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Northern Cement Limited	Doc No: NCL-OPM-016v000
GYPSUM QUARRYING, TRANSPORT & PROCESSING	
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DISTRIBUTION LIST:		Responsible Officer: (MJJ)	Approval: (CRP)
Manual #	Name	Title	
MFILE	Mataranka File	Secretary	
8	Mark Joraslafsky	Lime Plant Manager	

1. PURPOSE

To describe the process of quarrying, transporting and processing gypsum for use in the Cement Manufacturing Process at Quarantine Island Grinding Plant.

2. DEFINITIONS

None

3. PROCEDURE

3.1 Quarrying

All materials extracted from the leases at Alexandria Station must be in accordance with the plan provided by Northern Cement Ltd., which is developed on a yearly basis before June. This plan will describe the method, quantity, areas to be quarried and stockpile locations. All quarrying operations must comply with the NT Mine Management Act and Regulations and the Mining Act. A close liaison must be maintained with Alexandria Station Management and Staff.

3.2 Lease Maintenance

An inspection of all the mineral claims must take place at least once per year to ensure all datums, corner posts, boundary posts and directional trenches are correctly placed. During these visits any issues between Northern Cement Ltd. and Alexandria Station regarding the operations can be discussed.

3.3 Caterpillar Loader

The 920 Caterpillar loader used to load trucks for transportation of gypsum to either Mataranka or Darwin is permanently stationed at Alexandria Station and is utilised by the Station when required. In return, fuelling, minor maintenance and servicing of the loader is carried out by the Station Staff.

3.4 Aboriginal Sacred Sites

A sacred site exists in the creek bed area near the pit. All personnel should be made aware of it's location and not drive any machinery or vehicles into the area. See attached map for location.

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3.5 Transportation

Prior to commencement of operations each year, the transport operators shall be instructed as to which material is to be loaded, it's destination and any other instructions that may be required.

3.6 Weighing & Documentation

All loads must be weighed at Mataranka and the weights recorded on the Gypsum Weigh Sheet (MF002) and in the docket book marked Gypsum, clearly identifying whether the load is incoming (to Mataranka from Alexandria Station) or outgoing (from Mataranka to Darwin). The exact location for delivery, the transport docket number and drivers signature shall be clearly marked.

3.7 Mataranka to Darwin

If the gypsum is crushed at Mataranka, deliveries will be directly to Quarantine Island Plant or Tivendale Road. If uncrushed, the Lime Plant Manager or Cement Plant Supervisor will specify a delivery point.

3.8 Crushing

All gypsum is to be crushed to—75mm prior to delivery to Quarantine Island

4. QUALITY RECORDS

RECORD	TITLE	RECORD KEEPER	RETENTION PERIOD
MF002	Gypsum Weigh Sheets	Secretary	7 Years

Northern Cement Limited Alexandria Station Mineral Claim Inspection Register

Inspected By: Mark Forchuck

Date: 4/7/2000

MCC NO:	DATUM	NW CORNER PEG	SE CORNER PEG	SW CORNER PEG	COMMENTS
MCC 205	✓	✓	✓	✓	D.PEG MARKER LOOSE
MCC 206	✓	✓	✓	✓	
MCC 207 *	✓	✓	✓	✓	
MCC 208	✓	✓	✓	✓	
MCC 983	✓	✓	✓	✓	
MCC 984	✓	✓	✓	✓	
MCC 985	✓	✓	✓	✓	
MCC 986	✓	✓	✓	✓	
MCC 987	✓	✓	✓	✓	
MCC 988	✓	✓	✓	✓	
MCC 989	✓	✓	✓	✓	
MCC 990	✓	✓	✓	✓	

Extra Comments: SOME OF THE DATUMS HAVE THE WELDER ATTACHING SCALERS AND THE PLATES
ARE NOW TIGHT.
ALL DATUMS HAVE STAINLESS STEEL PLATES 115x60 THAT HAVE BEEN ETCHED WITH
THE CORRECT INFORMATION

NORTHERN CEMENT LTD.

Gypsum In - Aleaxandria Station to Mataranka Lime Plant

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
January										
February										
March										
April			83.08							
May				159.06			1,064.08	480.18	458.98	774.76
June		262.40	234.16	515.50	1,086.98	755.74	1,477.54	1,310.61	1,485.46	684.70
July		637.96	564.01	856.36	600.28	835.22	1,711.85	1,095.68	950.14	
August	386.16	1,262.48	770.70	556.96	1,395.98	948.60	842.84	1,179.98	1,475.51	
September	669.46	970.96		257.54	1,512.13	1,103.14	766.40	600.86	424.58	
October	320.20	1,020.12		587.94	1,909.33	163.74	1,073.92	300.82		
November	1,325.70	485.04		701.38	438.48		323.34	337.80		
December	237.24			57.57						
Annual Totals	2,938.76	4,638.86	1,651.95	3,692.31	6,943.18	3,806.44	7,259.97	5,305.93	4,794.67	1,459.46
Total	42,491.63									

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SECTION 8

COMPLIANCE WITH CONDITIONS

ALL CONDITIONS UNDER BOTH MINE MANAGEMENT ACT AND MINING ACT HAVE BEEN ADHERED TO. MINING PLANS SUBMITTED PRIOR TO EACH QUARTERLY COMPLIANCE INSPECTIONS FROM LAND BUREAU COMPLIES WITH INSTRUCTIONS FROM DME. DIRECTORS COMPLIES WITH FOLLOWING GUARANTEE OF CLAIMS. HERE BOUNDARIES CHECKED ANNUALLY (SEE REPORT 2000)

SECTION 9

SIGNATURE OF APPLICANT (S)

Applicant's Signature	Date	/ /
Applicant's Signature	Date	/ /
Applicant's Signature	Date	/ /
Applicant's Signature	Date	/ /

SECTION 10

FEES

Service	Rate	Amount Due (\$)	Amount Remitted (\$)
Application Fee	\$25	\$25 x 12 = 300	\$ 300
First Year's Rent	\$10 x 228 Hectares	\$ 2280	\$ 2280
10% GST on First Year's Rent	\$1.00 x Hectares	\$ 228	\$ 228
Total Amount Due/Total Amount Remitted		\$ 2808	\$ 2808
Receipt Number			
Credit Card Details (Place a Cross in the Appropriate Box)			
<input type="checkbox"/> Bankcard <input type="checkbox"/> Mastercard <input type="checkbox"/> Visa			
Credit Card Number			
Name of Credit Card Holder			
Credit Card Expiry Date / /			

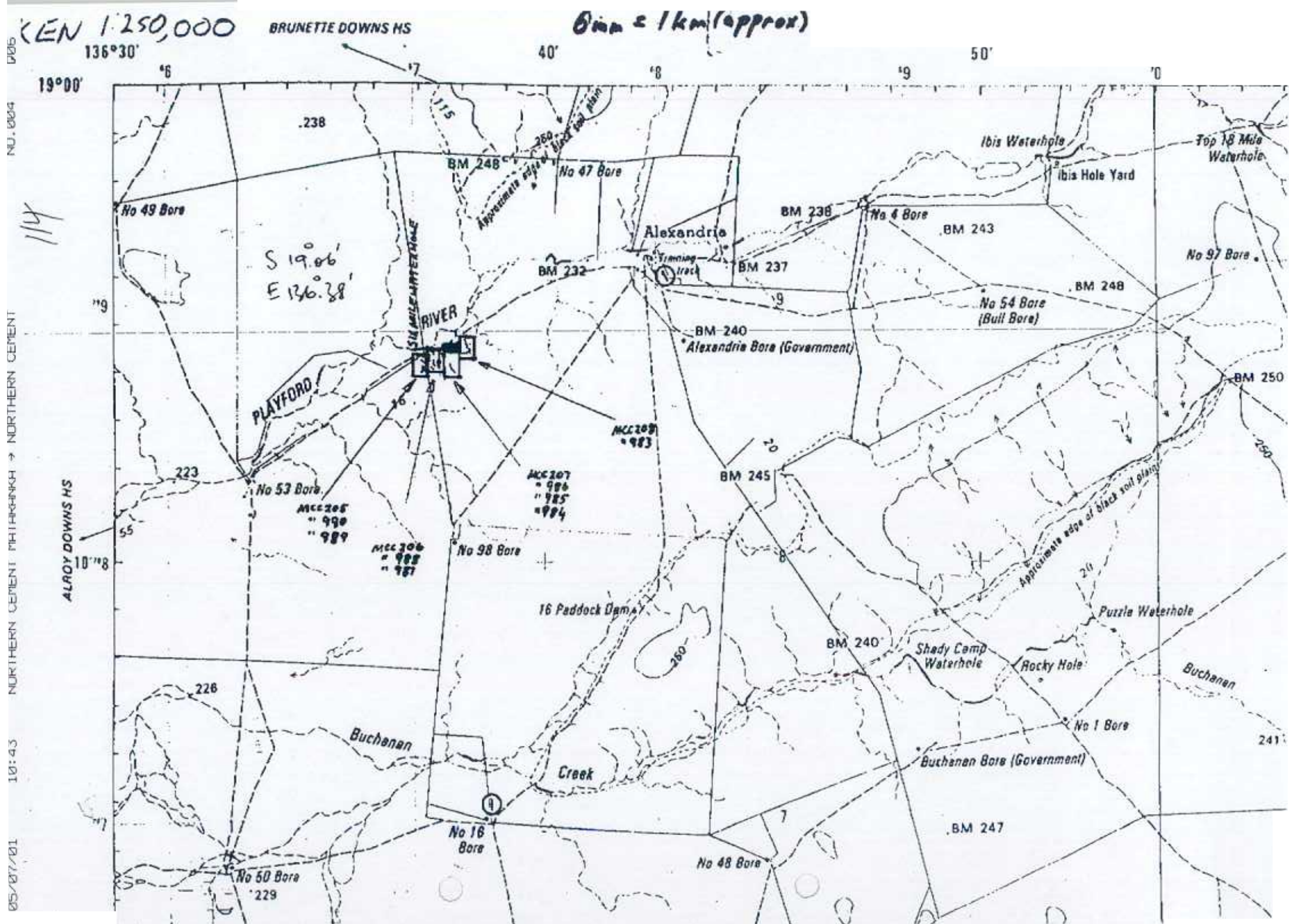
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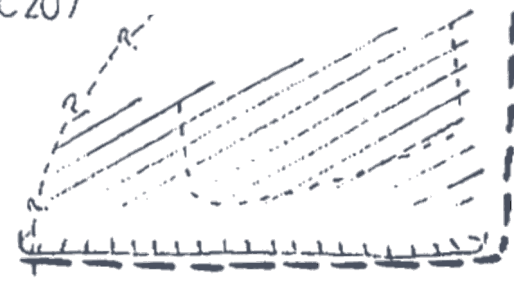


MCC 208

NORTHERN CEMENT MATARANKA NORTHERN CEMENT

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MCC 207

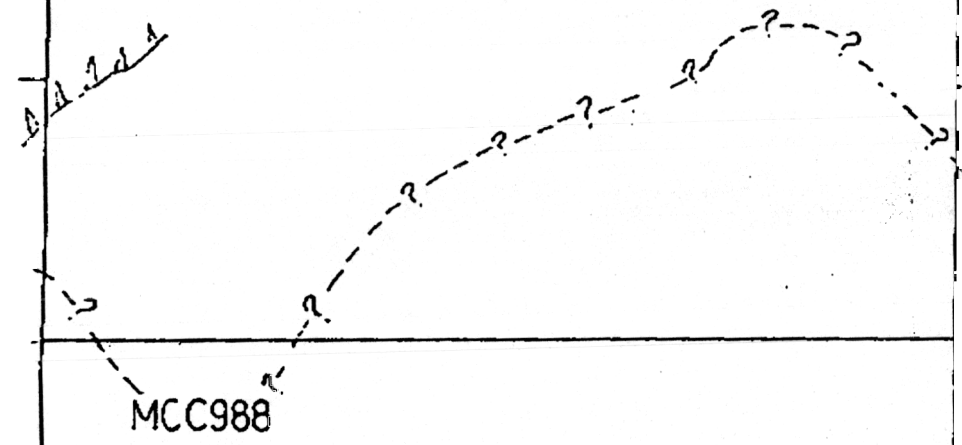


MCC 986

MCC 985

MCC 206

Scale 5000



MCC 988

MCC 987