
Source: D NML/IRM
Report No: IR11626094
Location: B/C/6/D/96/1
Keywords: Residual Life
Year: 1996
MFN: 1435ARCHIV.MST

Author: Ray, AK
Title: Mechanical property evaluation and life prediction of service exposed D1-FPU <distillation column>, <Bharat Petroleum> <Bombay>, <Maharashtra>
Source: D NML/IRM
Report No: IR11626095
Location: B/C/6/C/96/1
Keywords: Mechanical Properties

Year: 1996

MFN: 1436ARCHIV.MST

Author: Choudhuri, S

Calcutta Electric Supply

Title: Metallurgical Assessment for remaining life estimation of economiser tube
for B
W 60 MW Boiler

Source: D NML/IRM

Report No: IR11626096

Location: B/C/6/96/C/1

Keywords: Remaining Life

Year: 1996

MFN: 1437ARCHIV.MST

Author: Maulik, SC

Title: Beneficiation and Zinc extraction studies of <Ganesh Himal> Ore, <Nepal>

Source: D NML/IRM

Report No: IR12326088

Location: B/C/6/96/1

Keywords: Beneficiation

Zinc

Extraction

Year: 1996

MFN: 1438ARCHIV.MST

Author: Bhagat, RP

Title: Development of Flowsheet using Gravity and Magnetic separators for Quality
Production of Bauxite for refractory Purpose

Source: D NML

Report No: IR12326089

Location: B/C/6/96/1

Keywords: Separators

Year: 1996

MFN: 1439ARCHIV.MST

Author: Chakraborty, DM

Title: Beneficiation of <Phosphatic Soil> Sample from <Uganda> and production of concentrate for evaluation

Source: D NML

Report No: IR12626091

Location: Display

Keywords: Beneficiation

Year: 1996

MFN: 1440ARCHIV.MST

Author: Maulik, SC

Title: Beneficiation of Iron Ore and Synthesis of High Quality Soft Ferrites

Source: D NML/IRM

Report No: IR12626092

Location: B/C/6/C/96/1

Keywords: Ferrites; Beneficiation; Iron Ores

Year: 1996

MFN: 1441ARCHIV.MST

Author: Rao, KV

Title: Characterisation and beneficiation of Tungsten Ore samples from Chhendapathar area of <Bankura> District, <West Bengal>

Source: D NML/IRM

Report No: IR12626093

Location: B/C/6/C/96/1

Keywords: Beneficiation; Tungsten Ores

Year: 1996

MFN: 1442ARCHIV.MST

Author: Banerjee, B.

Title: Studies on efficacy of multigravity separator for recovery of chromite from slime produced at <Sukinda> mines of <Tata Steel>

Source: D NML/IRM

Report No: IR12626098

Location: B/C/6/96/C/1

Keywords: Separator; Recovery; Chromite ores

Year: 1996

MFN: 1443ARCHIV.MST

Author: Banerjee, B

Directorate of Mines and Minerals WB(sponsor)

Title: Characterization of Gold Bearing rock and soil sample from Purulia, <West Bengal>

Source: D NML/IRM

Report No: IR12626099

Location: B/C/6/96/C/1

Keywords: Gold

Year: 1996

MFN: 1444ARCHIV.MST

Author: Maulik, SC

Title: Evaluation of physical characteristics of Iron Ore sample from Jhilling and <Langalota Mines> of M/S Essel Mining Industries, Barbil, <Keonjhar>, <Orissa>

Source: D NML/IRM

Report No: IR12826087

Location: B/C/6/96/1

Keywords: Iron Ores

Year: 1996

MFN: 1445ARCHIV.MST

Author: Maulik, SC

Title: Evaluation of physical characteristics of Iron Ore sample from Jhilling and <Langalota Mines> of M/S Essel Mining Industries, Barbil, <Keonjhar>, <Orissa>

Source: D NML/IRM

Report No: IR12826087

Location: B/C/6/96/1

Keywords: Iron Ores

Year: 1996

MFN: 1446ARCHIV.MST

Author: Pandey, BD

Title: Extraction of Zinc cobalt from sulphate solution of cobalt cake by <D2EHPA> in the processing of <Indian ocean> <nodules>

Source: D NML/IRM

Report No: Misc R/96/1

Location: B/C/6/C/96/3

Keywords: Extraction; Cobalt

Year: 1996

MFN: 1447ARCHIV.MST

Author: Kumar, Vinay

Title: Processing of Graphite Flotation concentrate and wolframite preconcentrate from <NMDC>, <Hyderabad>

Source: D NML/IRM

Report No: Misc R/96/2

Location: B/C/6/C/96/3

Keywords: Tungsten Ores; Ores; Graphite; Flotation

Year: 1996

MFN: 1448ARCHIV.MST

Author: Prabhakar, S

Title: Fines Flotation by Column/<Electro-Column> techniques

Source: NML (Madras Centre)/D NML/IRM

Report No: Misc R/96/3
Location: B/C/6/C/96/3
Keywords: Fines; Flotation
Year: 1996
MFN: 1449ARCHIV.MST

Author: Ray, AK
Title: Mechanical property evaluation and life prediction of service exposed <CCU reactor> plate
Source: D NML
Report No: NML/CIEP/95/WB1-1001
Location: B/C/6/96/1
Year: 1996
MFN: 1450ARCHIV.MST

Author: Pandey, BD
Title: Bioprocessing of copper converter slag for recovery of copper, nickel and cobalt <Hindustan Copper Ltd> Ghatsila, <West Bengal>
Source: D NML/IRM
Report No: OLP 04931
Location: B/C/6/96/C/2
Keywords: BioLeaching; Recovery; copper; Nickel; Cobalt
Year: 1996
MFN: 1451ARCHIV.MST

Author: Bahadur, A
Title: Residual stress measurement on welded samples/components by various methods
Source: D NML/IRM
Report No: OLP 09831
Location: B/C/6/96/C/2
Keywords: Residual Stress
Year: 1996

MFN: 1452ARCHIV.MST

Author: Dev, SC

Singh, Inder

Title: Corrosion behaviour of silver based brazing filler alloy

Source: D NML/IRM

Report No: OLP 11631

Location: B/C/6/96/C/2

Keywords: Corrosion; Silver Alloy

Year: 1996

MFN: 1453ARCHIV.MST

Author: Choudhuri, S

Title: Creep and stress rupture behaviour of zirconium -2.5 Niobium pressure tube material

Source: D NML/IRM

Report No: IR11327105

Location: B/C/6/97/B/1

Keywords: Zirconium

Year: 1997

MFN: 1454ARCHIV.MST

Author: Singh, R

Title: Metallurgical assessment of service exposed pendent superheater tubes of stage 4 , unit 1

Source: D NML/IRM

Report No: IR11627104

Location: B/C/6/97/B/1

Year: 1997

MFN: 1455ARCHIV.MST

Author: Saha, P

Title: Sintering studies on iron ore fines from <Goa>

Source: D NML/IRM
Report No: IR12627100
Location: B/C/6/97/B/1
Keywords: Iron Ores; Fines
Year: 1997
MFN: 1456ARCHIV.MST

Author: Srivastava
Pathak, PN
Mathur, BS
Srikanth, S

Title: Report on processing of Mica concentrate from <Hindustan Zinc> Ltd,
<Udaipur>

Source: D NML/IRM
Report No: IR12627101
Location: B/C/6/97/B/1
Keywords: Mica; Pelleting
Year: 1997
MFN: 1457ARCHIV.MST

Author: Singh, R
Title: Studies on pre concentration of <Domiasiat> , <Meghalaya> uranium ore by
froth flotation

Source: D NML/IRM
Report No: IR12627102
Location: B/C/6/97/B/1
Keywords: Uranium Ores; Flotation
Year: 1997
MFN: 1458ARCHIV.MST

Author: Prasad, S
Sengupta, SK
Rafiuddin, S

Bandopadhyay, ML

Title: Beneficiation studies on silica sand samples from M/S A V Equipments,
<Mumbai>

Source: D NML/IRM

Report No: IR12627103

Location: B/C/6/97/B/1

Keywords: Sand; Beneficiation

Year: 1997

MFN: 1459ARCHIV.MST

Author: Singh, R

Title: Probing studies on concentration of off grade fluorspar samples

Source: D NML/IRM

Report No: IR12627108

Location: B/C/6/97/B/1

Keywords: Fluorspar; Concentration

Year: 1997

MFN: 1460ARCHIV.MST

Author: Singh, R

Title: Recommendations towards improvement in flotation plant performance of
<Chaibasa> Cement Works , of <ACC>, (<Bihar>)

Source: D NML/IRM

Report No: IR12827107

Location: B/C/6/97/B/1

Keywords: Limestone; Flotation Plants

Year: 1997

MFN: 1461ARCHIV.MST

Author: Rao,V Ramakrishna

Title: Extraction of magnesium through magnetherm process

Source: D NML/IRM

Report No: Misc R/97/1

Location: B/C/6/97/B/3

Keywords: Magnesium

Year: 1997

MFN: 1462ARCHIV.MST

Title: Synthesis of Manganese Zinc and Nickel Zinc Ferrites using beneficiated Iron Ore Fines from <Kudremukh>

Source: D NML/IRM

Report No: Misc R/97/2

Location: B/C/6/97/B/4

Keywords: Ferrites

Year: 1997

MFN: 1463ARCHIV.MST

Author: Prasad, S; Rao, KV; Singh, G; Singh, R; Murthy, DSR

Title: Selective separation of the precious metal containing pyrite from <chitradurga> copper ore for improved recovery of gold and silver

Source: D NML/IRM

Report No: OLP 06431

Location: B/C/6/97/B/2

Keywords: Gold; Silver; Separation; Pyrite

Year: 1997

MFN: 1464ARCHIV.MST

Author: Roy, N; Dash, B; Ghosh, RN

Title: Creep damage and life assessment of engineering components using finite element method

Source: D NML/IRM

Report No: OLP 06631

Location: B/C/6/97/B/3

Keywords: Finite Element Method; Creep

Year: 1997

MFN: 1465ARCHIV.MST

Author: Sondhi, SK; Tarafder, S; Tarafder, M; Dash, B
Title: Develop standard fracture mechanics relations for various specimen geometries under mixed mode I/II loading conditions
Source: D NML/IRM
Report No: OLP 06731
Location: B/C/6/97/B/2
Keywords: Fracture Mechanics
Year: 1997
MFN: 1466ARCHIV.MST

Author: Narang, SK; Sharma, TL
Title: Plating of metals with AC
Source: D NML/IRM
Report No: OLP 06931
Location: B/C/6/97/B/3
Keywords: Electroplating; Metal Finishing
Year: 1997
MFN: 1467ARCHIV.MST

Author: Chaudhary, PN
Title: Dephosphorisation of Fe-Mn-C-P alloys
Source: D NML/IRM
Report No: OLP 07331
Location: B/C/6/97/B/3
Keywords: Dephosphorization
Year: 1997
MFN: 1468ARCHIV.MST

Author: Kumar, (Dr.) Parvesh; Bose, AK; Das, S; Das, SK
Title: Acousto ultrasonic technique to assess the degree of (Consolidation) bonding of Alumina Ceramic
Source: D NML/IRM

Report No: OLP 07431
Location: B/C/6/97/B/2
Keywords: Ultrasonic
Year: 1997
MFN: 1469ARCHIV.MST

Author: Mishra, PN; Das, LN; Satyanarayan, NV; Akbar, SA; Ramachandra Rao, P
Title: Design of an environmental chamber for the characterisation of gas sensors
Source: D NML/IRM
Report No: OLP 07531
Location: B/C/6/97/B/2
Keywords: Gas Sensor
Year: 1997
MFN: 1470ARCHIV.MST

Author: Mishra, SK
Goel, RP
Das, S
Mondol, M
Ramachandra Rao, P
Title: Self propagating high temperature synthesis (<SHS>) of Titanium carbide
and Zirconium Boride
Source: D NML/IRM
Report No: OLP 07631
Location: B/C/6/97/B/3
Keywords: Titanium
Zirconium
Nitrides
Borides
Year: 1997
MFN: 1471ARCHIV.MST

Author: Sinha, Arvind
Title: Synthesis of reactive metal powder by chemical route
Source: D NML/IRM
Report No: OLP 07731
Location: B/C/6/97/B/2
Keywords: Nanomaterials
Year: 1997
MFN: 1472ARCHIV.MST

Author: Mukhopadhyay, NK
Murthy, GVS
Ray, AK
Minz, RK
Kumar, B Ravi
Title: Studies on structural of glassy , quasicrystalline and crystalline phases in Al base alloys
Source: D NML/IRM
Report No: OLP 07831
Location: B/C/6/97/B/2
Keywords: Quasicrystals
Year: 1997
MFN: 1473ARCHIV.MST

Author: Das, G
Title: Studies of Serration in the flow stress during deformation of AL-Mg alloys
Source: D NML/IRM
Report No: OLP 07931
Location: B/C/6/97/B/3
Keywords: Serrated yeilding
Year: 1997
MFN: 1474ARCHIV.MST

Author: Sinha, AN

Das, G

Singh, B

Bhattacharya, DK

Title: Identification and Quantification of inclusions/Phases in ferrous and non ferrous alloys

Source: D NML/IRM

Report No: OLP 08031

Location: B/C/6/97/B/3

Keywords: Alloys

Year: 1997

MFN: 1475ARCHIV.MST

Author: Pathak, LC

Title: Synthesis of Nanocrystalline ALN Powder

Source: D NML/IRM

Report No: OLP 08131

Location: B/C/6/97/B/3

Keywords: Nanomaterials

Nitrides

Year: 1997

MFN: 1476ARCHIV.MST

Author: Bodas, M

Ranganathan, S

Premchand

Kumar, Parvesh

Sinhababu, SK

Bhattacharya, S

Dasgupta, P

Title: Recovry of aluminium from aluminium dross by plasma process

Source: D NML/IRM

Report No: OLP 08231
Location: B/C/6/97/B/2
Keywords: Wastes
Recovery
Aluminum
Year: 1997
MFN: 1477ARCHIV.MST

Author: Kumar, Rakesh
Title: Metal recovery and characterization of red mud from <NALCO>
Source: D NML/IRM
Report No: OLP 08311
Location: B/C/6/97/B/3
Keywords: Wastes
Recovery
Year: 1997
MFN: 1478ARCHIV.MST

Author: Puvvada, GVK
Agrawal, A
Rao, AS
Ramachandra Rao, P
Title: Solvent extraction of gallium from HCL solutions using tributylphosphate and Aliquat 336
Source: D NML/IRM
Report No: OLP 08331B
Location: B/C/6/97/B/2
Keywords: Gallium
Solvent Extraction
Year: 1997
MFN: 1479ARCHIV.MST

Author: Rao, KV

Rao, PDP

Kunwar, RK

Chakraborty, N

Dutta, B

Title: Lowering of ash content in a noncoking coal from <Sasti> area, Ballanpur seam (Western region), Central Mine planning Design Institute Limite <CMPDIL>, <Ranchi>

Source: D NML/IRM

Report No: OLP 09731

Location: B/C/6/97/B/2

Keywords: Noncoking Coal

Year: 1997

MFN: 1480ARCHIV.MST

Author: Rao, KV

Rao, PDP

Singh, L

Title: Reduction of ash in a coke mixutre from M/S <Panyam Cements Hagari>, <Karnataka>

Source: D NML/IRM

Report No: RR448

Location: B/C/6/97/B/2

Year: 1997

MFN: 1481ARCHIV.MST

Author: IR12327106

Title: Bench scale beneficiation studies onn limestone samples from <ACC> Chaibasa <Bihar>

Source: D NML/IRM

Report No: Singh, R

Location: B/C/6/97/B/1

Keywords: Beneficiation

Limestone

Year: 1997

MFN: 1482ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Title: Failure Analysis of thrust pads

Source: D NML/IRM

Report No: CIEP 98/0045

Location: B/C/7/B/98/3

Keywords: Failure Analysis

Thrust Pad

Year: 1998

MFN: 1483ARCHIV.MST

Author: Bahadur, A

Bhattacharya, DK

Title: Evaluation of residual stress profiles in 5.56 mm brass ammunition cartridge cases

Source: D NML/IRM

Report No: CIEP 98/0054

Location: B/C/7/B/98/3

Keywords: Residual stress

Year: 1998

MFN: 1484ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Title: Analysis of Cu rods by SEM and Microanalysis by EDAX

Source: D NML/IRM

Report No: CIEP 98/008

Location: B/C/7/B/98/5

Keywords: SEM

Microanalysis

Failure analysis

Year: 1998

MFN: 1485ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Title: Analysis of Cu-Rods by SEM and Microanalysis by EDAX

Source: D NML/IRM

Report No: CIEP 98/008

Location: B/C/7/B/98/3

Keywords: Failure Analysis

Year: 1998

MFN: 1486ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Title: Failure analysis of compressor parts

Source: D NML/IRM

Report No: CIEP/98/009

Location: B/C/7/B/98/3

Keywords: Failure Analysis

Year: 1998

MFN: 1487ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Singh, Joga

Title: Investigation on burner and coal mill assembly

Source: D NML/IRM

Report No: CIEP/98/021

Location: B/C/7/B/98/3
Keywords: Failure Analysis
Year: 1998
MFN: 1488ARCHIV.MST

Author: Ghosh, Sukomal
Title: Production and standardisation of raw materials for artisanal <blacksmiths>
in rural sectors
Source: D NML/IRM
Report No: GAP 0011
Location: B/C/7/B/98/3
Year: 1998
MFN: 1489ARCHIV.MST

Author: Sengupta, SK
Title: Determination of work index of a sand sample for <INDALCO>
Source: D NML/IRM
Report No: IR12328114
Location: B/C/7/B/98/3
Keywords: Sand
Year: 1998
MFN: 1490ARCHIV.MST

Author: Rao, KV
Title: Determination of work index of a <feldspar> sample
Source: D NML/IRM
Report No: IR12328115
Location: B/C/7/B/98/3
Year: 1998
MFN: 1491ARCHIV.MST

Author: Premchand; Srikanth, S

Title: Recovery of copper, nickel and cobalt from Indian Oxide deposits
Source: D NML/IRM
Report No: ISC 93.2053.IN
Location: B/C/7/B/98/5
Keywords: Copper
Nickel
Cobalt
Recovery
Year: 1998
MFN: 1492ARCHIV.MST

Title: R
D/ECF projections of divisions for 1998-99
Source: D NML/IRM
Report No: Misc R/98/1
Location: B/C/7/B/98/2
Year: 1998
MFN: 1493ARCHIV.MST

Author: Maulik, SC
Srivastava, JP
Bhattacharya, KK
Singh, R
Prakash, S
Ramachandra Rao, P

Title: Tifac report on iron ore upgradation to reduce alumina and utilisation of fines
in sinter
Source: D NML/IRM
Report No: Misc R/98/2
Location: B/C/7/B/98/5
Keywords: Iron ores
upgrading
Sintering

Year: 1998

MFN: 1494ARCHIV.MST

Author: Singh, SR

Das, S

Das, SK

Bhattacharya, DK

Title: Microstructural /material aspects of steam drum failure at <R I L , Hazira>

Source: D NML/IRM

Report No: NML/MTC/CMERI/11.2

Location: B/C/7/B/98/3

Keywords: Failure Analysis

Steel Drum

Year: 1998

MFN: 1495ARCHIV.MST

Author: Sivaramakrishnan, CS

Title: Annual capacity estimation of induction furnaces

Source: D NML/IRM

Report No: NML/MTP/IND/98-1

Location: B/C/7/B/98/3

Keywords: Furnaces

Year: 1998

MFN: 1496ARCHIV.MST

Author: Chattoraj, I

Ray, AK

Chattopadhyay, A

Title: Effect of post weld heat treatment on hydrogen degradation of spirally welded pipeline steels

Source: D NML/IRM

Report No: OLP 006831

Location: B/C/7/B/98/1

Keywords: Corrosion

Hydrogen cracking

Year: 1998

MFN: 1497ARCHIV.MST

Author: Malaviya, SK

Title: Preparation
characterisation of Zirconia strenghtened alumina ceramics

Source: D NML/IRM

Report No: OLP 007031

Location: B/C/7/B/98/1

Keywords: Zirconia

Ceramics

Year: 1998

MFN: 1498ARCHIV.MST

Author: Chatterjee, B

Title: Refractory binders for the investment casting of <superalloys>

Source: D NML/IRM

Report No: OLP 007131

Location: B/C/7/B/98/1

Keywords: Refractories

Year: 1998

MFN: 1499ARCHIV.MST

Author: Bandopadhyay, D

Ganguly, RG

Pathak, LC

Das, SK

Kumar, B Ravi

Ramachandra Rao, P

Title: Synthesis of Al₂O₃-SiCw in situ composites through <SHS>

Source: D NML/IRM

Report No: OLP007231

Location: B/C/7/B/98/1

Keywords: Composites

Fabrication

Year: 1998

MFN: 1500ARCHIV.MST

Author: Bhattacharjee, S

Title: Chemical enrichment of <sukinda> chromite overburden containing low nickel for making value added products

Source: D NML/IRM

Report No: OLP 08431

Location: B/C/7/B/98/1

Keywords: Nickel

chromite

Year: 1998

MFN: 1501ARCHIV.MST

Author: Bhattacharjee, S

Title: Study on <herbal> metal adsorbing reagents

Source: D NML/IRM

Report No: OLP 08531

Location: B/C/7/B/98/1

Keywords: Adsorbents

Year: 1998

MFN: 1502ARCHIV.MST

Author: Singh, MN

Title: Zinc recovery from zinc dross- its utility

Source: D NML/IRM

Report No: OLP 08631

Location: B/C/7/B/98/1

Keywords: Zinc

Recovery

Year: 1998

MFN: 1503ARCHIV.MST

Author: Biswas, PK

Godiwalla, KM

Dev, SC

Sivaramakrishnan, CS

Title: Modelling of <particle dispersion> system for composite making by liquid metallurgy technique

Source: D NML/IRM

Report No: OLP 08831

Location: B/C/7/B/98/1

Keywords: Composites

Year: 1998

MFN: 1504ARCHIV.MST

Author: Goel, RP

Ramachandra Rao, P

Srikanth, S

Title: Estimation of thermodynamic properties of <liquid alloys> in the Cu-In Binary with the use of associated solution species

Source: D NML/IRM

Report No: OLP 09031

Location: B/C/7/B/98/1

Keywords: Thermodynamics

Year: 1998

MFN: 1505ARCHIV.MST

Author: Das, SK

Title: Improved computational <fluid dynamics> (CFD) analysis of the melt flow field and inclusion behaviour in a slab casting tundish

Source: D NML/IRM

Report No: OLP 09131

Location: B/C/7/B/98/1

Keywords: Continuous Casting

Year: 1998

MFN: 1506ARCHIV.MST

Author: Nag, A

Dash, RR

Dey, PK

Singh, PK

Title: Development of Pharmaceutical
Dye stuff Grade Cast Iron Powder

Source: D NML/IRM

Report No: OLP 09231

Location: B/C/7/B/98/1

Keywords: Cast Iron
Powder

Year: 1998

MFN: 1507ARCHIV.MST

Author: Sinhababu, SK

Dash, RR

Title: Utilization of colliery burden for mould /core making foundries

Source: D NML/IRM

Report No: OLP 09331

Location: B/C/7/B/98/1

Keywords: Colliery overburden

Year: 1998

MFN: 1508ARCHIV.MST

Author: Ray, AK

Pathak, LC

Das, SK

Kumar, B Ravi

Sivaramakrishnan, CS

Ramachandra Rao, P

Title: Synthesis of nitride ceramics powders using alkaline earth nitrides

Source: D NML/IRM

Report No: OLP 09431

Location: B/C/7/B/98/1

Keywords: Nitrides

ceramics

Year: 1998

MFN: 1509ARCHIV.MST

Author: Mishra, SK

Title: Sintering studies of TiC and ZrB₂ produced by self propagating high temperature synthesis

Source: D NML/IRM

Report No: OLP 09531

Location: B/C/7/B/98/1

Keywords: Carbides

Borides

Advanced Materials

Year: 1998

MFN: 1510ARCHIV.MST

Author: Sinha, Arvind

Title: Synthesis of nanocrystalline Fe-Ni-Co-Zr-B soft magnetic alloy by chemical route

Source: D NML/IRM

Report No: OLP 09631

Location: B/C/7/B/98/1

Keywords: Nanomaterials

Year: 1998

MFN: 1511ARCHIV.MST

Author: Minz, RK

Title: Study of Dephosphorization of high carbon liquid ferromanganese through flux injection

Source: D NML/IRM

Report No: OLP 09731

Location: B/C/7/B/98/1

Keywords: Dephosphorization

Ferromanganese

Year: 1998

MFN: 1512ARCHIV.MST

Author: Mathur, MN

Title: Development of dense synthetic <spinel> MgOAl₂O₃ grains

Source: D NML/IRM

Report No: OLP 09831

Location: B/C/7/B/98/1

Keywords: Refractories

Year: 1998

MFN: 1513ARCHIV.MST

Author: Singh, SR

Parida, N

Dey, PK

Basak, B

Title: Development of <Cu-Mn> based high damping capacity alloy

Source: D NML/IRM

Report No: OLP 10131

Location: B/C/7/B/98/1

Year: 1998

MFN: 1514ARCHIV.MST

Author: Chakraborty, SP

Title: Effect of manganese on engineering properties of ADI

Source: D NML/IRM

Report No: OLP 10331

Location: B/C/7/B/98/1

Keywords: Manganese

Year: 1998

MFN: 1515ARCHIV.MST

Author: Sagar, S

Title: Characterisation of cold rolled 304 stainless steel by magnetic techniques

Source: D NML/IRM

Report No: OLP 10431

Location: B/C/7/B/98/1

Keywords: Stainless steels

Magnetism

Year: 1998

MFN: 1516ARCHIV.MST

Author: Kumar, B Ravi

Bhattacharya, DK

Title: Estimation of retained austenite in steel components

Source: D NML/IRM

Report No: OLP 10531

Location: B/C/7/B/98/2

Keywords: X Ray Diffraction

Retained austenite

Steels

Year: 1998

MFN: 1517ARCHIV.MST

Author: Kumar, Seshu A

Title: Characterization of HAZ in a structural steel through simulation

Source: D NML/IRM

Report No: OLP 10631

Location: B/C/7/B/98/2

Keywords: Steels

Simulation

Year: 1998

MFN: 1518ARCHIV.MST

Author: Bahadur, A

Title: Measure the changes in X ray elastic constants as a function of cold deformation of stainless steels and its effects on residual stress evaluation

Source: D NML/IRM

Report No: OLP 10731

Location: B/C/7/B/98/2

Keywords: Stainless steels

Residual stress

Year: 1998

MFN: 1519ARCHIV.MST

Author: Srivastava, SC

Title: Development of a method to study the concentration of the combined state of atoms of the lighter elements with the help of X RAY fluorescence spectrometry

Source: D NML/IRM

Report No: OLP 10931

Location: B/C/7/B/98/2

Keywords: X Ray Fluorescence

Year: 1998

MFN: 1520ARCHIV.MST

Author: Ranganathan, S

Bodas, M

Premchand

Sinhababu, SK

Kumar, Parvesh

Title: Production of high purity zirconia from zircon sand using plasma technology

Source: D NML/IRM

Report No: OLP 11031

Location: B/C/7/B/98/2

Keywords: Zirconia

Year: 1998

MFN: 1521ARCHIV.MST

Author: Pathak, LC

Bandopadhyay, D

Das, SK

Kumar, B Ravi

Singh, KK

Ramachandra Rao, P

Title: Fabrication of Al₂O₃-SiC near net shape composite component by RH-SHS

Source: D NML/IRM

Report No: OLP 11131

Location: B/C/7/B/98/2

Keywords: Ceramic Matrix Composite

Year: 1998

MFN: 1522ARCHIV.MST

Author: Sondhi, SK

Srikanth, S

Ramachandra Rao, P

Title: Estimation of <Miedema's model> parameters from ab initio calculations

Source: D NML/IRM
Report No: OLP 11231
Location: B/C/7/B/98/2
Keywords: Thermodynamics
Year: 1998
MFN: 1523ARCHIV.MST

Author: Singh, KK
Kumar, Sanjay
Das, US
Ramachandra Rao, P

Title: Development of ceramic tiles from ferro chrome and other industrial wastes
Source: D NML/IRM
Report No: SSP0070
Location: B/C/7/B/98/5
Keywords: Industrial wastes
Ceramics
Year: 1998
MFN: 1524ARCHIV.MST

Author: Sil, SK
Title: Beneficiation of iron ore fines received from M/S Jindal strips Ltd. Barbil
<Orissa>
Source: D NML/IRM
Report No: SSP0074
Location: B/C/7/B/98/3
Keywords: Beneficiation
Iron Ores
Fines
Year: 1998
MFN: 1525ARCHIV.MST

Author: Trimex Industries(Sponsor)
Title: Beneficiation studies on low grade soda <feldspar> from <Gudur>, <Andhra Pradesh>
Source: D NML/IRM
Report No: SSP0076
Location: B/C/7/B/98/3
Keywords: Beneficiation
Year: 1998
MFN: 1526ARCHIV.MST

Author: Sarkhel, BR
Title: Sintering studies on iron ore fines from M/S <Bellary steels> alloys Ltd. <Karnataka>
Source: D NML/IRM
Report No: SSP0077
Location: B/C/7/B/98/3
Keywords: Iron Ores
Ores
fines
Year: 1998
MFN: 1527ARCHIV.MST

Author: Kumar, Seshu A
Title: Cold cracking susceptibility of ultra high strength steel determined by implant testing
Source: D NML/IRM
Report No: SSP0087
Location: B/C/7/B/98/3
Keywords: Welding
Year: 1998
MFN: 1528ARCHIV.MST

Author: Singh, DDN

Dey, AK

Sinha, AN

Bhakat, BC

Choudhary, VN

Title: Evaluation of corrosion resistance of galvanized coatings produced on steel surface through different routes

Source: D NML/IRM

Report No: TSP 0044

Location: B/C/7/B/98/5

Keywords: Corrosion resistance
coatings
steels

Year: 1998

MFN: 1529ARCHIV.MST

Author: Mitra, A

Sagar, S

Bhattacharya, DK

Title: Development of magnetic sensor for material characterisation

Source: D NML/IRM

Report No: GAP 0019

Location: B/C/7/C/99/4

Keywords: Sensors

Year: 1999

MFN: 1530ARCHIV.MST

Author: Singh, SR

Das, S

Title: Project completion report on microstructural characterization of aluminum alloy <DTD-5124> by transmission electron microscopy/EDS

Source: D NML/IRM

Report No: CIEP/98/57

Location: B/C/7/C/99/1

Keywords: Transmission electron microscopy
microstructure

Year: 1999

MFN: 1531ARCHIV.MST

Author: Das, Swapan

Gupta, KK

Bhattacharya, DK

Title: Failure analysis of ammunition components

Source: D NML/IRM

Report No: CIEP/99/072

Location: B/C/7/C/99/1

Keywords: Failure analysis

Year: 1999

MFN: 1532ARCHIV.MST

Author: Bahadur, A

Kumar, B Ravi

Bhattacharya, DK

Title: Residual stress analysis for improvement of life of 5.56mm brass ammunition
cartridge cases

Source: D NML/IRM

Report No: CIEP/99/076

Location: B/C/7/C/99/1

Keywords: Residual Stress

X ray Diffraction

Year: 1999

MFN: 1533ARCHIV.MST

Author: Das, Swapan

Title: Failure analysis of super heater tube

Source: D NML/IRM

Report No: CIEP/99/079
Location: B/C/7/C/99/1
Keywords: Failure analysis
Superheaters
Year: 1999
MFN: 1534ARCHIV.MST

Author: Parida, N
Kumar, P
Bhattacharya, DK
Title: Fatigue property evaluation of wheel rim steel
Source: D NML/IRM
Report No: CIEP/99/63
Location: B/C/7/C/99/1
Keywords: Fatigue
Wheels
Year: 1999
MFN: 1535ARCHIV.MST

Author: Das, SK
Bhattacharya, DK
Chattoraj, I
Title: Failure analysis of chlorine cylinder valve
Source: D NML/IRM
Report No: CIEP/99/64
Location: B/C/6/99/D/1
Keywords: Failure Analysis
Year: 1999
MFN: 1536ARCHIV.MST

Author: Bhattacharya, DK
Chattoraj, I

Das, SK

Kumar, B Ravi

Title: Failure analysis of condenser tubes

Source: D NML/IRM

Report No: CIEP/99/66

Location: B/C/7/C/99/1

Keywords: Failure analysis

Tubes

Year: 1999

MFN: 1537ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Title: Failure analysis of bolt

Source: D NML/IRM

Report No: CIEP/98/61

Location: B/C/7/C/99/1

Keywords: Failure analysis

Year: 1999

MFN: 1538ARCHIV.MST

Author: Das, SK

Bhattacharya, DK

Ghosh, S

Title: Investigation on metal component of disc insulator

Source: D NML/IRM

Report No: CIEP/99/58

Location: B/C/7/C/99/1

Keywords: Fracture Analysis

Year: 1999

MFN: 1539ARCHIV.MST

Author: Bhattacharya, DK

Tarafder, S

Das, SK

Parida, N

Mitra, A

Kumar, AS

Title: Metallurgical investigation and testing of Rail from the accident site of
Khanna, Punjab

Source: D NML/IRM

Report No: CIEP/99/60

Location: B/C/7/C/99/1

Keywords: Rail Steels

Testing

Year: 1999

MFN: 1540ARCHIV.MST

Author: Parida, N

Ranganathan, VR

Tarafder, S

Das, SK

Title: Acoustic emission studies on M250 maraging steel sponsred by Vikram
sarabhai space centre (VSSC) Thiruvananthpuram Component integrity
evaluation programme NML Jamshedpur

Source: D NML/IRM

Report No: CIEP/99/62

Location: B/C/7/C/99/1

Keywords: Acoustic Emission

Maraging Steels

Year: 1999

MFN: 1541ARCHIV.MST

Author: Chattoraj, I

Sondhi, SK

Kumar, B Ravi

Das, SK

Bhattacharya, DK

Title: Failure analysis of water cooled tubes in a re-heating furnace

Source: D NML/IRM

Report No: CIEP/99/65

Location: B/C/7/C/99/1

Keywords: Failure analysis

Tubes

Furnaces

Year: 1999

MFN: 1542ARCHIV.MST

Author: Ramachandra Rao, P

Maulik, SC

Title: Characterisation and Beneficiation of iron ore sample from Barsua

Source: D NML/IRM

Report No: CLP 0013

Location: B/C/7/C/99/2

Keywords: Beneficiation

Iron ores

Year: 1999

MFN: 1543ARCHIV.MST

Author: Ramachandra Rao, P

Singh, DDN

Title: Quick techniques to identify corrosion resistant steel (CRS) and sulphate resisting portland cement (SRPC)

Source: D NML/IRM

Report No: CNP 0042

Location: B/C/7/C/99/3

Keywords: Corrosion resistant steels

Year: 1999

MFN: 1544ARCHIV.MST

Author: Premchand

Pandey, BD

Agrawal, A

Sahu, KK

Title: State on the art report on study on metallic waste

Source: D NML/IRM

Report No: GAP 0031

Location: B/C/7/C/99/4

Keywords: Wastes

Year: 1999

MFN: 1545ARCHIV.MST

Author: Singh, KN

Bandopadhyay, D

Singh, SD

Singh, KK

Sanyal, D

Mohanty, AK

Title: Project completion report on dissolution kinetics of carbonaceous material in
<iron bath>

Source: D NML/IRM

Report No: Misc R/99/3

Location: B/C/7/C/99/7

Keywords: Kinetics

Year: 1999

MFN: 1546ARCHIV.MST

Author: Singh, R

Sengupta, SK

Prasad, SN
Srivastava, JP
Maulik, SC
Agrawal, A
Sahu, KK
Gorai, B
Premchand

Title: Probing studies on the use 1,1,3, Tri-Ethoxy butane as metal extractant and flotation reagent
Source: D NML/IRM
Report No: Misc R/99/2
Location: B/C/7/C/99/7
Keywords: Reagents
Year: 1999
MFN: 1547ARCHIV.MST

Author: Kumar, B Ravi
Bhattacharya, DK
Title: Residual stress analysis of shot blasted connecting rods of automobile
Source: D NML/IRM
Report No: MTC/CIEP/1/17/99
Location: B/C/7/C/99/1
Keywords: Residual stress
rods
Year: 1999
MFN: 1548ARCHIV.MST

Author: Ranganath, V R
Title: Consultancy report on Experimental Fracture Mechanics
Source: D NML/IRM
Report No: MTE/VR/P-2/99
Location: B/C/7/99/C/1

Keywords: Fracture Mechanics

Year: 1999

MFN: 1549ARCHIV.MST

Author: Tarafder, M

Tarafder, S

Sondhi, SK

Dash, B

Title: Computation of J integral using finite element method

Source: D NML/IRM

Report No: OLP 11831

Location: B/C/7/C/99/5

Keywords: J integral

Finite element method

Year: 1999

MFN: 1550ARCHIV.MST

Author: Sanyal, D

Ramachandra Rao, P

Gupta, P

Title: Numerical simulation of solidification and macrosegregation phenomena in binary alloy casting

Source: D NML/IRM

Report No: OLP 12031

Location: B/C/7/C/99/5

Keywords: Solidification

Year: 1999

MFN: 1551ARCHIV.MST

Author: Minz, RK

Vaish, AK

Humane, MM

Sharma, RK

Jha, CL

Title: Design and fabrication of magnesium plunger for de oxidation and de sulphurization of low carbon micro alloy steel

Source: D NML/IRM

Report No: OLP 12531

Location: B/C/7/C/99/5

Keywords: Deoxidizing

Desulfurizing

Year: 1999

MFN: 1552ARCHIV.MST

Author: Tiwary, YN

Singh, R

Sinha, RK

Title: Creep rupture and hardness properties of modified 9cr-1mo(t-91) ferritic steel

Source: D NML/IRM

Report No: OLP 13431

Location: B/C/7/C/99/5

Keywords: Creep rupture

Year: 1999

MFN: 1553ARCHIV.MST

Author: Narang, SK

Sharma, TL

Bhattamishra, AK

Title: Colouring of Stainless Steel with AC

Source: D NML/IRM

Report No: OLP 008731

Location: B/C/7/D/99/5

Keywords: Metal Finishing

Year: 1999

MFN: 1554ARCHIV.MST

Author: Tarafder, S

Tarafder, M

Ranganath, VR

Ray, KK

Title: Simulation of crack tip blunting

Source: D NML/IRM

Report No: OLP 10831

Location: B/C/7/D/99/5

Keywords: Fracture Mechanics

Year: 1999

MFN: 1555ARCHIV.MST

Author: Kumar, Vinay

Title: Studies on recovery of vanadium and titanium oxides from vanadiferous titaniferous magnetite ore of <Dublabera>, <Bihar>

Source: D NML

Report No: SSP0082

Location: B/C/7/99/C/6

Keywords: Vanadium

Extraction

Year: 1999

MFN: 1556ARCHIV.MST

Author: Ramachandra Rao, P

Bhattacharya, PK

Chattoraj, I

Sil, SK

Saha, P

Sarkhel, BR

Bhattacharya, KK

Sengupta, SK

Singh, R

Rao. KV

Kunwar, RK

Srivastava, JP

Chattopadhyay, A

Banerjee, B

Padhi, KK

Banerjee, ML

Kumar, A

Maulik, SC

Title: Development of process flowsheet for the recovery of values from barite waste samples of Kores (India) Ltd

Source: D NML/IRM

Report No: SSP0085 and SSP0091

Location: B/C/7/C/99/6

Keywords: Barite

Wastes

Year: 1999

MFN: 1557ARCHIV.MST

Author: Singh, DDN

Dey, AK

Gaur, B

Title: Recommending the best performing corrosion inhibitors for pickling bath of cold rolling mill of Tata iron steel company

Source: D NML/IRM

Report No: SSP0100

Location: B/C/7/C/99/6

Keywords: Corrosion

Inhibitors

Pickling

Year: 1999

MFN: 1558ARCHIV.MST

Author: Singh, DDN

Title: Evaluation and recommendation of CRS <rebars> for suitability of their use in concrete

Source: D NML/IRM

Report No: TSP 0063

Location: B/C/7/C/99/6

Keywords: corrosion resistance

Year: 1999

MFN: 1559ARCHIV.MST

Author: Dash, RR

Hansda, KL

Nag, A

Kumar, B Ravi

Das, Swapan

Chatterjee, B

Bhat, RR

Sivaramakrishnan, CS

Title: Preparation and characterisation of high temperature CMC from Alumino silicates

Source: D NML/IRM

Report No: GAP 0051

Location: B/C/7/C/99/4

Keywords: Ceramic Matrix Composite

Year: 1999

MFN: 1560ARCHIV.MST

Author: Murthy, GVS

Kumar, (Dr.)Parvesh

Parida, N

Bhattacharya, DK

Title: Microstructural characterization of heat treated steels by ultrasonic testing

Source: D NML/IRM

Report No: OLP 13031

Location: B/C/7/C/99/5

Keywords: Ultrasonic Testing

Attenuation

Velocity

Year: 1999

MFN: 1561ARCHIV.MST

Author: Dash, RR

Nag, A

Chowdhury, SK

Title: Production of hydrogen reduced iron powder from selected iron oxide and its sintering characteristics for PM application

Source: D NML/IRM

Report No: OLP 14031

Location: B/C/7/C/99/5

Keywords: Sintering

Iron Oxide

Year: 1999

MFN: 1562ARCHIV.MST

Author: Murthy, DSR

Rao, KV

Rao, AS

Guha, C

Title: Processing of precious metal containing ore of <Purulia> <West Bengal> for the recovery of precious metals

Source: D NML/IRM

Report No: OLP 14731

Location: B/C/7/C/99/5

Keywords: Flotation

Precious metals

Leaching

Year: 1999

MFN: 1563ARCHIV.MST

Author: Kumar, Rakesh

Mathur, SB

Alex, TC

Srivastava, JP

Choudhury, VN

Title: Role of mechanochemical activation in the processing of bauxite by the bayer Process

Source: D NML/IRM

Report No: OLP 14631

Location: B/C/7/C/99/5

Keywords: Red Mud

Bayer Process

Environmental pollution

Year: 1999

MFN: 1564ARCHIV.MST

Author: Gaur, B

Dash, RR

Singh, DDN

Nag, A

Title: Development of a process for the production of high purity cobalt powder

Source: D NML/IRM

Report No: OLP 14931

Location: B/C/7/C/99/5

Keywords: Cobalt

Metal Powders

Year: 1999

MFN: 1565ARCHIV.MST

Author: Kumar, B Ravi

Mitra, A

Das, S

Bahadur, A

Bhattacharya, DK

Title: Evaluation of residual stress of gray cast iron cylinder block

Source: D NML/IRM

Report No: CIEP/99/0078

Location: B/C/7/C/99/1

Keywords: Residual Stress

X Ray Diffraction

Cylinder Blocks

Year: 1999

MFN: 1566ARCHIV.MST

Author: Singh, SR

Das, Samar

Title: Project completion report on Microstructural characterization of Aluminium alloy <DTD-5124> by transmission electron microscopy/EDS.

Source: D NML/IRM

Report No: CIEP/98/57

Location: B/C/7/C/99/1

Keywords: Transmission electron microscopy
microstructure

Year: 1999

MFN: 1567ARCHIV.MST

Author: Singh, TB

Pathak, LC

Dey, AK

Singh, DDN

Ramachandra Rao, P

Title: Development of a process to synthesise polyaluminium chloride (PAC)

Source: D NML/IRM

Report No: OLP 11731

Location: B/C/7/C/99/1

Keywords: Polyaluminium chloride

Year: 1999

MFN: 1568ARCHIV.MST

Author: Choudhury, VN

Ganguly, NN

Mukherjee, BC

Banerjee, ML

Guha, C

Title: Complexometric determination of titanium, vanadium and aluminium in a mixture

Source: D NML/IRM

Report No: OLP 11531

Location: B/C/7/C/99/5

Keywords: Titanium

Vanadium

Aluminum

Titration

Year: 1999

MFN: 1569ARCHIV.MST

Author: Das, SK

Title: Thermal Modelling of direct chill(DC) continuous casting process including nucleate boiling heat transfer

Source: D NML/IRM

Report No: OLP 11931

Location: B/C/7/C/99/5
Keywords: Continuous casting
Heat transfer
Thermal modelling
Year: 1999
MFN: 1570ARCHIV.MST

Author: Parida, N
Tarafder, S
Ranganath, VR
Title: Study on propagation of part through crack in pressure vessel steel
Source: D NML/IRM
Report No: OLP 12931
Location: B/C/7/C/99/5
Keywords: Fatigue
Ultrasonic testing
Year: 1999
MFN: 1571ARCHIV.MST

Author: Hore, Sheuli
Godiwalla, KM
Dash, Byomkesh
Title: Development of a computerised <materials database>
Source: D NML/IRM
Report No: OLP 12131
Location: B/C/7/C/99/5
Year: 1999
MFN: 1572ARCHIV.MST

Author: Ray, Ashok K
Roy, Nilima
Godiwalla, KM

Chaudhuri, S

Title: Thermomechanical modeling in crack propagation studies of thermal barrier coatings in power plant application

Source: D NML/IRM

Report No: OLP 13231

Location: B/C/7/C/99/5

Keywords: Thermal barrier coatings

Finite Element Method

Superalloys

Year: 1999

MFN: 1573ARCHIV.MST

Author: Swaminathan, J

Singh, Raghubir

Tarafder, S

Ranganath, V

Title: Studies on low cycle fatigue and creep interaction properties of modified 9 Cr-1Mo alloy

Source: D NML/IRM

Report No: OLP 13331

Location: B/C/7/C/99/5

Keywords: Low cycle fatigue

Year: 1999

MFN: 1574ARCHIV.MST

Author: Biswas, PK

Dev, SC

Godiwalla, KM

Sanyal, D

Title: Development of a technique to measure viscosity of solid liquid slurry

Source: D NML/IRM

Report No: OLP 13531

Location: B/C/7/C/99/5

Keywords: Viscosity

Slurry

Water Modeling

Year: 1999

MFN: 1575ARCHIV.MST

Author: Venkateswarlu, K

Pathak, LC

Ray, Ajoy Kumar

Sivaramakrishnan, CS

Ramachandra Rao, P

Title: Development of Al SiC Composite powder through atomisation technique

Source: D NML/IRM

Report No: OLP 13631

Location: B/C/7/C/99/5

Keywords: Atomisation

Composites

Year: 1999

MFN: 1576ARCHIV.MST

Author: Ray, Ajoy Kumar

Dev, SC

Sivaramakrishnan, CS

Das, SK

Title: Recovery of silver powder from used/scrap silver based alloys

Source: D NML/IRM

Report No: OLP 13731

Location: B/C/7/C/99/5

Keywords: Recovery

Silver

Year: 1999

MFN: 1577ARCHIV.MST

Author: Ray, AK

Mahanti, RK

Sivaramakrishnan, CS

Title: Development of low silver alloy for joining ceramic to metal/ceramic

Source: D NML/IRM

Report No: OLP 13831

Location: B/C/7/C/99/5

Keywords: ceramic bonding

Year: 1999

MFN: 1578ARCHIV.MST

Author: Sahoo, KL

Ghosh, S

Chakraborti, SP

Sinhababu, SK

Singh, HP

Rao, AS

Title: Production of quality iron from sponge iron fines/low grade scrap by using
thermit process.

Source: D NML/IRM

Report No: OLP 13931

Location: B/C/7/C/99/5

Keywords: Sponge iron

fines

thermit

Year: 1999

MFN: 1579ARCHIV.MST

Author: Sinhababu, SK

Dash, RR

Sahoo, KL

Singh, HP

Title: Studies on high temperature properties of chemically bonded foundry sands with addition of colliery overburden.

Source: D NML/IRM

Report No: OLP 14131

Location: B/C/7/C/99/5

Keywords: Foundry sand

Year: 1999

MFN: 1580ARCHIV.MST

Author: Gorai, B

Agrawal, A

Mathur, SB

Chaterjee, NN

Sircar, JK

Title: Bench scale data generation for effluent treatment and by-product recovery from the vanadium pentoxide plant.

Source: D NML/IRM

Report No: OLP 14431

Location: B/C/7/C/99/5

Keywords: Waste Management

Effluent Treatment

Recycling

Year: 1999

MFN: 1581ARCHIV.MST

Author: Puvvada, GVK

Chattoraj, I

Das, Swapan

Title: Electrowinning of gallium from caustic solutions

Source: D NML/IRM

Report No: OLP 14831

Location: B/C/7/C/99/5

Keywords: Gallium

Electrolysis

Recovery

Year: 1999

MFN: 1582ARCHIV.MST

Author: Sahoo, KL

Ghosh, Sukomal

Chakraborti, SP

Sinhababu, SK

Singh, HP

Rao, AS

Title: Development of alternative moulding material for <rural artisans>

Source: D NML/IRM

Report No: OLP 15031

Location: B/C/7/C/99/5

Keywords: Moulding

Year: 1999

MFN: 1583ARCHIV.MST

Author: Bahadur, A

Kumar, B Ravi

Ghosh Chowdhury, S

Lakra, BA

Bhattacharya, DK

Sivaprasad, S

Title: Effect of thermomechanical treatment on X Ray elastic constants in steels

Source: D NML/IRM

Report No: OLP 12631

Location: B/C/7/C/99/5

Keywords: HSLA

Steels

Residual Stress

X Ray Diffraction

Year: 1999

MFN: 1584ARCHIV.MST

Author: Singh, DDN

Singh, Joga

Kumar, Arun

Title: Evaluation and providing opinion about the suitability of CRS rebars for use in reinforcement concrete

Source: D NML/IRM

Report No: TSP 0058

Location: B/C/7/C/99/6

Keywords: Corrosion

Rebars

Year: 1999

MFN: 1585ARCHIV.MST

Author: Ghosh, RN

Das, Sapan

Ghosh Choudhury, S

Singh, KK

Kumar, Sanjay

Mishra, KK

Biswas, DK

Kumar, Arun

Title: Evaluation of the performing tube of Essar steel

Source: D NML/IRM

Report No: TSP 0061

Location: B/C/7/C/99/6

Keywords: Welded joints

Crack

Year: 1999

MFN: 1586ARCHIV.MST

Author: Singh, DDN

Title: Improvement of the quality of CRS Bars

Source: D NML/IRM

Report No: CNP 0051

Location: B/C/7/C/99/6

Keywords: Corrosion

Rebars

Year: 1999

MFN: 1587ARCHIV.MST

Author: Sivaramakrishnan, CS

Title: Report on annual capacity estimation of induction furnace conducted as per terms of reference of central excise, <Jamshedpur> <Bihar>

Source: D NML/IRM

Report No: NML/MTP/IND/98-1/Part-III

Location: B/C/7/C/99/7

Keywords: Induction Furnaces

Year: 1999

MFN: 1588ARCHIV.MST

Title: Testing of steel strips

Source: D NML/IRM

Report No: Investigation reply

Location: S/R/2/A/64/Env

Keywords: Strips

Year: 1964

MFN: 1589ARCHIV.MST

Title: Production of sponge iron

Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Sponge iron
Year: 1964
MFN: 1590ARCHIV.MST

Title: Testing of magnet steel sample
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Chemical analysis
Year: 1964
MFN: 1591ARCHIV.MST

Title: Investigation Report on PIG iron sample
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: pig iron
Year: 1964
MFN: 1592ARCHIV.MST

Title: Investigation on failure of super-heater Tube
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Tubes
Year: 1964
MFN: 1593ARCHIV.MST

Title: Lathe tool made from cast iron

Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Machine Tool
Year: 1964
MFN: 1594ARCHIV.MST

Title: Investigation of overheated steel tube sample.
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Tubes
Year: 1964
MFN: 1595ARCHIV.MST

Title: Material defect in forged spanners
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Machine tool
Year: 1964
MFN: 1596ARCHIV.MST

Title: Draft <Indian standard specification> for copper and brass strips and foils for radiator cores.
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Year: 1964
MFN: 1597ARCHIV.MST

Title: Testing of steel strips

Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Steel strips
Microphotograph
Year: 1964
MFN: 1598ARCHIV.MST

Title: Effect of Burchane-oxygen Vs. oxy-Acetylene cutting on steel plantes.
(graphs and photographs)
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Year: 1964
MFN: 1599ARCHIV.MST

Author: Gupte, PK
Title: Investigation on denting of brass tube of evaporator bodies at Mawana Sugar works, Mawana.
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env
Keywords: Tubes
Failure
Year: 1964
MFN: 1600ARCHIV.MST

Author: Gupte, PK
Title: Test report on high carbon steel rods used for drawing prestressed concrete wire
Source: D NML/IRM
Report No: Investigation reply
Location: S/R/2/A/64/Env

Keywords: Chemical Analysis

Rods

Year: 1964

MFN: 1601ARCHIV.MST

Author: Gupte, PK

Title: Investigation on splitting knife and shaving blade for tanning Machinery.

Source: D NML/IRM

Report No: Investigation reply

Location: S/R/2/A/64/Env

Keywords: Chemical analysis

Year: 1964

MFN: 1602ARCHIV.MST

Author: Arora, SM

Title: Chromising A survey

Source: D NML/IRM

Location: S/R/2/A/64/Env

Year: 1964

MFN: 1603ARCHIV.MST

Author: Rao, V

Mitra, A

Sinha, Arvind

Pramanik, S

Title: Characterisation of magnetic materials <Karnataka>

Source: D NML/IRM

Report No: TSP 0059

Location: BC/7/C/99/6

Keywords: Magnetic properties

Magnetic materials

Hysteresis

Year: 1999

MFN: 1604ARCHIV.MST

Author: Ramachandra Rao, P

Banerjee, HD

Ray, J

Ray, AK

Biswas, M

Title: Development of low cost <bamboo> composites as structural materials

Source: D NML/IRM

Report No: GAP 0016

Location: BC/7/C/99/4

Keywords: Polymers

Composites

Year: 1999

MFN: 1605ARCHIV.MST

Author: De, PK

Bhat, RR

Sivaramakrishnan, CS

Mallick, AK

Paul, KK

Mondal, MS

Chakraborty, SP

Mitra, BK

Das, US

Title: Mechanisation of blacksmiths' hammer and development of improved fuel efficient furnace for artisanal <blacksmiths>

Source: D NML/IRM

Report No: GAP 0023

Location: BC/7/C/99/4

Keywords: Furnaces

Year: 1999

MFN: 1606ARCHIV.MST

Author: Bhagat, RP

Singh, RP

Pandey, Siyaram

Tripathy, Tridip

Title: Adsorption desorption of polysaccharides of acrylamide copolymer on iron ore system and their correlation with flocculation

Source: D NML/IRM

Report No: GAP 0018

Location: BC/7/C/99/4

Keywords: Copolymers

polysaccharides

flocculation

iron ores

filtration

adsorption

Year: 1999

MFN: 1607ARCHIV.MST

Author: Iyer, GVR

Dash, RR

Singh, HP

Singh, DDN

Bhattacharya, DK

Sivaramakrishnan, CS

Title: Development of high strength <SG/CG iron> for disposal of nuclear wastes

Source: D NML/IRM

Report No: OLP 14231

Location: BC/7/C/99/5

Keywords: cast iron

corrosion resistantce

Radioactive waste

Year: 1999

MFN: 1608ARCHIV.MST

Author: Ranganathan, S

Ramachandra Rao, P

Title: Prediction of the phases formed the latent heat released and volume change during the continuous casting of steel

Source: D NML/IRM

Report No: CLP 0015

Location: BC/7/C/00/2

Keywords: Computer control

Phase transformations

Continuous casting

Steels

Year: 2000

MFN: 1609ARCHIV.MST

Author: Chakraborty, SP

Ghosh, S

Sivaramakrishnan, CS

Singh, HP

Bhat, RR

De, PK

Choudhuri, SP

Sengupta, KG

Title: Science and technolgy inputs to practising blacksmiths of rural sectors

Source: D NML/IRM

Report No: GAP 0010

Location: BC/7/C/99/4

Keywords: Rural Blacksmithy

Year: 1999

MFN: 1610ARCHIV.MST

Author: Bhattacharya, DK

Kumar, B Ravi

Das, Swapan

Title: Structural integrity and remaining life assessment of CRU reactors

Source: D NML/IRM

Report No: CIEP/99/0073

Location: BC/7/99/C/1

Keywords: Reactor

Remaining Life Assessment

Integrity assessment

Year: 1999

MFN: 1611ARCHIV.MST

Author: Singh, DDN

Ramachandra Rao, P

Title: Improving the corrosion resistance of tempcore rebars <Andhra Pradesh>

Source: D NML/IRM

Report No: SSP 0088

Location: BC/7/C/99/6

Keywords: Corrosion

Rebars

Corrosion protection

Year: 1999

MFN: 1612ARCHIV.MST

Author: Sinhababu, SK

Dash, RR

Singh, HP

Sivaramakrishnan, CS

Ghosh, S

Title: Quality assessment of sand for foundry application <Rajasthan>

Source: D NML/IRM

Report No: TSP 0057

Location: BC/7/C/00/6

Keywords: Foundry

Sand testing

Year: 1999

MFN: 1613ARCHIV.MST

Author: Parida, N

Ghosh Chowdhury, S

Das, SK

Kumar, P

Bhattacharya, DK

Title: Failure analysis of interceptor valve studs at 110MW 'D' station of sabarmati power station <Gujrat>

Source: D NML/IRM

Report No: CIEP/00/89

Location: BC/8/A/00/1

Keywords: Failure analysis

Valves

Interceptor

Year: 2000

MFN: 1614ARCHIV.MST

Author: Bodas, MG

Mathur, SB

Chatterjee, NN

Title: Effective utilisation of vanadium pentoxide plant effluent

Source: D NML/IRM

Report No: OLP 14531

Location: BC/7/D/99/5

Keywords: Effluents

Industrial Wastes

Vanadium

Sludge

Year: 1999

MFN: 1615ARCHIV.MST

Author: Bhattamishra, AK

Mukherjee, AN

Basu, DK

Singh, RK

De, PK

Narang, Sk

Title: Corrosion behaviour of carbon steels and aluminium alloys in sulphide and sulphurous media- A comparative study

Source: D NML/IRM

Report No: OLP 11631

Location: BC/7/C/99/5

Keywords: Corrosion

Carbon Steels

Year: 1999

MFN: 1616ARCHIV.MST

Author: Singh, DDN

Title: Development of criteria to assess the suitability of CRS bars for concrete reinforcement applications <Gujrat>

Source: D NML/IRM

Report No: SSP 0083

Location: BC/7/C/99/6

Keywords: Concrete reinforcement

Rebars

Corrosion

Year: 1999

MFN: 1617ARCHIV.MST

Author: Pandey, BD

Agrawal, A

Sahu, KK

Premchand

Title: Preparation of state of art report on studies on metallic waste

Source: D NML/IRM

Report No: GAP 0031

Location: BC/7/C/99/4

Keywords: Wastes

Effluents

Year: 1999

MFN: 1618ARCHIV.MST

Author: Das, SK

Godiwalla, KM

Title: State of the art report on high speed casting of steel slab

Source: D NML/IRM

Report No: CLP 0020

Location: BC/7/98/C/2

Keywords: Continuous Casting

Heat transfer

Fluid Dynamics

Flow oscillation

Steel slabs

Mould Powder

Year: 1998

MFN: 1619ARCHIV.MST

Author: Prakash, Swatantra

Singh, KK

Ramachandra Rao, P

Mishra, KK

Title: Blast furnace cooling, system in relation to different grade of the refractory

Source: D NML/IRM

Report No: CLP 0016

Location: BC/8/A/00/2

Keywords: Blast Furnace

Linings

Refractories

Staves

Plates

Cooling

Year: 2000

MFN: 1620ARCHIV.MST

Author: Singh, DDN

Title: Corrosion characteristics of tata steel rebars for use in National Stock exchange building of <Mumbai> <Maharashtra>

Source: D NML/IRM

Report No: TSP 0066

Location: BC/8/A/00/6

Keywords: Corrosion

Corrosion Resistance

Steel bars

Year: 2000

MFN: 1621ARCHIV.MST

Author: Singh, DDN

Title: Optimizing the performance of galvanized and corrugated (GC) sheets based on their corrosion resistance performace for different types of coating collected from various sources

Source: D NML/IRM

Report No: SSP 0109

Location: BC/8/A/00/6

Keywords: Corrosion resistance

Corrugated sheets

Sheets

Galvanized sheets

Year: 2000

MFN: 1622ARCHIV.MST

Author: Gangadharan , TK

Narasimhan, BRV

Sankaranarayanan, TSN

Raju, G Bhaskar

Ramachandra Rao, P

NML Madras Centre

Title: Studies on the improvement of compressive strength and abrasion resistance of tiles

Source: D NML/IRM

Location: BC/8/A/00/7

Keywords: Tile

Year: 2000

MFN: 1623ARCHIV.MST

Author: Parida, N

Ghosh Chowdhury, S

Das, SK

Kumar, P

Gupta, KK

Title: Material charcaterisation and failure analysis of <aero engine> components
Part I : Failure analysis of Main Drive shaft <Maharashtra>

Source: D NML/IRM

Report No: CIEP/99/082

Location: BC/8/A/00/1

Keywords: Wear

Microstructure

Chemical analysis

Couplings

Shafts

Nitriding

Cracking

Year: 2000

MFN: 1624ARCHIV.MST

Author: Parida, N

Ghosh Chowdhury, S

Das, SK

Murthy, GVS

Das, G

Bhattacharya, DK

Title: Material characterisation and failure analysis of <aero engine> components
Part II : Failure analysis of 8mm bolts (P / NO 55015 1522) <Maharashtra>

Source: D NML/IRM

Report No: CIEP 99/082

Location: BC/8/A/00/1

Keywords: Failure analysis

Testing

Bend Test

Bolts

Year: 2000

MFN: 1625ARCHIV.MST

Author: Singh, SR

Parida, N

Das, G

Bhattacharya, DK

Title: Material charcaterisation and failure analysis of <aero engine> components
Part III: Characterization of materials of TG-16 Turbo starter Blades
<Maharashtra>

Source: D NML/IRM

Report No: CIEP/99/082

Location: BC/8/A/00/1

Keywords: Superallos

Materials Characterizaton

Microstructure

Turbine Blades

Aerospace Engines

Year: 2000

MFN: 1626ARCHIV.MST

Author: NML Madras Centre

Mohan, V

Vijayaraghavan, K

Subba Rao, S

Prabhakar, S

Raju, G Bhaskar

Title: Studies on the beneficiation of Limestone <Andhra Pradesh>

Source: D NML/IRM

Report No: SSP 0111-3101

Location: BC/8/A/00/6

Keywords: Cement

Limestone

Beneficiation

Year: 2000

MFN: 1627ARCHIV.MST

Author: Prabhakar, S

Raju, G Bhaskar

Subba Rao, S

Mohan, V

Vijayaraghavan, K

Das, TVK

NML Madras Centre

Title: Semi commercial <column flotation> trials for the beneficiation of
<sillimanite>

Source: D NML/IRM

Report No: SSP 110-3101

Location: BC/8/A/00/6

Keywords: Flotation

Year: 2000

MFN: 1628ARCHIV.MST

Author: Sivaramakrishnan, CS

Title: Capacity estimation of induction furnaces

Source: D NML/IRM

Report No: NML/MTP/IND/2K/1

Location: BC/8/A/00/7

Keywords: Induction furnaces

Year: 2000

MFN: 1629ARCHIV.MST

Author: Tarafder, S

Das, Swapan

Ranganath, VR

Bhattacharya, DK

Title: Investigation on failure of propel crank of Marion Dragline

Source: D, NML/ IRM

Report No: CIEP 99/083

Project: CIEP

Location: BC/8/A/00/1

Keywords: Failure Analysis

Dragline

Propel Crank

Year: 2000

MFN: 1630ARCHIV.MST

Author: Sivaramakrishnan, CS

Title: Report on capacity estimation of induction furnaces; conducted as per terms of reference of Tayo-Yodogawa Limited

Source: D'NML/IRM

Report No: NML/MTP/IND/2k/1

Location: BC/8/A/00/7

Keywords: Furnaces

Induction furnace

Year: 2000

MFN: 1631ARCHIV.MST

Author: Singh, Raghubir

Sinha, SK

Sinha, RK

Swaminathan, J

Title: Failure analysis of water wall tubes of unit no 4
5 and super heater tube of unit no 5 of thermal power station II , Neyveli
Lignite Corporation, <Neyveli> <Tamil Nadu>

Source: D'NML/IRM

Report No: CIEP 99/68

Project:CIEP

Location: BC/7/D/99/1

Keywords: Failure analysis

Super heater tube

TubesSteels

Thermal power Plants

Year: 1990

MFN: 1632ARCHIV.MST

Author: Bhattamishra, A K
Chattoraj, I
Basu, DK
Title: HIC testing of BSK -46 samples
Source: D'NML/IRM
Report No: TSP 0062
Keywords: Hydrogen induced cracking
Pipeline steel
Year: 1999
MFN: 1633ARCHIV.MST

Author: Singh, Raghubir
Sinha, SK
Ranganath, VR
Sinha, AN
Sinha, RK
Title: Failure of 400 Kv D/C Jabalpur - <Itarsi>, <Madhya Pradesh> CKT No III and IV - Testing of tower materials thereof
Source: D'NML/IRm
Report No: Final Report
Project:Sponsored
Location: BC/7/C/98/
Keywords: Testing
Year: 1998
MFN: 1634ARCHIV.MST

Author: Kumar, B Ravi
Bhattacharya, DK
Title: Evaluation and correlation of residual stress pattern with respect to performance of automobile components
Source: D'NML/IRM
Report No: CIEP/99/0080

Project:sponsored

Location: BC/8/A/00/1

Keywords: Residual stress

Cylinder Block

Year: 2000

MFN: 1635ARCHIV.MST

Title: Residual life assessment of reheater , platen superheater and final super heater tubes of NTPC , <Korba> <Gujrat>

Source: D'NML/ IRM

Location: BC/8/A/00/7

Keywords: Residual Life

BoilerTubes

Year: 2000

MFN: 1636ARCHIV.MST

Author: Singh, SD

Biswas, DK

Mishra, KK

Title: Development and standardisation of a single flux meant for brass, copper and its alloys and gun metal

Source: D'NML/IRM

Report No: TSP 0065

Location: BC/8/A/00/4

Year: 2000

MFN: 1637ARCHIV.MST

Title: Investigation on remaining life assessment of primary reformer tubes of In - 519 Material for ammonia plant

Source: D'NML/IRM

Location: BC/8/A/00

Keywords: Remaining Life

Year: 2000

MFN: 1638ARCHIV.MST

Author: Sinha, PK

Aush, SC

Sengupta, PL

Dhananjayan, N

Title: Production of electrolytic and activated manganese dioxide simultaneously from a single flow sheet

Source: D'NML/IRM

Report No: FR 13428091

Location: BC/

Keywords: Electrolytic Manganese Dioxide

Year: 1988

MFN: 1639ARCHIV.MST

Author: Pandey, AM

Ramachandra Rao, P

Title: Development of aluminium dry cell

Source: D'NML/IRM

Report No: OLP 007831

Keywords: Aluminum

Dry Cell

Year: 1995

MFN: 1640ARCHIV.MST

Author: Prakash, Swatantra

Title: Mathematical simulation of silicon transport in the blast furnace

Source: D'nml/IRM

Report No: R N07493259

Keywords: Blast Furnace

Silicon Control

Year: 1995

MFN: 1641ARCHIV.MST

Author: Ray, Ashok Kumar

Mishra, KK

Choudhury, PN

Chakraborty, A

Singh, Baljite

Goutam, Das

Raghubir, Das

Ghosh, RN

Bhattacharyya, D K

Mohanty, ON (Tata Steel)

Avtar, Ram (Ranchi)

Verma, RS (Ranchi)

Title: Life extension of CRM rolls at RSP <Rourkela> <Orissa>

Source: D'NML/IRM

Report No: SS 11293233/Sail/34

NML/ CIEP/SSP/95

Project:SSP

Location: BC/

Keywords: Life extension

CRM Cold Rolling Mills

Year: 1995

MFN: 1642ARCHIV.MST

Title: Modelling of macrosegregation during solidification of binary alloys

Source: D'NML/IRM

Report No: OLP 006431

P N 03493237

Keywords: Binary Alloys

Macrosegregation

Solidification

Year: 1995

MFN: 1643ARCHIV.MST

Author: Rao, KV

Rao, P D Prasada

Kunwar, RK

Chakravorty, N

Dutta, Balram

Title: Lowering of ash content in a noncoking coal from Sasti area, Ballanpur seam
(Western region) CMPDIL by gravity and froth flotation techniques

Report No: OLP 009731

Year: 1996

MFN: 1644ARCHIV.MST

Author: Chakrabarti, BB

Chakravorty, N

Das, S

Ganguly, NN

Gupta, KK

Maulik, SC

Rao, V

Sil, SK

Srivastava, JP

Title: Charcterisation and superconcentration of magnetite and blue dust

Report No: P NO 12488088

Project:Expl

Keywords: Magnetite

Blue Dust

Year: 1989

MFN: 1645ARCHIV.MST

Author: Subramanian, C

Title: Inaugural Address: Union Minister of steel
Heavy Industries , at the international Symposium on " Recent Developments
in Iron
Steel Making at Jamshedpur on 4th February, 1963

Source: D'NML 4-11-2K

Location: Stack/1/63 Box

Year: 1963

MFN: 1646ARCHIV.MST

Author: Planning Division; National Mineral Development Corp

Title: Rakha Copper project - Phase I: A Technical and Economic feasibility study

Source: D'NML 4-11-2K

Location: Stack/1/66 Box

Keywords: Rakha
Copper Project

Year: 1966

MFN: 1647ARCHIV.MST

Author: Planning Division: National Mineral Development Corporation

Title: Rakha Copper project - Phase I: A Technical and Economic feasibility study
Part II 29 Plates

Source: D'NML 4-11-2K

Location: Stack/1/66 Box

Keywords: Rakha
Copper Project

Year: 1966

MFN: 1648ARCHIV.MST

Author: Iverson, H G

Title: Role of Metallurgical pilot plants in the United States

Source: D'NML 4 - 12 - 2k

Location: Stack/1/60 Box

Keywords: Pilot plant

Year: 1960
MFN: 1649ARCHIV.MST

Author: NML
Title: Report on the production of Magnesium Metal
Source: D NML 4-11-2k
Location: BC/2/D/62/4
Keywords: Magnesium
Year: 1962
MFN: 1650ARCHIV.MST

Author: NML
Title: <Nickel Free> Austenitic stainless steels
Source: D NML/IRM
Location: BC/3/A/63/3
Keywords: Stainless Steels
Austenitic Stainless Steels
Year: 1963
MFN: 1651ARCHIV.MST

Author: Altekar, Prof V A
Title: Indigenous Technology: Its status and future (Presidential Address)
Source: D'NML 4-11-2K
Location: Stack/1/77 Box
Year: 1977
MFN: 1652ARCHIV.MST

Author: Bhatnagar, SC
Hoda, SC
Title: Tools and manually worked equipment in agriculture
Source: D'NML 4-11-2K
Location: Library

Year: 1984
MFN: 1653ARCHIV.MST

Author: NML
Title: NML <Foundry Station> <Madras>
Source: D'NML 4-11-2K
Location: Stack/1/71 Box
Year: 1971
MFN: 1654ARCHIV.MST

Author: Rao, KNP
Lahiri, AK
Title: Corrosion in Chemical Industry
Source: D'NML 4-11-2K
Location: Stack/1/70 Box
Keywords: Corrosion
Year: 1970
MFN: 1655ARCHIV.MST

Author: Sikka, D B
Title: Hindustan Copper limited : Report on visit to metalliferous mines in Australia
Source: D'NML 4-11-2K
Location: Stack/1/70 Box
Year: 1970
MFN: 1656ARCHIV.MST

Author: NML
Title: Project document on augmentation of Mineral beneficiation and extraction Metallurgical facilities at National Metallurgical Laboratory
Source: D'NML 4-11-2K
Report No: IND/72/029/A/01/37
Location: BC/4/C/75/2

Keywords: Mineral Beneficiation

Year: 1975

MFN: 1657ARCHIV.MST

Author: Lahiri, AK

Rao, KNP

Title: Corrosion control in water and waste water engineering

Source: D'NML 4-11-2K

Location: Stack/1/71 Box

Year: 1971

MFN: 1658ARCHIV.MST

Title: Report of the technical committee on development of lead smelter plant at
<Tundoo> <Bihar>

Source: D'NML 4-11-2K

Location: Stack/1/71 Box

Keywords: Lead

Smelters

Year: 1971

MFN: 1659ARCHIV.MST

Author: Vishwanathan, PV

Subramanyam, N

Sankaran, C

Khangaonkar, PR

Altekar, VA

Title: Final report on the production of vanadium rich slag by electric smelting of
vanadium bearing titaniferous ores of Masanikere, Karnatka in 100 to per day
electric pig iron furnace and Oxygen blowing of the vanadium iron in L D
Converter at Visweswarayya Iron and steel Ltd <Bhadravathi> <Karnataka>

Source: D'NML 4-11-2K

Report No: RR393/79-M

Location: BC/5/A/79/2

Keywords: Vanadium

Titaniferous ores

Year: 1979

MFN: 1660ARCHIV.MST

Author: India. Department of Economic Affairs Ministry of Finance

Title: India (UNDP) Country programme 1 April 1972- 31 March 1979

Source: D'NML 4-11-2K

Location: Stack/1/71 Box

Year: 1971

MFN: 1661ARCHIV.MST

Author: NML

SAIL

Title: Feasibility report on 30,000 tonnes per annum sponge iron plant

Source: D'NML 4-11-2K

Location: Stack/1/74 Box

Keywords: Sponge Iron

Year: 1974

MFN: 1662ARCHIV.MST

Author: Hoda, MM

Title: Appropriate Technology Directory of : tools, Equipment, Machines , Plants ,
Processes and Industries V 1

Source: D'NML 4-11-2K

Location: Library

Year: 1977

MFN: 1663ARCHIV.MST

Author: NML

Title: Feasibility report on smelting of lead concentrate by NML - <ALNAMA>
process

Source: D NML/IRM

Location: Stack/1/78 Box

Keywords: Lead Smelting

Year: 1978

MFN: 1664ARCHIV.MST

Title: Indian Foundry Journal (v14 1
2)

Source: D'NML 4-11-2K

Location: Library

Year: 1968

MFN: 1665ARCHIV.MST

Title: An invitation for fruitful dialogue on problems of interest to iron and steel
plants

Source: D NML/IRM

Location: stack/1/box -80

Keywords: Iron and steel
Plants

Year: 1980

MFN: 1666ARCHIV.MST

Author: Chatterjee, Amit
Singh, BN

Title: Proceedings of international symposium on modern developments in
steelmaking, Jamshedpur

Source: D NML/IRM

Location: Stack/1/Box- 81

Keywords: Steelmaking

Year: 1981

MFN: 1667ARCHIV.MST

Author: Altekar, V A

Title: Report on the visit of Dr. V A Altekar to the Arab Republic of Egypt

Source: D NML/IRM
Location: BC/5/B/82/2
Keywords: Egypt
Year: 1982
MFN: 1668ARCHIV.MST

Author: Chakraborty, N
Title: Select Bibliography on Ferro Alloy production and its application 1979-1982
Source: D NML/IRM
Location: Stack/1/83/box
Keywords: Bibliography
Ferro Alloy
Year: 1983
MFN: 1669ARCHIV.MST

Author: Banerjee, S
Title: Country report for ASCA seminar on welding, casting and metal forming
Source: D NML/IRM
Location: Stack/1/84 Box
Year: 1984
MFN: 1670ARCHIV.MST

Title: Brief on metal powders group
Source: D NML/IRM
Location: Stack/1/85 Box
Year: 1985
MFN: 1671ARCHIV.MST

Title: Project Engineering
consultancy Services Group
Source: D NML/IRM
Location: Stack/1/85 Box

Year: 1985

MFN: 1672ARCHIV.MST

Title: Proceedings of seminar on research in India, Roorkee, Feb 27 1986

Source: D NML/IRM

Location: Stack/1/86 Box

Year: 1986

MFN: 1673ARCHIV.MST

Title: Proceedings of National Seminar on Mineral Processing and IX Annual technical convention of Indian Institute of mineral Engineers; Jamshedpur; 11 12 Mar 1985

Source: D NML/IRM

Location: Stack/1/85 Box

Year: 1985

MFN: 1674ARCHIV.MST

Author: DST

Title: Technology in Indian ABS , SAN and AES Resins Industry

Source: D NML/IRM

Location: Library

Year: 1986

MFN: 1675ARCHIV.MST

Title: Documented survey on metallurgical developments

Source: D NML/IRM

Location: Library

Year: 1986

MFN: 1676ARCHIV.MST

Author: Ministry of Energy

Title: Technology upgradation and modernisation in the power sector

Source: D NML/IRM

Location: Stack/1/86-box

Year: 1986

MFN: 1677ARCHIV.MST

Author: Shahni, MJ

Title: Microbiological extraction of metals

Source: D NML/IRM

Location: Stack/1/86 Box

Year: 1986

MFN: 1678ARCHIV.MST

Title: Lab automation workshop organised by computer society of India and Iron and steel Division of Indian Inst of Metals

Source: D NML/IRM

Location: Stack/1/86 Box

Year: 1986

MFN: 1679ARCHIV.MST

Author: Ministry of Defence

Title: Defence research and development: products processes and technologies

Source: D NML/IRM

Location: Stack/1/86 Box

Year: 1986

MFN: 1680ARCHIV.MST

Author: PID CSIR

Title: NML know how on aluminium

Source: D NML/IRM

Location: Stack/1/87 Box

Year: 1987

MFN: 1681ARCHIV.MST

Author: Boussard, P
Title: Maxi quality steels in minimills
Source: D NML/IRM
Location: Library
Year: 1987
MFN: 1682ARCHIV.MST

Title: Annual Report of the Japan Society for technology of plasticity
Source: D NML/IRM
Location: Library
Year: 1987
MFN: 1683ARCHIV.MST

Author: Rama Rao, P
Acharyulu, SLN
Bhattacharjee, GS
Sarma, B
Bagchi, TP
Title: Development of tungsten resources management
Source: D NML/IRM
Location: Stack/1/87 Box
Year: 1987
MFN: 1684ARCHIV.MST

Author: Ministry of Energy
Title: Scientists Advisory committee: notice for second meeting
Source: D NML/IRM
Location: Stack/1/87 Box
Year: 1987
MFN: 1685ARCHIV.MST

Title: NML: Susangati ki khoj Mein : Nideshak ki Report 1988-89 (Hindi)

Source: D NML/IRM
Location: Stack/1/88 Box
Year: 1988
MFN: 1686ARCHIV.MST

Title: Intoduction of the Japan Welding Society
Source: D NML/IRM
Location: Library
Year: 1986
MFN: 1687ARCHIV.MST

Title: Position paper on NML 1988-2000
Source: D NML/IRM
Location: Stack/1/88 Box
Year: 1988
MFN: 1688ARCHIV.MST

Author: Ministry of Sciencce and Technology;Department of Scientific and Industrial Research
Title: Technology evaluation and norms study in aluminium industry: a study prepared under technology absorption and adaptation scheme (TAAS)
Source: D NML/IRM
Location: Stack/1/88 Box
Year: 1988
MFN: 1689ARCHIV.MST

Author: SINTEF
NML
Title: Non metallic inclusions in steel;Jamshedpur; 21st and 22nd Dec
Source: D NML/IRM
Location: Stack/1/88 Box
Year: 1988
MFN: 1690ARCHIV.MST

Author: Ghosh, Sukomal
Title: Development of an appropriate technology for rural <brass and bell> metal
(B B M) artisans
Source: D NML/IRM
Report No: 10804706
Location: BC/6/A/88/3
Keywords: Rural artisans
Year: 1988
MFN: 1691ARCHIV.MST

Author: Rigler, G
Rauter, B
Title: Automation of continuous casting machines
Source: D NML/IRM
Location: Library
Year: 1987
MFN: 1692ARCHIV.MST

Author: Haritash, N
Jain, A and others
Title: S
T Discussions in parliament perceptions of MPs
Source: D NML/IRM
Location: Stack/1/89 Box
Year: 1989
MFN: 1693ARCHIV.MST

Author: Dept. of Steel
Mines
Title: Minutes and recommendations of conference to evolve threshold value of
Mineral rejects held at Nagpur on 25 th
26 th Oct 1989
Source: D NML/IRM

Location: Library
Year: 1989
MFN: 1694ARCHIV.MST

Author: Min . of Steel
Mines
Title: Report of the committee on compilation of information on Geo technical
properties of rock
Source: D NML/IRM
Location: Library
Year: 1989
MFN: 1695ARCHIV.MST

Title: Status of Management of technology in SAIL
Source: D NML/IRM
Location: Library
Year: 1989
MFN: 1696ARCHIV.MST

Author: Indian Inst of Mineral Engineers
Title: Third short term refresher course on classification and concentration, Puri,
10- th 17th December 1989
Source: D NML/IRM
Location: Stack/1/89 Box
Year: 1989
MFN: 1697ARCHIV.MST

Title: Int Conference on Base Metals Technology, 8th 10h February (Proc
Souvenir)
Source: D NML/IRM
Location: Stack/1/89 Box
Year: 1989
MFN: 1698ARCHIV.MST

Author: Shahani, M J et al
Title: Published papers ... a selection
Source: D NML/IRM
Location: Stack/1/89 Box
Year: 1989
MFN: 1699ARCHIV.MST

Title: Indo French Round Table on steel Industry, Tata Steel ;1989 5th - 6th June
Source: D NML/IRM
Location: Stack/1/89
Year: 1989
MFN: 1700ARCHIV.MST

Author: Dept of Scientific
Industrial Research
Title: Third national conference on in house R
D in Industry, New Delhi, 28th 29th Dec
Source: D NML/IRM
Location: Stack/1/89 Box
Year: 1989
MFN: 1701ARCHIV.MST

Author: Dept. of Scientific and Industrial Research
Title: National Awards for R
D efforts in Industry 1994
Source: D NML/IRM
Location: Library
Year: 1994
MFN: 1702ARCHIV.MST

Title: Nuclear fuel complex : the first two decades
Source: D NML/IRM

Location: Library

Year: 1990

MFN: 1703ARCHIV.MST

Title: ASCA seminar on welding , Casting and Metal Forming : Tokyo, Japan 1990
Country reports

Source: D NML/IRM

Location: Library

Year: 1990

MFN: 1704ARCHIV.MST

Author: Indian Astronomical Society

M P Birla Planetarium

S N Bose National Centre for basic Sciences

Asiatic Society

Title: International symposium on MN Saha, S N Bose and NR sen: contributions to
astrophysics and impact

Source: D NML/IRM

Location: Library

Year: 1995

MFN: 1705ARCHIV.MST

Title: Lloyds Register : Annual Review

Source: D NML/IRM

Location: Library

Year: 1994

MFN: 1706ARCHIV.MST

Title: 33 rd National Metallurgists' Day and 49th Annual technical meeting, Calcutta,
14 - 17th Nov 1995, Ca

Source: D NML/IRM

Location: Stack/1/95 Box

Year: 1995

MFN: 1707ARCHIV.MST

Author: MECON

Title: Development of 2w/5w Thermoelectric generator from indigenous semiconducting mineral viz Galena ore

Source: D NML/IRM

Location: Library

Year: 1993

MFN: 1708ARCHIV.MST

Author: MECON

Title: Studies on sinterability of chromite overburden and production of low alloy steel or stainless steel using the sintered overburden

Source: D NML/IRM

Location: Library

Year: 1993

MFN: 1709ARCHIV.MST

Author: Tata research and design centre

Title: Engineering foundation conference on particle Science and Technolgy in the 21st Century, Pune, 17-21 Dec

Source: D NML/IRM

Location: Library

Year: 1995

MFN: 1710ARCHIV.MST

Author: IIT Kharagpur; Dept of Metallurgical and Materials Engineering

Title: Composit '96

Source: D NML/IRM

Location: Library

Year: 1996

MFN: 1711ARCHIV.MST

Author: DMRL
Title: 2nd Discussion meeting on progress and prospects of Electroslag technologies in India (Souvenir)
Source: D NML/IRM
Location: Library
Year: 1994
MFN: 1712ARCHIV.MST

Author: Birla Technical Services
Title: Iron powder production project : in collaboration with tsnichemet and maximet of USSR
Source: D NML/IRM
Location: Library
Year: 1991
MFN: 1713ARCHIV.MST

Title: Scientific values and excellence in Science: proc of seminar held at INSA ,Apr 18 , 1989
Source: D NML/IRM
Location: Library
Year: 1989
MFN: 1714ARCHIV.MST

Title: CSIR golden jubilee programme (pamphlet)
Source: D NML/IRM
Location: Stack/1/92 Box
Year: 1992
MFN: 1715ARCHIV.MST

Author: JAIN, SS
Gupta ,AK
Khanna, SK

Title: FEPNLE model for evaluation and design of overlays for flexible pavements,
Reprint from the Journal of Indian roads Congress

Source: D NML/IRM

Location: Library

Year: 1988

MFN: 1716ARCHIV.MST

Author: Jain, SS

Gupta, AK

Khanna, SK

Title: Application of a rational approach for structural design and strengthening of
flexible pavements (Reprint from Journal Indian Roads Congress)

Source: D NML/IRM

Location: Library

Year: 1990

MFN: 1717ARCHIV.MST

Author: Jain, SS

Gupta, AK

Rastogi, S

Title: Study of influencing parameters for efficient maintenance management of
flexible pavements (preprint from the journal)

Source: D NML/IRM

Location: Library

Year: 1992

MFN: 1718ARCHIV.MST

Author: Jain, SS

Gupta, AK

Rastogi, S

Title: Study of influencing parameters for efficient maintenance management of
flexible pavements

Source: D NML/IRM

Location: Library
Year: 1992
MFN: 1719ARCHIV.MST

Author: Jain, SS
Gupta, AK
Khanna, SK

Title: Application of a rational approach for structural design and strenthening of flexible pavements.(Preprint from J of Indian road Congress 1990)

Source: D NML/IRM
Location: Library
Year: 1990
MFN: 1720ARCHIV.MST

Author: Mecon
Title: Development of an under burden probe for blast furnace
Source: D NML/IRM
Location: Library
Year: 1994
MFN: 1721ARCHIV.MST

Author: MECON
Title: Development of 6 - high cold rolling mill
Source: D NML/IRM
Location: Library
Year: 1994
MFN: 1722ARCHIV.MST

Title: Comments on techno market survey on recovery from Industrial wastes scrap batteries (Loose Papers)
Source: D NML/IRM
Location: Library
MFN: 1723ARCHIV.MST

Author: Sinha, PP

Arumugham, S

Nagarajan, KV

Title: Influence of repair welding...fracture properties (x Copy from welding research supplement p 391-s p396s

Source: D NML/IRM

Location: Library

Year: 1993

MFN: 1724ARCHIV.MST

Author: Sharma, SC

Herlach, DM

Sinha, PP

Title: Entrapment of disorder in drop tube processed Ni3Al X copy from Scripta Met v28,1365-1370,1993

Source: D NML/IRM

Location: Library

Year: 1993

MFN: 1725ARCHIV.MST

Author: SreeKumar, K

Natarajan, A

Sinha, PP

Nagarajan, KV

Title: Microstructural aspects of weld repair in 18 Ni 1800 MPa maraging steel. (X copy from J of Material Science 1992 p 3817 3820)

Source: D NML/IRM

Location: Library

Year: 1992

MFN: 1726ARCHIV.MST

Author: Sinha, PP

Sreekumar, K

Babu, NS

Pant, B

Natarajan, A

Nagarajan, KV

Title: Development of heat treatment parameters to improve fracture toughness and grain size of an embrittled maraging steel. (X copy from J Heat treating 1992 , p125-131

Source: D NML/IRM

Location: Library

Year: 1992

MFN: 1727ARCHIV.MST

Author: Tharian, KT et al

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Source: D NML/IRM

Location: Library

Year: 1991

MFN: 1728ARCHIV.MST

Author: Sinha, PP

Sreekumar, K

Natarajan, A

Nagarajan, KV

Title: Grain growth in 18 Ni 1800 MPa maraging steel (X copy J of Materials Science 1991 p 4155-4159

Source: D NML/IRM

Location: Library

Year: 1991

MFN: 1729ARCHIV.MST

Author: Sreekumar, K

Natarajn, A

Title: Stress corrosion failure of high strength aluminium alloy valve body (X copy
Pract Met 28 1991, 179-183)

Source: D NML/IRM

Location: Library

Year: 1991

MFN: 1730ARCHIV.MST

Author: K Mathew John

Sreekumar, K

Natarajan, AR

Title: Application of Nondestructive metallography in materials processing and
quality control. (X copy Pract Met 1991;p 285- 294)

Source: D NML/IRM

Location: Library

Year: 1991

MFN: 1731ARCHIV.MST

Author: Diwakar, V

Natarajan, A

Arumugham, S

Lakshmanan, T S

Title: Fractography of burst tested maraging steel pressure chamber. (X copy of
pract Met 1990, p 413-420)

Source: D NML/IRM

Location: Library

Year: 1990

MFN: 1732ARCHIV.MST

Author: Sinha, PP

Natarajan, A

Nagarajan, KV

Sarkar, BK

Title: Development of a new grade of stainless maraging steel and its aging characteristics (Transactions of the IIM v35 2)

Source: D NML/IRM

Location: Library

Year: 1982

MFN: 1733ARCHIV.MST

Title: Maraging Steel : Lab to Launch a recollection. (X copy from met news

Source: D NML/IRM

Location: Library

MFN: 1734ARCHIV.MST

Author: Jha, A K et. al

Title: Stress corrosion cracking of maraging steel band (Prakt. Metallography 1994 p144 - 150

Source: D NML/IRM

Location: Library

MFN: 1735ARCHIV.MST

Author: Jain , SS

Gupta, AK

Khanna, SK

Title: Development and application of a computer simulation model for rationalization and management of urban bus routes in India; (X copy of Journal of the transportation research group)

Source: D NML/IRM

Location: Library

MFN: 1736ARCHIV.MST

Author: Mattheck, C and Burkhardt, S

Title: New method of structural shape optimization based on biological growth, Int J Fatigue 1990, v12 (3), p 185-190

Source: D NML/IRM

Location: library

Year: 1990

MFN: 1737ARCHIV.MST

Author: Mattheck, C

Title: Engineering components grow like trees (X copy Matt wiss u Werkstofftech)
v21 143-168; 1990

Source: D NML/IRM

Location: Library

Year: 1990

MFN: 1738ARCHIV.MST

Title: Bharati Process File

Source: D NML/IRM

Location: Library

MFN: 1739ARCHIV.MST

Author: RRL, Bhubaneswar

Title: R
D profile programme budget for a decade 1990-2000

Source: D NML/IRM

Location: Stack/1/90 Box

Year: 1990

MFN: 1740ARCHIV.MST

Title: Workshop on modelling of metallurgical processes: 23rd January 1990

Source: D NML/IRM

Location: Stack/1/90 Box

Year: 1990

MFN: 1741ARCHIV.MST

Title: 46th Annual session of the Sri Lanka Association for the advancement of
science :Colombo;3rd Dec 1990; address by Dr. A P Mitra

Source: D NML/IRM

Location: Stack/1/90 Box

Year: 1990

MFN: 1742ARCHIV.MST

Title: Technology in Indian sponge iron industry

Source: D NML/IRM

Location: Stack/1/90 Box

Year: 1990

MFN: 1743ARCHIV.MST

Title: Workshop on modern methods of chemical analysis for minerals and metals, 1991

Source: D NML/IRM

Location: Stack/1/91 Box

Year: 1991

MFN: 1744ARCHIV.MST

Title: NML's Achievements in the last five years: director's special report

Source: D NML/IRM

Location: Stack/1/91 Box

Year: 1991

MFN: 1745ARCHIV.MST

Author: Ministry of Sc.
Tech

FICCI

Title: Sixth National conference on in house R
D in industry, New Delhi, 26-27th Nov

Source: D NML/IRM

Location: Stack/1/92 Box

Year: 1992

MFN: 1746ARCHIV.MST

Title: Eighth five year plan 1992-97 and annual plan 1995-96, 2V
Source: D NML/IRM
Location: Stack/1/92 Box
Year: 1992
MFN: 1747ARCHIV.MST

Author: Dept. of Scientific and Industrial Research
MECON

Title: Vacuum Metallurgy
Secondary refining of steel: study Report
Source: D NML/IRM
Location: Stack/1/92 Box
Year: 1992
MFN: 1748ARCHIV.MST

Author: DSIR
Title: Technology status report (under national register of foreign collaborations)
on Copper Industry
Source: D NML/IRM
Location: Stack/1/94 Box
Year: 1994
MFN: 1749ARCHIV.MST

Author: Vaish, AK
Bhattacharya, AP
Title: Indigenous technology development for low Aluminium ferro silicon using
carbon dioxide injection method
Source: D NML/IRM
Location: BC/6/A/88/3
Year: 1988
MFN: 1750ARCHIV.MST

Author: IIM

MRSI

Title: Conference on perspectives in Materials Science; 1995; 18-20 Dec

Source: D NML/IRM

Location: Stack/1/95 Box

Year: 1995

MFN: 1751ARCHIV.MST

Author: Department of Scientific
Industrial Research

Title: Research and development in Industry - an Overview

Source: D NML/IRM

Location: Stack/1/94 Box

Year: 1994

MFN: 1752ARCHIV.MST

Author: DMRL

Title: Advanced Electroslog technologies (Pamphlet)

Source: D NML/IRM

Location: Stack/1/94 Box

Year: 1994

MFN: 1753ARCHIV.MST

Title: Boiler corrosion : proceedings of the national workshop NWBC 95;11-12
April 1995

Source: D NML/IRM

Location: Stack/1/95 Box

Year: 1995

MFN: 1754ARCHIV.MST

Author: Department of Sc
Industrial Research

Title: Eigth national conference on In House R
D in Industry

Source: D NML/IRM
Location: Stack/1/95 Box
Year: 1995
MFN: 1755ARCHIV.MST

Author: RRL, Bhubaneshwar
Title: Report on Impact and prediction of heavy metal pollution in and around iron ore mines in <Orissa>(period 1993-96) : for ministry of Environment and forest

Source: D NML/IRM
Location: Stack/1/96 Box
Keywords: pollution
heavy metal
Year: 1996
MFN: 1756ARCHIV.MST

Author: Kumar, Surendra
De, PK
Bhat, RR
Lakra, BA
Mohanti, RK
Das, S

Title: Development of clad metal laminates using roll bounding techniques and numerical simulation of the related processes.

Source: D NML/IRM
Report No: OLP 16531
Location: BC/8/A/00/5
Keywords: Clad Metal
Roll Bonding
Numerical Simulation
Year: 2000
MFN: 1757ARCHIV.MST

Author: Ghosh Choudhary, S

Ravi Kumar, B

Kumar, S

Singh, AK

Title: Textural development in AISI 316 stainless steel during cold rolling and annealing.

Source: D NML/IRM

Report No: GAP 0026

Location: BC/8/A/00/4

Keywords: Texture

Stainless steels

Cold rolling

Annealing

AISI 316

Year: 2000

MFN: 1758ARCHIV.MST

Author: Pandey, BD

Bagchi, D

Kumar, V

Agrawal, A

Premchand

Rao, AS

Title: Extraction of copper, Nickel and cobalt from sulphide concentrate of UCIL.

Source: D NML/IRM

Report No: OLP 16931

Location: BC/8/A/00/5

Keywords: Copper Recovery

Recovery

Nickel Recovery

Cobalt Recovery

Extraction

Pressure Leaching

leaching

Sulphide Concentrates

Year: 2000

MFN: 1759ARCHIV.MST

Author: Bahadur, A

Ravi Kumar,B

Bhattacharya, DK

Title: Effect of process parameters on residual stress of brass ammunition cartridge cases for enhanced performance.

Source: D NML/IRM

Report No: CIEP 2000/087

Location: BC/8/A/00/1

Keywords: Residual stress

brass cartridges

stress corrosion cracking

Year: 2000

MFN: 1760ARCHIV.MST

Author: Chattoraj, I

Mitra, A

Title: Environmental effects on and electro-chemical characterization of nanocrystalline ferromagnetic alloys.

Source: D NML/IRM

Report No: GAP 0021

Location: BC/8/A/00/5

Keywords: Electrochemical

nanocrystalline

ferromagnetic

Year: 2000

MFN: 1761ARCHIV.MST

Author: Sha, P

Chattoraj, US

Sil, SK

Maulic, SC

Bhagat, RP

Sokhel, BR

Bhattacharyya, KK

Mahapatro, AKS

Goswami, MC

Prakash, S

Singh, KK

Gangluy, NN

Chaudhury, VN

Title: Sintering studies on iron ore fines from M/s SESA Goa Limited, <Goa>

Source: D NML/IRM

Report No: SSP 0103

Location: BC/8/A/00/6

Keywords: Sintering

Fines

Iron ore fines

Year: 2000

MFN: 1762ARCHIV.MST

Author: Das Gautam

Title: Investigation on sub-surface cracks of continuous cast billet.

Source: D NML/IRM

Report No: NML/MTC/1.61/ISSA/2K-3

Location: BC/8/A/00/7

Keywords: Sub surface cracks

Billets

Year: 2000

MFN: 1763ARCHIV.MST

Author: Ray, AK

Pathak, LC

Venkateswarlu, K

Chaudhury, SK

Dev, SC

Mondal, MS

Prasad, SK

Das, SK

Sivaramakrishnan, CS

Title: Development of mixed metal powder for making the diamond polishing wheel.

Source: D NML/IRM

Report No: SSP 0098

Location: BC/8/A/00/6

Keywords: Thermal spray

Diamond tools

Powders

Year: 2000

MFN: 1764ARCHIV.MST

Author: Dasgupta, A

Chakrabarty, BB

Kumar, V

Jana, RK

Agrawal, A

Rao, AS

Title: Continuous leaching of SEA nodules with counter current decantation unit.

Source: D NML/IRM

Report No: OLP 16731

Location: BC/8/A/00/5

Keywords: Sea nodules

leaching

Recovery

Nickel Recovery

Copper Recovery

Cobalt Recovery

Year: 2000

MFN: 1765ARCHIV.MST

Author: Murthy, DS

Kumar, V

Rao, AS

Rao, KV

Guha, C

Rao, DS

Title: Processing of low grade gold ore of Karnataka for the recovery of precious metals.

Source: D NML/IRM

Report No: OLP 17131

Location: BC/8/A/00/5

Keywords: gold ores

Beneficiation

thiourea leaching

Recovery

Gold

Silver

Year: 2000

MFN: 1766ARCHIV.MST

Author: Sahu, KK

Prasad, S

Premchand

Maharaj, L

Title: Zinc recovery from zinc concentrate [scale: 5kg batch].

Source: D NML/IRM

Report No: TSP 059

Location: BC/8/A/00/6

Keywords: Electrowinning

Zinc

Electrolytic Manganese Dioxide

Year: 2000

MFN: 1767ARCHIV.MST

Author: Prasad, S

Guha, C

Maharaj, L

Title: Development of a process for the production of zinc powder from Industrial waste.

Source: D NML/IRM

Report No: OLP 17331

Location: BC/8/A/00/5

Keywords: Zinc powder

zinc dross

anodic feed materials

electrolysis

Powders

Year: 2000

MFN: 1768ARCHIV.MST

Author: Narasimhan, BRV

Sankaranaryanan, TSN

Bhaskar Raju, G

Title: Utilization of coir pith and coir pith derived activated carbons as adsorbents for the removal of toxic heavy metals.

Source: D NML/IRM

Report No: OLP 17631

Location: BC/8/A/00/5
Keywords: Heavy Metals
Removal
Coir Pith
Adsorbents
Year: 2000
MFN: 1769ARCHIV.MST

Author: Gangadharan, TK
Vijayanarayanan, KS
Narasimhan, BRV
Rajkumar, A
Rao, SS
Bhaskar Raju, G
Title: Development of activated alumina nodules.
Source: D NML/IRM
Report No: OLP 15131
Location: BC/8/A/00/5
Keywords: Activated Alumina
Year: 2000
MFN: 1770ARCHIV.MST

Author: Pathak, LC
Singh, TB
Chatterjee, S
Pathak, SK
Das, SK
Das, S
Kumar, R
Ramachandrarao, P
Title: Synthesis of high purity nano-crystalline ZnS powder by gas condensatopn
technique.

Source: D NML/IRM
Report No: OLP 16231
Location: BC/8/A/00/5
Keywords: Nanocrystalline
Zinc Sulphide
Ultrafine
powders
Year: 2000
MFN: 1771ARCHIV.MST

Author: Ray, AK
Roy, N
Godiwalla, KM
Mahanty, D
Chaudhuri, S
Title: Effects of elastic plastic deformation barrier coatings.
Source: D NML/IRM
Report No: OLP 16131
Location: BC/8/A/00/5
Keywords: Thermal barrier coatings
Superalloys
ElasticPlastic deformation
Finite element
Year: 2000
MFN: 1772ARCHIV.MST

Author: Singh, MN
Basu, DK
Bhattamishra, AK
Narang, SK
Title: Corrosion resistant electrodeposited zinc coating from zinc dross.
Source: D NML/IRM

Report No: OLP 15431
Location: BC/8/A/00/5
Keywords: Zinc Dross
Electrodeposition
Coatings
Corrosion
Year: 2000
MFN: 1773ARCHIV.MST

Author: Choudhury, SK
Ray, AK
Venkateswarlu, K
De, PK
Das, SK
Sivaramakrishanan, CS
Pathak, LC

Title: Development of aluminom based metal matrix composite through spray forming.

Source: D NML/IRM
Report No: OLP 16431
Location: BC/8/A/00/5
Keywords: Spray forming
Metal matrix composite
Aluminum
Year: 2000
MFN: 1774ARCHIV.MST

Author: Biswas, PK
Dev, SC
Godiwalla, KM
De, PK
Kumar, S

Title: Simulation of particle dispersion in metallic system.

Source: D NML/IRM

Report No: OLP 16631

Location: BC/8/A/00/5

Keywords: Simulation

Water modelling

Dispersion

Silicon carbide

Composites

Aluminum

Year: 2000

MFN: 1775ARCHIV.MST

Author: Pandey, BD

Mehta, KD

Rao, DS

Das, SK

Rao, AS

Mankhand, TR

Title: Biorecovery of Cu, Ni and Co from sea nodules.

Source: D NML/IRM

Report No: OLP 17031

Location: BC/8/A/00/5

Keywords: Sea Nodules

Pyrites

Biohydrometallurgy

Year: 2000

MFN: 1776ARCHIV.MST

Author: Agrawal, A

Sahu, KK

Pandey, BD

Premchand

Gorai, B

Metha, KD

Chakraborty, S

Title: Treatment of Industrial effluents for heavy metal removal using solid
Industrial wastes.

Source: D NML/IRM

Report No: OLP 14331

Location: BC/8/A/00/5

Keywords: Adsorption

Fly ash

Sea nodule residue

Red mud

Wastes

Year: 2000

MFN: 1777ARCHIV.MST

Author: Rao, KV

Kumar, TVV

Kumar, RK

Maulik, SC

Title: Flotation studies on coking coal sample from West Bokaro.

Source: D NML/IRM

Report No: OLP 15831

Location: BC/8/A/00/5

Keywords: Froth flotation

Coking coal

Year: 2000

MFN: 1778ARCHIV.MST

Author: Singh, SR

Bhattacharya, DK

Title: Post refurbishment microstructural assessment of first stage bucket offered by M/s Wood group heavy Industrial Turbines Ltd., U.K.

Source: D NML/IRM

Report No: NML/MTC/CIEP/1.60/3-1

Location: BC/8/A/00/1

Keywords: Superalloys

grain boundaries

turbine blades

Year: 2000

MFN: 1779ARCHIV.MST

Author: Pathak, SK

Das, S

Rao, PR

Title: Self propagating high temperature synthesis (SHS) of zirconium diboride.

Source: D NML/IRM

Report No: GAP 0034

Location: BC/A/8/00/4

Keywords: Borides

Self propagating high temperature synthesis

Year: 2000

MFN: 1780ARCHIV.MST

Author: Ranganathan, S

Title: Continuous casting of peritectic grades of steel- A state of the ART report.

Source: D NML/IRM

Report No: CLP 0017

Location: BC/8/A/00/4

Keywords: continuous casting

Peritectic

Year: 2000

MFN: 1781ARCHIV.MST

Author: Raghavan, KV

Mohan, V

Ramachandrarao, P

NML Madras Centre

Title: Reverse flotation studies on limestone samples from Madukari cement works.

Source: D NML/IRM

Location: BC/8/A/00/7

Keywords: Limestone

Reverse Flotation

Year: 2000

MFN: 1782ARCHIV.MST

Author: Chaudhuri, S

Singh, R

Ranganath, VR

Das, G

Bhattacharya, S

Das, S

Das, Swapan

Title: Metallurgical investigation of turbine blade samples

Source: D NML/IRM

Report No: CIEP (SSP)2000/0100

Location: BC/8/A/00/1

Keywords: Turbine blades

Fatigue

Year: 2000

MFN: 1783ARCHIV.MST

Author: Gorai, B

Jana, RK

Khan, ZH

Chatterjee, NN

Title: Processing of Dust sample from Indian copper plant

Source: D NML/IRM

Report No: OLP 16831

Location: BC/8/A/00/5

Keywords: Copper Dust

Recovery

leaching

Roasting

Year: 2000

MFN: 1784ARCHIV.MST

Author: Singh, Raghubir

Sinha, SK

Chaudhuri, S

Ray, AK

Swaminathan, J

Title: Failure analysis of failed reformer tube samples <IFFCO><Uttar Pradesh>

Source: D NML/IRM

Report No: CIEP(SSP)/2000/096

Location: BC/8/A/00/1

Keywords: Failure analysis

Reformer tubes

Year: 2000

MFN: 1785ARCHIV.MST

Author: Chaudhuri, S

Title: Remaining life assessment of service exposed reformer tubes.(IFFCO
<Allahabad> <Uttar pradesh

Source: D NML/IRM

Report No: CIEP(SSP)2000/0095

Location: BC/8/A/00/1

Keywords: Remaining Life

Creep

Year: 2000

MFN: 1786ARCHIV.MST

Author: Singh, SR

Bhattacharya, DK

Title: Microstructural assessment of first stage bucket offered by M/s Wood group
Heavy Industrial Turbines Ltd UK <Ahemdabad> <Gujrat>

Source: D NML/IRM

Report No: NML/MTC/CIEP/1.60/3

Location: BC/8/A/00/1

Keywords: Superalloys

Turbine blades

Year: 2000

MFN: 1787ARCHIV.MST

Author: Goswami, MC

Prakash, S

Bahadur, A

Das, SK

Singh, Manjeet

Title: Iron carbide synthesis by gaseous reduction of iron ore fines

Source: D NML/IRM

Report No: OLP 15631

Location: BC/8/A/00/5

Keywords: Iron Carbide

Synthesis

Year: 2000

MFN: 1788ARCHIV.MST

Author: Singh, SR

Das, Swapan Kumar

Title: Investigation on clogging of <lubrication> <oil jets> of <MiG-27>
Aeroengines

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/03/2001

Location: BC/8/C/2001/1

Keywords: Failure analysis

Pitting Corrosion

Aeroengines

Year: 2001

MFN: 1789ARCHIV.MST

Author: Singh, R

Chaudhuri, S

Sinha, SK

Swaminathan, J

Tiwary, YN

Johri, P

Title: Remaining life assessment of primary reformer in 519 tubes of line-1 plant
<Madhya Pradesh>

Source: D NML/IRM

Report No: CIEP(SSP)/2000/0094

Location: BC/8/C/2001/1

Keywords: Yield strength

Remaining Life

Tubes

Year: 2001

MFN: 1790ARCHIV.MST

Author: Srivastava, JP and others

Title: Beneficiation studies on barite samples from <mangampet> mines <Andhra Pradesh>

Source: D NML/IRM

Report No: SSP 0101

Location: BC/8/B/2001/6

Keywords: Barite

specific gravity

gravity separation

flotation

Year: 2001

MFN: 1791ARCHIV.MST

Author: Bhattacharjee, S

Gupta, KK

Dasgupta, P

Dureja, V

Chakraborty, S

Title: <Groundwater> quality assessment of <sahebgunj> <Jharkhand> district
with special reference to arsenic

Source: D NML/IRM

Report No: GAP0042

Location: BC/8/B/2001/4

Keywords: Arsenic

Water

Pollution

Year: 2001

MFN: 1792ARCHIV.MST

Author: Bhattacharjee, S

Gupta, KK

Dasgupta, P

Ghosh, KC

Chakraborty, S

Bhattacharya, RN

Guha, C

Das, B

Das, SK

Title: Metal status of the soil, water and vegetables of Patamda: a study to provide contamination free higher crop production and unpolluted drinking water and Irrigation water

Source: D NML/IRM

Report No: GAP 0028

Location: BC/8/B/2001/4

Keywords: Water

Pollution

Soil

Year: 2001

MFN: 1793ARCHIV.MST

Author: Singh, SR

Das, Swapan Kumar

Title: Investigation on <foreign object damage>s in two R - 29 Aeroengines

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/02

Location: BC/8/B/2001/7

Keywords: Aerospace engines

Turbine Blades

Compressor Blades

Year: 2001

MFN: 1794ARCHIV.MST

Author: Singh, DDN

Singh, TB

Dey, AK

Title: Development of value added product out of pickling Effluent

Source: D NML/IRM

Report No: SSP 0093

Location: BC/8/B/2001/6

Keywords: Corrosion

primers (coatings)

pickling

effluents

Year: 2001

MFN: 1795ARCHIV.MST

Author: Sridhar, G

Parida, N

Das, SK

Das, G

kumar, P

Maondol, G

Bhattacharya, DK

Title: Failure investigation of Boiler re heater tube

Source: D NML/IRM

Report No: NML/MTC/1.60/AEC/4

Location: BC/8/B/2001/7

Keywords: Boiler Tubes

Year: 2001

MFN: 1796ARCHIV.MST

Author: Sahu, KK

Pandey, BD

Khan, ZH

Mathur, SB

Premchand

Title: Nickel recovery from spent nickel catalyst

Source: D NML/IRM

Report No: OLP-17231

Location: BC/8/B/2001/5

Keywords: Catalysts

Aluminothermic reactions

Thermic reduction

Carbothermic reactions

Year: 2001

MFN: 1797ARCHIV.MST

Author: Minj, RK

Murthy, GVS

Humane, MM

Singh, Manjeet

Title: Preparation and characterisation of Quasicrystalline materials

Source: D NML/IRM

Report No: OLP 17931

Location: BC/8/B/2001/5

Keywords: Crystals

Quasicrystalline structure

Year: 2001

MFN: 1798ARCHIV.MST

Author: Srinivasan, R

Gopala Krishna, K

Gopal Krishnan, R

Manoharan, TC

NML Madras Centre

Title: Development of high wear resistant boronizing coatings for steels

Source: D NML/IRM

Report No: OLP 17731

Location: BC/8/B/2001/5

Keywords: Boriding

wear resistance

Year: 2001

MFN: 1799ARCHIV.MST

Author: Singh, TB

Pathak, LC

Mishra, (Pathak), SK

Chatterjee, S

Ramachandrarao, P

Title: Deposition of aluminum coatings by electrolytic route

Source: D NML/IRM

Report No: OLP 15531

Location: BC/8/B/2001/5

Keywords: Electroplating

Nonaqueous electrolytes

Year: 2001

MFN: 1800ARCHIV.MST

Author: Bodas, MG

Saha, AK

Chatterjee, NN

Rao, AS

Singh, Manjeet

Title: Chemical upgrading of nickel bearing chromite ore overburden

Source: D NML/IRM

Report No: OLP 18131

Location: BC/8/B/2001/7

Keywords: Leaching

Alkaline Leaching

Year: 2001

MFN: 1801ARCHIV.MST

Author: Mallik, AK

Paul, KK

Godiwalla, KM

Babulal

Ghosh, MP

Chakravorty, BB

Mondal, MS

Ramachandrarao, P

Title: Development of Eco-Friendly closed multi pot furnace for glass melting
"Scientific
Technical Study

Source: D NML/IRM

Report No: GAP 0044

Location: BC/8/B/2000/4

Keywords: Glass

Furnace

Year: 2000

MFN: 1802ARCHIV.MST

Author: Sridhar, G

Choudhury, SG

Title: Behaviour of Low Carbon Free-Cutting Steels (Lead/Unleaded) during
Deterformation to Large Strains.

Source: D NML/IRM

Report No: OLP-12831

Location: BC/8/A/2001/

Keywords: Steels

Deformation

Fractography

Inclusions

Year: 2000

MFN: 1803ARCHIV.MST

Author: Sridhar, GS

Iyer, VR

Rao, VRK

Title: <Electro slag cladding> of dissimilar steels and study of the bond interface.

Source: D NML/IRM

Report No: OLP 12731

Location: BC/8/A/2000/5

Keywords: Refining

Joining

Welding

Year: 2000

MFN: 1804ARCHIV.MST

Author: Singh, SR

Parida, N

Dey, PK

Basak, B

Title: Damping characteristics of Cu-Mn based high damping capacity alloy

Source: D NML/IRM

Report No: OLP 13131

Location: BC/7/C/99/5

Keywords: Damping

Year: 1999

MFN: 1805ARCHIV.MST

Author: Singh, SR

Das, Samar

Title: Precipitation processes in Al-Zn-Mg-Cu alloys.

Source: D NML/IRM

Report No: OLP 16031

Location: BC/8/A/2000/5

Keywords: Aluminum base alloys

Year: 2000

MFN: 1806ARCHIV.MST

Author: Ghosh, RN
Bhattacharya, DK
Mitra, A
Das, Swapan
Kumar, Ravi B
Title: RLA of radiant coils of USC furnaces.
Source: D NML/IRM
Report No: CIEP (TSP)/2001/0108
Location: BC/8/B/2001/1
Keywords: Modelling
Remaining Life Assessment
Year: 2001
MFN: 1807ARCHIV.MST

Author: Parida, N
Das, SK
Das, G
Kumar, P
Trafader, S
Bhattacharya, DK
Title: Failure analysis of railroad wheel.
Source: D NML/IRM
Report No: CIEP(SSP)/2001/0109
Location: BC/8/B/2001/7
Keywords: Failure Analysis
Railroad Wheels
Year: 2001
MFN: 1808ARCHIV.MST

Author: Bhattacharya, KK
Title: Beneficiation of iron ore waste fines from Hospet, Karanataka.

Source: D NML/IRM
Report No: OLP 18031
Location: BC/8/B/2001/5
Keywords: Fines
Beneficiation
Iron Ores
Mobile plants
Year: 2001
MFN: 1809ARCHIV.MST

Title: Failure analysis of spline teenth of main drive shaft and coupling bevel gear.
Source: D NML/IRM
Report No: NML/MTC/IAF/FA/1
Location: BC/8/B/2001/7
Keywords: Failure analysis
Bevel Gear
Year: 2001
MFN: 1810ARCHIV.MST

Title: Failure analysis of spline teeth of main drive shaft and coupling bevel gear.
Source: D NML/IRM
Report No: NML/MTC/IAF/FA/Gear/3
Location: BC/8/B/2001/7
Keywords: Failure Analysis
Bevel Gears
Year: 2001
MFN: 1811ARCHIV.MST

Author: Gupta, KK
Bhattaqcharjee, S
Dasgupta, P
Chakravarty, S

Thakur, P

Title: Development of an ICP-OES technique for gold <hallmarking> as an alternative to fire assay technique.

Source: D NML/IRM

Report No: GAP 0047

Location: BC/8/B/2001/4

Keywords: Assaying

Year: 2001

MFN: 1812ARCHIV.MST

Author: Kumar, AS

Mallik, AK

Ghosh, MP

Mondal, MS

Sharma, RK

Jha, CL

Singh, U

Title: Development of special purpose specimen milling machine.

Source: D NML/IRM

Report No: SSP 0117

Location: BC/8/C/2001/6

Keywords: Milling Machine

Year: 2001

MFN: 1813ARCHIV.MST

Author: Ramachandrarao, P

Singh, TB

Pathak, LC

Verma, AK

Title: Production of nano-size alumina powder on higher scale.

Source: D NML/IRM

Report No: CLP 0001

Location: BC/7/B/97/4

Keywords: Nanomaterials

Powder metallurgy

Sol gel process

Year: 1997

MFN: 1814ARCHIV.MST

Author: Singh, SR

Das, SK

Singh, AK

Ghosh, RN

Title: Material indentification for indigenisation of bushings for bearing housing diaphragm of tubro cooler. (Under program on "life extension study: AN-32 Aircraft")

Source: D NML/IRM

Report No: NML MTC/IAF/1.13/09/2001

Location: BC/8/B/2001/7

Keywords: Steels

C-MN steel

Vickers hardness

Year: 2001

MFN: 1815ARCHIV.MST

Author: Singh, SR

Das, SK

Title: Invesigation of blockage of internal oil passage in front bearing housing (Pt. No. 5501515200 of Aero Engine (S No. 262582100066).

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/07/2001

Location: BC/8/B/2001/7

Keywords: Corrosion

Abrasive wear

Aerospace Engines

Year: 2001

MFN: 1816ARCHIV.MST

Author: Singh, SR

Das, SK

Title: Failure analysis of fuel pipe line (Pt. No. 551356140T) for cracks at nipple end fitted on R-29B Aero Engine IG-27 EX A/C TS-589.

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/06/2001

Location: BC/8/B/20001/7

Keywords: Aerospace Engines

Failure Analysis

Fatigue failure

Year: 2001

MFN: 1817ARCHIV.MST

Author: Singh, SR

Das, SK

Sahu, JK

Title: Material characterisation and tensile properties of main landing gear of AN-32 aircraft. (under program on "life extension study: AN-32 aircraft")

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/10/2001

Location: BC/8/B/2001/7

Keywords: Aerospace Engines

Material Characterisation

Tensile properties

Year: 2001

MFN: 1818ARCHIV.MST

Author: Maulick, S C

Chakravorty, N

Title: Field visit to magnesite deposits of karnataka for the proposed joint sector magnesite beneficiation joint

Source: D NML/IRM

Report No: IR 12822061

Location: BC/6/C/92/3

Keywords: Magnesite

Beneficiation

Year: 1992

MFN: 1819ARCHIV.MST

Author: Maulik, SC

Rao, S Mohan

Srivastava, JP

Chakravorty, N

Title: Beneficiation of Magnesite : a status report with special reference to <Karnataka> and <Tamil Nadu> Deposits

Source: D NML/IRM

Report No: Misc 92/R/2

Location: BC/6/C/92/3

Keywords: Magnesite

Beneficiation

Year: 1992

MFN: 1820ARCHIV.MST

Author: Chatterjee, B

Singh, KK

Mathur, NN

Gupta, K N

Title: Sintering studies on panthal magnesite from <Jammu and Kashmir>

Source: D NML/IRM

Report No: IR 07622059

Location: BC/6/C/92/3

Keywords: Magnesite

Year: 1992

MFN: 1821ARCHIV.MST

Author: De, T C

Sengupta, S K

Chakravorty, N

Title: Beneficiation studies on low grade kyanites samples from Jyotipahari, Sirboi mines of M/s department of mines and geology, <Bihar>

Source: D NML/IRM

Report No: IR 12621039

Location: BC/6/B/90/3

Keywords: Kyanite

Year: 1990

MFN: 1822ARCHIV.MST

Author: Chattoraj, U S

Title: Beneficiation studies of Bolani ores for modernisation of Durgapur Steel Plant

Source: D NML/IRM

Report No: IR 12620030

Location: BC/6/B/90/3

Keywords: Beneficiation

Year: 1990

MFN: 1823ARCHIV.MST

Title: Production of Iron Powder for autogenous cutting

Source: D NML/IRM

Report No: Misc

Location: BC/2/A/55/3

Year: 1955

MFN: 1824ARCHIV.MST

Title: Manufacture of ceramic Magnets

Source: D NML/IRM
Report No: Misc/2
Location: BC/2/A/55/3
Year: 1955
MFN: 1825ARCHIV.MST

Author: Kumar, Vinay
Saha, AK
Bagchi, D
Khan, Z H
Bodas, M G
Pandey, B D
Lal Maharaj

Title: Production of basic nickel carbonate from the ammoniacal leach liquor of overburden of chromite ore

Source: D NML/IRM
Report No: IR 13623069
Location: BC/6/D/93/3
Keywords: Chromium ores
Year: 1993
MFN: 1826ARCHIV.MST

Author: Pandey, J L
Banerjee, M K
Mukherjee, K P

Title: Influence of thermal cycling on oxidation and oxide spallation of Fe-Cr-Al-X alloys (X=Y,Zr)

Source: D NML/IRM
Report No: P R 05488076
Location: BC/6/A/88/3
Keywords: Thermal Cycling
Year: 1988
MFN: 1827ARCHIV.MST

Author: Maulik, SC

Sil, SK

Ganguly, NN

Kunwar, RK

Banerjee, B

Saha, A

Bhattacharyya, KK

Srivastava, JP

Title: Study on superconcentration of <blue dust> sample received from RDCIS, SAIL, <Ranchi>

Source: D NML/IRM

Report No: IR 12892004

Location: BC/6/C/92/3

Year: 1992

MFN: 1828ARCHIV.MST

Author: Singh, R

Banerjee, B

Singh, L

Chatterjee, A K

Chakravorty, N

Title: Studies on gravity concentration of a low grade red oxide sample from <Sahibganj>, <Bihar>

Source: D NML/IRM

Report No: IR 12822053

Location: BC/6/C/92/3

Keywords: Gravity Concentration

Year: 1992

MFN: 1829ARCHIV.MST

Author: Sengupta, S K

Rafiuddin, S

Chakravorty, N

Title: Beneficiation studies on a low grade wolframite sample from Chhendapahar
Wolfram mine, <West Bengal>

Source: D NML/IRM

Report No: IR 12621040

Location: BC/6/C/91/3

Keywords: Beneficiation

Wolframite

Year: 1991

MFN: 1830ARCHIV.MST

Author: Mahapatra, A K S

Prakash, S

Gupta, K N

Title: Evaluation of physico chemical characteristics of raw materials from M/s
Nagpur alloy casting limited, Nagpur

Source: D NML/IRM

Report No: IR 7624070

Location: BC/6/D/94/3

Year: 1994

MFN: 1831ARCHIV.MST

Author: Sil, S K

Maulik, S C

Chakravorty, N

Title: Determination of work Index of pyrolusite sample received from M/S Uranium
Corporation of India Limited, <Jadugoda> <UCIL> <Bihar>

Source: D NML/IRM

Report No: 12621041

Keywords: Work Index

Year: 1991

MFN: 1832ARCHIV.MST

Author: Chakravorty, N

Title: Bench Scale Beneficiation Studies on Scheelite Samples from <Bhutan> for Geological Survey of India

Source: D NML/IRM

Report No: IR 12628006

Location: BC/6/A/88/3

Keywords: Chakravorty, N

Year: 1988

MFN: 1833ARCHIV.MST

Author: Nijhawan, B R

Chatterjea, A B

Title: Iron production with non coking coals in low shaft furnace pilot plant at NML

Source: D NML/IRM

Report No: Misc/R/3/63

Location: BC/3/A/63/2

Keywords: Low shaft furnace

Year: 1963

MFN: 1834ARCHIV.MST

Author: Banerjee, B

Das, S K

Chakravorty, N

Title: Characterisation studies on gold sponsored samples from purulia Part 1

Source: D NML/IRM

Report No: IR 12814078

Location: BC/6/D/93/3

Keywords: Gold

Year: 1993

MFN: 1835ARCHIV.MST

Title: Decade of research and development

Source: D NML/IRM
Report No: Misc/80/R/5
Location: BC/5/A/80/2
Year: 1980
MFN: 1836ARCHIV.MST

Author: Singh, Joga
Title: Development of flotation reagent " AFSOD - 1" for beneficiating oxide ores
Source: D NML/IRM
Report No: Misc/93/R/3
Location: BC/6/D/93/3
Year: 1993
MFN: 1837ARCHIV.MST

Author: De, T C
Sengupta, S K
Chakravorty, N
Title: Beneficiation studies on three low grade kyanite samples from M/s IRL' S
magarmohan mines, <Orissa>
Source: D NML/IRM
Report No: IR 12629014
Location: BC/6/B/91/3
Year: 1991
MFN: 1838ARCHIV.MST

Author: Khangaonkar, P R
Bhaskar, Raju G
Vijayaraghavan
NML Madras Centre
Title: Cold bonded pellets from southern iron ores and lignite char
Source: D NML/IRM
Report No: R No 51421146

P NO 51487064

Location: BC/6/A/88/

Keywords: Pellets

Year: 1988

MFN: 1839ARCHIV.MST

Author: NML Madras Centre

Title: Evolution of Emission standards for foundry industry

Source: D NML/IRM

Report No: R No.57320125

P No. 51388082

Location: BC/88/A/88/

Keywords: Air Pollution

Foundries

Standards

Year: 1988

MFN: 1840ARCHIV.MST

Author: Mohanty, O N

Bahadur, A

Parida, N

Guha, B K

Sharma, T L

Title: Structure properties corelation of <calorized steels>

Source: D NML/IRM

Report No: R No.10421151

Location: BC/88/A/88/

Year: 1988

MFN: 1841ARCHIV.MST

Author: Jana, R K

Bodas, MG

Murthy, DSR

Nayak, AK

Mohanty, MS

Tiwari, SK

Saha, AK

Bagchi, D

Khan, ZH

Title: Extraction of copper nickel and cobalt from the polymetallic sea nodules of the Indian Ocean

Source: D NML/IRM

Report No: IR 13218092

Location: BC/6/A/88/

Keywords: Sea nodules

Extraction

cobalt

Nickel

Copper

Year: 1988

MFN: 1842ARCHIV.MST

Title: Construction of predominance area diagram on a personal computer

Source: D NML/IRM

Report No: R No.03428093

Location: BC/6/A/88/

Year: 1988

MFN: 1843ARCHIV.MST

Author: Mohanty, O N

Gupta, A K

Pramanik, S

Rao, V

Tewari, C R

Title: Anisotropic Mn-Al-C Magnets by hot extrusion

Source: D NML/IRM

Report No: F R 10928082

Location: BC/6/A/88/

Keywords: Magnets

Hot extrusion

Year: 1988

MFN: 1844ARCHIV.MST

Author: Srivastava, S C

Banerjee, M K

Bhattamishra, A K

Mukherjee, A N

Sharma, T L

Ghosh, P

Mukherjee, K P

Title: Studies on localised corrosion of steel weldment in chloride media

Source: D NML/IRM

Report No: RNo.05488097

Location: BC/6/A/88/

Year: 1988

MFN: 1845ARCHIV.MST

Author: Bhattamishra, AK

Kishori Lal

Mahanti, RK

Singh, TB

Sivaramakrishnan, CS

Sridhar, G

Title: Studies on the properties of Aluminium transition metal alloys

Source: D NML/IRM

Report No: RN 10488096

Location: BC/6/A/88/

Year: 1988

MFN: 1846ARCHIV.MST

Author: Kunwar, R K

Chakraborti, D M

Title: Optimisation studies on pelletising of ocean nodules

Source: D NML/IRM

Report No: FR13228095

Location: BC/6/A/88/

Year: 1988

MFN: 1847ARCHIV.MST

Author: Mathur, NN

Ray, KC

Singh, KK

Title: Ramming masses for steel making furnaces

Source: D NML/IRM

Report No: RN 07428094B

PN 07985017B

Location: BC/6/A/88/

Keywords: furnaces

Year: 1988

MFN: 1848ARCHIV.MST

Author: Chatterjee, MK

Mitra, BK

Singh, KK

Malaviya, SK

Sen, PC

Title: Development of improved refractories for runner trough for Blast furnace

Source: D NML/IRM

Report No: RN 07428094A

PN 07985017A

Location: BC/6/A/88/

Keywords: Blast Furnaces

Refractories

Year: 1988

MFN: 1849ARCHIV.MST

Author: Banerjee, T

Kar, B C

Title: Insoluble Anodes

Source: D NML/IRM

Report No: LR14

Location: BC/1/A/49/1

Keywords: Anodes

Year: 1949

MFN: 1850ARCHIV.MST

Author: Srikantiah, B S

Nijhawan, B R

Title: Nodular cast iron

Source: D NML/IRM

Report No: LR10

Location: BC/1/A/49/1

Keywords: Cast Iron

Nodular iron

Year: 1949

MFN: 1851ARCHIV.MST

Author: Banerjee, T

Tandon, DS

Title: Possibilities of manufacture of alumina by <SERPEK> process

Source: D NML/IRM
Report No: LR8
Location: BC/1/A/49/1
Keywords: Alumina
Year: 1949
MFN: 1852ARCHIV.MST

Author: Murthy, HPS
Singh, R
Title: Refractory industry in eastern India
Source: D NML/IRM
Report No: SR8
Location: BC/1/A/49/2
Keywords: Refractories
Year: 1949
MFN: 1853ARCHIV.MST

Author: Ranganathan, S
Nijhawan, BR
Title: Iron Powder by Electrodeposition
Source: D NML/IRM
Report No: RR8
Location: BC/1/B/50/1
Keywords: Electrodeposition
Powders
Year: 1950
MFN: 1854ARCHIV.MST

Title: Superduty insulating refractories
Source: D NML/IRM
Report No: LR4
Location: BC/1/B/50/1

Keywords: Refractories

Year: 1950

MFN: 1855ARCHIV.MST

Author: Bhatnagar, S

Nijhawan, BR

Title: Literature report on abnormality in steel

Source: D NML/IRM

Report No: LR21

Location: BC/1/A/50/1

Year: 1950

MFN: 1856ARCHIV.MST

Author: Banerjee, T

Banerjee, NG

Title: Recovery of nickel and zinc from silver refinery waste liquid- Part 1 recovery of nickel by electrodeposition

Source: D NML/IRM

Report No: RR4

Location: BC/1/B/50/1

Year: 1950

MFN: 1857ARCHIV.MST

Author: Parthasarathi, M N

Nijhawan, BR

Title: Theories of graphite formation in nodular cast iron

Source: D NML/IRM

Report No: LR6

Location: BC/1/C/51/1

Keywords: Cast iron

Nodular iron

Year: 1951

MFN: 1858ARCHIV.MST

Title: Carbon monoxide disintegration of fireclay

Source: D NML/IRM

Report No: LR12

Location: BC/1/C/51/1

Keywords: Firebirick

Year: 1951

MFN: 1859ARCHIV.MST

Author: Narayanan, PIA

Banerjee, SK

Title: Beneficiation of low grade soft chrome ore from <Kittaburu>, Singhbhum district, <Bihar>

Source: D NML/IRM

Report No: RR3

Location: BC/1/C/51/2

Keywords: Beneficiation

Chromium ores

Year: 1951

MFN: 1860ARCHIV.MST

Author: Tandon, DS

Banerjee, T

Title: Some experiments on plating on aluminium using an iron inter layer

Source: D NML/IRM

Report No: RR36/54

Location: BC/1/D/54/3

Year: 1954

MFN: 1861ARCHIV.MST

Author: Chakrabarty, K

Banerjee, T

Title: Utilisation of silver refinery waste liquor for the production of plating salts

Source: D NML/IRM

Report No: RR35/54

Location: BC/1/D/54/3

Year: 1954

MFN: 1862ARCHIV.MST

Author: Tandon, DS

Banerjee, T

Title: Electroplating on Light Metals

Source: D NML/IRM

Report No: LR26/54

Location: BC/1/D/54/1

Year: 1954

MFN: 1863ARCHIV.MST

Author: Chatterjea, AB

Njhawan, BR

Title: Isothermal transformation in some non ferrous eutectoid alloys

Source: D NML/IRM

Report No: LR32/54

Location: BC/1/D/54/1

Year: 1954

MFN: 1864ARCHIV.MST

Author: Narayanan, PIA

Chopra, MS

Title: Preliminary report on the possibility of beneficiating a sand sample from the associated cement companies Ltd

Source: D NML/IRM

Report No: IR109/57

Location: BC/2/B/57/1

Year: 1957

MFN: 1865ARCHIV.MST

Author: Singh, Rabindar

Bucknall,

Title: Refractory requirements posed by the expansion of the iron and steel Industry

Source: D NML/IRM

Report No: SR46-49/56

Location: BC/2/A/56/3

Year: 1956

MFN: 1866ARCHIV.MST

Author: Dasgupta, SB

Narayanan, PIA

Title: Beneficiation of a low grade manganese dioxide ore from amritpura in <Chitaldroog> dt <Mysore>

Source: D NML/IRM

Report No: IR126/58

Location: BC/2/B/58/2

Year: 1958

MFN: 1867ARCHIV.MST

Author: Singh, R Santok

Somayajulu, BV

Title: Investigations on Vengurla Silica Sand

Source: D NML/IRM

Report No: IR134/58

Location: BC/2/B/58/2

Year: 1958

MFN: 1868ARCHIV.MST

Author: Raman, PV

Mathur, GP

Narayanan, PIA

Title: Beneficiation of fluorspar from Ramorwali mine , <Rajasthan>

Source: D NML/IRM

Report No: IR129/58

Location: BC/2/B/58/2

Year: 1958

MFN: 1869ARCHIV.MST

Author: Das, PC

Mohan, J

Title: Moulding characteristics of Medium silica sand

Source: D NML/IRM

Report No: IR131

Location: BC/2/B/58/2

Year: 1958

MFN: 1870ARCHIV.MST

Author: Das, PC

Mohan, J

Title: Moulding characteristics of Gidni Sand

Source: D NML/IRM

Report No: IR133/58

Location: BC/2/B/58/2

Year: 1958

MFN: 1871ARCHIV.MST

Author: Singh, R Santokh

Mohan, J

Title: Investigations on Londha Sands

Source: D NML/IRM

Report No: IR132/58
Location: BC/2/B/58/2
Year: 1958
MFN: 1872ARCHIV.MST

Author: Banerjee, SK
Narayanan, PIA
Title: Studies on the beneficiation of a nickeliferrous ore from <Ranakpur Mines>, <Pali> District <Rajasthan>
Source: D NML/IRM
Report No: IR136/58
Location: BC/2/B/58/2
Year: 1958
MFN: 1873ARCHIV.MST

Author: Singh, R Santok
Somayajulu, BV
Gupte, PK
Title: Moulding characteristics of hyderabad silica sand
Source: D NML/IRM
Report No: IR123/58
Location: BC/2/B/58/2
Year: 1958
MFN: 1874ARCHIV.MST

Author: Raman, PV
Subramanya, GV
Narayanan, PIA
Title: Beneficiation of fluorspar from Bhagatwali Mine, <Rajasthan>
Source: D NML/IRM
Report No: IR125
Location: BC/2/B/58/2

Year: 1958
MFN: 1875ARCHIV.MST

Author: Banerjee, SK
Raman, PV
Narayanan, PIA
Title: Recovery of metallics from gunmetal ash by tabling method
Source: D NML/IRM
Report No: IR142
Location: BC/2/B/58/2
Year: 1958
MFN: 1876ARCHIV.MST

Author: Sengupta, BL
Subramanya, GV
Narayanan, PIA
Title: Beneficiation of low grade manganese ore from <Kumsi>, <Mysore>
Source: D NML/IRM
Report No: IR128
Location: BC/2/B/58/2
Year: 1958
MFN: 1877ARCHIV.MST

Author: Singh, R Santokh
Somayajulu, BV
Nijhawan, BR
Title: Moulding characteristics of Cyaria Sand
Source: D NML/IRM
Report No: IR120
Location: BC/2/B/58/1
Year: 1958
MFN: 1878ARCHIV.MST

Author: Subramanian, M
Bhatnagar, PP
Title: Reducibility of salem magnetite ore
Source: D NML/IRM
Report No: IR121
Location: BC/2/B/58/2
Year: 1958
MFN: 1879ARCHIV.MST

Author: Ganesh, R
Subramanya, GV
Narayanan, PIA
Title: Reduction of iron content in a manganese ore sample from M/S national Carbon Co
Source: D NML/IRM
Report No: IR160
Location: BC/2/B/59/2
Year: 1959
MFN: 1880ARCHIV.MST

Author: Das, PC
Mohan, Jatinder
Gupte, PK
Title: Moulding characteristics of silica sand from M/s S P Foundries, Kanpur
Source: D NML/IRM
Report No: IR174
Location: BC/2/C/60/2
Keywords: Molding
Sand
Year: 1960
MFN: 1881ARCHIV.MST

Author: Das, PC

Balasankar, KK

Saha, GL

Mohan, Jatinder

Gupta, PK

Title: Moulding and core characteristics of batala sands

Source: D NML/IRM

Report No: IR182

Location: BC/2/C/60/2

Keywords: Molding

Sand

Year: 1960

MFN: 1882ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Beneficiation of fluorspar from <Thurwali>, <Rajasthan>

Source: D NML/IRM

Report No: IR181

Location: BC/2/C/60/2

Keywords: Beneficiation

Fluorspar

Year: 1960

MFN: 1883ARCHIV.MST

Author: Joglekar, YA

Mathur, GP

Narayanan, PIA

Title: Beneficiation of low grade graphite from Doomara and Lotiyana Villages,
<Ajmer>, <Rajasthan>

Source: D NML/IRM

Report No: IR189
Location: BC/2/C/60/2
Keywords: Beneficiation
Graphite
Year: 1960
MFN: 1884ARCHIV.MST

Author: Banerjee, S K
Subramanya, GV
Narayanan, PIA
Title: Reduction of iron oxide content in a bauxite sample from roadside mine,
<Jabalpur>District, <Madhya Pradesh>
Source: D NML/IRM
Report No: IR197
Location: BC/2/C/60/2
Keywords: Bauxite
Year: 1960
MFN: 1885ARCHIV.MST

Author: Joglekar, YA
Subramanya, GV
Narayanan, PIA
Title: Beneficiation of an amorphous gypsum sample from M/s Bikaner Gypsums
Ltd. <Rajasthan>
Source: D NML/IRM
Report No: IR190
Location: BC/2/C/60/2
Keywords: Beneficiation
Gypsum
Year: 1960
MFN: 1886ARCHIV.MST

Author: Ganesh, R

Subramanya, GV

Narayanan, PIA

Title: Beneficiation of Low grade manganese ore from Lohandabud Group of Mines, <Jharsuguda>, <Orissa>

Source: D NML/IRM

Report No: IR187

Location: BC/2/C/60/2

Keywords: Beneficiation

Manganese ores

Year: 1960

MFN: 1887ARCHIV.MST

Author: Mohan, Jatinder

Somayajulu, BV

Bhatnagar, SS

Title: Moulding characteristics of Hyderabad white sand from M/S Kirloskar Brothers Ltd. Kirloskarvadi

Source: D NML/IRM

Report No: IR191

Location: BC/2/C/60/2

Keywords: Molding

Sand

Year: 1960

MFN: 1888ARCHIV.MST

Author: Beck, TA

Mohan, Jatinder

Gupte, PK

Title: Investigation of Bhawnagar Moulding Sand

Source: D NML/IRM

Report No: IR169

Location: BC/2/C/59/3

Keywords: Molding

Sand

Year: 1959

MFN: 1889ARCHIV.MST

Author: Das, PC

Mohan, Jatinder

Gupte, PK

Title: Moulding characteristics of yellow sand from S P Foundries, Kanpur

Source: D NML/IRM

Report No: IR165

Location: BC/2/C/59/3

Keywords: Molding

Sand

Year: 1959

MFN: 1890ARCHIV.MST

Author: Banerjee, SK

Narayanan, PIA

Title: Pilot plant studies on reclamation of used foundry sand from M/S Bhartia Electric Steel Co Ltd, Calcutta

Source: D NML/IRM

Report No: IR161

Location: BC/2/C/59/3

Keywords: Sand

Year: 1959

MFN: 1891ARCHIV.MST

Author: Mathur, GP

Peravadhanulu, A

Narayanan, PIA

Title: Beneficiation of Low grade ferruginous manganese ore from Chitaldrug, Mysore

Source: D NML/IRM

Report No: IR160
Location: BC/2/C/59/3
Keywords: Beneficiation
Manganese ores
Year: 1959
MFN: 1892ARCHIV.MST

Author: Subramanya, GV
Ganesh, R
Narayanan, PIA
Title: Concentration studies on a low grade manganese ore from
<Jhabua>, <Madhaya Pradesh>
Source: D NML/IRM
Report No: IR149
Location: BC/2/C/59/3
Keywords: Manganese ores
Year: 1959
MFN: 1893ARCHIV.MST

Author: Kartha, KN
Bhaskar Rao, HV
Title: Study of clay from Kumbalam <Kerala>
Source: D NML/IRM
Report No: IR243
Location: BC/2/D/62/4
Keywords: Clay
Year: 1962
MFN: 1894ARCHIV.MST

Author: Rao, MRK
Naidu, NV
Bhaskar Rao, HV

Title: Constitution and variation of Lattice parameters of some Indian chromites with magnesia addition and subsequent firing

Source: D NML/IRM

Report No: RR129

Location: BC/2/D/62/1

Year: 1962

MFN: 1895ARCHIV.MST

Author: Beck, TA

Mohan , Jatinder

Gupte, PK

Title: Moulding characteristics of Batala Sand

Source: D NML/IRM

Report No: IR240

Location: BC/2/D/62/4

Year: 1962

MFN: 1896ARCHIV.MST

Author: Rao Addanki, S

Lahiri, A K

Title: Chromate passivation of Zinc

Source: D NML/IRM

Report No: RR149

Location: BC/3/A/63/2

Year: 1963

MFN: 1897ARCHIV.MST

Author: Beck, TA

Bhandary, VS

Gupte, VK

Title: Investigation of Cutch Bentonite Received from M/s Mukund Iron Steel Works Limited, Kurla, Bombay

Source: D NML/IRM

Report No: IR280

Location: BC/3/A/63/1

Year: 1963

MFN: 1898ARCHIV.MST

Author: Rao Addanki, S

Lahiri, AK

Banerjee, T

Title: Corrosion of Nickel tubes in the steam chest of caustic Soda Evaporators

Source: D NML/IRM

Report No: IR201

Location: BC/2/D/61/1

Year: 1961

MFN: 1899ARCHIV.MST

Author: Srinivasan, SR

Bhatnagar, PP

Title: Studies on the decomposition characteristics of Amjhore pyrites

Source: D NML/IRM

Report No: IR226

Location: BC/2/D/61/1

Keywords: Pyrites

Year: 1961

MFN: 1900ARCHIV.MST

Author: Peravadhanulu, A

Subramanya, GV

Narayanan, PIA

Title: Reduction of silica content in limestone sample 1 from Purnapani quarries of
M/s Hindustan Steel <Rourkela>

Source: D NML/IRM

Report No: IR212

Location: BC/2/D/61/1

Keywords: Limestone

Year: 1961

MFN: 1901ARCHIV.MST

Title: Report on the operation of low shaft furnace pilot plant at the national metallurgical lab for the production of foundry grades of pig iron with andhra pradesh raw materials

Source: D NML/IRM

Report No: IPR1

Location: BC/2/D/61/3

Keywords: low shaft furnace

Year: 1961

MFN: 1902ARCHIV.MST

Author: Saksena, CP

Title: Study of the concentration of Pb in the liquid Pb-Sn alloy system by the correlation and regression analysis

Source: D NML/IRM

Report No: OR1

Location: BS/3/B/65/4

Year: 1965

MFN: 1903ARCHIV.MST

Author: Arora, RC

Bhandary, VS

Gupte, PK

Title: Investigation on MP -33 bentonite supplied by Messrs Ambica, Min chem Industries, Bhavnagar

Source: D NML/IRM

Report No: IR341

Location: BC/3/B/65/3

Keywords: Bentonite

Year: 1965

MFN: 1904ARCHIV.MST

Author: Ramakrishna Rao, GS

Narayanan, PIA

Title: Agglomeration of Indian Iron ore fines

Source: D NML/IRM

Report No: SR195

Location: BC/3/B/66/3

Keywords: Fines

Agglomeration

Iron ores

Year: 1966

MFN: 1905ARCHIV.MST

Author: Khatry, AK

Dasgupta, S B

Mathur, GP

Title: Reduction of iron content in a manganese ore from M/s National Cabon Co
Ltd Calcutta<West Bengal>

Source: D NML/IRM

Report No: IR395

Location: BC/3/B/66/2

Keywords: Manganese ores

Year: 1966

MFN: 1906ARCHIV.MST

Author: Chakraborty, N

Sengupta, BL

Ranganathan, MV

Ramakrishna Rao,GS

Mathur, GP

Narayan, PIA

Title: Beneficiation and sintering studies with a mixed sample of massive Laminated iron ore from Rajhara mines of Bhilai Steel Plant, Hindustan Steel Ltd

Source: D NML/IRM

Report No: IR368

Location: BC/3/B/66/?

Keywords: Beneficiation

Iron Ores

Year: 1966

MFN: 1907ARCHIV.MST

Title: Report on the smelting of Deulgaon iron ore and Khursipar iron ore containing high titania with Rajur limestone and Low temperature carbonized coke made from wardha valley coals of Maharashtra in Low shaft furnace

Source: D NML/IRM

Report No: IPR6

Location: BC/3/C/67/3

Year: 1967

MFN: 1908ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on moulding sand from Jagannathdih district <Purulia> <West Bengal> Part I

Source: D NML/IRM

Report No: IR442

Location: BC/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 1909ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on Moulding sand from Shalgora district <Bankura> <West Bengal>

Source: D NML/IRM

Report No: IR439

Location: BC/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 1910ARCHIV.MST

Author: Basak, G

Sampath, VS

Bhatnagar, PP

Title: Recovery of Aluminium from Aluminium Dross

Source: D NML/IRM

Report No: IR273

Location: BC/3/A/63/1

Keywords: Aluminum Dross

Year: 1963

MFN: 1911ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on Moulding Sand from Sonori, District Purulia, WEst Bengal
Part II

Source: D NML/IRM

Report No: IR444

Location: BC/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 1912ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on Molding sand from Sonori, District, <Purulia>, <West Bengal>, Part III,

Source: D NML/IRM

Report No: IR445

Location: BC/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 1913ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Title: Investigation on Molding Sand from Sonori , District Purulia, <West Bengal>

Source: D NML/IRM

Report No: IR446

Location: BC/3/C/67/1

Keywords: Molding

Sand

Year: 1967

MFN: 1914ARCHIV.MST

Author: Sampath, VS

Basak, G

Bhatnagar, PP

Title: Removal of oxide coating from Magnesium Powder

Source: D NML/IRM

Report No: IR450

Location: BC/3/C/67/1

Year: 1967

MFN: 1915ARCHIV.MST

Author: Singh, Savinder

Title: Molding Characteristics of sand samples received from Messrs Steelsworth, Assam

Source: D NML/IRM

Report No: IR456

Location: BC/3/C/68/1

Keywords: Molding

Sand

Year: 1968

MFN: 1916ARCHIV.MST

Author: Sengupta, BL

Narayanan, PIA

Title: Pelletization and Calcination of Lime shells from <Kerala>

Source: D NML/IRM

Report No: IR467

Location: BC/3/C/68/1

Year: 1967

MFN: 1917ARCHIV.MST

Author: Raman, PV

Narayanan, PIA

Title: Studies on Mundryroog gold ore with a view to improving gold recovery

Source: D NML/IRM

Report No: SR472

Location: BC/3/C/68/1

Year: 1968

MFN: 1918ARCHIV.MST

Author: Raman, PV

Banerjee, SK

Narayanan, PIA

Title: Beneficiation of graphite with particular reference to samples from Andhra Pradesh

Source: D NML/IRM

Report No: SR174

Location: BC/3/D/69/4

Keywords: Beneficiation

Graphite

Year: 1969

MFN: 1919ARCHIV.MST

Author: Chopra, MS

Mathur, GP

Narayanan, PIA

Title: Beneficiation of low grade ores from <Madhya Pradesh> and <Maharashtra>

Source: D NML/IRM

Report No: SR175

Location: BC/3/D/69/4

Keywords: Beneficiation

Year: 1969

MFN: 1920ARCHIV.MST

Author: Vijayanarayanan, KS

Naidu, NV

RAo, GN

Title: Molding Characteristics of GSI Sand (III)

Source: D NML/IRM

Report No: IR588

Location: BC/3/D/70/2

Keywords: Molding

Sand

Year: 1970

MFN: 1921ARCHIV.MST

Author: Arora, RC

Verma, MNP

Rao, GN

Title: Moulding characteristics of sand sample no BTL -15 (Natural moulding sand) received from the Department of industries, Govt of <Bihar>

Source: D NML/IRM

Report No: IR564

Location: BC/3/D/70/1

Keywords: Molding

Sand

Year: 1970

MFN: 1922ARCHIV.MST

Author: Kunwar, RK

Ranganathan, MV

Mathur, GV

Title: Testing of "Acetofloats" Recd from M/s Aceto chemicals Ltd. Calcutta

Source: D NML/IRM

Report No: IR596

Location: BC/3/D/70/2

Year: 1970

MFN: 1923ARCHIV.MST

Author: Raman, PV

Mathur, GP

Title: Beneficiation of low grade ores and minerals of Rajasthan

Source: D NML/IRM

Report No: SR182

Location: BC/3/D/70/4

Keywords: Beneficiation

Year: 1970

MFN: 1924ARCHIV.MST

Author: Sengupta, BL

Mathur, GP

Title: Appraisal of the beneficiation and sintering characteristics of some of the low grade manganese ores with special reference to the ores of Bihar and orissa

Source: D NML/IRM

Report No: SR183

Location: BC/4/A/71/1

Keywords: Manganese ores

Beneficiation

Year: 1971

MFN: 1925ARCHIV.MST

Author: Das, Amitava

Dutt, Ashimesh

Rao, GN

Gupte, PK

Title: Moulding characteristics of Ajoy river sand district<Burdwan> <West Bengal> Part III

Source: D NML/IRM

Report No: IR658

Location: BC/4/A/72/1

Keywords: Molding

Sand

Year: 1972

MFN: 1926ARCHIV.MST

Author: Prasad, SN

Raman, PV

Banerjee, SK

Mathur, GP

Title: Beneficiation studies on a low grade manganese ore from Bhogani area,
<Alwar> District, <Rajasthan>

Source: D NML/IRM

Report No: IR704

Location: BC/4/A/72/2

Keywords: Beneficiation

Manganese ores

Year: 1972

MFN: 1927ARCHIV.MST

Author: Rao, PDP

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade manganese ore (Sample C) from Tirodi
area, MP from M/S Manganese ore India Ltd

Source: D NML/IRM

Report No: IR691

Location: BC/4/A/72/2

Keywords: Beneficiation

Manganese ore

Year: 1972

MFN: 1928ARCHIV.MST

Author: Patnaik, H

Sharma, VK

Kunwar, RK

Sengupta, BL

Mathur, GP

Title: Pilot plant studies on the beneficiation of Noamundi hard iron ore sample
from M/S Tata Iron and Steel

Source: D NML/IRM

Report No: IR739

Location: BC/4/B/73/1

Year: 1973

MFN: 1929ARCHIV.MST

Author: Srivastava, JP

Banerjee, SK

Raman, PV

Mathur, GP

Title: Beneficiation studies on a low grade magnetite sample marked 'M' from Kavithimalai deposit near Tiruvanamalai <Tamil Nadu>

Source: D NML/IRM

Report No: IR726

Location: BC/4/B/73/1

Keywords: Beneficiation

Magnetite

Year: 1973

MFN: 1930ARCHIV.MST

Author: Ghosh, S

Prasad, S

Sharma, VK

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Pilot plant studies on the beneficiation and sintering of Kemmangundi iron ore from M/s Mysore Iron and Steel Ltd. Bhadravati, <Karnataka> State

Source: D NML/IRM

Report No: IR814

Location: BC/4/B/74/1

Year: 1974

MFN: 1931ARCHIV.MST

Author: Ranganathan, MV

Banerjee, SK

Title: Davis tube tests with a magnetite sample received from M/S TRF Ltd
Jamshedpur

Source: D NML/IRM

Report No: IR806

Location: BC/4/B/74/1

Year: 1974

MFN: 1932ARCHIV.MST

Author: Sinha, PK

Sharma, VK

Sengupta, BL

Banerjee, SK

Mathur, GP

Title: Studies on crushing and screening of eight iron ore samples from deposits 4
and 5 of Bailadilaa Mines, for the Vizag steel plant

Source: D NML/IRM

Report No: IR815

Location: BC/4/C/75/1

Keywords: Screening

Crushing

Iron ores

Year: 1975

MFN: 1933ARCHIV.MST

Author: Altekhar, VA

Kumar, R

Kapoor, AN

Singh, R Santokh

Virdhi, PS

Title: <Cupola Iron melting> with hot air blast part II

Source: D NML/IRM

Report No: RR342

Location: BC/4/C/75/1

Year: 1975

MFN: 1934ARCHIV.MST

Author: Vijayaraghavan, K

Satyanarayan, C

Srinivasan, R

Raman, PV

Khangaonkar, PR

Title: Washing of a clay sample from <Ramnad> District, Tamil Nadu

Source: D NML/IRM

Report No: IR867

Location: BC/4/C/76/1

Year: 1976

MFN: 1935ARCHIV.MST

Author: Ranganathan, MV

Chakravorty, N

Title: Beneficiation of some of the Indian clays for industrial purpose

Source: D NML/IRM

Report No: SR207

Location: BC/4/D/77/2

Year: 1977

MFN: 1936ARCHIV.MST

Author: Biswas, S

Joti, SR

Chakravorty, N

Banerjee, SK

Mathur, GP

Title: Beneficiation tests on a low grade iron ore sample from M/S Emco Goa Pvt Ltd

Source: D NML/IRM
Report No: IR905
Location: BC/4/D/77/1
Year: 1977
MFN: 1937ARCHIV.MST

Author: Chakraborty, N
Patnaik, H
Mathur, GP

Title: Beneficiation and pelletisation studies on a few iron ore fines samples from Bihar-Orissa region for central pelletisation project of Sail

Source: D NML/IRM
Report No: IR921
Location: BC/4/D/77/1
Keywords: Beneficiation
Pelleting
Iron ores
Fines
Year: 1977
MFN: 1938ARCHIV.MST

Author: Pervardhanulu, A
Banerjee, SK
Mathur, GP

Title: Beneficiation studies carried out at the NML on ores and Minerals fom NE region including Assam, NEFA, Nepal etc

Source: D NML/IRM
Report No: SR209
Location: BC/5/A/79/2
Year: 1979
MFN: 1939ARCHIV.MST

Author: Pervadhunulu, A

Chakravorty, N

Title: R and D in <Mineral processing> of the refractory minerals at NML

Source: D NML/IRM

Report No: SR211

Location: BC/5/A/79/2

Year: 1979

MFN: 1940ARCHIV.MST

Author: Arora, RC

Gupta, RNP

Title: Moulding characteristics of Nairbari sand received from directorate of Geology and Mining, <Lucknow> <Uttar Pradesh>

Source: D NML/IRM

Report No: IR1014

Location: BC/5/A/79/1

Keywords: Molding

Sand

Year: 1979

MFN: 1941ARCHIV.MST

Author: Ray, KC

Sen, PC

Rao, MRK

Title: Tests on reactivity of Lime

Source: D NML/IRM

Report No: IR1026

Location: BC/5/A/79/1

Keywords: Lime

Year: 1979

MFN: 1942ARCHIV.MST

Author: MAulik, SC

Ghosh, SR

Sengupta, BL

Title: Briquetting as an agglomeration method

Source: D NML/IRM

Report No: SR218

Location: BC/5/C/83/2

Year: 1983

MFN: 1943ARCHIV.MST

Title: Investigation report on failed boiler tubes of platen superheater of boiler no 5 CTPS Chandrapura

Source: D NML/IRM

Report No: IR1222

Location: BC/5/D/86/2

Year: 1986

MFN: 1944ARCHIV.MST

Title: Testing of GI grilled economiser tubes and superheater tubes

Source: D NML/IRM

Report No: IR233

Location: BC/5/D/86/2

Year: 1986

MFN: 1945ARCHIV.MST

Title: Evaluation of 4 nos of 50 mm diameter tubes

Source: D NML/IRM

Report No: IR1231

Location: BC/5/D/86/2

Year: 1986

MFN: 1946ARCHIV.MST

Author: Bose, SK

Ganguly, RG

Sinha, AN

De, PK

Das, NK

Title: Fast freezing by atomization for high strength aluminium alloy development

Source: D NML/IRM

Report No: RNo10421144

Location: BC/6/A/87/1

Year: 1987

MFN: 1947ARCHIV.MST

Author: Guha, BK

Mohanty, ON

Tewari, JP

Title: Carburizing of P/M steel Parts

Source: D NML/IRM

Report No: PNo07800604

Location: BC/6/A/87/1

Year: 1987

MFN: 1948ARCHIV.MST

Title: Metallurgical assessment of the main streamline pipe of boiler No.1

Source: D NML/IRM

Report No: IR1237

Location: BC/6/A/87/1

Year: 1987

MFN: 1949ARCHIV.MST

Author: Pandey, JL

Banerjee, MK

Mukherjee, KP

Title: Influence of thermal cycling on oxidation and oxide spallation of Fe-Cr-Al-x alloys= (X=Y=Zr)

Source: D NML/IRM

Report No: PR05488076

Location: BC/6/A/88/3

Year: 1988

MFN: 1950ARCHIV.MST

Author: Chowdhuri, S

Prasad, K

Singh, R

Soni, TR

Title: Failed crusher hammer rings supplied by M/s Barauni thermal power station, Begusarai

Source: D NML/IRM

Report No: IR1258

Location: BC/6/A/88/1

Year: 1988

MFN: 1951ARCHIV.MST

Author: Jaura, G

Prasad, K

Singh, R

Title: Stress rupture study on the steel grade 28CrMoNiV59 sponsored by HEC Ranchi,

Source: D NML/IRM

Report No: IR11629020

Location: BC/6/B/89/1

Year: 1989

MFN: 1952ARCHIV.MST

Author: Chattoraj, US

Title: Beneficiation studies on Bolani ores for modernisation of Durgapur steel Plant (SAIL)

Source: D NML/IRM

Report No: IR12620030

Location: BC/6/B/90/3

Year: 1990

MFN: 1953ARCHIV.MST

Author: Singh, R

Prasad, K

Chowdhuri, S

Sinha, RK

Dev, A

Jaura, G

Tiwari, YN

Title: Stress rupture properties of 2.25 Cr-1Mo steel produced by Mahindra Ugine steel company limited, Bombay

Source: D NML/IRM

Report No: IR11620034

Location: BC/6/B/90/3

Year: 1990

MFN: 1954ARCHIV.MST

Author: Maulik, SC

Sil, SK

Ganguly, NN

Kunwar, RK

Banerjee, B

Saha, A

Title: Study on superconcentration of <blue dust> sample received from RDCIS SAIL< Ranchi>, <Bihar>

Source: D NML/IRM

Report No: IR12822043

Location: BC/6/C/92/3

Year: 1992

MFN: 1955ARCHIV.MST

Author: Maulik, SC

Rao, S Mohan

Srivastava, JP

Chakraborty, N

Title: Beneficiation of magnesite a status report with special reference to
<Karnataka> and <Tamil Nadu> state deposits

Source: D NML/IRM

Report No: Misc/R/1/91

Location: BC/6/C/92/3

Keywords: Beneficiation

Magnesite

Year: 1992

MFN: 1956ARCHIV.MST

Title: Investigation on damaged 100 mm isolation value

Source: D NML/IRM

Report No: IR10822049

Location: BC/6/C/92/3

Year: 1992

MFN: 1957ARCHIV.MST

Author: Jaura, G

Prasad, K

Singh, R

Sinha, RK

Title: Stress rupture study on 0.5 Mo steel for powerplant

Source: D NML/IRM

Report No: IR11622054

Location: BC/6/C/92/3

Year: 1992

MFN: 1958ARCHIV.MST

Author: Singh, R

Sinha, RK

Ranganath, VR

Title: Investigation on the failure of waterwall tubes of Boiler Nos IV
V sponsored by Neyvelli Lignite

Source: D NML/IRM

Report No: IR11623071

Location: BC/6/D/93/2

Year: 1993

MFN: 1959ARCHIV.MST

Author: Ghosh, RN

Sinha, RK

Chowdhuri, S

Sinha, RK

Sinha, AN

Title: Investigation on water wall tube (4 nos) of boilers of Bongaingon thermal
power station Unit -I

Source: D NML/IRM

Report No: IR11624074

Location: BC/6/D/94/2

Keywords: Tubes

Boilers

Year: 1994

MFN: 1960ARCHIV.MST

Author: Singh, R

Chowdhuri, S

Sinha, RK

Ranganath, VR

Joarder, A

Title: Evaluation of Boiler furnace and <super heater> tubes to ascertain their conditions for further use

Source: D NML/IRM

Report No: IR11624072

Location: BC/6/D/94/2

Keywords: Tubes

Boiler furnaces

Year: 1994

MFN: 1961ARCHIV.MST

Author: Ghosh, RN

Singh, R

Chowdhuri, S

Sinha, RK

Sinha, AN

Title: Investigation on the failure of final <super heater> tubes sponsored by Farakka super thermal power project , NTPC, <West Bengal>

Source: D NML/IRM

Report No: IR11624074

Location: BC/6/D/94/2

Keywords: Tubes

Year: 1994

MFN: 1962ARCHIV.MST

Author: Singh, Raghubir

Chowdhuri, S

Prodhan, A

Sinha, RK

Sinha, A Narayan

Das, Swapan Kumar

Title: Investigation of service exposed reformer tubes sponsored by Indian Farmers Fertilizers Cooperation

Source: D NML/IRM

Report No: FR

Location: BC/6/D/94/2

Keywords: Tubes

Year: 1994

MFN: 1963ARCHIV.MST

Author: Gupta, KN

Prakash, S

Goswami, MC

Sinhamahapatra

Vaish, AK

Dutt, Ashimesh

Title: Studies on industrial utilisation of cillcoke and coke fines produced at Dankuni Coal Complex (DCC) Coal India Limited, Dankuni <West Bengal>

Source: D NML/IRM

Report No: IR7625082

Location: BC/7/A/95/2

Keywords: Coke

Fines

Year: 1995

MFN: 1964ARCHIV.MST

Author: Bhattacharyya, KK

Title: Efficacy of multigravity separator for beneficiation of iron ore slimes from TISCO <TATA STEEL>

Source: D NML/IRM

Report No: IR12325084

Location: BC/7/A/95/2

Keywords: Beneficiation

slime

Iron ores

Year: 1995

MFN: 1965ARCHIV.MST

Title: Project report for the production of 250 and 500 tonnes of magnesium metal per annum at Jamshedpur

Source: D NML/IRM

Report No: Misc/R

Location: BC/3/C/68/1

Year: 1968

MFN: 1966ARCHIV.MST

Author: Humane, MM

Vaish, AK

Minz, RK

De, PK

Lakra, BA

Ranganath, VR

Thakur, Punam

Sharma, RK

Title: Studies on Rare Earth metals addition to low carbon micro alloyed steels

Source: D NML/IRM

Report No: OLP15731

Location: BC/8/B/2001/5

Keywords: High strength low alloyed steels

Year: 2001

MFN: 1967ARCHIV.MST

Author: Kumar, B Ravi

Das, Swapan

Bhattacharya, DK

Title: Failure analysis of helical compression spring of coke oven batteries

Source: D NML/IRM
Report No: CIEP/MTC/2001/SSP 0119
Location: BC/8/B/2001/1
Keywords: Helical springs
Corrosion fatigue
Failure analysis
Year: 2001
MFN: 1968ARCHIV.MST

Author: Singh, SR
Das, Swapan kumar
Singh, AK
Title: Failure analysis of high pressure compressor rotor (5th stage) blade-retainer
of mirage -2000
Source: D NML/IRM
Report No: NML/MTC/IAF/1.13/11/2001
Location: BC/8/B/2001/7
Keywords: Fatigue
superalloys
nickel base alloys
Aerospace Engines
Year: 2001
MFN: 1969ARCHIV.MST

Author: Sridhar, G
Parida, N
Das, SK
Das, G
Kumar, P
Mondal, G
Bhattacharya, DK
Title: Failure investigations of boiler reheater tube

Source: D NML/IRM
Report No: CIEP/TSP/2001/0106
Location: BC/8/B/2001/1
Keywords: Failure analysis
Boiler tubes
Year: 2001
MFN: 1970ARCHIV.MST

Author: Vaish, A K
Iyer, GVR
Singh, HP
Humane, MM
De, PK
Lakra, BA
Ranganath, VR
Das, Swapan
Jha, CL
Sharma, RK
Lal Maharaj
Sengupta, KG

Title: Production of extra low carbon clean micro alloyed steel through induction - ESR route
Source: D NML/IRM
Report No: OLP12331
Location: BC/8/A/2000/5
Keywords: high strength low alloy steels
low carbon steels
Year: 2000
MFN: 1971ARCHIV.MST

Author: Prasad, Sanjay
Guha, C

Lal Maharaj

Title: Development of a process for the production of zinc powder from industrial waste

Source: D NML/IRM

Report No: OLP17331

Location: BC/8/A/2000/5

Keywords: Dross

Zinc

Powders

Year: 2000

MFN: 1972ARCHIV.MST

Author: Ranganathan, S

Chakravorthy, M

Title: Studies on reduction of chromite ores

Source: D NML/IRM

Report No: OLP17431

Location: BC/8/A/2000/5

Keywords: Chromium ores
kinetics

Year: 2000

MFN: 1973ARCHIV.MST

Author: Premchand

Pandey, BD

Agarwal, A

Gorai, B

Ghosh, S

Sahoo, KL

Sinhababu, SK

Krishnan, CSS

Gupta, KK

Title: Characterisation and utilisation of copper and smelter slag generated in SIII Tuticorin

Source: D NML/IRM

Report No: SSP0113

Location: BC/8/A/2000/6

Keywords: Slags

Copper

Smelters

Year: 2000

MFN: 1974ARCHIV.MST

Author: Mohan, V

Bhaskar Raju, G

Prabhakar, S

Subba Rao, S

Vijayaraghavan, K

Title: Beneficiation and flow sheet development for a low grade barite sample

Source: D NML/IRM

Report No: SSP953101

Location: BC/8/A/2000/6

Keywords: Barite

Beneficiation

Year: 2000

MFN: 1975ARCHIV.MST

Author: Sridhar, G

Parida, N

Das, SK

Ranganath, VR

Murthy, GVS

Das, G

Bhattacharya, D K

Title: Failure investigation of blade of LP rotor stage 4A <Ahmedabad><Gujarat>
Source: D NML/IRM
Report No: CIEP/SSP/2001/151
Location: BC/8/B/2001/1
Keywords: Corrosion pitting
Turbine blades
Year: 2001
MFN: 1976ARCHIV.MST

Author: Sridhar, G
Das, SK
Murthy, GVS
Parida, N
Bhattacharya, DK

Title: Failure analysis of a condenser Leaky tube <Ahmedabad><Gujarat>
Source: D NML/IRM
Report No: CIEP/SSP/2001/110
Location: BC/8/B/2001/1
Keywords: Failure analysis
Condenser tubes
Year: 2001
MFN: 1977ARCHIV.MST

Author: NML Madras Centre
Title: Characterisation of weldments of modified 9 CR-1 Mo heat resistant martensitic steels <Tamil Nadu> <Neyveli>
Source: D NML/IRM
Location: BC/8/B/2001/7
Keywords: Heat resistant steels
Weldments
Year: 2001
MFN: 1978ARCHIV.MST

Author: Alex, Thomas C

Premchand

Godiwalla, KM

Mathur, SB

Singh, L

Srikanth, S

Choudhury, VN

Title: Production of ferronickel and iron from a blend of lean Indian and rich Indonesian laterites

Source: D NML/IRM

Report No: OLP 17531

Location: BC/8/B/2001/5

Keywords: Pyrometallurgy

Laterites

Ferronickel

Year: 2001

MFN: 1979ARCHIV.MST

Author: Singh, SR

Title: Assessment of the findings of "Refurbishment of gas turbine components of hot gas path of GE frame Six machine at BGGTS, Hyderabad"

Source: D NML/IRM

Report No: NML MTC/AEC/1.60/2/2001

Location: BC/8/C/2001/7

Keywords: Gas turbine components

Year: 2001

MFN: 1980ARCHIV.MST

Author: Sridhar, G

Das, S K

Murthy, G V S

Parida, N

Bhattacharya, D K

Title: Failure analysis of a condenser leaky tube at CCPP-VatWa of AEC ,
Ahmedabad

Source: D NML/IRM

Report No: CIEP/2001/SSP/0121

NML/MTC/1.60/AEC/5

Location: BC/8/B/2001/1

Keywords: Erosion

Corrosion

Condenser tubes

Year: 2001

MFN: 1981ARCHIV.MST

Author: Singh, SR

Das, Swapan Kumar

Singh, AK

Gupta, KK

Kumar, B Ravi

Title: Material and wear characteristics of components of governor rate reset valve
(GRRV) of viper Aeroengines VL-13107

Source: D NML/IRM

Report No: NML MTC/IAF/1.13/12/2001

Location: BC/8/C/03/7

Keywords: Abrasive wear

Year: 2001

MFN: 1982ARCHIV.MST

Author: Singh, SR

Das, Swapan kumar

Singh, AK

Gupta, KK

Kumar, B Ravi

Title: Material and wear characteristics of components of governor rate reset valve (GRRV) of viper aeroengine VL-13107

Source: D NML/IRM

Report No: NML MTC/IAF/1.13/12/2001

Location: BC/8/C/2001/7

Keywords: abrasive wear
pitting corrosion

Year: 2001

MFN: 1983ARCHIV.MST

Author: Singh, SR

Singh, DDN

Das, Swapan Kumar

Kumar, B Ravi

Bhattacharjee, S

Lakra, BA

Title: Preliminary studies on material and corrosion characteristics of aluminium alloy and low alloy steel samples of IL-76 Aircraft. (Under corrosion prevention program: Il 76 Aircraft)

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/15/2002

Location: BC/8/D/2002/7

Keywords: Corrosion

Exfoliation Corrosion

galvanic corrosion

Year: 2002

MFN: 1984ARCHIV.MST

Author: Singh, SR

Das, Swapan Kumar

Kumar, B Ravi

Singh, AK

Ghosh, RN

Title: Failure analysis of lock washer in internal drive assembly of high pressure compressor rotor in aeroengine Sl NO 110-55-36

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/13/2001

Location: BC/8/C/2001/7

Keywords: Failure analysis

Aeroengine

Year: 2001

MFN: 1985ARCHIV.MST

Title: Failure analysis and remaining life estimation of API 5L X46 grade ERW pipes for high pressure cross country transportation of petroleum products

Source: D NML/IRM

Report No: CIEP/2001/SSP/0114

Location: BC/8/D/2002/1

Keywords: Failure analysis

remaining life estimation

pipelines

Year: 2002

MFN: 1986ARCHIV.MST

Author: Bhattacharya, DK

Tarafder, S

Ranganath, VR

Mallik, AK

Title: Comparative assessment of fatigue and fracture behaviour of cast and forged railway wheels

Source: D NML/IRM

Report No: T/0008/2001

Location: BC/8/D/2002/1

Keywords: Wheels

Railroad wheels

Year: 2002

MFN: 1987ARCHIV.MST

Author: Singh, SR

Das, Swapan Kumar

Bhattacharjee, S

Kumar, B Ravi

LAkra, BA

Title: Hydrogen induced fatigue failure of 2nd stage compressor rotor blade of R-29B-300 Aeroengine Sl No. 110-55-64 EX AC No TS-536

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/16/2002

Location: BC/8/D/2002/7

Keywords: Hydrogen embrittlement

Failure

fatigue

aeroengines

Year: 2002

MFN: 1988ARCHIV.MST

Author: Mishra, KK; Biswas, DK; Singh, SD; Singh, KK

Title: Improved furnace for pollution free melting of cast iron and steel

Source: D NML/IRM

Report No: OLP 15331

Location: BC/8/A/2000/5

Keywords: Furnaces; Pollution abatement

Year: 2000

MFN: 1989ARCHIV.MST

Author: Sivaramakrishnan, CS; Chakraborty, SP; Sahoo, KL; Sinhababu, SK; Singh, HP; Paul, KK; Ghosh, MP

Title: Development of an appropriate technology for traditional brass and bell metal artisans

Source: D NML/IRM

Report No: GAP 0024

Location: BC/8/B/01/4

Keywords: brasses; artisans; rural technology; bell metal

Year: 2001

MFN: 1990ARCHIV.MST

Author: Singh, SR; Das, Swapan Kumar; Bhattacharjee, S; Lakra, BA

Title: Material characterisation of an object found between rear of high pressure turbine disc and front of low pressure turbine disc and its comparison with balance weight of LPTR Assembly of R29B-300 aeroengine sl. no 262583300088 Ex AC No SM 251

Source: D NML/IRM

Report No: T 00031/2002/

NML MTC/IAF/1.13/18/2002

Location: BC/8/D/2002/

Keywords: Turbine disks; Materials Characterization

Year: 2002

MFN: 1991ARCHIV.MST

Author: Singh, DDN

Title: Role of fluorides on corrosion of steel rebars and types of steels to be used to achieve extended life of structures sponsored by Sardar Sarovar Narmada Nigam>, <Gandhinagar> <Gujarat>

Source: D NML/IRM

Report No: CNP 0053

Location: BC/8/D/2002/3

Keywords: Rebars; Corrosion; Fluorides

Year: 2002

MFN: 1992ARCHIV.MST

Author: Sahoo, KL; Ghosh, S; Sinhababu, SK; Singh, HP; Gupta, KK; Sivaramakrishnan, CS; Chattoraj, Mousumi; Chakraborti, S

Title: Investigation on the suitability of non edible rural vegetable oils in mould core making and preparation of <resins>

Source: D NML/IRM
Report No: GAP 0048
Location: BC/8/D/2002/4
Keywords: polymers; vegetable oils; core making; molds
Year: 2002
MFN: 1993ARCHIV.MST

Author: Singh, SR; Das, Swapan Kumar; Kumar, B Ravi; Lakra, BA
Title: FOD induced fatigue failure of 2nd stage stator blade of aeroengine HDR
95084 EX A/C No TS 633
Source: D NML/IRM
Report No: NML/MTC/IAF/1.13/19/2002 CIEP/2002/TMP 00035
Location: BC/9/A/2002/7
Keywords: Failure Analysis; Aerospace engines
Year: 2002
MFN: 1994ARCHIV.MST

Author: Singh, SR; Das, Swapan Kumar; Bhattacharjee, S; Lakra, BA
Title: Failure analysis of coupling shaft Pt. No 470650190, driven gear Pt No
470650199 and shaft plug Pt No 020703034 of aeroengine Sl No 519552244076
Source: D NML/IRM
Report No: NML/MTC/IAF/1.13/17/2002
T/00030/2002
T/00032/2002
Location: BC/9/A/2002/7
Keywords: Failure Analysis; Aerospace engines
Year: 2002
MFN: 1995ARCHIV.MST

Author: Singh, DDN; Dey, AK; Singh, MN; Prakash, Swatantra; Ghosh, Rita
Title: Optimizing the performance of corrosion inhibitors
Source: D'NML/IRM
Report No: SSP 115

Location: BC/8/C/2001/6

Keywords: Corrosion Inhibitors; Pickling

Year: 2001

MFN: 1996ARCHIV.MST

Author: Sivaramakrishnan, CS; Kishori Lal; Rao, V; Kumar, Surendra; Mahanti, RK; Sahoo, KL; Dev, SC; De, PK; Lakra, BA

Title: Development of rapidly solidified magnesium base alloys

Source: D NML/IRM

Report No: CLP 022

Location: BC/8/D/2002/2

Keywords: Rapid Solidification; Magnesium Base Alloys

Year: 2002

MFN: 1997ARCHIV.MST

Author: Parida, N; Tarafder, S; Ranganath, VR; Das, G; Das, SK; Kumar, P; Bhattacharya, DK

Title: Metallurgical study of broken rail pieces and other items from accident site at <Sarai Banjara> <Panjab>

Source: D NML/IRM

Report No: T 00023/2001

Location: BC/9/A/2002/7

Keywords: rails; failure; ultrasonic testing; flaw detection

Year: 2002

MFN: 1998ARCHIV.MST

Author: Biswas, PK; Vaish, AK; Chaudhuri, SP; Goswami, NG; Humane, MM; Minz, RK; Goswami, MC; Rao, DS; Singh, Manjeet; Singh, TB; Das, Goutam; Das, Swapan; Sivaramakrishnan, CS

Title: Documentation and development of ironmaking process used by tribals of India

Source: D NML/IRM

Report No: GAP 0041

Location: BC/8/D/2002/4

Keywords: Ironmaking; Historical metallurgy

Year: 2002

MFN: 1999ARCHIV.MST

Author: Kishori Lal; Mahanti, RK; Kailath, Ansu J; De, PK; Lakra, BA; as, Samar; Lal Maharaj

Title: Effect of Si and Ca on the structure and properties of rapidly solidified Mg-AL-Zn alloys

Source: D NML/IRM

Report No: OLP 19531

Location: BC/8/C/2002/5

Keywords: Rapid Solidification; Magnesium Base Alloys; Melt Spinning

Year: 2001

MFN: 2000ARCHIV.MST

Author: Sivaprasad, S; ; Tarafder, S; Ranganath, VR; Tarafder, M; Das, Swapan

Title: Study on stretch zone for ductile fracture characterization

Source: D NML/IRM

Report No: OLP 19431

Location: BC/8/C/2001/5

Keywords: Fracture Mechanics; High Strength Low alloy steels; steels

Year: 2001

MFN: 2001ARCHIV.MST

Author: Pathak, PN; Dey, Shobhana; Rao, DS; Das, NN

Title: Recovery of ferro-chrome value from <Jajpur> <ferro chrome> plant slag of industrial development corporation of orissa limited (IDCOL)

Source: D NML/IRM

Report No: OLP 19031

Location: BC/8/C/2001/5b

Keywords: Gravity Concentration

Year: 2001

MFN: 2002ARCHIV.MST

Author: Pal, J; Goswami, MC; Prakash, S; Singh, Manjeet
Title: Utilisation of north eastern coal in blast furnace ironmaking
Source: D NML/IRM
Report No: OLP 18831
Location: BC/8/C/2001/5
Keywords: Blast Furnaces; coal; Ironmaking
Year: 2001
MFN: 2003ARCHIV.MST

Author: Bhattamishra, AK; Basu, DK; Singh, MN; Kishori Lal; Das, NN; De, PK; Sharma, RK; Das, Samar; Narang, SK
Title: Study on the influence of alloying additions on the corrosion behaviour of Al-Mg-Si alloys in different environments
Source: D NML/IRM
Report No: OLP 18731
Location: BC/8/B/2001/5
Keywords: Corrosion; Mischmetal
Year: 2001
MFN: 2004ARCHIV.MST

Author: Bhattacharjee, S; Gupta, KK; Srivastava, SC; Konar, J; Guha, C; Rao, AS
Title: Extraction of alumina from flyash
Source: D NML/IRM
Report No: OLP 18631
Location: BC/8/B/2001/5
Keywords: Fly ash; Wastes
Year: 2001
MFN: 2005ARCHIV.MST

Author: Chakravarty, S; Thakur, P; Bhattacharjee, S; Gupta, KK; Dasgupta, P
Title: Speciation of arsenic in drinking water
Source: D NML/IRM

Report No: OLP 18531
Location: BC/8/B/2001/5
Keywords: Arsenic ; Groundwater
Year: 2001
MFN: 2006ARCHIV.MST

Author: Das, Nandini; Kumar, Sanjay; Singh, KK
Title: Preparation and characterisation of ceramic membrane for <ultrafiltration> application
Source: D NML/IRM
Report No: OLP 18931
Location: BC/8/B/2001/5
Keywords: Ceramics
Year: 2001
MFN: 2007ARCHIV.MST

Author: Thakur, P; Chakravarty, S; Bhattacharjee, S; Konar, J; dasgupta, P
Title: Separation of <nickel> and <cobalt> in acidic leach liquor
Source: D NML/IRM
Report No: OLP 18431
Location: BC/8/B/2001/5
Keywords: Separation
Year: 2001
MFN: 2008ARCHIV.MST

Author: Das, NN; Mohanta, MK; Konar, J; Srivastava, SC
Title: Synthesis, characterisation and use of Zr 4+/Ti 4+ containing Lamellar double hydroxides as ion exchangers
Source: D NML/IRM
Report No: OLP 18331
Location: BC/8/B/2001/5
Keywords: Ion excahngers
Year: 2001

MFN: 2009ARCHIV.MST

Author: Mohanta, NK; Das, NN; Rao, DS; Bhattamishra, AK; Kumar, B Ravi; Gupta, KK; Srivastava, SC

Title: Geochemical characterization of laterites with special reference to laterization process and resource potentiality

Source: D NML/IRM

Report No: OLP 18231

Location: BC/8/B/2001/5

Keywords: Laterites; Geochemistry

Year: 2001

MFN: 2010ARCHIV.MST

Author: Pandey, BD; Nani Babu, M; Sahu, KK

Title: Zinc recovery from sphalerite concentrate by direct oxidative leaching

Source: D NML/IRM

Report No: OLP 19831

Location: BC/8/B/2001/5b

Keywords: Sphalerite; Leaching

Year: 2001

MFN: 2011ARCHIV.MST

Author: Gorai, Bipra; Jana, RK; Khan, ZH; Rao, AS

Title: Recovery of nickel and chromium from mill scale

Source: D NML/IRM

Report No: OLP 19731

Location: BC/8/B/2001/5b

Keywords: Recovery; Nickel; Chromium

Year: 2001

MFN: 2012ARCHIV.MST

Author: Pathak, LC

Title: Modelling of isothermal sintering characteristics

Source: D NML/IRM
Report No: OLP 19631
Location: BC/8/B/2001/5b
Keywords: Modelling; Sintering
Year: 2001

MFN: 2013ARCHIV.MST

Author: Narasimhan, BRV; Sankaranarayanan, TSN; Rajakumar, A
Title: Preparation of precipitated calcium carbonate and caustic soda by causticizing of limestone
Source: D NML/IRM
Report No: OLP 20031
Location: BC/8/B/2001/5b
Keywords: Limestone
Year: 2001

MFN: 2014ARCHIV.MST

Author: Singh, R; Mishra, DK; Satyanarayan, NV; Akbar, SA; Rao, P Siva Subba; Das, HK
Title: In house upgradation of temperature controller to PID digital controller
Source: D'NML/IRM
Report No: OLP 19931
Keywords: Controllers; Digital controller; Temperature Controller Upgradation
Year: 2001

2002

MFN: 2015ARCHIV.MST

Author: Singh, S.R.; Singh, D.D.N.; Das, Swapan K.; Kumar, B. Ravi; Bhattacharjee, S.; Lakra, B.A.

Title: Preliminary studies on material and corrosion characteristics of aluminium alloy and low alloy steel samples of IL-76 Aircraft (Under Corrosion prevention program: IL-76 Aircraft)

Source: D'NML/IRM

Report No: OLP 19131

Keywords: Magnetic Materials; Ferrites

Year: 2002

Sponsor: Air Force Station, Chandigarh

Abstract:

Author: Rao, V; Mitra, Amitava; Sinha, Arvind; Kumar, B Ravi; Srivastava, JP; Maharaj, Lal

Title: Synthesis of strontium Ferrite Magnets

Source: D'NML/IRM

Report No: OLP 19131

Keywords: Magnetic Materials; Ferrites

Year: 2002

Abstract: To develop the process for the production of isotropic strontium ferrite magnets having a max energy product (BH)_{max} of > 1.2 MGOe and (ii) To develop the process for anisotropic strontium ferrite magnets with a max energy product of >3.5 MGOe

MFN: 2016ARCHIV.MST

Author: Hait, Jhumki; Jana, R.K.; Premchand; Rao, A.S.; Dasgupta, Arun

Title: Processing of zinc sulphide concentrate from Sikkim Mining Corporation

Source: D'NML/IRM

Report No: OLP 20131

Keywords: Hydrometallurgy; Zinc Sulphide Concentrate

Year: 2002

Sponsor: CSIR NE

Abstract: Zinc sulphide concentrate obtained from Sikkim Mining Corporation contains about 37 Zn, 14.5 Fe and 3 Pb. As the Zn content is 37% mainly the hydrometallurgical approach was explored for processing concentrate. The three probable routes were investigated 1) Low temperature roasting followed by leaching 2) Direct leaching in presence of oxidative agent and 3) Pressure leaching in presence of additive

MFN: 2017ARCHIV.MST

Author: Narang, SK

Title: Development of a cathodic protection system with sintered magnetite anode

MFN: 00032ARCHIV.MST

Author: Maulik, S.C and others

Title: Beneficiation of low grade Chromite Ore samples from Kaliapani and Ssukorangi, Orissa, sponsor M/s Orissa Mining Corporation, Bhubaneswar.

Source: D NML/IRM

Report No: SSP - 130

Location:

Keywords: Chromite Ore

Year: 2002

MFN: 00033ARCHIV.MST

Author: Pandey, B.D; Mehta, K.D; Premchand; Rao. A.S

Title: Selective bioleaching of nickel using *Theobacillus ferrooxidans* preliminary validation studies, sponsor. Department of Biotechnology.

Source: D NML/IRM

Report No: GAP - 0081

Location:

Keywords: bioleaching of Nickel

Year: 2002

MFN: 00034ARCHIV.MST

Author: Premchand and team
Title: Extraction of Zinc from Ganesh Himal Zinc lead or of Nepal, sponsor. Mecon, Ranchi.
Source: D NML/IRM
Report No: SSP - 0128
Location:
Keywords: Zinc
Year: 2002

MFN: 00035ARCHIV.MST

Author: Prakash, S; Mehrotra, S.P; Singh, K.K; Rao, P Ramchandra; Mukherjee, K
Title: Study on silicon control in Indian Blast furnace, CSIR.
Source: D NML/IRM
Report No: GAP - 0025
Location:
Keywords: Blast furnace
Year: 2002

MFN: 00036ARCHIV.MST

Author: Nayak, B; Das, N.N; Konar. J; Das, S.K; Srivastava, J.P
Title: Characterisation of Ti & V bearing magnetictes of Rairangpur – Bison area, Orissa.
Source: D NML/IRM
Report No: OLP - 21131
Location: Box / 5
Keywords: Bearing Magnetictes
Year: 2002

MFN: 00037ARCHIV.MST

Author: Vaish, A.K; Humane, M.M
Title: Study of the structure properties relation Low Carbon Microalloyed Steel.
Source: D NML/IRM
Report No: OLP - 20331

Location: Box / 5

Keywords: Low Carbon, Microalloyed Steel

Year: 2002

2003

MFN: 0001ARCHIV.MST

Author: Tiwary, Y.N; Chaudhuri, S; Singh, R

Title: Assessment of boiler tubing based on stress rupture tests, Sp. Central power research Centre Research, Nagpur.

Source: D NML/IRM

Report No: CIEP/2003/TSP/0161

Location: Box / 6

Keywords: Boiler Tubing Based

Year: Jan 2003

MFN: 0002ARCHIV.MST

Author: Singh, S.R; Das, S.K; Kumar, B.R; Sagar, P.L

Title: Studies on Retained Austenite and wear characteristics of failed and unfailed rotary elide valves of centrifugal Governor of Indian fuel pump of R-25 aeroengine of MiG-21 aircrafts, Sp. Hindustan Aeronautics Orissa.

Source: D NML/IRM

Report No: NML/MTC/IAF/1.12/274

Location: Box/7

Keywords: Wear Characteristics

Year: 2003

MFN: 0003ARCHIV.MST

Author: Hore, S; Ghosh, R.N; Roy, N; Das, B; Chaudhuri, S

Title: Creep modeling software for strain prediction (CSIR), Sp, Res, Vikashnagar.

Source: D NML/IRM

Report No: SSP - 0134

Location:

Keywords: Creep modeling

Year: 2003

MFN: 0004ARCHIV.MST

Author: Singh, S.R; Das, S.K, Kumar, B.R
Title: Investigation on the fusion of rotary slide valve and failure of carbon shaft of centrifugal Governor of main fuel pump of R-25 Aeroengine Sl No. HDR-8026511 of Mig-21 Cu-2192 flamed out at Jaislmer, Sp. by Directorate pf flight safety, Air Hq. (RKP).
Source: D NML/IRM
Report No: NML/MTC/IAF/1.13/27/2003
Location: BOX / 7
Keywords: Failure of Carbon
Year: 2003

MFN: 0005ARCHIV.MST

Author: Singh, S.R; Das, S.K, Lahra, B.A
Title: Metallurgical failure investigation of damaged parts of R-29 (type – 55B) Aeroengine Sl. No. HDR 92023 EX A/c No. TS-554 involved in Cat – I accident, Sp. by 4 Base repair depot Air force station, Kanpur.
Source: D NML/IRM
Report No: NML/MTC/TAF/1.13/25/2003
Location: BOX / 7
Keywords: Metallurgical
Year: 2003

MFN: 0006ARCHIV.MST

Author: Sahoo, K.L; Ghosh, S; Kumar, A; Singh, H.P; Chaterjee, S; Chakraborty, S
Title: Exploration of value addition to vegetable oils (Sal and Kusum) available in minor forest areas for in dustrial applications, Sp. Ministry of tribal agains.
Source: D NML/IRM
Report No: GAP - 0069
Location: BOX / 4
Keywords: Metallurgical
Year: 2003

MFN: 0007ARCHIV.MST

Author: Chattopadhyay, A; Banerjee, B; Bhattacharya, K.K; Maulick, S.C; Sil, B.K & others
Title: Comparative geology, mineralogy geochemistry and series (West Bengal, India) and fedorovs Kaya fountain (South Yakutia, Russia).
Source: D NML/IRM
Report No: GAP - 0040
Location: BOX / 4
Keywords: Mineralogy Geochemistry
Year: 2003

MFN: 0008ARCHIV.MST

Author: Singh, S.R; Kumar, B.R; Bhadur, A; Ghosh, R.N
Title: Study on retained austenite in life expired rotary slide valves of centrifugal governor of main fuel pump of R – 25 aeroengine of MiG – 21 aircrafts Sp. Hindustan aeronautics Limited, Koraput Division, Orissa.
Source: D NML/IRM
Report No: NML/MTC/IAF/1.13/276/2003
Location: BOX / 7
Keywords: Main fuel pump
Year: 2003

MFN: 0009ARCHIV.MST

Author: Singh, S.R; Kumar, B.R
Title: Evaluation of retained austenite in after subcooled Heat treatment, Sp. by Hindustan Aeronautics Limited, Koraput Division, Orissa.
Source: D NML/IRM
Report No: NML/MTC/IAF/1.13/35/2003
Location: BOX / 7
Keywords: Heat treatment
Year: 2003

MFN: 00010ARCHIV.MST

Author: Singh, S.R; Das, S.K, Ranganath, V.R

Title: Failure analysis of by – Pars vane of Aeroengine sl. No. HDR – 91014 Ex AC No. TS – 562 and its comparison with Russian Vane, Sp. by 4BRS Air force station, Chaheni, Karpur – 208 008.

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/29/2003

Location: BOX / 7

Keywords: Failure Analysis

Year: 2003

MFN: 00011ARCHIV.MST

Author: Singh, S.R; Kumar, Ravi

Title: Evaluation of retained austenite in new rotary slide valves (Pt No. 4000163-3) of Russian Origin by X-ray diffraction, Sp. by: Hindustan Aeronautics Limited Lucknow.

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/2003

Location: BOX / 7

Keywords: Evaluation of retained

Year: 2003

MFN: 00012ARCHIV.MST

Author: Singh, S.R; Das, S.K; Kumar, Ravi, Lakra, B.A

Title: Fretting of components of 2nd stage stater assembly consisting of retaining bolt pt. No. 550151522 stater blade Pt. No.470157002 and shroud rig pt. No. 470151342 in an aeroengine, Sp. by 4 BRD Air force Chenaai.

Source: D NML/IRM

Report No: NML/MTC/IAF/1.13/20/2003

Location: BOX / 7

Keywords: Fretting of components

Year: 2003

MFN: 00013ARCHIV.MST

Author: Tiwary, Y.N; Chaudhuri, S; Singh,R

Title: Assessment of boiler tubing based on stress rupture test sponsored – central power research centre, Maharashtra.

Source: D NML/IRM
Report No: STS - 9170
Location: BOX / 6
Keywords: Boiler Tubing
Year: 2003

MFN: 00014ARCHIV.MST

Author: Tiwary, Y.N; Chaudhuri, S; Singh,R
Title: Creep evaluation of platen superheater tube of enore sponsored Mecon Limited Jharkhand.
Source: D NML/IRM
Report No: STS - 9176
Location: BOX / 6
Keywords: Creep evaluation
Year: 2003

MFN: 00015ARCHIV.MST

Author: Maulik, S.C; Bhattacharya, K.K; and others
Title: Pilot plant studies on beneficiation of chromite ore samples from south Kaliapuri and Sukarangi Orissa sponsored M/s Orissa Mining Corporation Bhubansewar.
Source: D NML/IRM
Report No: SSP - 140
Location: BOX / 6
Keywords: Pilot plant
Year: 2003

MFN: 00016ARCHIV.MST

Author: Singh, S.R; Kumar, B.R
Title: Failure analysis of arming vane of fail unit 100m K-6 involved in flying accident of Mig – 27 ML air craft No. TS – 527 Sponsored – Air force station, Midnapur.
Source: D NML/IRM
Report No: NML/MST/IAF/1.13//32/2003

Location: BOX / 7
Keywords: Failure analysis
Year: 2003

MFN: 00017ARCHIV.MST

Author: Das, S.K; Singh, S.R
Title: Investigation of broken Control Road (Pt. No. E7 – 4100 – 860 connected to link no. of (7, (6) wheel turning mechanism of MG 21 fighter Aircraft Sponsored by 27 Wing Indian Air force C/o 56 APQ.
Source: D NML/IRM
Report No: TMP - 90053
Location: BOX / 7
Keywords: Broken Control Road
Year: 2003

MFN: 00018ARCHIV.MST

Author: Ghosh, S.Chaoudhry; Singh, S.R; Das, S.K, Mahato
Title: Metallurgical examination of damaged rotor of plunger pump Sl. No. 3304067001 sponsored. Kanpur, 4 Base Repair Dept.
Source: D NML/IRM
Report No: TMP - 0035
Location: BOX / 7
Keywords: Plunger Pump
Year: 2003

MFN: 00019ARCHIV.MST

Author: Ghosh, S.Chaoudhry; Das, G; Das, S.K; Singh, S.R
Title: Metallurgical examination of damaged rotor of plunger pump (ND – 55) Sl. No. 33906907073 Ex A/c No. MS - 3083 sponsored. Kanpur, 4 Base Repair Dept.
Source: D NML/IRM
Report No: TMP - 0035
Location: BOX / 7
Keywords: Plunger Pump

Year: 2003

MFN: 00020ARCHIV.MST

Author: Singh, S.R; Das, S.K; Lakra, B.A

Title: Investigation of coupling shaft pt. No. 470650190 & 470650199 and copper plug Pt. No. 020703034 of aeroengine Pt. No. 262581400050A Ex A/c No. IS – 599 sponsored. 4 Base Repair Dept. Kanpur.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/28/2003

Location: BOX / 1

Keywords: Investigation of coupling

Year: 2003

MFN: 00021ARCHIV.MST

Author: Singh, S.R; Das, S.K; Mahto, B

Title: Study on MgO insulation in collector of thermocouple (KT – 2) Chakere, Kanpur (Air force station).

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/11/2003

Location: Box / 1

Keywords: Collector of Thermocouple

Year: 2003

MFN: 00022ARCHIV.MST

Author: Singh, S.R; Das, S.K; Lakra, B.A

Title: Mechanisms and causes of damages in 2nd stage nozzle guide vases HPTR & LPTR blades of R – 27 M – 300 type – 47M Airengine Sl. 710474739004 A/c Ms-3080 sponsored by – Base repair dept. Air force station Chakere, Kanpur.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/14/2003

Location: Box / 1

Keywords: Mechanisms

Year: 2003

MFN: 00023ARCHIV.MST

Author: Singh, S.R

Title: Failure investigation of Aircraft support trestle sponsored by Capt. A.P. Garud. VM. 6 Wing Air force.

Source: D NML/IRM

Report No:

Location:

Keywords: Failure investigation

Year: 2003

MFN: 00024ARCHIV.MST

Author: Raju, Bhaskar; Prabhakar, S; Rao, S.S; Rao, P.R

Title: Treatment of Industrial effluents by Innovative flotation technique sponsored. Dept. of Biotechnology Go I.

Source: D NML/IRM

Report No: GAP – 0060-3101

Location: Box / 4

Keywords: Flotation Technique

Year: 2003

MFN: 00025ARCHIV.MST

Author: Singh, R; Chatteraj, I; kumar, A; Dey, P.K; Kumar, B, R; Das, S.K

Title: Impact of cold working on sensitization behavior of stainless steel.

Source: D NML/IRM

Report No: GAP – 0064

Location: Box / 4

Keywords: Stainless Steel

Year: 2003

MFN: 00026ARCHIV.MST

Author: De, Shobhna

Title: Testing of iron ore samples sponsor M/s TRF Ltd.

Source: D NML/IRM

Report No: STS - 0021

Location: Box / 6

Keywords: Iron Ore

Year: 2003

MFN: 00027ARCHIV.MST

Author: Chatteraj, I; Tarafder, S; Choudhury, P.N; Ranganath, V; Bhattamishra, A.K; and others.

Title: Evaluation of line pipe steels sponsor. Tata Steel.

Source: D NML/IRM

Report No: CLP - 0032

Location: Box / 2

Keywords: Steels

Year: 2003

2004

MFN: 0001ARCHIV.MST

Author: Singh, S.R; Das, M.K

Title: Assessment of microstructural degradation of 1st, 2nd, and 3rd stage turbine blades of AI-20D Aeroengine for TTL extraction sponsor. 3BRD Aircraft Station Chandigarh.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/39

Location: Box / 1

Keywords: Microstructural

Year: 2004

MFN: 0002ARCHIV.MST

Author: Singh, S.R; Das, S.K

Title: Investigation on foreign object damage in 2nd stage compressor rotor blades of R – 13 Aeroengines sponsor. Directorate of flight safety Air Headquarters (RKP).

Source: D NML/IRM
Report No: NML/MST/IAF/1.13/38
Location: Box / 1
Keywords: Compressor Rotor Blades
Year: 2004

MFN: 0003ARCHIV.MST

Author: Sondhi, S; Das, S.K; Chakravarty, S
Title: Metallurgical analysis of a fractured knob from hartgell propeller sponsor.
Hindustan aeronautics Limited Bassactpore factory.
Source: D NML/IRM
Report No: SSP - 9197
Location: Box / 5
Keywords: Metallurgical Analysis
Year: 2004

MFN: 0004ARCHIV.MST

Author: Das, G; Charkraborty, S; Dutta, A; Das, S.K; Gosh, C.S; Gupta, K.K; Ghosh, R.N
Title: Failure analysis of a high mast lamp post sponsor (AIADA) Adityapur
Industrial area development authority, Jamshedpur.
Source: D NML/IRM
Report No: SSP - 0194
Location: Box / 5
Keywords: Failure Analysis
Year: 2004

MFN: 0005ARCHIV.MST

Author: Mitra, A; Bhattacharya, D.K; Sinha, A; Pal, S.K; Panda, A.K
Title: Studies of the magnetic properties of Fe – N, alloys developed at VSSC
sponsor. Thiravanthapuram - VSSC.
Source: D NML/IRM
Report No: SSP - 0135
Location: Box / 5

Keywords: Alloys Developed

Year: 2004

MFN: 0006ARCHIV.MST

Author: Singh, S,R; Das, S.K

Title: Aircraft accident investigation of Mig – 29 aircraft KB – 736, Sensor.
Directorate of flight safety, Air headquarters (RKP), New Delhi.

Source: D NML/IRM

Report No: TMP - 90068

Location: Box / 5

Keywords: Aircraft Accident

Year: 2004

MFN: 0007ARCHIV.MST

Author: Singh, S,R; Das, S.K

Title: A comparative study of Russian, Indigenisid and failed rivets STA / KT – 192A
– 022 of Brake unit of AN – 32 aircraft, sensor. IBRD, Air force station, Chakei,
Kanpur – 208 008.

Source: D NML/IRM

Report No: SSP - 9220

Location: Box / 5

Keywords: Indigenisid and failed

Year: 2004

MFN: 0008ARCHIV.MST

Author: Sridhar, G; Singh, S.R; Chowdhury, S, Gosh; Das, S.K; Devi, Nagmani

Title: Metallurgical examination of damaged parts of R – 29 aero – engine of
aircraft MIG – 23 BN SM 226 sponsor. 4 Base repair department, Air force
Chakei, Kanpur.

Source: D NML/IRM

Report No: TMP - 90070

Location: Box / 6

Keywords: Indigenisid and failed

Year: 2004

MFN: 0009ARCHIV.MST

Author: Singh, S.R; Das, S.K

Title: Failure investigation of quill shaft and internal gear of main fuel LAB pumps of Mig – 21

T – 96 C – 1635 aircraft involved in Cat – I aircraft.

Source: D NML/IRM

Report No: NML/MST/IAF/1.3/46

Location:

Keywords: Failure investigation

Year: 2004

MFN: 00010ARCHIV.MST

Author: Singh, S.R; Das, S.K; Nagauari, K

Title: Accident investigation of MI – 17/Z – 2969 helicopter.

Source: D NML/IRM

Report No: NML/MST/IAF/1.3/45

Location:

Keywords: Failure investigation

Year: 2004

MFN: 00011ARCHIV.MST

Author: Bhagat, R.P; Sil, S.K; Chatteraj, U.S; Goswami, M.C; Maulik, Das, N.N; Kumar, B, Ravi

Title: Studies to increase reducibility and decrease at the sintering plants of Tata Steel, Collab. Tata Steel - NML.

Source: D NML/IRM

Report No: CLP - 0029

Location: Box / 2

Keywords: Increase Reducibility

Year: 2004

MFN: 00012ARCHIV.MST

Author: Mitra, A; Chattoraj, I; Rao, V
Title: Micromagnetic study on ferromagnetic materials.
Source: D NML/IRM
Report No: GAP - 0046
Location:
Keywords: Micromagnetic
Year: 2004

MFN: 00013ARCHIV.MST

Author: Premchand; Pandey, B.D; Jana, R.K; Metha, K.D; Das, C; Rao, A.S
Title: Studies on bioprocessing Indian Ocean nodules with reference to extraction of valuable metals funded by DST.
Source: D NML/IRM
Report No: GAP - 0065
Location: Box - 5
Keywords: Bioprocessing
Year: 2004

MFN: 00014ARCHIV.MST

Author: Singh, S.R; Das, S.K
Title: Aircraft accident investigation of Jaguar JS – 148, sponsor. Directorate of flight safety Air HQ. RKP.
Source: D NML/IRM
Report No: NML/MST/IAP/1.13/48
Location:
Keywords: Aircraft accident
Year: 2004

MFN: 00015ARCHIV.MST

Author: Mishra, Suman
Title: Synthesis and sintering of Zr/I diboride alumina composite by self propagating high temperature syntheses (SHS).
Source: D NML/IRM

Report No: GAP - 0057

Location:

Keywords: Synthesis and Sintering

Year: 2004

MFN: 00016ARCHIV.MST

Author: Singh, S.R; Das, S.K

Title: Damage assessment of wobbler plate of plunger pump Sl. No. 33906901073
Ex A/c No. Ms – 3083 sponsor, 4BRD, Air force station Chaheu Kapar Client
sqm lds. P.K. Sahoo, Kanpur.

Source: D NML/IRM

Report No: NML/MST/IAF/1.3/49

Location:

Keywords: Synthesis and Sintering

Year: 2004

MFN: 00017ARCHIV.MST

Author: Singh, S.R; Swaminathan, J; Das, S.K; Ghosh, R.N; Supra Maniay C

Title: Mechanical properties and microstructural assessment of 1st stage turbine
blade before and after rejuvenation, sponsor. National Thermal Power. Noida.

Source: D NML/IRM

Report No: SSP - 9189

Location:

Keywords: Mechanical Properties

Year: 2004

MFN: 00018ARCHIV.MST

Author: Singh, S.R; Das, S.K; Das, G

Title: Aircraft accident investigation of mirage – 2000 H / KF – 126, sponsor.
Directorate of flight safety Air Headquarter (RKP) New Delhi 110 066.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/50

Location:

Keywords: Flight Safety

Year: 2004

MFN: 00019ARCHIV.MST

Author: Rao, K.V; Maulik, S.C; Dey, Shobhana. Et al.

Title: Report on Beneficiation of iron ore sample, Chitiadungra, Karnataka.

Source: D NML/IRM

Report No: SSP - 0159

Location: Box / 5

Keywords: Flight Safety

Year: 2004

MFN: 00020ARCHIV.MST

Author: Bhattacharyya, P.K; Singh, R; Saha, P; Sarkeel, B.R; Sil, S.K; Chakrabarti, D.M; Srivastava, J.P

Title: Studies on efficacy of multigravity separator (MGS) for Beneficiation of coal fines.

Source: D NML/IRM

Report No: OLP - 23231

Location: Box / 4

Keywords: Beneficiation of Coal

Year: 2004

MFN: 00021ARCHIV.MST

Author: Venkateswarla, K; Pathak, L.C; Ray, A.K; Rao, V

Title: Department of Diamond reinforced composite coating.

Source: D NML/IRM

Report No: OLP - 22027

Location: Box / 4

Keywords: Beneficiation of Coal

Year: 2004

MFN: 00022ARCHIV.MST

Author: Misihra, T; Tiwari, S.K, Das, N.N; Mahato, B

Title: Characterisation and sorption of molecular siene type of materials derived from Fly Ash.

Source: D NML/IRM

Report No: OLP - 23431

Location: Box / 4

Keywords: Siene Type of Materials

Year: 2004

MFN: 00023ARCHIV.MST

Author: Chaudhary, P.N; Pal, J; Singh, D.P; Ghosh, S; Singh, Manjeet

Title: Dephosphorization of steel making slags.

Source: D NML/IRM

Report No: OLP - 23531

Location: Box / 4

Keywords: Steel Making

Year: 2004

MFN: 00024ARCHIV.MST

Author: Hore, S; Roy, Nilima, Dash, B; Ghosh, R.N; Choudhari, Sinha, A; Nayar, S; Das, S.K

Title: Unified model for prediction of high temperature mechanical behavior of engineering materials. (UNIMOD).

Source: D NML/IRM

Report No: OLP - 23631

Location: Box / 4

Keywords: Engineering Materials

Year: 2004

MFN: 00025ARCHIV.MST

Author: Sinha, A; Nayar, S; Das, S.K

Title: Design and synthesis of hychorey apatite basted hybrid composite for torth demineralization.

Source: D NML/IRM

Report No: OLP - 23731

Location: Box / 4

Keywords: Design and Synthesis

Year: 2004

MFN: 00026ARCHIV.MST

Author: Singh, S.R; Das, S.K; Singh D.D.N; Maulik, A.K; Ghosh, R.N

Title: Aircraft accident investigation of Mig – 27 Aircraft TS – 636 filled with Airengine HRD – 9002, sponsor. 4BRD, Air force station Chakui, Kanpur – 208 008.

Source: D NML/IRM

Report No: TMP - 90081

Location:

Keywords: Aircraft Accident

Year: 2004

MFN: 00027ARCHIV.MST

Author: Singh, S.R; Das, S.K

Title: Aircraft accident investigation of mirage 2000 A/c KT – 2007, sponsor. Directorate 10 flight safety Air HQ. (RKP) New Delhi

Source: D NML/IRM

Report No: TMP - 90080

Location: Box / 1

Keywords: Aircraft Accident

Year: 2004

MFN: 00028ARCHIV.MST

Author: Singh, S.R; Das, S.K

Title: Failure analysis of Bolt (Pl. No. 02007105) of high-pressure compressor casing of R – 29 Aeroengine Sl. No. 262581100330A and its compassion with new HAL supplied & indigenised Botts.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/52/2005

Location: Box / 1

Keywords: Failure Analysis

Year: 2004

MFN: 00029ARCHIV.MST

Author: Sondhi, S; Ghosh, R.N; Dash, B

Title: Modelling creep deformation crystal superalloys incorporation of crystallographic anisotropy.

Source: D NML/IRM

Report No: OLP - 002

Location: Box / 4

Keywords: Crystal Superalloys

Year: 2004

MFN: 00030ARCHIV.MST

Author: Das, S.K; Trafder, S; De, P.K; Sivaprasad, S

Title: Characterisation of flow behavior of microstructure engineered precipartation strengthened structural steel.

Source: D NML/IRM

Report No: OLP - 007

Location: Box / 4

Keywords: Structural Steel

Year: 2004

MFN: 00031ARCHIV.MST

Author: Chakaravarty, S

Title: Enevloymnt of NML's lion removal process in tubemell waters of Dorkaiai village of Potka block of Eaxt, Singhbhum district, Jharkhand.

Source: D NML/IRM

Report No: OLP - 0011

Location: Box / 4

Keywords: Enevloymnt

Year: 2004

MFN: 00032ARCHIV.MST

Author: Sagar, L; Panda, N; Sivaprasad, S; Bhattacharyya, D.K; Ghosh, R.N

Title: Development of an acoustic signal based non-destructive test technique for damage assessment of in service components.

Source: D NML/IRM

Report No: OLP - 0012

Location: Box / 4

Keywords: Components

Year: 2004

MFN: 00033ARCHIV.MST

Author: Pal, J; Goswami, M.C; Ghosh, S; Kumar, N; Upadhyay, A.K; Ming, R.K; Singh, B.P

Title: Explore the performance of DRI fines on the nitrogen removal in the furnace steel.

Source: D NML/IRM

Report No: OLP - 0007

Location: Box / 4

Keywords: Furnace Steel

Year: 2004

MFN: 00034ARCHIV.MST

Author: Tiwari, S.K; Singh, D.D.N

Title: Assessing the performance of CRS bars for their use in SSNL project, sponsored by. Hindustan construction Co. Ltd., Lakhtar, Gujarat.

Source: D NML/IRM

Report No: SSP - 0153

Location: Box / 4

Keywords: Assessing the performance

Year: 2004

MFN: 0001ARCHIV.MST

Author: Singh, S.R; Das, S.K; Soren, S

Title: Failure analysis of pressurisation and suction pipes of hydraulic assembly of Mig – 21 T – 96 A/c: - 12FBSU, Air force C/o 56 APO.

Source: D NML/IRM

Report No: TMP – 90084, SSP - 9254

Location: Box / 6

Keywords: Failure analysis

Year: 2005

MFN: 0002ARCHIV.MST

Author: Ghosh, Choudhary, Sandeep

Title: Report on the damaged sample of 6 X 250 MN Nathan, Jakri, hydro, sponsor Safety Jal Vidyatnigare Ltd., Jakri.

Source: D NML/IRM

Report No: SSP – 9238, TMP - 90086

Location: Box / 6

Keywords: Damaged Sample

Year: 2005

MFN: 0003ARCHIV.MST

Author: Bhagat, R.P; Chatteraj, U.S; Sil, S.K; Bhattacharya, K.K; Maulick, S.C; Konar, J; Kumar, Vinod

Title: Study on effect of the polymeric additives on the pelletisation behavior of sinter Min vis-à-vis the qualities of sinter and its productivity. SNF India, Pvt. Ltd., Hyderabad.

Source: D NML/IRM

Report No: SSP – 0170

Location: Box / 4

Keywords: Pelletisation Behavior

Year: 2005

MFN: 0004ARCHIV.MST

Author: Das, S.K; Singh, S.R; Ghosh, M; Ghosh, R.N

Title: Microstructural and hardness assessment of service exposed 1st & 2nd stage stator blades of gas turbine, sponsor. National Thermal Corp., Ltd.,

Source: D NML/IRM

Report No: NML/MST/SSP – 9229 / 231/ 2005

Location:

Keywords: Microstructural

Year: 2005

MFN: 0005ARCHIV.MST

Author: Venkatraman, R; Singh, S.R; Das, G

Title: Failure analysis of damaged wing tip of AVRO AC H – 1182, sponsor. Air force station.

Source: D NML/IRM

Report No: SSP – 9244

Location:

Keywords: Failure analysis

Year: 2005

MFN: 0005bARCHIV.MST

Author: Singh, D.D.N

Title: On the causes of collapse of steel bridge erected on river Daman Ganga at Daman.

Source: D NML/IRM

Report No: GAP – 0172

Location: Box / 2

Keywords: Steel bridge

Year: 2005

MFN: 0005bARCHIV.MST

Author: Singh, D.D.N

Title: On the causes of collapse of steel bridge erected on river Daman Ganga at Daman.

Source: D NML/IRM

Report No: GAP – 0172

Location: Box / 2

Keywords: Steel bridge

Year: 2005

MFN: 0006ARCHIV.MST

Author: Singh, S.R

Title: Failure mode analysis metallurgical examination of viper aeroengine jet pipe bellow assembly Ex Aircraft U – 719, 4 Base repair depot Air Force Station, Chakeri, Kanpur.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/58/2005

Location:

Keywords: Analysis Metallurgical

Year: 2005

MFN: 0007ARCHIV.MST

Author: Das, S.K; Singh, S.R

Title: Investigation on the residue of Fuel system of MIG – 21 Bison Aircraft 40 wing Air Force C/o 56 APO.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/64/2005

Location:

Keywords: Fuel system of MIG – 21

Year: 2005

MFN: 0008ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Failure investigation of 1st stage compressor Disc of MIOG – 27 Aircraft TS – 569 filled with Aeroengine Sl, No. 262584300099, sponsor, Kalaikunda.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/58/2005

Location:

Keywords: Failure investigation

Year: 2005

MFN: 0009ARCHIV.MST

Author: Singh, S.R; Kumar, B, Ravi; Das, S.K; Prida, N

Title: Root cause failure analysis of failed exciter supporting beam for TUF – 12 screen, sponsored by TRF Ltd.,

Source: D NML/IRM

Report No: NML/MST/IAF/SSP – 9246/244/2005

Location: Box / 4

Keywords: Failure analysis

Year: 2005

MFN: 00010ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Metallurgical analysis of the broken Tail Rotor Cable of MI – 8 Z – 1954, sponsor by Puram New Delhi.

Source: D NML/IRM

Report No: NML/MST/TMP – 90015/245/2005

Location:

Keywords: Metallurgical analysis

Year: 2005

MFN: 00011ARCHIV.MST

Author: Roy, A.K; Trafder, S; Ghosh, R.N; Choudhuri, S; Ranaganath, V.R; Prida, N; Das, N; Das, G; Swaminathan, J; Tiwari, Y.N; Goswami, B

Title: Thermochemical characterization of ceramic coating applied for combustion chamber liners / combustor liners.

Source: D NML/IRM

Report No: ACRO/RU – 134/100/10/MPP/2000-2001

Location: Box / 4

Keywords: Thermochemical characterization

Year: 2005

MFN: 00012ARCHIV.MST

Author: Pandey, B.D; Kumar, V; Agarwal, A; Bagchi, D; Jana, R.K. etal.

Title: Treatment of copper bleed solution for extraction of metal and acid by solvent extraction, Funded: - Dept. of Mines, Govt. of India.

Source: D NML/IRM

Report No: NML/MEF/GAP / 0059 / 238 / 2005

Location: Box / 2

Keywords: Treatment of copper bleeds

Year: 2005

MFN: 00013ARCHIV.MST

Author: De, P.K; Venkateswarlu, K; Prakash, S; Das, G; Das, S.K

Title: Forging and rolling of Ai-Sic Composites.

Source: D NML/IRM

Report No: NML/MEF/SSP - 0144 / 247/ 2005

Location: Box / 4

Keywords: Forging and rolling

Year: 2005

MFN: 00014ARCHIV.MST

Author:

Title: Estalilishing the cursers of corrosion of Darin Pipeline of knock-out Drums of Lakwa Plant of GAIL and suggesting preventive measures, sponsored, by: - Lakwa Plant at GAIL ,Assam.

Source: D NML/IRM

Report No: NML/ACC/SSP - 0219 / 242/ 2005

Location:

Keywords: Corrosion of Darin Pipeline

Year: 2005

MFN: 00015ARCHIV.MST

Author: Bhagat, R.P; Srivastava, J.P

Title: Investigation on settling of hydro-cyclone products coverflow of under-blow form Joda 2 Noamundi Mines and Evaluation of various flocculants, sidemilled to TRF Ltd., Jamshedpur.

Source: D NML/IRM

Report No: NML/MNP/STS - 0210/ 2005

Location: Box / 4

Keywords: Hydro-cyclone

Year: 2005

MFN: 00016ARCHIV.MST

Author: Maulik, S.C; Srivastava, J.P; Nayak, B

Title: Characterisation and petrographic studies on Limestone samples, sponsored by: RRL, Jorhat, Assam.

Source: D NML/IRM

Report No: NML/MNP/SSP - 0216/ 2005

Location: Box / 4

Keywords: Characterisation and petrographic

Year: 2005

MFN: 00017ARCHIV.MST

Author: Das, G; Singh, S.R; Das, S

Title: Failure investigation of ARK – 19 sense antenna of MIG – 29 Aircraft KS – 905, sponsored:- 223 squadron Air Force C/o 576 APO.

Source: D NML/IRM

Report No: NML/MST/TMP – 90096/248/ 2005

Location:

Keywords: Failure investigation

Year: 2005

MFN: 00018ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Metallurgical analysis of the broken tail drive shaft of MI – 8Z – 1954, sponsor: - air headquarters (RKP).

Source: D NML/IRM

Report No: NML/MST/TMP – 90098/249/ 2005

Location:

Keywords: Metallurgical analysis

Year: 2005

MFN: 00019ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Comparative studies on the material & mechanical properties of Tail Rotor Blades of Mi-8 and Mi-17 helicopters, sponsor: - 3 BRS Air force station.

Source: D NML/IRM

Report No: NML/MST/TAF/1.13/56/ 2005

Location:

Keywords: Material & Mechanical

Year: 2005

MFN: 00020ARCHIV.MST

Author: Singh, S.R; Parkash, S; Ghosh, R.N; Mehrotra, S.P

Title: Opinion on the development of Al-fi alloys, sponsor: - Gharda Chemicals Ltd., Mumbai.

Source: D NML/IRM

Report No: CNP - 0085

Location: Box / 1

Keywords: Opinion on the development

Year: 2005

MFN: 00021ARCHIV.MST

Author: Das, S.K; Singh, S.R; Ghosh, M

Title: Non destructive microstructural measurement of 1st stage Bucket of gas turbine, sponsor:- NTPC, RGCCPP, Kerala.

Source: D NML/IRM

Report No: SSP - 9250

Location: Box / 4

Keywords: Microstructural Measurement

Year: 2005

MFN: 00022ARCHIV.MST

Author: Singh, S.R; Ghosh, M; Das, S.K

Title: Failure analysis of copper during band and do coppering agent of 30mm GSH HEI (inert) aircraft ammunition, sponsor. 28ED, Air force Amla Depot (PO) MP.

Source: D NML/IRM

Report No: TMP - 90099

Location:

Keywords: Failure analysis

Year: 2005

MFN: 00023ARCHIV.MST

Author: Godiwala, K.M

Title: Extraction of magnesium form indigenous raw materials.

Source: D NML/IRM

Report No: GAP - 0030

Location:

Keywords: Indigenous raw materials

Year: 2005

MFN: 00024ARCHIV.MST

Author: Das, S.K; Singh, S.R; Gunjan, M.K

Title: Investigation on failure of drop tank suspension rod of Mig. 21T – 96 Aircraft.

Source: D NML/IRM

Report No: TMP - 9010

Location:

Keywords: Investigation on failure

Year: 2005

MFN: 00025ARCHIV.MST

Author: Konar, J; Upadhyay, A.K; Chakraborty, S; Gupta, K.K

Title: Analysis of major and minor elements in coal and siliceous materials by Atomic Absorption spectrometer.

Source: D NML/IRM

Report No: OLP - 003

Location: Box / 3

Keywords: Coal and Siliceous Materials

Year: 2005

MFN: 00026ARCHIV.MST

Author: Pandey, B.D; Kumar, R; Metha, K.D; Das, C; Giri, A.K; Mehrotra, S.P

Title: Bioleaching of valuable metals from mech and chemically activated ocean nodules.

Source: D NML/IRM

Report No: OLP - 2004

Location: Box / 3

Keywords: Bioleaching

Year: 2005

MFN: 00027ARCHIV.MST

Author: Bhattamishra, A.K; De, P.K; Basu, D.K; Mandhyan, A; Das, S.K; Narang, S.K

Title: Localised corrosion of metal composites.

Source: D NML/IRM

Report No: OLP -0006

Location: Box / 3

Keywords: Metal Composites

Year: 2005

MFN: 00028ARCHIV.MST

Author: Rao, D.S; Narasiman, B.R.V; Srikanth, S; Kumar, T.V.Vijaya; Kumar, B.Ravi; Mehrotra, S.P

Title: Effect of mechano – chemical activation and mineralogy of chromite on the formation and dissolution of Cr (VI) in aqueous solutions.

Source: D NML/IRM

Report No: OLP - 0013

Location: Box / 3

Keywords: Activation and Mineralogy

Year: 2005

MFN: 00029ARCHIV.MST

Author: Kumar, S.C; Srikanth, S; Mukhopadhyay, Rao, D.S; Kumar, B.Ravi; Das, S; Mehrotra, S.P

Title: Enhanced liberation and acid leaching kinetics of limonite through mechano chemical processing.

Source: D NML/IRM

Report No: OLP - 0015

Location: Box / 3

Keywords: Acid Leaching

Year: 2005

MFN: 00030ARCHIV.MST

Author: Srikanth, S; Alex, T.C; Kumar, S.C

Title: Critical evaluation of the various kinetic methods and their application to polymers and combustion of two biomass bagasse and groundnutcell.

Source: D NML/IRM

Report No: OLP - 0016

Location: Box / 3

Keywords: Kinetic Methods

Year: 2005

MFN: 00031ARCHIV.MST

Author: Panda, A.K; Mitra, A; De, P.K; Gorai, S

Title: Development of Nanocrystalline soft magnetic materials for High temperature applications.

Source: D NML/IRM

Report No: OLP - 0020

Location: Box / 3

Keywords: Magnetic Materials

Year: 2005

MFN: 00032ARCHIV.MST

Author: Gorai, S, Madhyan, A

Title: Development of potent corrosion inhibitors of metals in acidic medium using heterocyclic compounds.

Source: D NML/IRM

Report No: OLP - 0022

Location: Box / 3

Keywords: Corrosion

Year: 2005

MFN: 00033ARCHIV.MST

Author: Ghosh, M; Paramannick, A; Ghosh Choudhary, S; Singh, S.R

Title: Phase transformation in secondary reaction zone (SRZ) in polycrystalline gas turbine blade made of r / r Ni base superalloy.

Source: D NML/IRM

Report No: OLP - 0027

Location: Box / 3

Keywords: Phase transformation

Year: 2005

MFN: 00034ARCHIV.MST

Author: Madhyan, A; Mehrotra, S.P; Prakash, S; Pal, S.K

Title: Assessment of NML technologies.

Source: D NML/IRM

Report No: OLP - 0008

Location: Box / 3

Keywords: NML technologies

Year: 2005

MFN: 00035ARCHIV.MST

Author: Narasimhan, B.R.V; Kumar, S; Sankarnarayan, T.S
Title: Synthesis of manganese zinc ferrite from ferrous pickle liquor and manganese ore.
Source: D NML/IRM
Report No: OLP - 0017
Location: Box / 3
Keywords: Manganese Ore
Year: 2005

MFN: 00036ARCHIV.MST

Author: Venkatraman, R; Pathak, L.C; Kumar, B.Ravi; Das, G; Das, S.K; Singh, S.R; Gopalakrishnan, K; Ghosh, R.N
Title: Study on enhanced and phase stability in pure alumina and alumina – litania as thermally sprayed coating and correlation to adhesive or cohesive strength of coatings.
Source: D NML/IRM
Report No: OLP - 0018
Location: Box / 3
Keywords: Coating
Year: 2005

MFN: 00037ARCHIV.MST

Author: Paramanick, A.K; Sinha, A; Das, G; Pathak, L.C; Singh, S.R; Ghosh, R.N
Title: Geometrical characterization of grain boundary using Atomic force Microscopy.
Source: D NML/IRM
Report No: OLP - 0025
Location: Box / 3
Keywords: Geometrical Characterization
Year: 2005

MFN: 00038ARCHIV.MST

Author: Narasaiah, N; Parsad, S.Siva; Swaminathan, J; Sahu, J.k; Tarfader, S
Title: Crack initiation and short fatigue crack growth behavior in structural steels.
Source: D NML/IRM

Report No: OLP - 0033

Location: Box / 3

Keywords: Steels

Year: 2005

MFN: 00039ARCHIV.MST

Author: Prasad, Sanjay; Mehrotra, S.P; Ranganathan, S; Maharaj, Lal

Title: Recovery of nickel from spent nickel catalyst.

Source: D NML/IRM

Report No: OLP - 23831

Location: Box / 3

Keywords: Nickel Catalyst

Year: 2005

MFN: 00039ARCHIV.MST

Author: Prasad, Sanjay; Mehrotra, S.P; Ranganathan, S; Maharaj, Lal

Title: Recovery of nickel from spent nickel catalyst.

Source: D NML/IRM

Report No: OLP - 23831

Location: Box / 3

Keywords: Nickel Catalyst

Year: 2005

MFN: 00040ARCHIV.MST

Author: Pandey, B.D; Kumar, Vijay; Sahu, S.K; Upadhyay, A.K

Title: Extraction of Cu & Ni by hydrometallurgical route.

Source: D NML/IRM

Report No: SSP - 0166

Location: Box / 4

Keywords: Hydrometallurgical

Year: 2005

MFN: 00041ARCHIV.MST

Author: Panda, A.K; Mitra, A; De, P.K; Gorai, S

Title: Development of Nanocrystalline soft magnetic materials for high temperature applications.

Source: D NML/IRM

Report No: OLP - 0020

Location: Box / 3

Keywords: Magnetic Materials

Year: 2005

MFN: 00042ARCHIV.MST

Author: Tiwari, S.K; Mishra, T

Title: Properties evaluation of Aluminium and Stainless Steel utensils, sponsor. Gujarat Rural Industries Corp. Ltd., Gandhinagar, Gujarat.

Source: D NML/IRM

Report No: SSP - 0158

Location: Box / 4

Keywords: Stainless Steel

Year: 2005

MFN: 00043ARCHIV.MST

Author: Tiwari, S.K; Singh, D.D.N Mishra, T

Title: Performance evaluation of reinforcement Bars for their use in SSNNL project, sponsor. Saurashtra branch canal div. Mo. $\frac{1}{4}$ Dhrangadhra.

Source: D NML/IRM

Report No: SSP - 0154

Location: Box / 4

Keywords: Reinforcement Bars

Year: 2005

MFN: 00044ARCHIV.MST

Author: Sahu, R.K; Pathak, L.C; Ray, A.K; Panda, A.K

Title: Microwave assisted combustion synthesis of magnetic alloys: Nanoparticles and Nanowire.
Source: D NML/IRM
Report No: OLP - 0029
Location: Box / 3
Keywords: Magnetic Alloys
Year: 2005

2006

MFN: 0001ARCHIV.MST

Author: Singh, S.R; Ghosh, M; Das, S.K
Title: Investigation of caving of Mig – 2825, sponsored by, Directorate of Engineering A Air Head quarters (VB). New Delhi.
Source: D NML/IRM
Report No: TMP - 90101
Location: Box / 7
Keywords: Directorate of Engineering
Year: 2006

MFN: 0002ARCHIV.MST

Author: Kumar, B. Ravi; Singh, S.R; Mathato, B
Title: XRD Residual stress analysis of Maid landing gears of AN – 32 aircraft, sponsor. 18RA force, Chakeri, Kanpur – 208 008.
Source: D NML/IRM
Report No: TMP - 90102
Location: Box / 7
Keywords: Stress Analysis
Year: 2006

MFN: 0003ARCHIV.MST

Author: Sridhar, G; Singh, S.R; Das, S.K; Gungan, M.K; Das, G

Title: Failure analysis of engine Block of 6.2 MW DG set Hindustan glass Ltd.,
Sponsor. M/s Cursing Lindsey International Pvt. Ltd., New Delhi – 110 030.

Source: D NML/IRM

Report No: SSP - 9276

Location: Box / 6

Keywords: Failure Analysis

Year: 2006

MFN: 0004ARCHIV.MST

Author: Sridhar, G; Singh, S.R; Das, S.K

Title: Assessment of microstructural degeneration in base metal and coating of
service exposed in 738 LC Gas Turbine blade. Sponsor. M/s National Thermal
power corp. Ltd., R&D center Noida – Dist. (UP) – 201 301.

Source: D NML/IRM

Report No: SSP - 9280

Location: Box / 6

Keywords: Metal and Coating

Year: 2006

MFN: 0005ARCHIV.MST

Author: Jindal, V; Srivastava, V.C; Mishra, S.K; Das, G; Ghosh, R.N

Title: Study of structural evaluation and mechanical properties of IF steel and
aluminum sheets processed by ARB process.

Source: D NML/IRM

Report No: OLP - 0034

Location: Box / 3

Keywords: Mechanical Properties

Year: 2006

MFN: 0006ARCHIV.MST

Author: Sridhar, G; Ghosh Choudhury, S; Singh, S.R; Parida, N; Singh, D.D.N; Das,
S.K; Roy, P.K; Das, G; Gunjan, M.K

Title: Failure analysis of LP Turbine Blade of NTPC – Tanda, sponsor. M/s National
Thermal power Corporation Ltd., Tanda Vidyut Nagar, Ambedkanagar Distt.
UP – 224 238.

Source: D NML/IRM
Report No: SSP - 9288
Location: Box / 6
Keywords: Failure analysis
Year: 2006

MFN: 0007ARCHIV.MST

Author: Basu, Bikramjit; Mishra K.S
Title: Development toughened Zirconia composites ceramics for tribological application.
Source: D NML/IRM
Report No: GAP - 0108
Location: Box / 4
Keywords: Composites Ceramics
Year: 2006

MFN: 0008ARCHIV.MST

Author: Kumar, B. Ravi; Singh, S.R; Mahato, B
Title: XRD Residual stress analysis of life expired main loading gear of AN – 32 aircraft, sponsor. 1 BRD. Air force Chakeri, Kanpur.
Source: D NML/IRM
Report No: TMP - 90104
Location:
Keywords: Stress Analysis
Year: 2006

MFN: 0009ARCHIV.MST

Author: Singh, S.R; Gunjan, M.K; Kumar, Arvind
Title: Failure analysis of Bolts of whed Hub assembly of AN – 32 aircraft and comparative metallurgical analysis of Russian and Indigerised Bolts. Sponsor. Chakeri, Kanpur - 8.
Source: D NML/IRM
Report No: TMP - 90105

Location:

Keywords: Failure analysis

Year: 2006

MFN: 00010ARCHIV.MST

Author: Tiwari, S.K; Mishra, T

Title: Studies on corrosion, physical and chemical properties of CRC for their in Narmada Project Canal, sponsor. Narmada project canal Div. No. 10 Viramnagar.

Source: D NML/IRM

Report No: SSP - 0230

Location: Box / 6

Keywords: Corrosion, Physical and Chemical

Year: 2006

MFN: 00011ARCHIV.MST

Author: Sahoo, K.L; Ghosh, S; Kumar, A Das, S.K; De, P.K; Chakraborty, S

Title: Development of cast Al – Fe – Si alloys as a wear resistant and elevated temperature materials of application in engineering industries sponsor. Under SERC (Engineering) DST.

Source: D NML/IRM

Report No: GAP - 0083

Location: Box / 4

Keywords: Wear Resistant and Elevated Temperature Materials

Year: 2006

MFN: 00012ARCHIV.MST

Author: Kailath, Ansu.J; Panda, A.K; Ming, R.K; Das, G; Giri, A.K; Ghosh, H; Mathato, B, Kumar, A

Title: Synthesis and characterisation of copper based bulk amorphous nanophase alloys as melt spun ribbons.

Source: D NML/IRM

Report No: OLP - 0023

Location: Box / 3

Keywords: Copper

Year: 2006

MFN: 00013ARCHIV.MST

Author: Mandal, D

Title: Development of cast austempered Fe – Mn – Si – Me (Microalloying elements steels).

Source: D NML/IRM

Report No: OLP - 0026

Location: Box / 3

Keywords: Steels

Year: 2006

MFN: 00014ARCHIV.MST

Author: Das, A; Dey, S; Maulik, S.C; Bhattacharyya, K.K; Konar, J

Title: Processing of waste printed circuit boards project No. OLP - 0032.

Source: D NML/IRM

Report No: OLP - 0032

Location: Box / 3

Keywords: Circuit boards

Year: 2006

MFN: 00015ARCHIV.MST

Author: Mnandhyan, A.R; Chatteraj, I; Mishra, S.K; De, P.K

Title: Study of hydrogen permeation behavior of high strength aluminum alloys.

Source: D NML/IRM

Report No: OLP - 0039

Location: Box / 3

Keywords: Aluminum alloys

Year: 2006

MFN: 00016ARCHIV.MST

Author: Singh, S.R; Ghosh, M; Das, S.K
Title: Metallurgical analysis of copper driving band of GSH 30MM HEI (inest)
aircraft ammunition of Russian origin, sponsor. Air (HQ) Vayu Bhawan New
Delhi – 110 011.
Source: D NML/IRM
Report No: TMP - 90103
Location: Box / 7
Keywords: Metallurgical, Copper
Year: 2006

MFN: 00017ARCHIV.MST

Author: Podar, P; De, P.K; Paul, K.K; Sahoo, K.L. et.
Title: Development of Rheocasting facility and production of Mg – Based
Composites.
Source: D NML/IRM
Report No: OLP - 0038
Location: Box / 3
Keywords: Composites
Year: 2006

MFN: 00018ARCHIV.MST

Author: karuna, P.P; Mishra, S; Pathak, L; Ghosh, R.N
Title: Nano indentation studies of TiB₂ films.
Source: D NML/IRM
Report No: OLP - 0049
Location: Box / 3
Keywords: Films
Year: 2006

MFN: 00019ARCHIV.MST

Author: Jarafdur, M; Das, S.k; Das, B, Trafder, S; Chattoraj, I
Title: Fractal characterisation of ductile fracture surface.

Source: D NML/IRM
Report No: OLP - 0031
Location: Box / 3
Keywords: Fracture Surface
Year: 2006

MFN: 00020ARCHIV.MST

Author: Srivastava, V.C; De, P.K; Lakra, B.A; Pramanick, A.K; Das, G; Kumar, B.Ravi
Title: Development of Quasicrystal reinforced aluminum based metal matrix composites.
Source: D NML/IRM
Report No: OLP - 0019
Location: Box / 3
Keywords: Composites
Year: 2006

MFN: 00021ARCHIV.MST

Author: Narasimhan, B.R.V; Rao, D.S; Kumar, Rakesh; Alex, T; Das, Sapan; Mehrotra, S.P
Title: Mechanochemical activation of Zircon sands – A low temperature route for liberation of Zirconia.
Source: D NML/IRM
Report No: OLP - 0014
Location: Box / 3
Keywords: Zircon Sands
Year: 2006

MFN: 00022ARCHIV.MST

Author: Pandey, B.D; Sahu, S.K; Godiwala, K.M; Pal, J; Agrawal, Sanjay; Maharaj, Lal
Title: Development of a process for the production of Zinc Dust.
Source: D NML/IRM
Report No: OLP - 0005
Location: Box / 3

Keywords: Zinc Dust

Year: 2006

MFN: 0001ARCHIV.MST

Author: Sridhar, G; Singh, SR; Das, S.K.; Gungan, Manojkr; Rupa, P.K.P

Title: Failure analysis of damaged parts of a roller press at Jay Pec Bela Cement Plant, MP Sponsored: M/s Cunningham Lindsey Int. Ltd, New Delhi.

Source: D NML/IRM

Report No: SSP 9326

Location: Box/6

Keywords: Failure analysis

Year: Jan 2007

MFN: 0002ARCHIV.MST

Author: Malik, co. ora 9bdm0; SONI, D.B; MOHEKAR, A.D

Title: Abatement of air-pollution from steel industries at MIDC, Industrial area, Jalna Aurangabad, Maharashtra pollution control board, MPCB, Mumbai collaborator: Maharashtra pollution control board, Aurangaboad & Steel Manufacutres's Assoc. Jolna.

Source: D NML/IRM

Report No: CNP 0087

Location: Box/3

Keywords: air-pollution from steel

Year: 2007

MFN: 0003ARCHIV.MST

Author: Ghosh, M; Das, S.K; Singh, S.R

Title: Failure analysis of 1st stage compressor blades of Sukhoi-30 MKI Aircraft.
Sponsor: Air force station, Lohegaon Pur-32, Maharashtra.

Source: D NML/IRM

Report No: NML/MST/TMP-90108

Location: Box/7

Keywords: Failure analysis

Year: 2007

MFN: 0004ARCHIV.MST

Author: Singh, S.R; Gosh, M; Das, S.K

Title: Failure analysis of 1st & 2nd stage compressor rotor blades of R-13, Aeroengines

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/77/2007

Location: Box/7

Keywords: Failure analysis

Year: 2007

MFN: 0005ARCHIV.MST

Author: Ghosh, M; Das, Singh, S.R; Das, S.k

Title: Material analysis to ascertain reasons for corrosion of mechanical aggregates of MIG-29 aircraft sponsor: II Base Repair Depot Air force station, Ojhar Nasik-422221.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/57/2006/ TMT090106

Location: Box/7

Keywords: Material analysis

Year: 2007

MFN: 0006ARCHIV.MST

Author: Singh, S.R; Das, S.K; Gungan, M.K

Title: Flying accident to Mig-21/C-1129 of MOFTU 'A'/11 Wg/EAC sponsor: HQ, IAF C/0 99. APO

Source: D NML/IRM

Report No: TMP-90110

Location: Box-7

Keywords: Flying accident

Year: 2007

MFN: 0007ARCHIV.MST

Author: Sridhar, G; Murthy, G.V.S; Das, G; Das, S.K; Gungan, M.K; Singh, S.R; Ghosh, R.N

Title: Investigation of defects in drill pipe, Sponsor: M/s International Business Consultancy, Secunderabad- 500 011.

Source: D NML/IRM

Report No: SSP-0338

Location: Box/6

Keywords: Drill Pipe

Year: 2007

MFN: 0008ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.k

Title: Failure investigation ALH AC- J 4062 helicopter Bangalore, 414, Air force station yelharka.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/78/2007

Location: Box/7

Keywords: Failure investigation

Year: 2007

MFN: 0009ARCHIV.MST

Author: Bhaskar, R.G; Prabhakar, S; Suba Rao. S; Rao, D.S; Kumar Vijaya. T

Title: Treatment of Tannery effluents by electrocaulation & fildation under projects environment friendly leather processing (CSIR) Gustom House futicons.

Source: D NML/IRM

Report No: SSP-0010

Location: Box/6

Keywords: Treatment of Tannery

Year: 2007

MFN: 00010ARCHIV.MST

Author: Rao, D.S; Kumar, Vijaya D

Title: Characterisation of mineral samples, submitted to Commissioner of the Customs, Custom House, Juticons.

Source: D NML/IRM

Report No: SSP-0328

Location: Box/6

Keywords: Characterisation of mineral

Year: 2007

MFN: 00011ARCHIV.MST

Author: Singh, S.R; Gungn, M.K; Mahto

Title: Investigation on deformation at rotor blades of Mig-21, T-96, C-1585, Sponsor: 27 wing, Air force, C/o 56 APO.

Source: D NML/IRM

Report No: NML/MST/IAR/1.13/81/2007

Location: Box/7

Keywords: Characterisation of mineral

Year: 2007

MFN: 00012ARCHIV.MST

Author: Kumar, Manoj; Kumar, Vinay; Singh, T.B; Bagchi, D; Konar, J

Title: Production of Copper powder from Industrial wastes.

Source: D NML/IRM

Report No: OLP-0042

Location:

Keywords: Copper powder

Year: 2007

MFN: 00013ARCHIV.MST

Author: Ranganathan, S

Title: Investigation of Chromite Ores at low Temperature.

Source: D NML/IRM

Report No: OLP-0037

Location:

Keywords: low Temperature

Year: 2007

MFN: 00014ARCHIV.MST

Author: Prasad, Sanjay; Minj, R.K; Lal, Maharaj

Title: Extraction Chromium from stainless steel dust.

Source: D NML/IRM

Report No: OLP-0058

Location:

Keywords: Stainless steel

Year: 2007

MFN: 00015ARCHIV.MST

Author: Sen, S

Title: Preparation & evaluation of structural microstructure & electrical properties of polymer-ceramic composite.

Source: D NML/IRM

Report No: OLP-0050

Location:

Keywords: electrical properties

Year: 2007

MFN: 00016ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Failure investigation of Nose jack mounting bracket of AVRO aircraft H-1517,
Sponsor: 19 king, Air force station C/o 99 APO Gwahiti.

Source: D NML/IRM

Report No: TMP-90113

Location: Box/7

Keywords: Failure investigation

Year: 2007

MFN: 00017ARCHIV.MST

Author: Singh, S.R; Gungan, M.K; Kumar, Arvind

Title: Material Identification of Handle Rack & Rack pinion of EKG shovel, Sponsor:
Western coalfields Limited, Coals, Lab civil lines, Nagpur-440 001.

Source: D NML/IRM

Report No: NML/MST/WCL/2007

Location: Box/7

Keywords: Material Identification

Year: 2007

MFN: 00018ARCHIV.MST

Author: Pandey, B.D; Metha, K.D; Kumar, Vinay; Singh,S; Giri, A.K

Title: Biomineral processing for extraction of metal values from ores / concentrates /
wastes: Collaborator: UCIL, Jaduguda

Source: D NML/IRM

Report No: COR-0020 (ILP-011)

Location: Box/3

Keywords: Biomineral processing

Year: 2007

MFN: 00019ARCHIV.MST

Author: Pandey, B.D; Kumar, V; Sahu, S.K; Mehta, K.D; Agrawal, A; Bagchi, D; Lal
Maharaj

Title: Treatment / Bioremediation of Electroplating and Leather tanning effluents
containing chromium – CSIR network project.

Source: D NML/IRM

Report No: COR-008 (ILP-013)

Location: Box-3

Keywords: Electroplating

Year: 2007

MFN: 00020ARCHIV.MST

Author: Singh, S.R; Das, S.K; Das, G; Gungan, M.K

Title: Failure analysis of a carrier bomb light stone (CBLs) lug on Mig-21 type 96
Aircraft, Sponsor: Air force station, Jamnagar, Gujrat.

Source: D NML/IRM

Report No: TMP-90106

Location: Box-7

Keywords: Failure analysis

Year: 2007

MFN: 00021ARCHIV.MST

Author: Sahu, S.K; Pandey, B.D; Panda, Asish; Giri, A.K

Title: Synthesis of nickel based high value materials from low grade feed stocks and secondary materials by solvent extraction.

Source: D NML/IRM

Report No: GAP-0106

Location: Box/4

Keywords: solvent extraction

Year: 2007

MFN: 00022ARCHIV.MST

Author: Raju, G.B; Prabhakar, S (Madras Centre)

Title: Treatment of Textile Effluents by Electrochemical techniques sponsor by GMDC science & research centre Ahmedabad.

Source: D NML/IRM

Report No:

Location:

Keywords: Treatment of Textile

Year: 2008

MFN: 00023ARCHIV.MST

Author:

Title: Failure analysis of LP Turbine free standing blade, Sponsored by TB Thermal Power Station, Orissa Power Generation Corp. Ltd,

Source: D NML/IRM

Report No: TMP-90116

Location:

Keywords: Failure analysis

Year: 2007

MFN: 00024ARCHIV.MST

Author: Singh, S.R; Das, S.K

Title: Failure analysis of cables of under carriage door control mechanism: An-32 aircraft sponsored by IBAD, Kanpur.

Source: D NML/IRM

Report No: NML/MST/IAF/1.12/82/2007

Location:

Keywords: Failure analysis

Year: 2008

MFN: 00025ARCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Metallurgical analysis of the damaged wheel, hub of AVRO HS-748 H-1517
Sponsored by Air Force Station, Borjhar, Guwahati, Assam.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/80/2007

Location:

Keywords: Metallurgical analysis

Year: 2008

MFN: 00026ARCHIV.MST

Author: Ghosh, Chaudhary S; Das, G; Das, S.K; Sivaprasad, S; Singh, S.R; Ghosh, R.N

Title: Failure analysis of a LP Turbine free standing blade, Sponsored by IB Thermal Power Station, Orissa Power Generation Corp. Ltd,

Source: D NML/IRM

Report No: NML/MST/FA/1.14/2007

Location:

Keywords: Failure analysis

Year: 2008

MFN: 00027ARCHIV.MST

Author: Singh, S.R; Mohapatra, J.N; Mitra, A; Sivaprasad, S; Tarafdar, S; Sagar, Patil. S; Das, G; Ghosh, R.N

Title: Assessment of residual stress on RH wing swivel unit of MIG-27 A/c TS-661,
Sponsored by: Hindustan Aeronautics Ltd, Aircraft upgrade R&D Centre. Ojar,
Nasik – 422 207.

Source: D NML/IRM

Report No: NML/MST/HAL/84

Location:

Keywords: Residual Stress

Year: 2008

MFN: 00028ARCHIV.MST

Author: Ghosh, R.N; Vaish, A.K; Singh, S.R; Ghosh Chawdhary. S; Humane, M.M; Minj, R.K; Kumar, Ravi

Title: High strength formable steels for automobile applications, Sponsored by:
Tripartite collaborative project of IIT (KGP); NML & Tata Steel.

Source: D NML/IRM

Report No: CLP-0034

Location:

Keywords: steels

Year: 2008

MFN: 00029ARCHIV.MST

Author: Dr. Singh, S.R

Title: Materials equivalence of Russian materials for Invar missile, Sponsor: Bhart
Dynamics the Ministry of Defence Bhanur, Dist. Medak Pin – 502 305.

Source: D NML/IRM

Report No: NML/MST/BDL-Bhanur/VNP-0095

Location:

Keywords: Materials equivalence

Year: 2008

MFN: 00030ARCHIV.MST

Author: Dr. Sridhar, G (PL); Dr. Singh, S.R (Co-PL)

Title: Failure analysis of moving roller process of cement mill #2 of shree cement company, Sponsor: M/s United Technical Services, Udaipur – 313 001 (Rajasthan) 69, Anand Nagar University Road.

Source: D NML/IRM

Report No: NML/MST/UTS/SSP-9398

Location:

Keywords: Failure analysis

Year: Jan. 2008

MFN: 00031ARCHIV.MST

Author: Dr. Sridhar, G (PL); Dr. Singh, S.R; Das, G; Mr. Gungan, M.K; Das, S.L; Dr. Upadhyay, A.k

Title: Failure analysis of 8.25 MW turbine rotor shaft, Sponsor: Chandigarh Distillers & Bottlers Ltd., Chandigarh.

Source: D NML/IRM

Report No: NML/MST/CDB/SSP-9402

Location:

Keywords: Failure analysis

Year: Mar. 2008

MFN: 00032ARCHIV.MST

Author: Gupta, K.K (PL) Manoharma; Kumar, Stender

Title: Effect of Cryo-deformation on Aging characteristics of Age-herdenable aluminium alloys.

Source: D NML/IRM

Report No: OLP-0030

Location:

Keywords: characteristics

Year: 2008

MFN: 00033ARCHIV.MST

Author: Singh, R; Chadhury, S. Gosh; Chatteraj, I; Das, S.K; Ranikumar, B; De, P.K

Title: Optingiation of Sersitigation and intergranular corrosion (IGC) Resistance of 304L stainless steel by Grain Boundary Engineering.

Source: D NML/IRM

Report No: CLP-0041

Location:

Keywords: Corrosion

Year: 2008

MFN: 00034ARCHIV.MST

Author: Dasgupta, Arun (PL); Mr. Chadursekahr; Dr. Kumar, V; Dr. Goel, R.P

Title: Filtration study for reparation of solid particks from slurry generated in hydrometallurgical processing of Ore and Concentrates.

Source: D NML/IRM

Report No: OLP-0052

Location:

Keywords: Hydrometallurgical Processing

Year: 2008

MFN: 00035ARCHIV.MST

Author: Dr. Ray, N (PL); Dr. Ghosh, R.N; Swaminathan, ; Bose, S.C

Title: A stochastic model for assessment of creep damage.

Source: D NML/IRM

Report No: OLP-0061

Location:

Keywords: Creep Damage

Year: 2008

MFN: 00036ARCHIV.MST

Author: Sankara, T.S.Narayana(PL); Kumar, Satendra(Madrass Centre)

Title: Studies on the electrochemical behaviour of Ti-Mo alloys in fluoride medium to assess their suitability for dental implant applications.

Source: D NML/IRM

Report No: OLP-0073

Location: Keywords: Studies on the Electrochemical

Year: 2008

MFN: 00037ARCHIV.MST

Author: Dr. Gosh, R.N;(PL); Dr. Paoda, N; Dr. Mitra, A

Title: NDE Centre infrastructure asset management.

Source: D NML/IRM

Report No: GAP-0097

Location:

Keywords: Asset Management

Year: 2008

MFN: 00038ARCHIV.MST

Author: Dr. Rao, D.S; Mr. Kumar, S. Suba; Dr. Rao, S. Suba; Dr. Prabhakar, S;

Title: Beneficiation of Siliceous line stone from Jayanthipuram deposit.

Source: D NML/IRM

Report No: SSP-0358

Location:

Keywords: Siliceous line stone

Year: 2008

MFN: 00039ARCHIV.MST

Author: Dr. Ghosh, M; Dr. Singh, S.R; Dr. Das,S; Mr. Gungan, M

Title: Failure analysis of broker injection wheel hole clearing tool, sponsored by Air Force Station, Allahabad.

Source: D NML/IRM

Report No: TMP-90120

Location:

Keywords: Failure analysis

Year: 2008

MFN: 00040ARCHIV.MST

Author: Dr. Biswas, P.K; Dr, Vaish, A.K; Dr. Singh, S.K; and his team

Title: Documentation and development of Iron Making Process used by Tribals by the Ministry of Steel.

Source: D NML/IRM

Report No: GAP-0124

Location:

Keywords: Iron Making Process

Year: 2008

MFN: 00041ARCHIV.MST

Author: Dr. Ranagathan, S; Dr. Goel, R.P

Title: Investigation on the utilisation of alternative raw materials in the production of Phosphorus using the submerged Arc Furnace sponsored by United Phosphorus Ltd., Jjagadia, Gujarat.

Source: D NML/IRM

Report No: SSP-0222

Location:

Keywords: Raw Materials

Year: 2008

MFN: 00042ARCHIV.MST

Author: Mr. Das, Arpan; Dr. Singh, S.R

Title: Damage assessment of critical metallic locations exposed to heat due to fire on MIG-29A/c KS-3305. Sponsored by II BRD Air Force Station, Ojhar, Nasik.

Source: D NML/IRM

Report No: NML/MST/IAFI

Location:

Keywords: Critical Metallic

Year: 2008

MFN: 00043ARCHIV.MST

Author: Dr. Ghosh, M.K; Das, S.K; Dr. Singh, S.R

Title: FOD Charactersiation of the damage compressor blades of MIG-29 KB-3111. Sponsored by 33 wing, IAF, CIO.

Source: D NML/IRM

Report No: NML/MST/IAFI

Location:

Keywords: Damage Compressor Blades

Year: 2008

MFN: 00044ARCHIV.MST

Author: Dr. Singh, D.R; Dr. Das. Swapan

Title: Failure investigation of broken sword antenna of MIG-29 Trainer Aircraft Ks-903
Sp. By 9 Wing, Air Force Station Distt-Ludhiana, Punjab.

Source: D NML/IRM

Report No: NML/MST/IAFI/1.13/92/2008

Location:

Keywords: Failure investigation

Year: 2008

MFN: 00045ARCHIV.MST

Author: Dr. Singh, D.R; Dr. Das. S.K

Title: Failure investigation of bolt of Camera Pod of MIG-21, Aircraft. Sp. By 27 wing,
Air Force Station APO.

Source: D NML/IRM

Report No: NML/MST/IAFI/1.13/90/2008

Location:

Keywords: Bolt of Camera

Year: 2008

MFN: 00046ARCHIV.MST

Author: Dr. Sridhar, G; Dr. Singh, S.R; Dr. Das, S.K

Title: Failure investigation of bolt of Camera Pod of MIG-21, Aircraft. Sp. By 27 wing,
Air Force Station APO.

Source: D NML/IRM

Report No: NML/MST/IAFI/1.13/90/2008

Location:

Keywords: Bolt of Camera

Year: 2008

MFN: 00047ARCHIV.MST

Author: Dr. Sridhar, Dr. Das, G; Dr. Das, S.K; Dr. Upadhya, A.K; Dr. Singh. S.R

Title: Investigation of Transmission line hardware, Earth wire and ACSR Conductor at low temperature Sp. By Power Grid Corp. of India Ltd., Jammu.

Source: D NML/IRM

Report No: NML/MST/PGEJ/Dec.2008

Location:

Keywords: Transmission line hardware

Year: 2008

MFN: 00048ARCHIV.MST

Author: Dr. Chatrrorj, I; Dr. Singh, R; Kumar, Rageensh; Mr. Pawan, S; Dr. Sagar, S

Title: RLA studies of underground cooling water pipe at DSP at DSP, Sp. By Durgapur Steel Plant, West Bengal.

Source: D NML/IRM

Report No: SSP-053

Location:

Keywords: Transmission line hardware

Year: 2009

MFN: 00049ARCHIV.MST

Author: Dr. Pal, J; Ghorai, S; Singh, D.P; Goswami, M.C; Upadhya, A.K

Title: Self propagating high temperature sintering of LD stage for recycling Sp. By NML.

Source: D NML/IRM

Report No: SSP-0080

Location:

Keywords: Transmission line hardware

Year: 2009

MFN: 00050ARCHIV.MST

Author: Dr. Pandey, A.K; Gosh, M; Kumar, A; Singh, S.R; Mitra, A

Title: Development of Ferromagnetic shape memory alloys by rapid solidification route.

Source: D NML/IRM

Report No: SSP-0075

Location:

Keywords: Solidification

Year: 2009

MFN: 00051ARCHIV.MST

Author: Das, T.K; Mandal, S.Das

Title: Design of microcontroller based instrumentation scheme for on-line monitoring and measurement of ambient temperature & relative humidity.

Source: D NML/IRM

Report No: OLP-0072

Location:

Keywords: Design of microcontroller

Year:

MFN: 00052ARCHIV.MST

Author: Gugulath, K

Title: Application of stress relaxation testing method for evaluation of creep properties and remaining life assessment of high temperature alloys.

Source: D NML/IRM

Report No: OLP-0069

Location:

Keywords: Relaxation Testing

Year: 2009

MFN: 00053ARCHIV.MST

Author: Rath, R.K; Singh, R; Mohanta, M.K; Bhattacharyya, K.K; Upadhyay, A.K; Mishra, T; Mehrotra, S.P

Title: Evaluations of depression property of polymer (S) ploy. Saccharide (s) in Coal-pyrite system.

Source: D NML/IRM

Report No: OLP-0065

Location:

Keywords: Evaluations of Depression

Year: 2009

MFN: 00054ARCHIV.MST

Author: Alex, T.C; Kumar, Rakesh; Upadhyay, A.K; Mishra, T; Matho, B; Mehrotra, S.P

Title: Role of Mineralogy and Origin of Mechanically activated (Indian) Bauxite in Beyer Process.

Source: D NML/IRM

Report No: OLP-0054

Location:

Keywords: Mechanically Activated

Year: 2009

MFN: 00055ARCHIV.MST

Author: Mr. Srinivaas, A; De, P.K; Shrivastava, V.C; Podar, P; Sahoo, K.L; Ghosh Choudhary, S

Title: Studies on Large strain rolling (LSR) of AZ31 Magnesium.

Source: D NML/IRM

Report No: OLP-0053

Location:

Keywords: Strain Rolling

Year: 2009

MFN: 00056ARCHIV.MST

Author: Bar, H.N; Parida, N; Sagar, S; Ghosh, R.N

Title: Evaluation of prototype Horton sphere using acoustic emission.

Source: D NML/IRM

Report No: OLP-0051

Location:

Keywords: Using Acoustic Emission

Year: 2009

MFN: 00057ARCHIV.MST

Author: Tewari, S.K; Singh, R; Mishra, T; Das, S.K

Title: Sol-gel coatings on 316L for surface properties enhancement.

Source: D NML/IRM

Report No: OLP-0046

Location:

Keywords: Sol-gel coatings

Year: 2009

MFN: 00058ARCHIV.MST

Author: Sahu, J.K; Singh, S.R; Das, Samar; Sivaprasad, S; Trafadar, S; Ghosh, R.N

Title: Deformation mechanism in a single phase austenitic and ferrite-austenitic stainless steel.

Source: D NML/IRM

Report No: OLP-0044

Location:

Keywords: Stainless Steel

Year: 2009

MFN: 00059ARCHIV.MST

Author: Chakraborty, S; Konar, J; Gupta, K.K; Upadhyay, A.K; Mohanty, A.K; Sircar, J.K

Title: Preparation of super alloy certified reference materials, Sponsored by Mishra Dhatu Nigam.

Source: D NML/IRM

Report No: SSP-0391

Location:

Keywords: Super Alloy

Year: 2009

MFN: 00060ARCHIV.MST

Author: Swaminathan, J; Krishna, G; Gungan, M.K; Mahato, B; Kumar, B.Ravi; Hansda, K.L; Sharma, R.K; Upadhyay

Title: Failure analysis waterwell tube of Boiler No.7 Submitted to Bokaro Power Supply Co(P) Ltd., Bokaro.

Source: D NML/IRM

Report No: SSP-9329

Location:

Keywords: Failure Analysis

Year: 2009

MFN: 00061ARCHIV.MST

Author: Swaminathan, J; Ray, P.K; Gunjan, M.K; Mishra, D.K; Das, S.K; Updhyay, A.K

Title: Remaining life Assessment of primary reformer tubes and outlet pig tail tubes sponsored by, Rasjtirya Chemicals and festitigers Ltd., Thal unit.

Source: D NML/IRM

Report No: SSP-9390

Location:

Keywords: Remaining life Assessment

Year: 2009

MFN: 00062ARCHIV.MST

Author: Chakrbratoy, S

Title: Field test of NML's iron removal technique in East Singhbhum District DWS Jamshedpur, Govt. of Jharkhand.

Source: D NML/IRM

Report No: GAP-0167

Location:

Keywords: Iron Removal

Year: 2009

MFN: 00063ARCHIV.MST

Author: Chakrbratoy, S; Jana, R.K; Konar, J

Title: Deformation of drinking water using activated layered double hydroxidides Sp. By Rajiv Gandhi National drinking water mission, Ministry of Rural development.

Source: D NML/IRM

Report No: GAP-0101

Location:

Keywords: Drinking Water

Year: 2009

MFN: 00064ARCHIV.MST

Author: Srihar, G, Singh, S.R

Title: Opinion on the cause of damage of last Stage blade of MW steam turbine of mounet Ispat & Energy Ltd., Raigarh Chattisgarh, Sp. By M/s Cunningham Lindsey Intl Ltd, New Delhi.

Source: D NML/IRM

Report No: CNP-0096

Location:

Keywords: Drinking Water

Year: 2009

MFN: 00065ARCHIV.MST

Author: Srihar, G, Singh, S.R; Das, S.K; Gunjan, M.K; Rupa, P.K.P

Title: Failure analysis of damage part of roller press at jay pee bola cement plant, M.P, Sp. By M/s Cunningham Lindsey Ltd., New Delhi.

Source: D NML/IRM

Report No: SSR-9326

Location:

Keywords: Failure Analysis

Year: 2009

MFN: 00066ARCHIV.MST

Author: Ghosh, M; Das, S.K; Singh, S.R

Title: Failure analysis of flap actuating cylinder Jack Sp. By 12 FBSU, Indian Air Force, C/o 56 APO.

Source: D NML/IRM

Report No: TMP-90126

Location:

Keywords: Failure Analysis

Year: 2009

MFN: 00067RCHIV.MST

Author: Ghosh, M; Das, S.K; Singh, S.R

Title: Failure analysis of broken spherical Hydraulic accumulator, Sp. By Wing, Indian Air Force, C/o 99 APO.

Source: D NML/IRM

Report No: TMP-90127

Location:

Keywords: Failure Analysis

Year: 2009

MFN: 00068RCHIV.MST

Author: Upadhaya, A.K; Chatteraj, I; Paswan, Sharma

Title: Chemical & Corrosion testing of ORION 331R alkaline cleaner, Sp. By The Oriental Chemical Works, Kolkata.

Source: D NML/IRM

Report No: STS-0232

Location:

Keywords: Failure Analysis

Year: 2009

MFN: 00069RCHIV.MST

Author: Singh, Raghubir, Swaminathan, J; Chatteraj, Gungan, M; Konar, J; Updhaya

Title: Failure analysis of Air pre-heater tubes, Sp. By Phillips Carbon Black Ltd., Kolkata.

Source: D NML/IRM

Report No: SSP-0376

Location:

Keywords: Failure Analysis

Year: 2009

MFN: 00070RCHIV.MST

Author: Sahu, K.K; Agrawal, Archana

Title: Recovery of lead from Zinc Plant residue, Sp. by Chakradhar Chemicals Pvt. Ltd.,
Muzafarnagar, U.P.

Source: D NML/IRM

Report No: SSP-0456

Location:

Keywords: Recovery of lead

Year: 2009

MFN: 00071RCHIV.MST

Author: Mandal, G.K; Das, S.K; Mandal, D; Chanderskhar, M; Prof. Mehrotra, S.P

Title: To study the effect of process parameters on interfacial aluminium control in
Galvanized coating, Sp. by NML In-house project.

Source: D NML/IRM

Report No: OLP-0035

Location:

Keywords: process parameters

Year: 2009

MFN: 00072RCHIV.MST

Author: Sahu, K.K; Agrawal, Archana; Mishra, D; Prof. Mehrotra, S.P

Title: Recovery Molybdenum and Vanadium from spent hydroprocessing catalyst.

Source: D NML/IRM

Report No: OLP-0059

Location:

Keywords: Molybdenum and Vanadium

Year: 2009

MFN: 00073RCHIV.MST

Author: Kumar, S

Title: Study on the Geopolymerisation of Fly ash with and without Gmelated Blast
furnace slag.

Source: D NML/IRM

Report No: OLP-0063

Location:

Keywords: Molybdenum and Vanadium

Year: 2009

MFN: 00074RCHIV.MST

Author: Singh, T.B; Bhattamishra, A.K; Tiwari, S.K; Singh, R; Bhattacharjee, S

Title: Enhancement of surface properties of metal substrates by electroless Nickel coating.

Source: D NML/IRM

Report No: OLP-0066

Location:

Keywords: Nickel coating

Year: 2009

MFN: 00075RCHIV.MST

Author: Gosoh, M

Title: Microstructural characterization evaluation of mechanical properties and conductivity of Pb free solder alloys-Cu assembly.

Source: D NML/IRM

Report No: OLP-0097

Location:

Keywords: Mechanical Properties

Year: 2009

MFN: 00076RCHIV.MST

Author: Sridhar, G; Das, S.K; Upadhyay, A.K; Singh, S.R

Title: Microstructural characterization evaluation of Naphtha Crackers Tubes, Sp. by M/s Cunningham Lindsey Int'L Pvt. Ltd., Kolkata.

Source: D NML/IRM

Report No: SSP-0487

Location:

Keywords: Naphtha Crackers Tubes

Year: 2009

MFN: 00077RCHIV.MST

Author: Das, S.K; Prida, N; Trafder, S; Ghosh, R.N

Title: Failure investigation of LP turbine blades, Sp. by Sagardighi Thermal Power project, WBP DC Ltd., Murshidabad, WB.

Source: D NML/IRM

Report No: SSP-9438

Location:

Keywords: Thermal Power project

Year: 2009

MFN: 00078RCHIV.MST

Author: Ghorai, S; Agarwal, S; Goswami, M.C; Bandopadhyay, D; Sarkar, J.K; Das, S.K; Ravikumar, B

Title: Reduction of Iron Ore at low temperature using heat source available in a steel plant.

Source: D NML/IRM

Report No: OLP-0048

Location:

Keywords: Iron Ore at low temperature

Year: 2009

MFN: 00079RCHIV.MST

Author: Pal, J; Goswami, M.C; Ghorai, S; Bandyopadhyay; Singh, D.P; Upadhyay, A.K

Title: Studies on the behavior of fluxed iron bearing pellets in representative basic oxygen sttelmaking process, Sp. by Dept. of Sc. & Tech., New Delhi.

Source: D NML/IRM

Report No: GAP-0131

Location:

Keywords: sttelmaking process

Year: 2009

MFN: 00080RCHIV.MST

Author: Tiwari, Y.N (PL); Roy, P.K (Co-PL) Shau, D.P

Title: Assessment of SRT & mechanical properties on Boiler tubes, Sp. by Thermal Research Centre, Koradil, Nagpur.

Source: D NML/IRM

Report No: SSP-9480

Location:

Keywords: properties on Boiler tubes

Year: 2009

MFN: 00081RCHIV.MST

Author: Humane, M.M; Minj, R.K; De, P.K; das, G; Swaminathan, J; Kumar, B.Ravi; Gosh, M; Vaish, A.K

Title: Study the effect of processing parameters on structure properties relationship of new generation interstitial free steel sheets.

Source: D NML/IRM

Report No: SERC Egs

Location:

Keywords: processing parameters

Year: 2009

MFN: 00082RCHIV.MST

Author: Singh, S.R; Das, S.K; Roy, P.K; Das, G

Title: Failure analysis of Penstock liner stickle plate of SLBHES, Sp. by Andhra Pradesh Ponkr Generation Corp. Ltd., Vidyat Soudha, Hyderdabpd.

Source: D NML/IRM

Report No: NML/MST/APGENCO/2009

Location:

Keywords: Failure analysis

Year: 2009

MFN: 00083RCHIV.MST

Author: Ghosh, M; Singh, S.R; Das, S.K

Title: Metallurgical failure analysis of damage components of R29 Aeroengine
262581100133, Sp. by 4 Base Repair Depot Air Force Station, Kanpur.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/94/2009

Location:

Keywords: Failure analysis

Year: 2009

MFN: 00084RCHIV.MST

Author: Sridhar, G (PL); Singh, S.R; Gungan, M.K

Title: Failure investigation of gas turbine blades of Genting Lanco Kondapalli Pouler
Pvt., Ltd., A.P, Sp. by M/s Councunningham Lindsey Intl Ltd. Chennai.

Source: D NML/IRM

Report No: SSP-0501

Location:

Keywords: Turbine blades

Year: 2009

MFN: 00085RCHIV.MST

Author: Twari, Y.N; Roy, P.K; Sahoo, D.P; from CPRI Ranjan, Rajesh; Nath, S.K;
Gourthede, D.M

Title: Assessment of SRT & Mechanics properties of Boiler tubes, Sp. by Central Power
Research Inst, Koridihy, Nagpur, Maharastra.

Source: D NML/IRM

Report No: SSP-0484

Location:

Keywords: Properties of Boiler tubes

Year: 2009

MFN: 00086RCHIV.MST

Author: Twari, Y.N; Roy, P.K; Sahu, D.P

Title: Assessment of SRT & Mechanics properties of Boiler tubes, Sp. by Central Power Research Inst, Nagpur.

Source: D NML/IRM

Report No: SSP-0489

Location:

Keywords: Properties of Boiler tubes

Year: 2009

MFN: 00087RCHIV.MST

Author: Ghosh, M; Das, S.K; Singh, S.R

Title: Fod characterization of 2nd stage damaged compressor blades of Jaguar JT056, Sp, by 7, wing, Air Force Station, APO, Gorakhpur – 273 002.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/93/2009

Location:

Keywords: Fod characterization

Year: 2009

MFN: 00088RCHIV.MST

Author: Ghosh, M; Das, S.K; Singh, S.R

Title: Fod characterization of 2nd stage damaged compressor blades of 8Z2163, Sp by 33 wing, Air Force Station, APO, Gorakhpur – 361 003.

Source: D NML/IRM

Report No: NML/MST/IAF/1.13/96/2009

Location:

Keywords: Fod characterization

Year: 2009

MFN: 00089RCHIV.MST

Author: Tiwary, Y.N; Ranjan, R

Title: Assessment of SRT & Mechanical on main steam pipe of boiler tubes, Sp. by
Central Power Research Institute, Koradi, Nagpur.

Source: D NML/IRM

Report No: SSP-528

Location:

Keywords: Steam pipe of boiler tubes

Year: 2009

MFN: 00090RCHIV.MST

Author: Chaturvedi, Hema Tiwary

Title: A study on description / mobilization of arsenic species form oxy-hydroxides of
iron in the context of groundwater arsenic contaminate in the Indian sub-
continent.

Source: D NML/IRM

Report No: GAP-0146

Location:

Keywords: Groundwater

Year: 2009

MFN: 00091ARCHIV.MST

Author: Das, S.K; Das, G; Singh, S.R

Title: Failure analysis of the Die holder of a MPM16000B Hammer 6T, Sp.
Gunnigham Lindsay Ltd., Kolkata.

Source: D NML/IRM

Report No: SSP-0500

Location:

Keywords: Failure analysis

Year: 2009

MFN: 00092ARCHIV.MST

Author: Das, S.K; Das, G; Prabh, A; Parida, N; Ghosh, R.N

Title: Failure investigation of boiler tubes, Sp. by Sagardighi Thermal Power Project WBPDC, West Bengal.

Source: D NML/IRM

Report No: SSP-9457

Location:

Keywords: Boiler Tubes

Year: 2008

MFN: 00093ARCHIV.MST

Author: Das, S.K; Das, G; Singh, S.R

Title: Failure analysis of super heater Coil and water wall tubes of boiler of NLCL TPS, Sp. by Neyveli lignite Corp., Ltd., Channi.

Source: D NML/IRM

Report No: SSP-0506

Location:

Keywords: Coil and water

Year: 2009

MFN: 00094ARCHIV.MST

Author: Das, S.K; Das, G; Parida, N; Ghosh, R.N; Singh, S.R

Title: Investigation report of failed pieces of Hydro generator of Sabarigiri power project Sp. by Sabarigiri Hydro Electric Project.

Source: D NML/IRM

Report No: SSP-9474

Location:

Keywords: Investigation report

Year: 2009

MFN: 00095ARCHIV.MST

Author: Das, S.K
Title: Determination of Micro-mechanical parameters of 20 MnMoNi 55 (Equiv. SA508) Forging materials, Sp. by BARC, Mumbai.
Source: D NML/IRM
Report No: SSP-0351
Location:
Keywords: Forging material
Year: 2009

MFN: 00096ARCHIV.MST

Author: Kumar, B, Ravi; Das, S.K; Gungan, M.K; Singh, S.R
Title: Material characterisation of steel forging stock of MIPSL, Sp. by MID India Power of steels Ltd., Indore.
Source: D NML/IRM
Report No: SSP-0517
Location:
Keywords: Forging steels
Year: 2009

MFN: 00097ARCHIV.MST

Author: Kumar, V (PL)
Title: Extraction and separation of metals from the leach solution of polymetallic sea nodules using pulsed column.
Source: D NML/IRM
Report No: GAP-0193
Location:
Keywords: Separation of Metals
Year: 2009

MFN: 00098ARCHIV.MST

Author: Tiwary, Y.N; Kumar, R.K

Title: Assessment of creep rupture properties on Boiler plates, Sp. by Central Power Res. Inst. Bangalore.

Source: D NML/IRM

Report No: SSP-0515

Location:

Keywords: Boiler plates

Year: 2009

MFN: 00099ARCHIV.MST

Author: Panda, A.K; Mitra, A; Chatteraj, I; Ghosh, R.N

Title: Preparation and Characterization of Nanocrystalline Materials for High Temperature Soft Magnetic Application, Sp. by Department of Science and Technology, Technology Bhavan, New Delhi 110 016.

Source: D NML/IRM

Report No: GAP-0157

Location:

Keywords: Preparation and Characterization

Year: 2009