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PARTIAL RELINQUISHMENT REPORT FOR SUBSTITUTE EXPLORATION LICENCE 9670 DE MONCHAUX CREEK AREA NORTHERN TERRITORY 10.12.96 TO 09.03.98

Project Name:	DE MONCHAUX CREEK, HEATHERS LAGOON, MANTON DAM
Map Sheets:	DARWIN SD 52-04 1:250,000
Commodities:	GOLD, LEAD, ZINC
Author:	K. A. Williams
Date:	26 March, 1998
Tenement Holder:	Normandy Woodcutters Limited – 100%
Volumes:	VOLUME 1 OF 1
Accepted by:	J H Butler

Distribution:
1. NT Department of Mines and Energy
2. Woodcutters Mine, NT
3. Normandy Exploration

Report No. 22984

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NORMANDY WOODCUTTERS LIMITED WOODCUTTERS MINE

Report No: 22984

Title: PARTIAL RELINQUISHMENT REPORT FOR SUBSTITUTE EXPLORATION LICENCE 9670 DE MONCHAUX CREEK AREA, NORTHERN TERRITORY 10.12.96 TO 09.03.98

Author: K.A. Williams

Date: 26 March, 1998

LOCATION MAP

SUMMARY

A number of projects are incorporated within SEL 9670. These include Heathers Lagoon, Manton Dam and Manton Dam South. Heathers Lagoon (EL 9118) was acquired because of its proximity to the Maureen and Maureen Extended gold prospects on ground which had probably never been systematically explored. Fourteen BLEG samples were collected but results were disappointing with assays ranging from 0.15 to 0.85ppb. All of this ground has been relinquished.

Exploration Licence 9363 formed part of a contiguous block of tenure in the Acacia area encompassing the Manton Dam Project. The western half of the licence area was targeted because of the projected strike extension of the Acacia North gold prospect, offset by about 7 km by the Giants Reef Fault. Gold mineralisation at Acacia North is hosted by quartz stockwork associated with a dolerite sill intruded into the Upper Whites Formation of carbanaceous shales. RAB drilling intersected some dolerite and vein quartz, but gold assays were disappointing. Most of the original EL is to be relinquished.

Within the area to be relinquished is the previously held EL 8154 (Manton Dam South Project) on which a vacuum drilling and sampling programme was conducted aimed at potential gold mineralisation at or near the base of the Whites Formation. Results were subdued.

WORK SUMMARY (within relinquished blocks)

TENEMENT NUMBER	VACUUM DRILLING (# of Holes)	VACUUM DRILLING (metres)	RAB DRILLING (# of Holes)	RAB DRILLING (metres)	BLEG SAMPLING	MAPPING	RC DRILLING (# of Holes)	RC DRILLING (metres)
EL 9118					14	1:5000		
EL 9363			145	1100				
EL 8154	35	175				1:5000		
EL 7845			88	1200		1:500	5	282

1. CONCLUSIONS AND RECOMMENDATIONS

1.1 Manton Dam Project (EL 9363)

1.1.1 Dolerite was intersected in some RAB holes as anticipated.

1.1.2 The western half of EL 9363, originally targeted because of the projected strike extension of the Acacia North Gold Prospect, has been downgraded because of disappointing assays.

1.1.3 Outcropping carbonate/siliceous veins do, however, hold some potential for gold mineralisation.

1.2 Heathers Lagoon Project (EL 9118)

1.2.1 Mapping at 1:5000 scale has indicated very limited outcrop, except in the west.

1.2.2 The Acacia Gap Quartzite has been adequately sampled.

1.2.3 Gold assays were disappointing and ranged from 0.15 to 0.85 ppb. Copper and silver values were also subdued.

1.2.4 Small outcrops of vein quartz and Zamu dolerite increase the prospectivity of the area.

1.3 Manton Dam South (EL 8154)

1.3.1 The zone between the Coomalie Dolomite and Lower Whites Formation tested using vacuum drilling, has low prospectivity for economic gold mineralisation.

1.3.2 The coincident Co-Cu anomalism may be due to a known stratigraphic layer with elevated levels of these elements in the local stratigraphy

1.3.3 Exploration Licence 8154 has downgraded prospectivity for lead zinc mineralisation within the area tested.

1.4 De Monchaux Creek (EL 7845)

1.4.1 The prospectivity of the De Monchaux Creek Prospect has been downgraded for near surface base metals.

1.4.2 The gold-pyrite-arsenopyrite mineralisation at the De Monchaux Creek Prospect has a strong structural and stratigraphic control. This mineralisation appears to favour sandstone and greywacke beds adjacent to faults.

1.4.3 Lithologies encountered from diamond drilling at De Monchaux indicate either an upper Whites Formation or Lower Wildman Siltstone location in the stratigraphy.

1.4.4 Regional exploration has failed to locate any additional base metal/gold prospects other than De Monchaux Creek.

2. INTRODUCTION

7553

SEL 9670 is an amalgamation of EL's 9118, 7845, 9363 and 8154 which comprise De Monchaux Creek, Heathers Lagoon and Manton Dam.

These EL's were taken out as they were regarded as prospective for gold and base metals.

The purpose of this report is to outline the work conducted within the nine graticular blocks of SEL 9670 which were relinquished on 14 February 1998 (see Figure 2).

3. LOCATION AND ACCESS

SEL 9670 is located approximately 65km south of Darwin along the Stuart Highway (Figure 1) and 8km north-north east of the Woodcutters' deposit.

4. TENURE

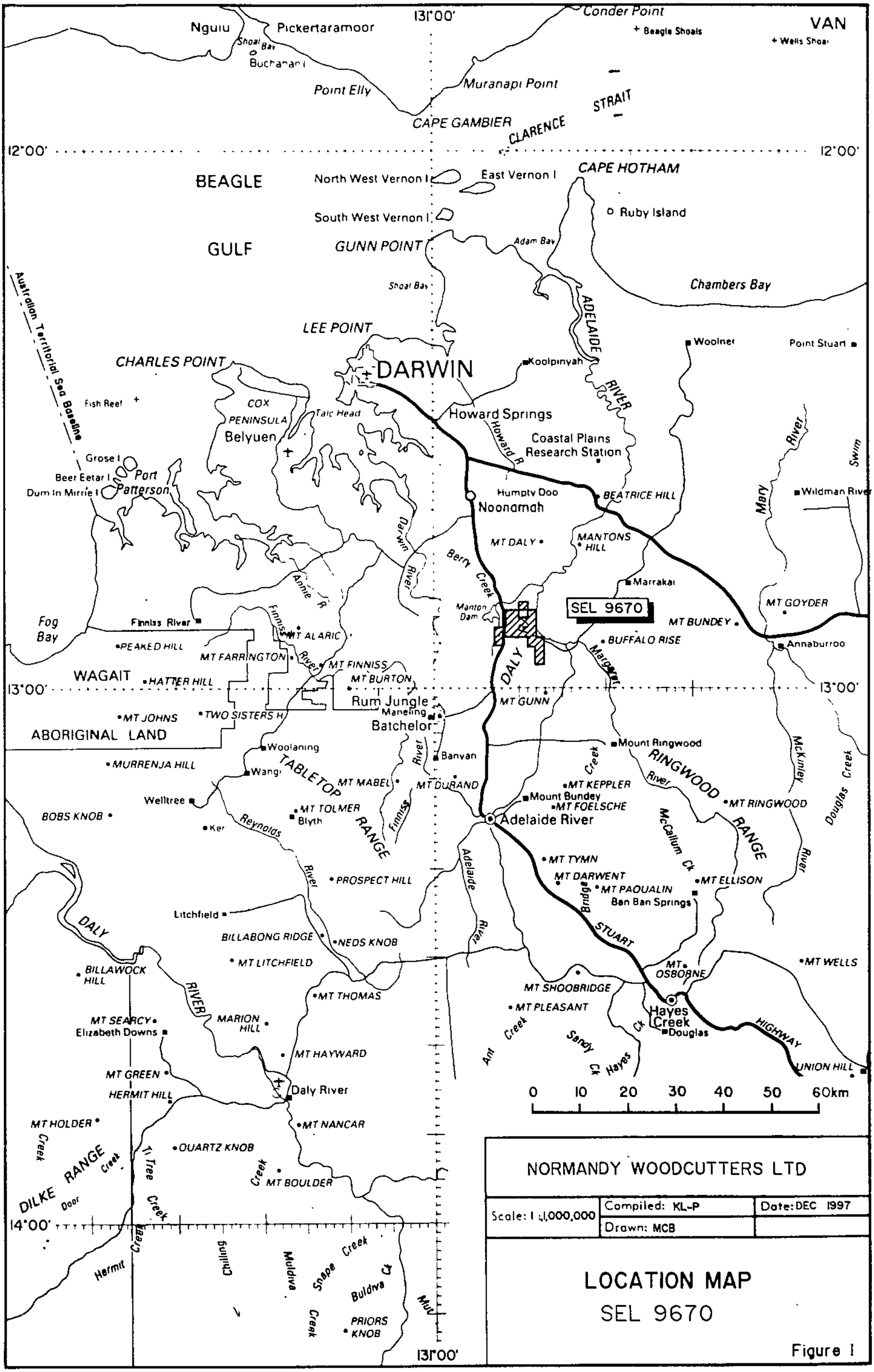
Substitute Exploration Licence 9670 was granted to Nicron Resources (now Normandy Woodcutters Ltd) for a period of four years from 10 December 1996 and originally contained 18 graticular blocks. The licence was granted to replace Exploration Licences 9118, 7845, 9363 and 8154 (see Figure 2). 7553

Locations of the original four exploration licences are included in Figures 6 to 9 to avoid confusion as they were initially reported separately and some of the relinquished blocks fall within their boundaries.

5. PREVIOUS EXPLORATION

Modern exploration began in 1974 when Magnum Exploration NL was granted EL 739. Magnum conducted a review of the BMR data collected as part of a regional search for base metals.

In 1976 Amax Exploration entered into a joint venture with Magnum and undertook geological mapping, geochemical sampling and an airborne radiometric and magnetic survey (Gellatly 1977). The geochemical work conducted by Amax included rock chip and stream sediment sampling (-120 and +16 mesh fractions). The samples were analysed for Cu, Pb, Zn, Ni, Co, Mn and U. Some Ag analyses were also performed. The geochemical sampling programme delineated two lead anomalies identified as L1 and L2. Further work, including detailed rock chip sampling, stream sediment sampling and auger drilling further defined the L1 anomaly. An attempt to RC drill the L1 anomaly was abandoned in brecciated and cavernous ground. EL 739 was relinquished after additional work on the radiometric anomalies failed to locate significant uranium mineralisation (Wyatt and Braham 1977).



NORMANDY WOODCUTTERS LTD

Scale: 1:1,000,000	Compiled: KL-P	Date: DEC 1997
	Drawn: MCB	

LOCATION MAP

SEL 9670

Figure 1

RAB DRILLING

VACUUM DRILLING

N

NORMANDY WOODCUTTERS LTD

SEL 9670
LOCATION MAP

Relinquished Blocks

Date 24/3/1998
Author MAWilliams
Office WCD
Drawing Mce
Scale 1:100000
Projection: Longitude / Latitude

0 1 2 4
kilometres

FIGURE 2

Uranerz Australia Pty Ltd acquired EL 2256, the area of which is now part of SEL 9670. Uranerz explored the area for uranium utilising regional geological mapping and wide spaced RAB soil geochemistry. Their work failed to generate any uranium anomalies, however a few of the lead anomalies generated were followed up with detailed RAB sampling. Uranerz considered the results to be discouraging and the EL was relinquished in 1983 (Conrads et. al. 1982).

Burmine Ltd (Carter and Robinson 1990), carried out gold and base metal exploration over most of the area now in SEL 9670. Burmine's work consisted of a -80 mesh and bulk-leach-extractable-gold (BLEG) stream sediment sampling survey and minor rock chip sampling. A gold anomaly was outlined in the De Monchaux Creek but subsequent work failed to find the source of the anomalism. Burmine relinquished their licence in 1991.

In 1992 Aztec Mining Company Ltd was granted EL's 7845 and 7553 which have now been included in SEL 9670. Work undertaken by Aztec, Nicron and Normandy Woodcutters Limited since 1992 includes RAB drilling, stream sediment sampling, diamond drilling, geological and geophysical interpretation and a gravity survey. The majority of this work was conducted on the Amax, L1 geochemical anomaly. The anomaly was defined at surface by rock chip sampling of gossanous quartz veins which returned maximum assays of 71.0 g/t gold, 1550 ppm Cu, 9100 ppm Pb and 1.1% As.

Further exploration was conducted on EL 9363 which was granted to Nicron Resources in 1996 and EL 9118 granted to Nicron Resources in 1995. Exploration of these Licences included BLEG sampling and an RAB drilling programme.

6. *REGIONAL GEOLOGY*

Substitute Exploration Licence 9670 area lies within the Rum Jungle portion of the Paleo-Proterozoic, Pine Creek Geosyncline. This major depositional basin covers approximately 40,000 square kilometres and extends from Katherine in the south to north of Darwin in the north-west and beyond Jabiru in the north-east. The regional geology of the area was mapped at 1:250,000 and described in detail by Walpole et al (1968) and redescribed by Needham et al (1980). In Table 1 the overall stratigraphy of the Katherine-Darwin region is outlined while Table 2 displays the early Proterozoic stratigraphy of the Rum Jungle portion of the Pine Creek Geosyncline.

Nicholson and Eupene (1984) provide the following summary of the geological history of the Pine Creek Geosyncline (p.378).

> *"At about 2400 to 2100m.y., arkoses, pelites, carbonates and iron formation of the Kakadu Group and Cahill Formation, outer Nanambu Complex, Fish Creek schists, parts of the Litchfield Complex and perhaps the outer Rum Jungle and Waterhouse Complexes were deposited on crystalline Archaean basement. Amphibolite facies regional metamorphism and deformation followed at approximately 2100 to 2000 m.y. Following erosion of these rocks, early Proterozoic sedimentation continued with, in order of decreasing age:*

1. *Arkose, conglomerate and dolomite (Batchelor Group);*

2. *Carbonaceous mudstone with lesser interbedded limestone, greywacke and basalt (Namoona Group);*

3. *Various clastic, mainly fluviatile, sediments (Mount Partridge Group);*

4. *A heterogenous sequence of mudstone, turbidites, iron formation, limestone and volcanics (South Alligator Group); and*

5. *A flyschoid sequence in which greywacke and shale predominate (Finniss River Group).*

The Zamu dolerite was intruded into this sequence prior to greenschist facies metamorphism and the major phase of deformation. The metamorphism is dated at about 1800 m.y. Widespread granite intrusion with associated broad refolding occurred around 1760 m.y. this concluded the development of the Pine Creek Geosyncline. Possibly in the dying stages of granite intrusion, felsic volcanics, volcaniclastics and sediments of the El Sherana and Edith River groups were deposited in fault controlled depressions in the metamorphic terrain (Stuart-Smith et al., 1984).

Sandstones of the Katherine River and Tolmer Groups were unconformably deposited on the Early Proterozoic rocks and have remained essentially undisturbed (along with younger rocks) to the present."

7. *LOCAL GEOLOGY*

The geology exposed within SEL 9670 comprises mainly Wildman Siltstone with steep sided hills of Acacia Gap Quartzite. The central portion of the licence is interpreted to be underlain by Whites Formation shales and calcareous shales. The Whites Formation out crops poorly and is commonly covered by recent alluvium. The sediments have been folded into the north-north east trending anticline.

The structure of the area is dominated by an early phase of north-south trending open folds and strike slip faulting. Major arcuate faults, consistent with growth faults off basin floor highs have been interpreted from aeromagnetic, radiometric and geological data around the Rum Jungle Complex. These early structures have been offset by a later phase of north-east trending structures of which the Giants Reef fault is a typical example.

Uranium and base metal mineralisation at Rum Jungle and Woodcutters is concentrated in structures at the base of the White Formation and in the Coomalie Dolomite.

TABLE 1 - STRATIGRAPHY OF THE KATHERINE-DARWIN AREA

AGE	STRATIGRAPHIC UNIT	LITHOLOGIES	APPROX THICKNESS (m)
Mesozoic	Bathurst Island Group	Sandstone, siltstone	1,300
Cambrian/Ord	Daly River Group	Limestone, sandstone	300
Adelaidean	Tolmer Group	sandstone. dolomite, siltstone	1,000
Carpentarian	Katherine River Group	Sandstone, minor volcanics	2,000
Early Proterozoic	El Sherana, Edith River Groups	Acid volcanics, volcanoclastics, sandstone	700
	Finniss River Group	Greywacke, sandstone mudstone, minor volcanics	>3,000
	South Alligator Group	Mudstone, carbonaceous-mudstone mudstone, iron formation, greywacke, siltstone, tuff	1,000
	Mt Partridge Group	Sandstone, arkose, conglomerate, mudstone	2,000
	Namoona Group	Carbonaceous-mudstone, limestone minor volcanics	2,000
	Batchelor Group	Dolomite, conglomerate, arkose, sandstone	1,000
	Kakadu Group, Cahill Formation Litchfield Complex Fish Creek schists, Outer Rum Jungle and Waterhouse Complexes	Meta-arkose, quartzite, feldspar quartz gneiss, mica quartz schist, graphitic in places, para-amphibolite, magnesite	3,000
Archaean	Rum Jungle Complex, Waterhouse Complex, Nanambu Complex, Woolner Granite, Litchfield Complex	Granite, foliated granite	Unknown

TABLE 2 – EARLY PROTEROZOIC STRATIGRAPHY – PINE CREEK

GROUP	FORMATION	MEMBER	LITHOLOGIES	THICKNESS (m)
Finniss River	Burrell Creek		Greywacke, siltstone, mudstone, rare chert, iron formation and conglomerate	>3,000
South Alligator	Mt Bonnie	Upper	Mudstone, siltstone, chert, iron formation	100-250
		Lower	Greywacke, mudstone, siltstone, chert, carbonaceous mudstone, rare conglomerate	50-150
	Gerowie Tuff		Chert, mudstone, siltstone	200-400
	Koolpin	Upper	Carbonaceous mudstone, mudstone siltstone	50-150
		Middle	Iron formation, mudstone, carbonaceous mudstone, siltstone	30-100
		Lower	Carbonaceous mudstone, mudstone, siltstone, limestone	0-250
Mt Partridge	Wildman siltstone		Mudstone, phillite, siltstone, carbonaceous mudstone, sandstone	200-400
	Whites Formation		Carbonaceous Pelites, siltstone, black slate, ash tuffs	?
	Coomalie Dolomite		Stromatilitic Dolomite, carbonaceous pelites	?
	Crater Formation		Quartzite, arkose, pebble conglomerate, mudstone, siltstone	>500

8. WORK CARRIED OUT DURING REPORTING PERIOD

SEL 9670 is an amalgamation of four previous Exploration Licences. Work carried out within the 50% reduction area of SEL 9670 will be described with reference to the original EL numbers.

Appropriate reference maps are included with this report (see Figures 2 and 6 to 9).

8.1 Manton Dam Project (EL 9363)

Refer to the First and Final Report, Exploration Licence 9363, Manton Dam Project, Northern Territory, 20 May 1996 to 10 December 1996.

8.2 Heathers Lagoon Project (EL 9118)

Refer to the Final Report for Exploration Licence 9118, Heathers Lagoon Project, Northern Territory, 23 June 1995 to 9 December 1996.

8.3 Manton Dam South Project (EL 8154)

The zone between Coomalie Dolomite and Lower Whites Formation was considered prospective for gold mineralisation.

The area was tested by bedrock sampling using a vacuum drill. A total of 35 holes were drilled to between 4-6m. Bottom of hole samples were assayed by Amdel Laboratories Darwin for Au (by Aqua Regia Digest - Graphite Furnace AAS), Cu, Pb, Zn, As, Mn, Co, Ni, Fe (Perchloric Digest - AAS) (see Appendix I and Figure 4).

Results for Au were low. Five samples returned assays greater than, or equal to, 10 ppb. The highest sample assayed 20 ppb. Each of the anomalous samples were isolated. Arsenic was also subdued.

8.4 De Monchaux Creek Project (EL 7845)

8.4.1 RAB Drilling

RAB drilling was completed at the north end to follow up anomalous results obtained from an earlier programme (Ormsby 1993).

A total of 88 holes were drilled for approximately 1200m within EL 7845 (see Figure 3). The RAB holes were at 50m intervals along lines spaced 100m apart. All holes were drilled until a sample of saprolite with recognisable primary fabric was recognised. A bottom hole sample was collected which usually comprised a composite of the bottom 2 to 5m. The samples were analysed at Assaycorp Pine Creek for Au (1ppb) by Fire Assay (FA50 method) Cu(1), Pb(2), Zn(1), Ni(2), Co(1), and As(1) by AAS (MA 3 method). Hole logs and assay results are in Appendices II and III).

The results were disappointing with all elements being background or only slightly elevated.

8.4.2 RC Drilling

In order to test a coincident Au and As C-horizon geochemistry anomaly on 12000N a total of five RC drillholes (DMNRC 1-5) were drilled for 282m on a section line across the anomaly. The hole locations are plotted on Figure 3 and drill section on Figure 5. The holes were drilled at -60° towards grid west (270°).

Samples were collected over 2m intervals after passing through a riffle splitter attached to the drilling rig (Warman 650), which provided a 4-6 kg sub-sample. These samples were analysed at Assaycorp, Pine Creek for Au(0.01) by Fire Assay (FA/GC method) Cu(1), Pb(2), Zn(1), Ni(2), and As(1) by AAS (MA 3 method). Sample chips from each 2m interval were geologically logged on site. The analytical results and geological logs are in Appendixes IV and V. Despite intersecting strongly pyritic dolomite (up to 40% pyrite) the results were disappointing with the maximum Au being 0.64g/t over 2m in a non-pyritic section. The elevated gold values (>0.1g/t) commonly occurred within wider intervals of anomalous As (>200ppm).

9. ENVIRONMENTAL / REHABILITATION REPORT

All rehabilitation has been completed in accordance with sections 24(e) and 166(1)(a) of the Mining Act, except possibly for 1 line of 5 RC holes on EL 7845. These RC drill holes therefore, have to be field checked. The holes have been capped, but may not have been buried 300mm below the surface.

The Department of Mines and Energy will be notified in writing once this rehabilitation has been completed.

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Woodcutters Mine

MANTON DAM

DE MONCHAUX CREEK PROJECT

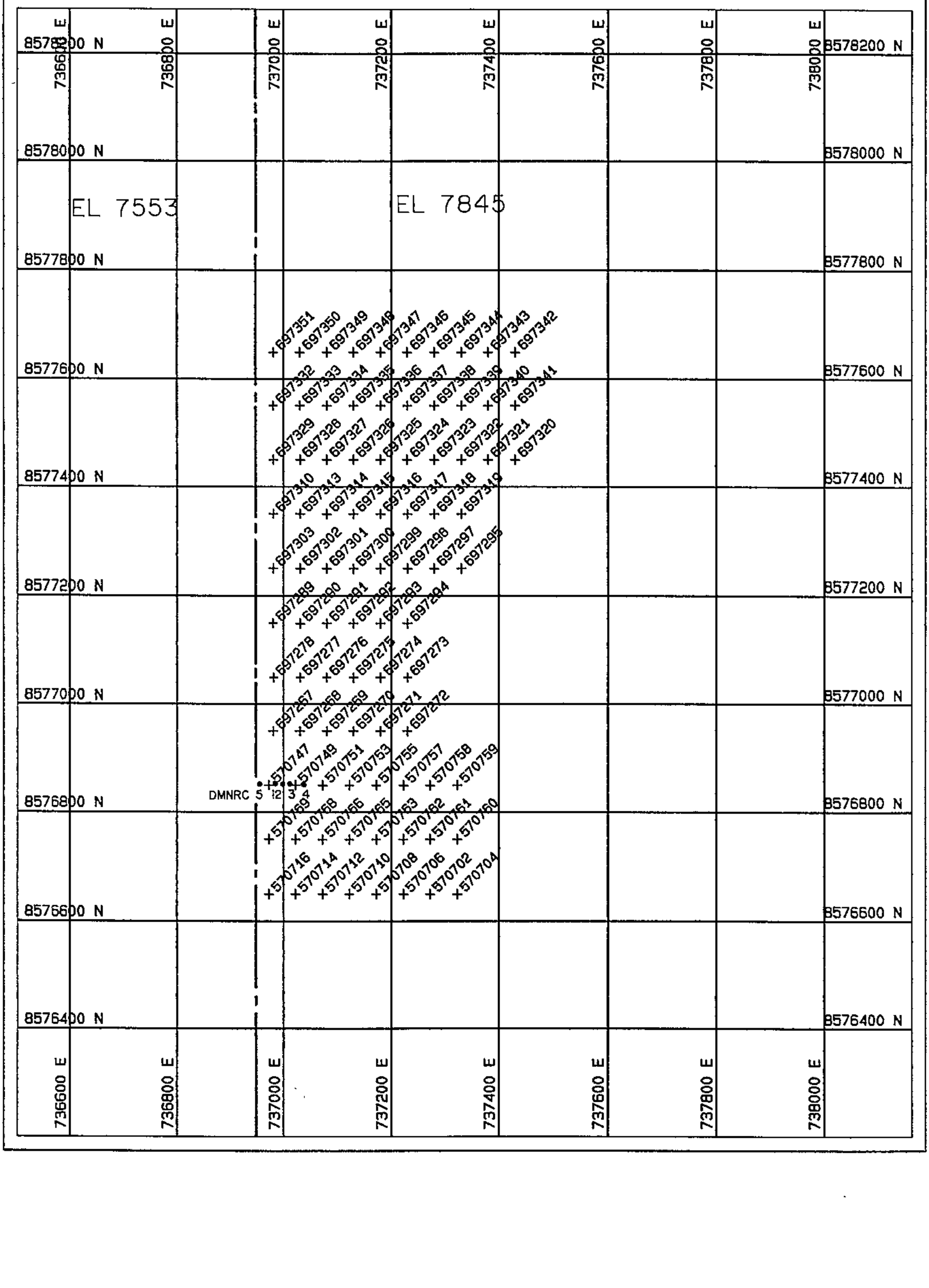
RAB SAMPLE LOCATIONS

File :EL7845R

Scale :1 : 10000

Date :11 Mar 1998

Figure 3



Woodcutters Mine

MANTON DAM

MANTON DAM

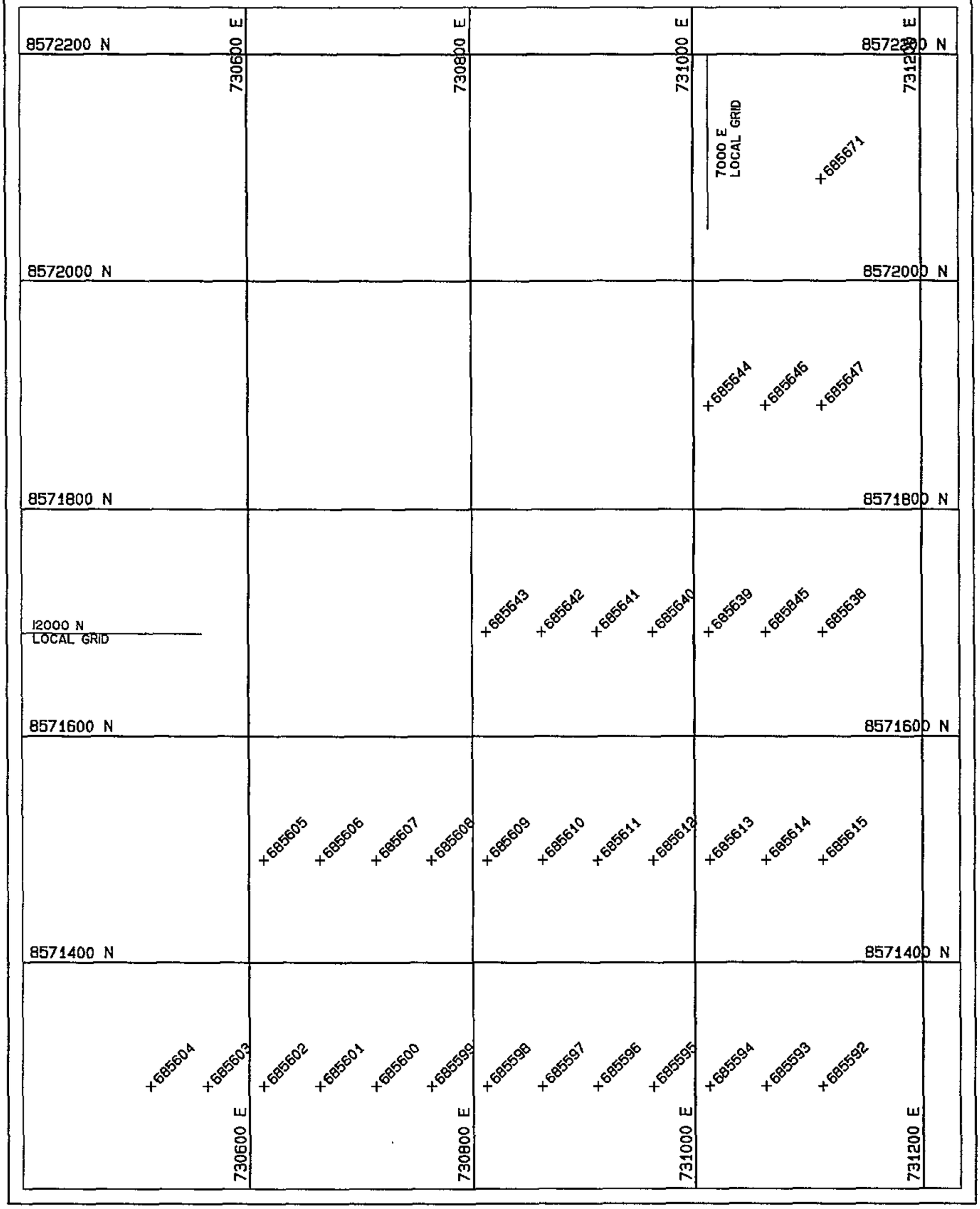
Vacuum Drill Sample Locations

File :EL8154R

Scale :1 : 5000

Date :10 Mar 1998

Figure 4



Woodcutters Mine

0 10 20 30m

	Init	Date
Geologist	IKB	
Drawn		
Checked		
Approved		

MANTON DAM

DE MONCHAUX CREEK NTH PROSPECT

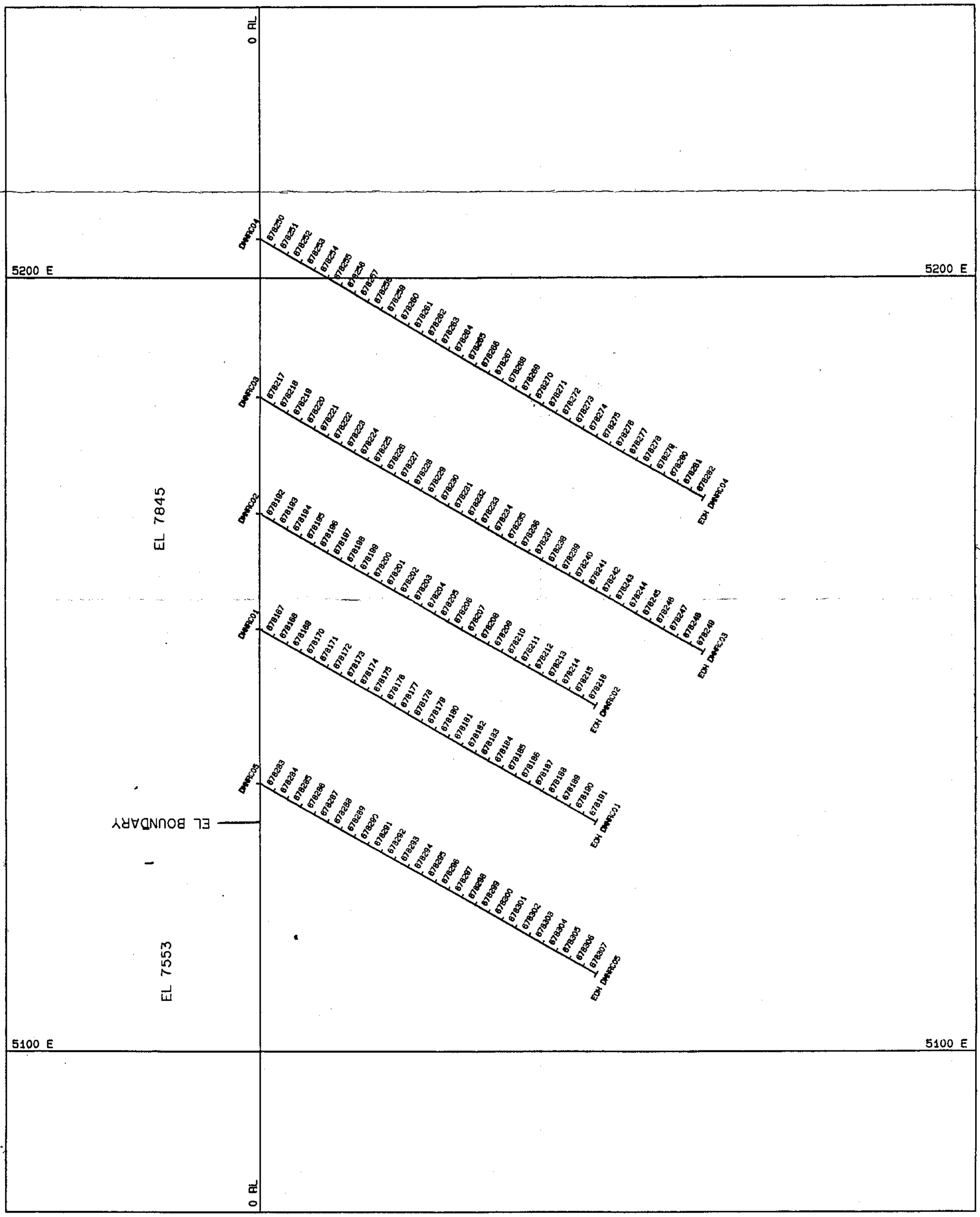
RC DRILLING -SAMPLE NUMBERS

File :E7553RC

Scale :1 : 500

Date :10 Jan 1996

Figure 5



Woodcutters Mine

0 1 5km.

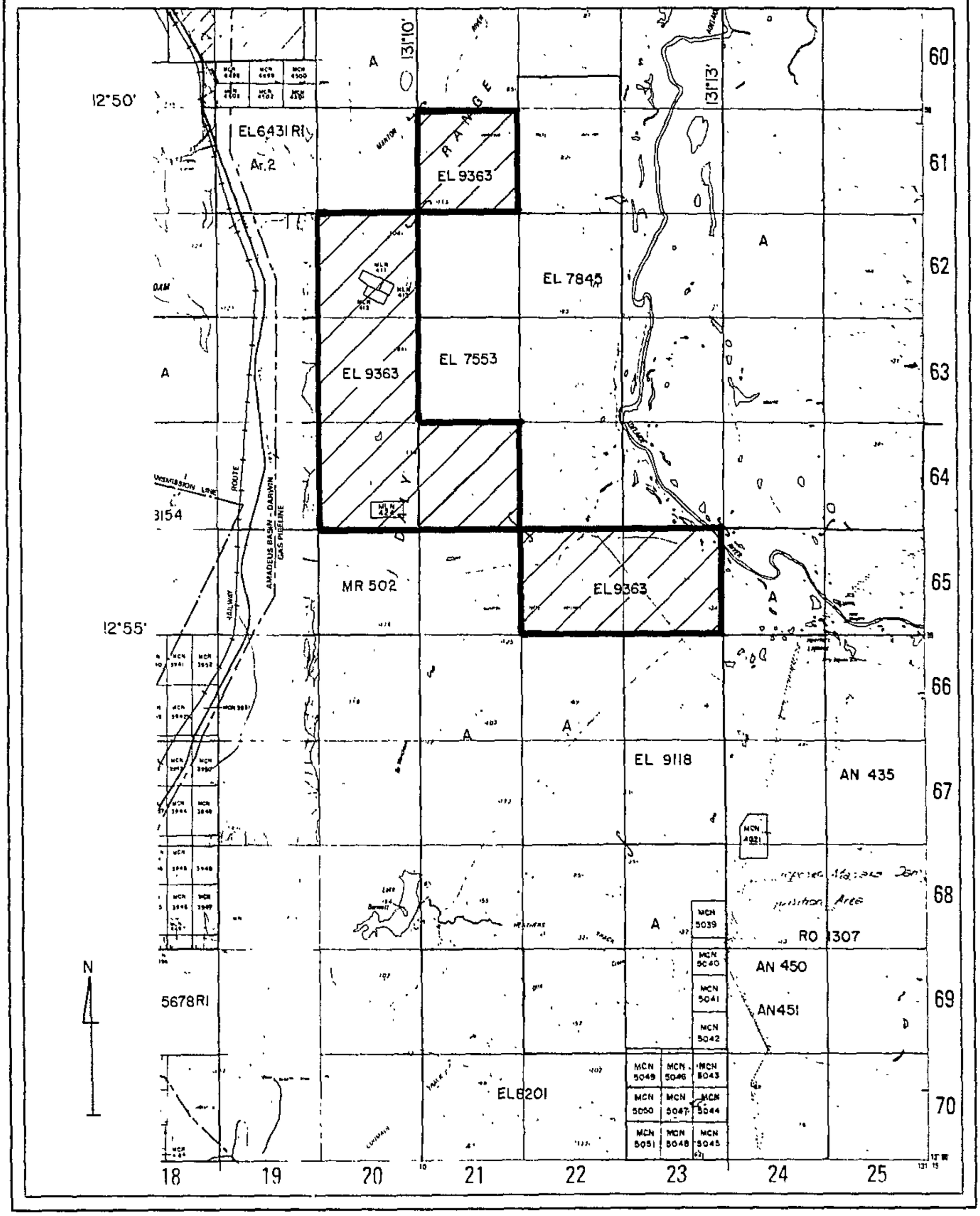
EL 9363
LOCATION MAP

File .

Scale 1 : 100,000

Date MAR 1998

Figure 6



Woodcutters Mine

0 5km

EL 8154
LOCATION MAP

File .

Scale : 1 : 100,000

Date MAR 1998

Figure 7

131°06'

131°09'

12°51'

12°55'

EL 7522
AREA 2

EL 7034

EL 7622
AREA 1

EL 7670

27 5 94

EL6431
Area 2

EL7553

EL 8154

MR 502

EL 784

EL 7534

A

Proposed

EMPN 995

EMPN 994

EMPN 805

ROUTE

DARWIN - KATHERINE

MANTON DAM

TRANSMISSION LINE

AMADEUS BASIN - DARWIN GAS PIPELINE

RAILWAY

RANGE

(Manton Dam Catchment Area Strict Environment Conditions To Apply To Mining Titles)

N

Woodcutters Mine

0 1 5km

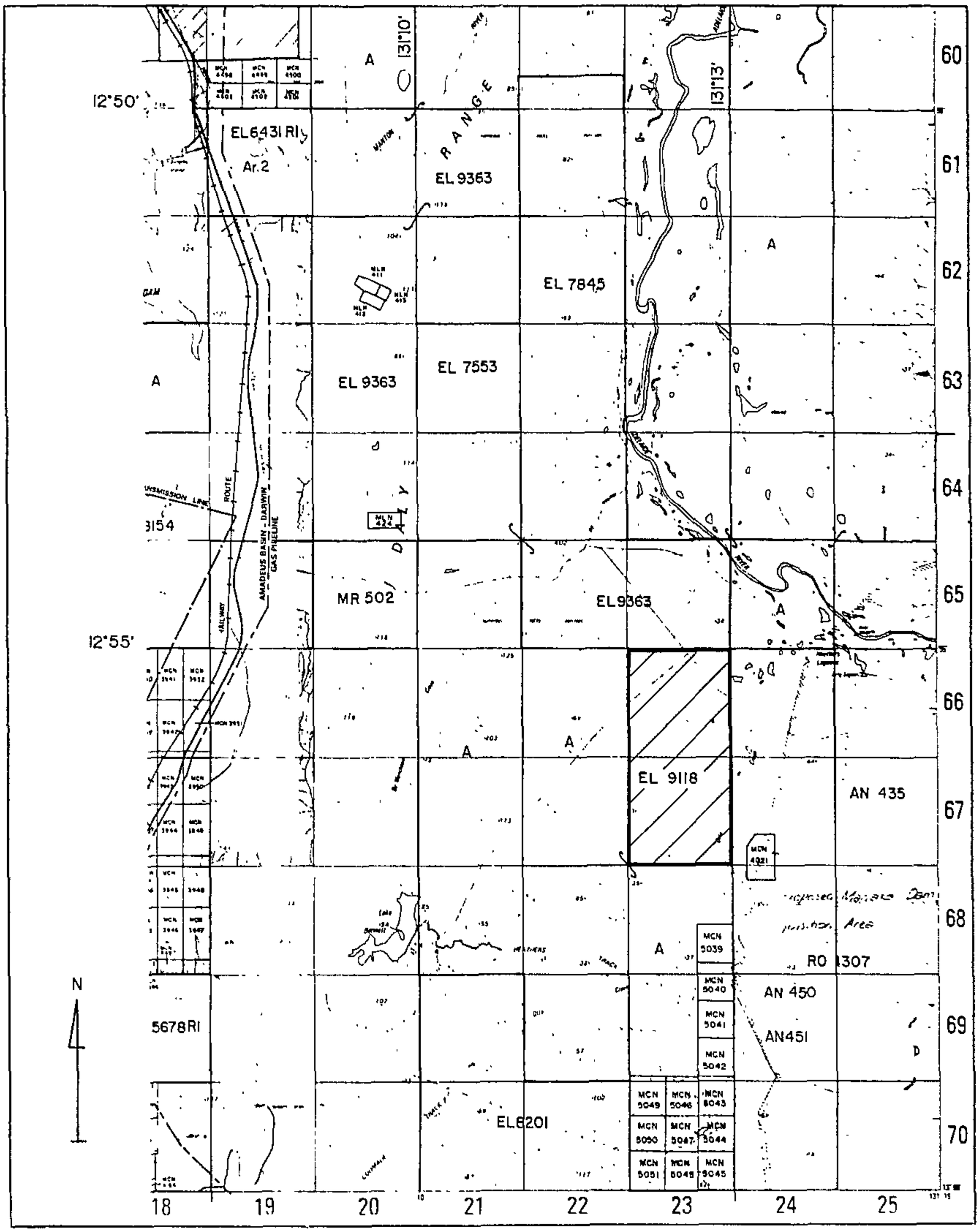
EL 9118
LOCATION MAP

File .

Scale :1 : 100,000

Date MAR 1998

Figure 8

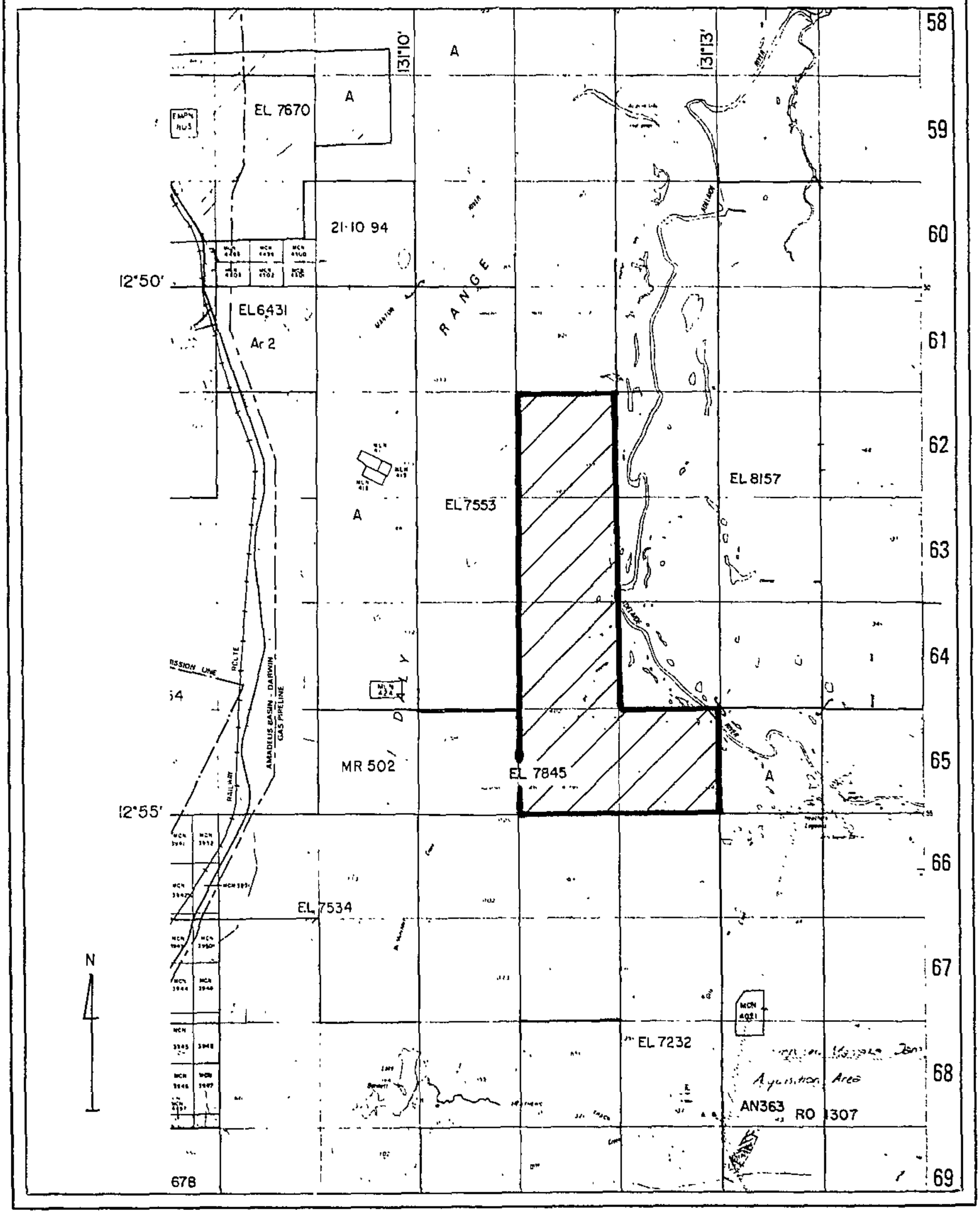


Woodcutters Mine

0 1 5km

EL 7485
LOCATION MAP

File .
Scale 1 : 100,000
Date MAR 1998
Figure 9



BIBLIOGRAPHIC DATA SHEET

REPORT NUMBER:	**22984**
REPORT TITLE:	Partial Relinquishment Report for SEL 9670, De Monchaux Creek Area, Northern Territory, 10.12.96 to 09.03.98.
PROSPECT NAME:	De Monchaux Creek, Heathers Lagoon, Manton Dam.
TENEMENT NUMBERS:	SEL 9670
OWNER/JV PARTNERS:	Normandy Woodcutters Limited - 100%
COMMODITIES:	Gold, Zinc, Lead
TECTONIC UNITS:	Pine Creek Geosyncline.
STRATIGRAPHIC UNITS:	Whites Formation
1:250,000 MAP SHEET:	Darwin SD 52-04
1:100,000 MAP SHEET:	Noonamah 5172
KEYWORDS:	Polymetallic stratabound deposits Vacuum Drilling RAB Drilling RC Drilling BLEG

APPENDIX I

VACUUM DRILLING - SAMPLE ASSAYS

amdel

21 Marjorie Street, Berrimah, Northern Territory
Postal Address : P.O. Box 58, Berrimah, N.T. 0828
Telephone: (089) 322 637 Facsimile: (089) 323 531

IAN BUTLER
Woodcutters Mine
P.M.B. 60
Winnellie

N.T. 0821

Woodcutters Structure
Vacuum drilling geochem.

ANALYSIS REPORT :

Your Reference	: 5119	Our Reference	: 5DN0940
Samples Received	: 04/08/95	Results Reported	: 14/08/95
Number of Samples	: 24	Report Pages	: 1 to 2

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL 8154 — 685584 — 685596

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

Mr Russell Holtham
Manager - Darwin
AMDEL LABORATORIES LIMITED
A.C.N. 009 076 555

amdel

Job: 5DN0940
O/N: 5119

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As	Fe	Mn	Ni
685592	97	71	69	340	12.9	2.22%	155
685593	96	57	33	120	10.8	4090	92
685594	35	35	26	80	6.79	830	62
685595	71	105	98	<50	21.1	8930	89
685596	35	43	23	<50	5.69	130	35
UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm
DET.LIM	2	4	2	50	0.01	4	4
SCHEME	AA1	AA1	AA1	AA1	AA1	AA1	AA1
UPPER SCHEME						AA1C	

amdel

Job: 5DN0940
O/N: 5119

Final ANALYTICAL REPORT

SAMPLE	AuDp1	AuDp2	Co
685592	5	--	145
685593	4	--	64
685594	2	--	32
685595	18	16	135
685596	3	--	18
UNITS	ppb	ppb	ppm
DET.LIM	1	1	4
SCHEME	AA9	AA9	AA1

amdel

21 Marjorie Street, Berrimah, Northern Territory
Postal Address : P.O. Box 58, Berrimah, N.T. 0828
Telephone: (089) 322 637 Facsimile: (089) 323 531

IAN BUTLER
Woodcutters Mine
P.M.B. 60
Winnellie
N.T. 0821

Woodcutters Structure
Vacuum/auger drilling.

ANALYSIS REPORT : Final

Your Reference	: 5120	Our Reference	: 5DN0947
Samples Received	: 08/08/95	Results Reported	: 18/08/95
Number of Samples	: 66	Report Pages	: 1 to 4

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL 8154 - 685597 - 685662

Report Codes:
N.A. -Not Analysed
L.N.R. -Listed But Not Received
I.S. -Insufficient Sample

Approved Signature:

for

Mr Russell Holtham
Manager - Darwin
AMDEL LABORATORIES LIMITED
A.C.N. 009 076 555

amdel

Job: 5DN0947
O/N: 5120

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As	Fe	Mn	Ni
685597	68	86	49	200	13.7	1010	51
685598	68	84	62	190	13.5	430	49
685599	57	60	59	120	9.89	1530	57
685600	70	80	105	180	12.6	4380	64
685601	69	88	68	200	13.8	2470	54
685602	64	75	47	120	9.60	3180	48
685603	79	11	22	<50	4.99	820	59
685604	58	26	25	<50	4.27	4290	52
685605	56	39	25	<50	3.86	115	57
685606	49	32	17	<50	3.45	240	52
685607	55	53	38	130	9.09	970	48
685608	56	51	45	170	11.0	220	41
685609	62	40	13	<50	5.82	89	44
685610	49	33	7	<50	4.76	57	44
685611	67	56	39	180	11.3	200	29
685612	52	30	8	<50	5.18	40	29
685613	33	32	2	<50	3.03	155	31
685614	37	24	7	<50	5.46	14	24
685615	24	16	9	<50	4.19	20	14
685638	77	29	19	<50	8.93	26	20
685639	69	51	29	140	9.55	200	33
685640	62	41	15	<50	5.47	43	50
685641	60	48	11	<50	4.84	79	42
685642	36	29	15	<50	3.75	18	34
685643	40	34	22	70	5.87	72	29
685644	80	79	43	150	11.6	520	32
685645	60	26	18	<50	4.81	53	27
685646	115	39	69	90	12.9	1380	50
UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm
DET.LIM	2	4	2	50	0.01	4	4
SCHEME	AA1	AA1	AA1	AA1	AA1	AA1	AA1

amdel

Job: 5DN0947
O/N: 5120

Final

ANALYTICAL REPORT

SAMPLE	AuDp1	AuDp2	Co
685597	4	--	26
685598	2	--	24
685599	2	--	30
685600	3	--	33
685601	4	2	30
685602	<1	--	38
685603	<1	--	10
685604	2	--	32
685605	2	--	25
685606	2	--	34
685607	2	--	29
685608	3	3	15
685609	5	--	17
685610	4	--	16
685611	4	--	15
685612	3	--	9
685613	2	--	14
685614	2	--	4
685615	2	--	6
685638	5	--	10
685639	10	--	21
685640	4	--	21
685641	<1	--	13
685642	3	--	4
685643	4	--	8
685644	6	5	14
685645	3	--	5
685646	<1	--	39
UNITS	ppb	ppb	ppm
DET.LIM	1	1	4
SCHEME	AA9	AA9	AA1

amdel

Job: 5DN0947
O/N: 5120

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As	Fe	Mn	Ni
685647	79	18	37	90	5.69	84	36
685662	59	28	29	100	11.8	82	20
UNITS	ppm	ppm	ppm	ppm	%	ppm	ppm
DET.LIM	2	4	2	50	0.01	4	4
SCHEME	AA1	AA1	AA1	AA1	AA1	AA1	AA1

amdel

Job: 5DN0947
O/N: 5120

Final ANALYTICAL REPORT

SAMPLE	AuDp1	AuDp2	Co
685647	<1	--	9
685662	2	--	8
UNITS	ppb	ppb	ppm
DET.LIM	1	1	4
SCHEME	AA9	AA9	AA1

amdel

Job: 5DN0955
O/N: 5121

Final

ANALYTICAL REPORT

SAMPLE	Cu	Pb	Zn	As	Ni	Co	Fe
685671	67	30	32	<50	74	28	3.84
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	%
DET.LIM	2	4	2	50	4	4	0.01
SCHEME	AA1	AA1	AA1	AA1	AA1	AA1	AA1

amdel

Job: 5DN0955
O/N: 5121

Final

ANALYTICAL REPORT

SAMPLE	AuDp1	AuDp2	Mn
685671	1	<1	210
685672	1	<1	550
UNITS	ppb	ppb	ppm
DET.LIM	1	1	4
SCHEME	AA9	AA9	AA1

APPENDIX II

RAB DRILL LOGS

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553   Logged by: T.J.S.   Date: 26/7/94

Sample No.	North	East	From	To	Colour	Surf.	Clay	Slst	Sst	Carb			COMMENTS
697264	(2m) →		12	14	grey			✓		✓			Silicified, grey v.f.g. carbonaceous siltstone/mudstone
(14m)													
	12100	5100	0	2	Or/Brn	✓	✓						Alluvium + Or. Clays + ferr. frags.
[redacted]													
			2	4	light Brn.		✓			?✓			wthd. ?Carbonate / Siltstone
697265			4	6	grey/wht		✓		✓	✓			" "
" "	{(6m)	{	6	8	" / " "				✓	✓			" "
697266			8	10	" / "				✓	✓			" "
" "			10	12	Grey				✓	✓			Silicified grey v.f.g. carbonate siltstone/mudstone
(2m)													
697265	⊛ ASSAY GOLD CHECK ⊛ (A1)												——→
	12100	5150	0	2	Or/Brn	✓	✓						Alluvium + Orange clays.
[redacted]													
			2	4	Gry/Grn/Buff								? Silicified metasiltstone
697267	(2m) —		4	6	" " "								" " " "
	(lost circulation in cavernous ground)												
	12100	5200	0	2	Red/Brn	✓	✓						Ferruginous pisolitic frags
857695 0N;	736970 E												+ Alluvium &
			2	4	Or/grn/rd		✓						Ferr. Mottled Clays.
			4	6	" " "		✓						" " "
			6	8	Grey/Green		✓	✓	M	✓			Saprolitic silty carbonates?
697268	{(3m)	{	8	10	Grey/Green		✓	✓	"	✓			" " "
" "			10	11	Grey			✓		✓			Grey v.f.g. silicified carbonaceous siltstone/metasiltstone
697269	12100	5250	0	2	Or/Brn	✓	✓						Alluvium + ferr. frags +
857695 0N;	737020 E												Orange Clays
(5m) sample			2	4	Red		✓						Ferruginous Clays.

Grey/ siltstone

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 26/7/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb			COMMENTS
697269	5m composite		4	5	Or Clays.		✓						Or. Ferr. Clays. (Lost Circulation in Caverneys Ground)
5m													
	12100	5300	0	2	Or/Red	✓	✓						Ferr. Clays
8576950 N;	737070	E											frags + Alluvium
			2	4	" / "		✓						" " "
			4	6	Or/Brn		✓						Mottled Ferr.
			6	8	Or/Brn		✓						Clays.
			8	10	Cream/Or		✓			✓			" " "
													Decomposed
													Siliceobs
										?			Mudstone/carbonate?
			10	12	Brn "		✓	✓		✓			Saprolite
			12	14	Brn								" " "
													Talcose "Greasy" Saprolite
			14	16	Brn.		✓	✓					Clays
697270			16	18	Brn		✓	✓					Talcose Brown "greasy"
2m "	5m		18	20	Brn		✓	✓					Mudstone/
"			20	21	" "		✓	✓					argillite
													" " "
	12100	5350	0	2	Or/Brn	✓	✓						Ferr frags +
8576950 N;	737120	E											Alluvium.
			2	4	Red.		✓						Ferruginous Clays
697271			4	6	Brn		✓	✓					"Greasy" Brown
4m " "			6	8	Brn		✓	✓					Talcose Mudstone/
			8	10	Brn		✓	✓					argillite.
	12100	5400	0	2	Or/Brn	✓	✓						Ferr. frags +
8576950N	737170E												Alluvium.
8576950N;			2	4	Yell/Or.		✓						Yellow/Orange
	737170E												Ferr. Clays/Sands
			4	6	Greenish/Buff		✓						& Siliceous
697272			6	8	"		"						grey mudstone
4m " "			8	10	"		"						/carbonate
			10	12	"		"						
	12200	5400	0	2	Or	✓	✓	✓					
8577050N	737170E												Ferr Clays +
			2	4	Buff/Or:								Alluvium.
			4	6	Brn.		✓						" " "
			6	8	"		✓						Brn. mudstone/
			8	10	"		✓						argillite.
			10	12	"		✓						"
			12	14	"		✓						"
697273	4m		14	16	"		✓						"
			16	18.	"								"

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 27/7/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mudst	COMMENTS
697273 (4m)			16	18	Brn			✓		?		V-f-g. Brown Argillaceous Mudstone/ Claystone
	12200	5350	0	2	Or/Brn		✓					Alluvium & Ferr. silts.
		37120	2	4	" "		✓					" "
			4	6	pale blue/lime		✓				✓	Decomposed Saprolite
697274			6	8	"		✓				✓	" "
"	(8m		8	10	"		✓				✓	" "
"	Composite		10	12	" /Brn		✓				✓	" "
697274 (4m)			12	14	Pale Blue/Brn		✓				✓	Claystone Claystone
	12200	5300	0	2	Or/Red	✓	✓					Pisolitic ferr.
		137070	2	4	Brn/Grey	✓						Clayey Saprolite
			4	6	" /Grn	✓						" "
			6	8	Brn.	✓	✓				✓	V-f-g. Brn Mudstone/
			8	10	Brn							Claystone.
			10	12	Brn						✓	" "
697275	(6m		12	14	Brn.						✓	
" "			14	16	Brn						✓	Brn Claystone
697275			16	18	Brn						✓	" " "
	12200	5250	0	2	Or/Pink	✓	✓					Pisolitic ferr.
	737020		2	4	Brn/Buff	✓						Mottled silty/
			4	6	"	✓						Sandy Clays
			6	8	"	✓						" "
697276			8	10	Brn		✓				✓	Silicified (?)
"												ferruginised
697276			10	12	Brn/		✓				✓	Claystone
697276	(6m		12	14	Grey		✓					" " "
"	Grey											Gy Dolomitic
697276			14	16	Grey		✓					Siltstone
												" " "

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 27/7/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mudst	COMMENTS
	12200	5200	0	2	Rd/or	✓	✓					Pisolitic ferr.
												Trans ⊕ Soils.
	736970		2	4	Or.		✓					Mottled ferr
												Clays /
			4	6	Brn		✓					Decomposed
												Clayey Saprolite
			6	8	Wht		✓			✓		Wht Saprolite
												(carbonate)
			8	10	Wht/grey					✓		Wht/Gy Carbonat
												/siltstone.
697277	(6m)		10	12	"			✓		✓		" " "
"			12	14	Grey			✓		✓		Silicified Grey
697277			14	16	"			✓		✓		Dolomitic
			16	17	Grey			✓		✓		siltstone
12m												
	12200	5150	0	2	Or/Red	✓	✓					Sandy ferr
	136920.											pisolites +
			2	4	Brn/or		✓					Alluvium.
			4	6	" / "		✓					Mottled Or. Clay
			6	8	"		✓					" "
												ferr. Mottled/c
			8	10	Brn/or		✓					Clays
			10	12	Buff/Brn		✓	✓	✓			" " "
												Silicified,
												Silty/Ferr. Carb
			12	14	" / "		✓	✓	✓	✓		Saprolite
697278	(4m)		14	16	" / "			✓	✓	✓		" " "
697278			16	18	" / "			✓		✓		Massive buff/
18m												wht Dolomite
												with Manganese
												Dendrites
	12200	5100	0	2	Red	✓	✓					Alluvium / Ferr. C
	736870		2	4	Red		✓					Ferr. Mottled Clays
			4	6	Brn		✓				✓	Brn. Claystone/
697279.	(4m)		6	8	Brn						✓	Mudstone.
697279			8	10	Brn						✓	" " "
												" " "
	[redacted]		0	2	Red/Brn	✓	✓					Ferr sandy
												pisolites. /
	[redacted]		2	4	Buff.		✓					Clay Saprolite
			4	6	"		✓					" "
			6	8	Buff/Grey		✓					Mottled
			8	10	" / "		✓					Saprolitic Clay
697280	(6m)		10	12	Wht/grey						✓	? Carbonate /

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553. Logged by: T.J.S. Date: 27/7/94

Sample No.	North	East	From	To	Colour	ROCK TYPE Surf.	Clay	Slst	Sst	COMMENTS
697285			10	12	grey/s			✓		Pale "greasy" clay
"	(6m)		12	14	" "			✓		" " " "
697285			14	16	Brn/grey			✓		Ferruginous fine
(6m)										Meta-Siltstone
	[redacted]		0	2	Red.	✓	✓			Sandy ferr. pisolites
697286										+ Alluvium.
" "	(8m)		2	4	Red/Or	✓				Ferr. Clays.
697286			4	6	Or/Grey	✓				Pale clays.
Composite			6	8	Grey	✓				(Lost Circulation in
(8m)										Cavernous ground) " "
	[redacted]		0	2	Red/Or	✓	✓			Sandy Ferrug. Pisolites
			2	4	Red/Or		✓			+ Alluvium.
			4	6	Buff/Or/Red					Ferruginous Clays
			6	8	Buff/Or/grey					Mottled " " "
697287 (2m)	→		8	10	Buff/Brn/Red					Pale Clays.
(10m)										(Lost Circulation CRUD. (Karst Fill
										in cavernous ground)
	[redacted]		0	2	Red/Or	✓	✓			Sandy ferr. pisos
			2	4	Purple/Or	✓	✓			+ Alluvium.
			4	6	Purple/Or			✓		Haematitic
			6	8	" "			✓		Siltstone frags
			8	10	" "			✓		+ Clays
697288 (2m)	→		10	12	Purple/yellow			✓		" " "
										" " "
										f.g. Haematitic
										Meta Siltstone
	12300	5150	0	2	Red/Brn	✓				Ferr. frags +
			2	4	Or		✓			alluvium.
			4	6	Or		✓			Ferr. Or. Clays
			6	8				✓		" " "
			8	10				✓		Purple / Grey
			10	12				✓		Silicified
697289	(4m)		12	14				✓		Siltstone.
697289			14	16				✓		" "
										" "
	12300	5200	0	2	Red	✓	✓			Ferr. Clays +
			2	4	"		✓			frag.
			4	6	Brn		✓			Orange +
			6	8	"		✓			Brown Clays
			8	10	Brn		✓			"
			10	12	"		✓			"
			12	14	"		✓			"

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 27/7/94

Sample No.	North	East	From (m)	To	Colour	Surf.	Clay	Slst	Sst	Carb	Mudst.		COMMENTS
697290	(4m)	}	14	16			✓	✓					Purple/Grey Siltstone.
(16m)													
	12300	5250	0	2	Red/Brn	✓	✓						Ferr frags + Brn soil.
697291 (4m)	(4m)	}	2	4	Red/Or		✓						Ferr. Clays (Lost Circulation in Cavernous Ground)
	12300	5300	0	2	Red/Brn		✓						Soils + Ferr. frags.
			2	4	Red		✓	✓	✓				Ferr Clays.
			4	6	Purple/Brown				(?✓)	✓	✓		Silicified fg
			6	8	" / "		✓	✓	✓	✓	Karst Fill		?Qtz sandstone (Quartzite)
			8	10	" / "		✓	✓	✓	✓			+ various silty lithic frags + clays
			~~8~~	~~10~~									
697292	(2m)	—	10	12	White/Grey		✓			✓			Decomposed Carbonate.
	12300	5350	0	2	Red/Brn	✓	✓						Ferr frags + Alluvium
			2	4	Or/Brn		✓					Ferr	Orange Clays.
			4	6	" "		✓						" "
			6	8	Or/Brn		✓					Ferr	Decomposed, Schistose Saprolite.
			8	10	Brn.		✓						? Mafic Siltstone
697293 (4m)	(4m)	}	10	12	Brn/Green		✓						" "
" "			12	14	Green/Blue/Grey			✓				silty	Grey, v.f.g. micaceous silty mudstone.
	12300	5400	0	2	Or/Red	✓	✓						Ferr frags + soil
	857150N	737170E	2	4	" "		✓						Ferr. Clays +
			4	6	lime/wht		✓						Carbonate pale Clays.
			6	8	Purple/Red		✓	✓			✓	Ferr	Haematitic Mudstone.
			8	10	Purple/Gy			✓			✓		" "
			10	12	" "						✓		" "
(4m) 697294	(2m)	→	12	14	Grey						✓	Vfg	Grey Mudstone/Siltstone.

WOODCUTTERS RAB LOGGING SHEET

Location: EL. 7553. Logged by: T.J.S. Date: 27/7/94.

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Qtz	Tot	COMMENTS
	12400	5500	0	2	Red/Brn	✓	✓						Ferruginous
85	77250M	737270E											frags + alluvium
			2	4	Red/Or.		✓						Mottled
													Ferruginous
													Clays)
			4	6	Grey/Brn		✓						Saprolitic Clays
			6	8	"		✓						Decomposed /
697295	(4m)		8	10	"		✓						Schistose,
(3m.			10	12	"		✓						Matic
(8)	(14-18m)		12	18	Brn/Green		✓				✓		Decomposed MAFIC
	—	—	—										
27/7/94													
(2m)	12400	5450	0	2	Wht/Red	✓	✓				✓		Massive Qtz
		73720											Vein & ferr
697297	(2m)												frags.
(Transported)	12400	5400	0	2	Red/Or	✓	✓						Alluvium.
Wht Clays		737170	2	4	Red		✓						Ferr frags
													+ clays.
			4	6	Or.		✓						Orange Clays
			6	8	Or		✓						" "
			8	10	Or.		✓						" "
697298	(4m)		10	12	Or/wht		✓						Orange/wht Clays
" "			12	14	"	"	✓						(Lost Circulation) " "
	12400	5350	0	2	Wht/Brn	✓	✓						Alluvium +
		737120											silty sand &
													frags.
			2	4	Red/Brn		✓						Ferruginous Clays
			4	6	Pale Grey		✓						Saprolitic Clays
			6	8	"		✓						" "
			8	10	"		✓						" "
			10	12	"		✓						" "
			12	14	"		✓						" "
			14	16	Grey		✓	✓					? Mudstone /
													Siltstone ?
697299	(4m)		16	18	"		✓	✓					" "
" " "			18	20	Grey			✓					Siltstone / Mudst
	12400	5300	0	2	Or/yellow		✓						Mottled Clays
	73	070	2	4	Red/Or		✓						+ Alluvium
													Ferruginous
			4	6	Or/Red		✓						Clays
													" " "

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553. Logged by: T.J.S. Date: 28/7/94

Sample No.	North	East	From	To	Colour	ROCK TYPE Surf.	Clay	Slst	Sst	Carb	Mud	Tot.	COMMENTS
(697300)			6	8	Or/Red/Wht		✓						Mottled Or Clays
		720	8	10	Or		✓						Powdery Clays.
	7270		10	12	"		✓						" "
			12	14	"		✓						" "
			14	16	Or		✓						Powdery Clays
			16	18	Brn/Or		✓				✓		?Bedon Mudstone
697300		(5m)	18	20	" "		✓				✓		" "
"			20	22	Brn			✓					Brn Silicified
(5m) 697300			22	23	Brn			✓					"Cherty" mudstone
	12400	5250	0	2	Red/Wht		✓						Alluvium ⊕ ferr frags
		7270	2	4	Red/Wht		✓						" " "
			4	6	Brown		✓						Clays.
			6	8	Grey/wht/Brn		✓						Saprolitic Clays
			8	10	Grey		✓						" "
697301		(6m)	10	12	Grey/Green						✓		Intrusive?
"			12	14	" "						✓		"
(6m) 697301			14	16	"						✓		MICRODOLERITE /Intermediate? Intrusive Sill?
	12400	5200	0	2	Red/Wht		✓						Alluvium + ferr. frags.
		7270	2	4	Grey/lime		✓						Clays
697302		(2m)	4	6	" "		✓						" "
						(Lost Circulation)							
	12400	5150	0	2	Or/Brn		✓						ferr frags ⊕ Alluvium.
			2	4	pale gy/Brn		✓						Clays
		7270	4	6	" "		✓						" "
			6	8	" "		✓						"
			8	10	Brn		✓				✓		Chocolate Brn
		(4m)	10	12	Brn		✓				✓		Mudstone /
697303			12	14	Brn		✓				✓		Claystone
697304	[redacted]		0	2	Or/Wht		✓						" " "
" " "		(4m)	2	4	lime/Or.		✓						Qtz Vein frags ⊕ ferr. Alluvium lime/orange clays
		7268 10				(lost circulation)							
	12400	5050	0	2	Or/Brn		✓				Sand		Pisolitic Lags ⊕ Alluvium
		7268 20											

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 28/7/94

Sample No.	North	East	From	To	Colour	Surf.	Clay	Slst	Sst	Carb	Mud	Tuff	COMMENTS
697309			10	12	Brn/Green		✓						Ferruginised
↓	75687 (6m)												Fragments of
													Red Clays
													(Karst Fill)
			12	14	Brn/Red/Green/Black		✓						" " "
697309			14	16	" / " / " / "								" " "
					(Lost Circulation)								
	12500	5250	0	2	Brn	✓	✓						ferr. frags +
	97?												Alluvium
	736		2	4	Or/Brn		✓						Clays + Qtz
													frags.
697310	(4m)		4	6	Or/gy		✓						Clays.
" " "			6	8	" / "		✓	(lost Circulation)					" grey Clays. fill
697311	[redacted]		0	22			ROCKCHIP						at 12500 N 5250 E
X	—	—	—		(Ferruginised Lateritic Subcrop)								
CHECK 697312	[redacted] (FI)				—								697312
	[redacted]		0	2	Brn	✓							Sandy frags
3/8/94													+ Alluvium
			2	4	Brn/gy		✓						Siliceous
													grey clays
			4	6	Brn/gy		✓	✓					" "
			6	8	Brn/gy		✓	✓					Clays + ferr
													frags.
			8	10	Brn		H₂O (Abundant)						" "
			10	12	"		✓	✓					" "
(22m)			12	14	"		✓	✓		✓			" "
			14	16	"		✓	✓					" "
			16	18	"		✓	✓					" "
697313	(4m)		18	20	Brn			✓			✓		Brown, wthd
" "			20	22	"			✓			✓		Shale fragments
AA	12500	5250	0	2	Red/Brn	✓	✓						Ferr. Alluvium
							✓						Soil, + Qtz Vn
													frags.
			2	4	Brn.		✓						Ferr. wthd
													Soils
			4	6	Dk.Brn/Wht	✓							Mixed Soils
													wthd rock +
													carbonates.
			6	8	" / "		✓						" "
			8	10	" / "		✓						" "

Margin notes: (in Karst cavern); Karst; Karst

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 3/8/94

Sample No.	North	East	From	To	Colour	Surf.	Clay	Slst	Sst	Carb	Mod.	Int	COMMENTS
[illegible]	[illegible]	[illegible]250	10	12	Brn/Wht		✓	✓					Karst fill
													Soils, frags,
													+wthld /
													Carbonates
697314		{	12	14	Brn/Wht		✓	✓?				✓	Decomposed
↓													Blue-Green
	(6m)												? Mafic
" ↓ "		}	14	16	Green/Brn		✓					✓	Blue-Green
													f-g. Dolerite
697314			1[illegible]	[illegible]	"							✓	" " "
	12500	5300	0	[illegible]			✓						Ferr Alluvium
													± Soils.
			2	4	[illegible]		✓						" " "
			4	6	Brn		✓						Decomposed
													Saprolite
			6	8	"		✓						"
			8	10	"		✓						"
			10	12	Brn/grey		✓						" "
			12	14	Grey			✓					Massive Grey
697315	(4m)	{	14	16	"			✓					silty Shale/
" "		}	16	18	"			✓					" " "
	12500	5350	0	2		✓	✓						Ferr Alluvium
													± Soils
			2	4			✓						Ferr frags,
													Qtz, Carbonates
													± Soils
			4	6			✓						Pale grey clays
													+ Brown sands
697316	4m	{	6	8			✓						Brown sands
" "		}	8	10			✓	(lost air)					⊕ lithic frags
	12500	5400	0	2	Wht/Brn		✓						Ferr. Alluvium
													Soils + Qtz
													frags.
			2	4	Or/Gy		✓						Mottled
													Grey/Orange
													clays
			4	6	Or/Gy		✓						" "
			6	8	Grey		✓						Grey "greasy"
													clays
			8	10			✓						" "
			10	12	Brn		✓	✓					Brn Muds
697317		{	12	14	Brn		✓	✓					Purple/Grey
" "		}	14	16	Brn		✓	✓					Siltstone/
													Shales.

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553. Logged by: T.J.S. Date: 3/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Muds	Tot	COMMENTS
	12500	5450	0	2	Or/Brn	✓	✓						Ferr. alluvium
													+ Soils.
			2	4	Or/Brn		✓						Orange alluvial
													Soils + ferr.
													frags
			4	6	Brn/Buff		✓						Clays carbon-
													aceous + qtz +
			6	8	Red/Or/Buff	✓							ferr. frags.
			8	10	Brn		✓						Mottled Clays
													Decomposed
			10	12	Brn		✓						Sands + clays.
			12	14	Brn/Red		✓						Clayey Sands.
			14	16	Brn		✓						〃 / 〃
			16	18	Brn		✓						〃 〃
697318			18	20	Grey/Brn		✓	✓?					〃 〃
〃 〃 4	(6m)	}											Decomposed
〃 〃			20	22	〃 〃		✓	✓?					Sapolite.
697318			22	24	Grey/Brn		✓					✓	〃 〃 〃
													Brown Muds
													+ Decomposed
													f.m.g Bluish
													? Dolerite ?
	12500	5500	0	2	Wht/Yellow	✓							Alluvium +
8 s 7730N 7370E													Decomposed
			2	4	Red/Brn	✓							Qtzite frags.
			4	6	Or/Brn	✓							ferr alluvium
													+ soils/clays
			6	8	Or/Grey	✓							ferr. orange
			8	10	〃 / 〃		✓						clays. +
			10	12	〃 / 〃		✓						lithic frags
			12	14	Grey/Orange		✓						Clays + soils.
697319	(4m)	}	14	16	Yellow/Grey	✓	✓						〃 / 〃
〃 〃			16	18	〃 / 〃	✓	✓						〃 〃
													Decomposed
													Sandy Sapolite
													Silicified (Qtz
													rich) laminated
													Siltarenite.
	12500	8600	0	2									

WOODCUTTERS RAB LOGGING SHEET

820 Location: EL 7553 Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mud	Tot	COMMENTS
	12600	5600	0	2	Or/Brn	✓	✓						Alluvium
857450N	737370E												⊕ abundant
													Qtzite lithics
			2	4	Or.		✓						Sands & minor
													ferr. frags.
			4	6	Or/Wht.		✓						Mottled Sands
													& clays.
			6	8	Brn/Buff.		✓				✓		"Greasy"? mudst
			8	10	" "		✓				✓		" "
			10	12	Grey/Brn		✓				?		Decomposed
			12	14	" "		✓				•		Saprolitic Clays
			14	16	Brn		✓				✓		" " "
			16	18	"						✓		Greasy Talcose
			18	20	"						✓		Brn, nitro- micaceous
697320	(4m)		20	22	"						✓		Mudstone
" "													
	12600	5550	0	2	Wht/Or	✓	✓						Alluvium ⊕
													abundant
													Qtzite frags.
			2	4	Or/Brn		✓						Sands &
													minor terr. frags
			4	6	Wht/Buff.		✓						
			6	8	Or/Wht/Grey		✓						Mottled Clays.
			8	10	" " "		✓						" "
			10	12	" " "		✓						" "
			12	14	" " "		✓						" "
			14	16	Brn/Grey		✓				✓	Vfg	Micaceous
697321	(5m)		16	18	" "						✓		Mudstone.
" "			18	20	" "						✓		" "
697321			20	21	Brn/Grey						✓		" "
	1260	5500	0	2	Or/Wht	✓	✓						Alluvium ⊕
													abundant Qtzite
													frags.
			2	4	Red/Or/Yell		✓						Terr clays and
													Sands. /
			4	6	Grey/Brn		✓						Clays.
			6	8	Wht/Grey		✓						Saprolitic Clays.
697322			8	10	Green		✓					DK.	Green Clays.
" "	(5m)		10	12	Green/Brn		✓						Sandy Clays.
" "			[illegible]				✓						
697322			12	13	" "		✓				(lost air)		Matic sandy
													clays/ +
													f.g. Blue wthd
													f Dolerite

WOODCUTTERS RAB LOGGING SHEET

23 Location: EL 7553 Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	Surf	Clay	Slst	Sst	Carb	Mud	Int	COMMENTS
	12600	5450	0	2	Brn/Wht	✓	✓						Alluvium + powdered Qtzite frags
			2	4	Brn.		✓						Clays Sands + Qtz Vn frags
			4	6	Pale gy/Brn		✓						Greasy Clays.
			6	8	"		✓						" "
			8	10	Pale Gy		✓						Clays + sands.
697323	(5m)	{	10	12	Dark/Gy		✓	✓					Laminated Dark Grey Dolomitic Siltstone
"			12	14	"			✓					
697323			14	15	"			✓					
(15m)													
	12600	5400	0	2	Brn/Wht	✓	✓						Alluvium + wthd Qtzite sands.
			2	4	Caramel Brn		✓						Laminated Clays
			4	6	Or/Grey.		✓						Mottled Clays/
			6	8	Brn		✓						Clays + sands.
			8	10	Brn.		✓						Clays.
			10	12	Or.		✓						Silty Sands.
697324	(6m)	{	12	14	"		✓						" "
"			14	16	Or/Brn		✓				✓		Brown/purple Talcose/
697324			16	18	Brn/purple						✓		Mudstone.
	12600	5350	0	2	Or/Brn	✓	✓						Ferr. Alluvium + Sands.
			2	4	Brn/Wht		✓						Sands + Abundant Qtz frags.
697325	(4m)	{	4	6	Or/Grey		✓						Mottled Clays.
" "			6	8	" / "		✓						"Gritty" Clays.
			8	10	Wht/Or (Sticky clays)		✓	(lost air in Cavernous Ground)					Gritty/Clays/ Brn doozy/clays Carbonate frags + muds.
(10m)													
697326	12600	5300	0	2	Brn/Wht	✓	✓						Alluvium + powdery sands
↓ (6m)			2	4	Or.		✓						Sands + Clays
697326			4	6	Red/Or		✓	(Ground Caving in)					Ferr. Clays/ + Sands/.
			~~6~~	~~8~~									
	12600	5250	0	2	Red/Wht	✓	✓						Ferr. Sands
			2	4	Or/Red		✓						? Ferr Saprolite.
			4	6	Buff/Pale gy		✓						Clays + Sands
			6	8	"		✓						" "
			8	10	Wht/Buff		✓			H2O			Clays

Margin notes: Dolomitic Siltstone / Talcose Mudstone / Carbonate Karst Fill

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S Date: 4/8/94

	Sample No.	North	East	From	To	Colour	Surf.	Clay	Slst	Sst	Carb	Mud	Lat.	COMMENTS
				[illegible]	2		✓	✓						
				10	12	Wht/Buff		✓		✓	✓			Muddy Clays.
	697 327	(4m)	{	12	14	"	"	✓		✓	✓			" "
	697327			14	16	"	"			✓	✓			Pale Grey,
														micaceous
(6m)														Dolomitic (grea
														Siltstone)
		12600	5200	0	2	Red/Brn	✓	✓						Ferr Alluvium
				2	4	" "								Ferr Sands
								✓						Silts + frags
				4	6	Buff		✓						Greasy Clays
				6	8	Buff		✓				✓		Sands
														clays &
														Greasy Mudstone
														frags.
				8	10	Brn						✓		Brown micro-
(4m)	697828	(4m)	{	10	12	Brn						✓		micaceos, greasy
	" "			12	14	Brn						✓		Mudstone/"
														lakstone.
		12600	5150	0	2	Wht/Brn	✓	✓						Alluvium +
														Silty sands.
				2	4	Brn/gy		✓						Clays.
				4	6	Caramel/Brn		✓						Clays.
				6	8	" "		✓						" "
				8	10	" "		✓	✓					Gritty Clays.
	697329	(4m)	{	10	12	Wht/Brn/Gy		✓	✓	with Qtz	✓			Gritty, sticky
	" "			12	14	" / " "			✓		✓			Clays
														Pale gy/wht
														Dolomitic/
(4m)														Calcareous
														Siltstone)
		12600	5100	0	2	Wht/Or	✓	✓						Ferr. Alluvium.
	85	77450N	730870E	2	4	Or/Buff		✓						Sands + silts
														+ Qtz frags.
				4	6	pale gy		✓						Siliceous Clays
				6	8	" "		✓						Clays.
				8	10	" & Brn		✓						With Saprolite
				10	12	pale gy			✓		✓			Dolomitic?
				12	14	" "			✓		✓			gritty siltst
	697330	(4m)	{	14	16	"			✓		✓			Gritty micace
	" "			16	18	"			✓		✓			Dolomitic &
(6m)														Silicified
														Siltstone.

WOODCUTTERS RAB LOGGING SHEET

331

Location: EL 7553 Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mud	Tint	COMMENTS
0.5E	12700	5100	0	2	Or-Brn	✓	✓						Terr. Alluvium
85	7550N	736870E	2	4	Or/Red	✓	✓						Terr. Clays.
			4	6	Red		✓						Terr. Clays.
			6	8	Red/Buff		✓				?	✓	Decomposed ? Mafic Tst.
			8	10	Red/Gy/Yel		✓						Saprolite Clay
697331			10	12	Grey/Brn		✓		✓				Mottled Clays
↓	(4m)												Pale Gy micaceous
697331			12	14	Grey/purple		✓		✓				Phyllite/micaceous Siltstone
													Pale gy micaceous meta Siltstone / phyllite
	12700	5150	0	2	Brn/Or		✓		✓				Brn Sandy Alluvium + lithq frags.
			2	4	Or/Red/Yell		✓						Mottled Clays
			4	6	Or/Wht		✓						Mottled gritty clays.
			6	8	" "		✓				✓		" "
			8	10	Pale Gy						✓		Pale Grey Greasy Mudstone
697332			10	12	"						✓		" "
↓	(8m)		12	14	"						✓		Pale grey
697332			14	16	"						✓		Mudstone
			16	18	"						✓		
	[redacted]		2	4	Or/Wht		✓						Alluvium & wthd sandy qtzite frags
	12100	5200	2	4	Pale gy/Or		✓				✓		/Clays
			4	6	Pale gy/Brn		✓				✓		Micaceous
697333			6	8	" "						✓		Mudstone.
" "	(4m)		8	10	" "						✓		" "
	12700	5250	0	2	Brn/Wht		✓		✓				Alluvium & Sands.
			2	4	Or/Buff		✓						Mottled
			4	6	" "		✓						silty clays.
			6	8	" "		✓						" "
697334			8	10	Grey/Brn		✓				✓		pale gy/brown
↓	(4m)												micaceous
697334			10	12	"						✓		Mudstone
													" "

WOODCUTTERS RAB LOGGING SHEET

335 Location: EL 7553 Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mud Lst		COMMENTS
	12700	5300	0	2	Brn/wht	✓	✓						Alluvium & Silty sands.
			2	4	Or/Grey		✓						Mottled Clays.
			4	6	" / "		✓						" "
			6	8	Brn/Wht/Gy		✓						Gritty Clays
			8	10	Brn		✓	✓	✓				W.thd, massive
697335	(4m)		10	12	Brn			✓	✓				f.g. siltarenite
14m " "			12	14	Yell/Brn			✓	✓				" "
	12700	5350	0	2	Red	✓	✓						Ferr. Clays
			2	4	Or/Wht		✓						Carbonate encrusted Mottled Clays.
			4	6	Brn/Wht		✓						Brn/Clay & silicified calcareous sapr
			6	8	Brn/Red		✓						lite. Gritty Clays.
			8	10	Brn/Wht		✓						Calcareous Clay
697336			10	12	Grey/Green/Brn					✓			Micaceous Mudstone
697336	(6m)		12	14	" "					✓			" "
14m " "			14	16	" "	"				✓			" "
	12700	5400	0	2	Brn/Wht		✓						Alluvium & Silty Sands.
697337			2	4	Or/Red		✓						Ferr. Mottled clays
	(8m)		4	6	Brn/Wht		✓						Gritty Clays (calcareous
			6	8	" "		✓						" "
10m 697337			8	10	" "		✓						" "
	12700	5450	0	2	Rd/Wht		✓						Ferr. Alluvium & wht Sands.
			2	4	Or/Grey		✓						Ferr. Clays.
697338	(4m)		4	6	Or/Grey		✓						Clays. /
8 " "			6	8	Calcareous/Wht								Calcareous
			8	10									Sticky Clays (Karst-fill?)

(lost circ) (lost circ in cavernous ground)

limestone/dolostone

WOODCUTTERS RAB LOGGING SHEET

339 Location: EL 7553. Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mud	Tot	COMMENTS
	12700	5500	0	2	Wht/Red	✓	✓						Fer Alluvium
												+ wht sandy soil.	
			2	4	Or.		✓						Ferr. Clays.
			4	6	Wht/Buff		✓						Calcareous Clays.
			6	8	" / "		✓						" / " Clays
697339	(6m)		8	10	Buff/Gy		✓						" / "
" "			10	12	Buff/Gy		✓				✓		" / "
697339			12	14	Grey/Buff/Brn		✓				✓		Micro micaceous Mudstone
4m													
	12700	5550	0	2	Wht/Rd	✓	✓						Wthd Qtzite Sands + ferr. Alluvium.
			2	4	Or/Wht		✓						Orange silty sand Qtz Vn frags + Wht wthd Carbonate clay
			4	6	Brn/Wht		✓						Sandy calcareous Clays
			6	8	" / "		✓						Gritty calcareous clays
			8	10	Brn		✓						Gritty, sandy clays
			10	12	"		✓						" "
			12	14			✓				✓		Gritty Mafic? Clays?
697340	(4m)		14	16	Brn/Green		✓				✓		Decomposed f-m.g. Blue-green DOLERITE
"			16	18	Brn/Green						✓		
	12700	5600	0	2	Wht/Or.	✓	✓						Wthd Qtzite Sands + Spots
85	7750N	737370E											
			2	4	Or.		✓						Gritty, wthd Qtzite sand & Qtz frag
			4	6	Or.		✓						Calcareous Clay
			6	8	Grey/Wht		✓						" "
			8	10	" / "		✓						" "
			10	12	" / "		✓						" "
			12	14	Brn/Grn/Or		✓						Gritty Clays.
697341	(4m)		14	16	Grey		✓	✓		✓		f.g.	Grey, laminated Siltstone / Dolostone
↓													
697341			16	18	Grey			✓		✓			" " "

WOODCUTTERS RAB LOGGING SHEET

842 Location: EL 7553 Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE: Surf.	Clay	Slst	Sst	Carb	Mud	Tot	COMMENTS
	12800	5600	0	2	Wht/Pk	✓	✓						Sandy Soils + Alluvium.
	8577650N	737370E											
			2	4	Wht/Or		✓						Gritty soils + clays.
			4	6	Wht/Buff	✓							Gritty/ calcareous clays.
69734			6	8	Brn/Buff	✓							
↓			8	10	Brn	✓						✓	Gritty Mafic clays
69734	(6m)		10	12	Brn/Green	✓						✓	" "
13m			12	13	4 "							✓	Decomposed m-cg Blue/ green DOLERITE
	12800	5550	0	2	Wht/Or	✓	✓						Sandy silts + Alluvium.
			2	4	Wht/Brn	✓							Calcareous Clays.
			4	6	Brn/Buff	✓							Gritty Clays.
			6	8	" / "	✓							" "
			8	10	" / "	✓						✓	Mafic gritty clays
697343	(4m)		10	12	Brn/Green/Wht	✓						✓	" "
" "			12	14	Green/Brn	✓						✓	Decomposed, m-cg. Blue/ green DOLERITE
14m													
	12800	5500	0	2	Or/Wht	✓	✓						Alluvium + Wht Silty Sands / Ferr. Sandy clays + Lite Yg. Ironstone
			2	4	Rd/Brn/Wht	✓							Pale grey clays + calcareous siltstone
			4	6	Gy/Buff/Wht	✓	✓		✓				" " "
			6	8	" " "	✓							
			8	10	" " "	✓						✓	Micro-Micaceous Mudstone
			10	12	Grey/Brn							✓	
			12	14	" / "							✓	
697344	(4m)		14	16	" "							✓	
" "			16	18	Grey/Brn								" "
18m													
	12800	5450	0	2	Or/Wht	✓	✓						Alluvium + wht silty Sands Ferr Clays Mottled/Clays Clays.
			2	4	Or/Red	✓							
			4	6	Buff/Or	✓							
			6	8	Brn	✓							

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553. Logged by: T.J.S. Date: 4/8/94

Sample No.	North	East	From	To	Colour	Surf.	Clay	Slst	Sst	Carb	Mud	Int	COMMENTS
697345			8	10	Brn.		✓						Wthd silty saprolite.
↓	(6m)		10	12	Brn/Gn							✓	± m.g.
697345			12	14	" "							✓	Decomposed Micro-Dolerite
	12800	5400	0	2	Wht/Brn	✓	✓						Alluvium ⊕ sandy silts.
697346	(4m)		2	4	Rd/Brn		✓						Ferrl. Clays ± silts
" "			4	6	pale Brn/gy		✓		(lost air)				Soils ± Clays
697347	12800	5350	0	2	Brn/Wht	✓	✓						Alluvium ⊕ lithic frags ± Sandy Silts.
697347	(4m)		2	4	Buff/Brn.		✓	(lost air)					Mottled pale clays ± silts.
	12800	5300	0	2	Wht/Brn	✓	✓						Sandy lithics ⊕ silts sands ± Alluvium
			2	4	pale Brn		✓						Silts sands ± clays.
			4	6	pale gy/gn		✓						Clays
			6	8	Brn/Wht		✓						Brown soil with Carbonate fragments ±
			8	10	" "		✓	H_2O					Ferrl frags "
			10	12	Buff/Brn		✓						Lithic frags ± Muds/Clays
			12	14	Gn/Brn/gy		✓					? ✓	Decomposed ?Metal-arenite ?? Intrusive
697348	(4m)		14	16	" "							? ✓	Massive Dyke Blocky f.g.
" "			16	18	" "							? ✓	Basic Intrusive (?metadolerite/amphibolite ?/lamprophyre)
	12800	5250	0	2	Wht/Rd	✓	✓						Sands, silts ± Alluvium
			2	4	Or/Buff		✓						Mottled clays
			4	6	" "		✓						" "
			6	8	pale gy/Buff		✓						Saprolite
			8	10	pale gy								Gy wthd mud/siltstone

WOODCUTTERS RAB LOGGING SHEET

Location: EL 7553 Logged by: T.J.S. Date: 5/8/94

Sample No.	North	East	From	To	Colour	ROCK TYPE Surf.	Clay	Slst	Sst	Carb	Mud	Int	COMMENTS
			10	12	pale Brn/purple		✓	✓					
			12	14	"	"		✓				v	f-g metasiltsto.
697349			14	16	"	"		✓					
" "	(4m)	}	16	18	"	"		✓					
	12800	5200	0	2	Rd/wht	✓	✓						ferr. silts & sandst frags.
			2	4	Rd/Yellow		✓						Mottled Clays.
			4	6	pale gy		✓			✓			⊕ Qtz "Soapy" mudstone
			6	8	Buff/gy		✓						Clays
			8	10	Grn/gy		✓						Clays
			10	12	pale buff/gn			✓		✓			Micro-micaceous Mudstone
697350	(4m)	}	12	14	pale gy/gn			✓					Metasiltstone
" "			14	16	" buff/H			✓					" "
	12800	5150	0	2	Or.	✓	✓						Silts & Sandst frags.
			2	4	Or/wht		✓						Indurated (SiO2 crystalline) Cherty/silcret layer.
			4	6	Wht/pale	✓	✓			✓			Silicified Dolomitic
			6	8	" "		✓			✓			
697351			8	10	brn/Buff	✓							siltstone & clays.
697351	(6m)	}	10	12	Gy/wht		✓			✓		Pale	Dolomitic
" "			12	13	" "		✓			✓			Siltstone.
[redacted]			0	2	Or/Buff	✓	✓						Silts & Sands & frags.
			2	4	Or/Gy		✓						Mottled pale clays
			4	6	" "		✓						" "
			6	8	" "		✓						" "
			8	10	Or/Gy		✓						" "Greasy" clays
			10	12	Brn/Or		✓						& silts.
697352	(6m)	}	12	14	Brn		✓						" "
" " "			14	16	"		✓						Gritty Clays.
697352			16	18	DK Grey.		✓						DK grey, Graphitic Meta Siltstone
(8m)													

• END EL 7553 RAB PROGRAMME •

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SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Marrakai	7553		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y
							RAB	RRB	0 7 0 8 9

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
570701	[redacted]					
702	~~11600~~ 11800	5450		0	6	ltgr/gy | SLST - qtz veinlets
	11800	5600		0	2	A | lat vg
704				2	6	Ho--o | SLST - clay
570705	11800	5400		0	3	A | lat Fe clay
706				3	6	H-O | clay - SLST
	11800	5350		0	3	A O | lat clay
708				3	6	Ho--o | clay - SLST
	11800	5300		0	3	RO | & Fe clay
570710				3	6	Ho | altered SLST - qtz veinlets
	11800	5250		0	4	gr gr | clay SLST 8/8/92
712	11800	~~5200~~		4	6	br | SLST - micaceous
	11800	5200		0	2	RO | lat
714				2	6	OB | Silic SLST - mica
570715	11800	5150		0	3	Ho | Clay - Fe
716				3	6	Ho | clay - SLST, SST
	[redacted]			0	2	RO
718				2	6	Ho
				0	3	RO
570720				3	6	O
				0	3	RO
722				3	6	ltgr cr
				0	2	H O
724				2	6	br cr
570725				0	2	R

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Marrakai	7553		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y
							RAB	RRB	0 8 0 8 9

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
747			2	6	lt gy br	silic sst.
	12000	5200	0	3	RO	clay Fe.
749			3	6	Br	spotted sst. mgh
570750	12000	6250	0	4	RO	clay

1st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

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SAMPLE INFORMATION

Sheet
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Record Type	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			Marrakai	7653		

10,000 metre AMG co-ord Northing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y
							RAB	RRB	0 8 0 8 9

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
570751	12000	5250	4	6	Br	spotted SLST
	12000	5300	0	4	RO	SLST -
753			4	6	Hgr br	SLST
	12000	5350	0	4	RO	clay
570755			4	6	Br	spotted SLST
	12000	5400	0	2	RO	clay
757			2	6	Br	spotted SLST
758	12000	5450	0	6	RO	clay - SST
759	12000	5500	0	6	RO	SST
570760	11900	5500	0	6	RO	SST
761	11900	5450	0	6	RO	SST
762	11900	5400	0	6	O-LtO	qtzite-vq
763	11900	5350	0	6	O	clay.
	11900	5300	0	4	LO-C	clay -
570765			4	6	LtB	SLST
766	11900	5250	0	6	O	SST
	11900	6200	0	2	RO	clay
768			2	6	LtBr	spotted SLST
769	11900	5150	0	6	gr br	clay SLST

[redacted]

st. Assay Ledger — 2nd. Project File — 3rd. Geologist.

APPENDIX IV

RC DRILL LOGS

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SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

[redacted]cord	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
[redacted]	[redacted]		SARGENTS NTH			

[redacted]ing	10,000 metre AMG co-ord Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
44250	19475.				[redacted]		R.C.	T.J.S	120894

[redacted]MPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
[redacted]						
152				20	22	Pink/Buff/Brn clays
153				22	24	" " "
154				24	26	" " " "
78155				26	28	Brn/yell clays with minor Hematitic fobl
156				28	30	Red/yellow f-g Hematitic Siltsto -mitic tregs
157				30	32	Gritty Brn/yell Hematitic clays ?/Dolomitic
158				32	34	f-g limonitic siltstone. + Qtz Vn tbay
159				34	36	Limonitic/Hematitic Dolomitic Siltstone
78160				36	38	" " " "
161				38	40	Buff weathering Limonitic Dolomite Dolomitic Siltsto
162				40	42	Pale grey Dolomite with (<1%) Trace fyrit.
163				42	44	" " " "
164				44	46	Pale Grey Dolomite with 1% pyrite
78165				46	48	Pale Grey Dolomite 1-2% with ~2% Pyrite
166				48	50	Pale Grey Dolomite <1% with Trace Pyrite
167	12000N	5155E	DMNRC01	0	2	Red/Or. Ferruginous Soils
168				2	4	Buff/Or. Mottled zone clays
169				4	6	Wht/limonitic Decomposed Sapr
78170				6	8	f-g. Green/Brn siltstone
171				8	10	Dark Green v.f-g siltstone.
172				10	12	Dark Green v.f-g metasiltstone
173				12	14	Dk Grn/Dk Gy metasiltstone
174				14	16	Dk Grey v.f-g metasiltstone
78175				16	18	Dk Grn/Dk Gy v.f-g metasiltsto

[redacted]ssay Ledger — 2nd. Project File — 3rd. Geologist.

ec Mining Company Limited

SAMPLE INFORMATION

Sheet: 1 : 250,000 sheet — Name: — Number:

Project Number	Project Name	Prospect Name	Prospect Code
		DE MONCHAUX Nth	

Northing (10,000 metre AMG co-ord)	Easting	Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date (DD MM YY)
12000N	5155E						R.C.	T.J.S.	13 08 94

SAMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
78176			DMNRC01	18	20	DkGrey, vfg. metasiltstone
177				20	22	" " " " "
178				22	24	DkGrey/Grn vfg metasiltstone
179				24	26	" " " "
78180				26	28	DkGrey vfg metasiltstone with wht Qtz vn frags & trace <1% Pyr
181				28	30	DkGrey vfg metasiltstone
182				30	32	DkGrey/Blue Dolomitic siltstone / Dolostone
183				32	34	DkGry/Blue Dolostone with ~1-2% Py
184				34	36	Pale Grey Dolomite with 1-2% Pyrite
78185				36	38	Gy/DkGrey Dolomite with 1-2% Py ⊕ Qtz vning
186				38	40	Pale Gy Dolomite with approx 30% Pyrite.
187				40	42	Dk grey/Black Dolomitic Shale with 30-40% Pyrite
188				42	44	→ Dk grey/Black graphitic Shale with ~5% Pyrite + 20% Calcite V. frags (+ Arsenopyrite)
189	Black graphitic Shale/Dolostone with 1-2% Py. ←			44	46	
78190	" " " " ←			46	48	
191	Black graphitic Shale/Dolostone with 1% Pyrite. ←			48	50	
192	12000N	5170E	DMNRC02	0	2	Ferr. soils ⊕ wht Qtz Vn frags
193				2	4	Buff/Or Mott zone clays + Ferr. frags.
194				4	6	Or. clays, wthd siltstone + wht saprolite
78195				6	8	Vfg micaceous (? m'stone) ⊕ abundant Qtz vn frags
196				8	10	Decomposed ? Dolomitic siltstone saprolite
197				10	12	Wthd Dolomitic siltstone ⊕ Qtz vn frags.
198	abundant			12	14	Weathered? Dolomitic siltstone
199	⊛ leached sulphides ⊛ →			14	16	(sulphides) Wthd, greyish-green dolomitic f.g. metasiltstone.
78200	(1% Pyrite) (casts)		↓	16	18	Grey dolostone ~~with~~/siltstone with Trace (~1%) Pyrite

Assay Ledger — 2nd. Project File — 3rd. Geologist.

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SAMPLE INFORMATION

Sheet
1 : 250,000 sheet

d	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			DE MONCHAUX NTH.			

10,000 metre AMG co-ord ing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
2000N	5170E						R.C.	T.J.S.	1 3 0 8 9 4

MPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
78201	Brn/Green/yellow		DMNRC03	18	20	v.f.g. Brown/Dk Green, wthd metasiltstone.
202	f.g., wthd,			20	22	Dk green/Steel grey, wthd pyritic (5-10%) siltstone?
203	Sulphide-leached siltstone.			22	24	" " "
204	"(Pyritic) "			24	26	" " " " "
78205	"	"		26	28	Dk Brn/Grn/Steel Grey, wthd pyritic siltstone. (5-10% Pyrit
206	"			28	30	f.g. steel grey Dolomitic Siltston with (w/ 10-20%) Pyrite.
207	"	"		30	32	Pyritic, (30%) f.g Siltstone.
208	"	"		32	34	Pyrite rich, (35-40%), f.g. siltsto
209	"	"		34	36	Pyrite rich (35-40%) f.g. siltston
78210	"	"		36	38	" " " " " "
211	"	"		38	40	" " " " " "
212	Pyritic Dolomite			40	42	Massive, grey, f.g. Pyritic (10% Dolstone
213	"	"		42	44	Pale grey Pyritic DOLOMITE
214	"	"		44	46	Massive, grey f.g. Dolostone (15-20% Py
78215	"	"		46	48	" " ⊕ pale grey Dolomite (with ~3-5% Pyri
216	(~50% PYRITE)			48	50	Pale grey DOLOMITE ⊕ calcite ⊕ (with ~3-5% Py ~50% Pyrite ⊕ Tourmaline
217	12000N	5185E	DMNRC03	0	2	Ferr Red/Brn soils.
218				2	4	Or/Red. Mott. Zone clays + ferr. fragts.
219				4	6	Wthd decomposed Brn. Saprolite
78220				6	8	Wthd, Brn/Grn f.g. Siltstone
221				8	10	" " " " "
222				10	12	" " " ⊕ ~5% wht. Qtz Vn. fragts.
223				12	14	f.g. Grey/Grn metasiltstone with ~ 10% wht. Qtz Vn fragt.
224				14	16	Wthd, Green f.g. siltstone
78225				16	18	f.g. Grey/Grn. siltstone

* Abundant sulphides cast of leached

say Ledger — 2nd. Project File — 3rd. Geologist.

[redacted]ec Mining Company Limited

SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

[redacted]rd	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			DE MONCHAUX NTH.			

[redacted]ing 10,000 metre	AMG co-ord Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
12000	5185E						R.C.	T.J.S.	140894

[redacted]MPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
[redacted]78226			DMNRC03	18	20	f.g. grey/grn Siltstone with minor pink dolomitic band
[redacted]227				20	22	f.g. grey siltstone with Qtz vn. frag
[redacted]228				22	24	Gy/Bro/pink mthd f.g. siltstone with Qtz Vn. frag
[redacted]229				24	26	f.g. grey siltstone.
[redacted]78230				26	28	f.g. grey siltstone.
[redacted]231				28	30	f.g. grey siltstone with Trace Pyrite (<1%)
[redacted]232				30	32	" " " " "
[redacted]233				32	34	f.g. Grey siltstone & pale grey dolomite with 5-10% Pyrite
[redacted]234				34	36	f.g. Grey siltstone with Qtz/Calcite veining & 3-5% Pyrite
[redacted]78235				36	38	Pale grey Dolomite with 3% Pyrite
[redacted]236				38	40	Pale grey Dolomite & grey f.g. Siltstone with 1% Pyrite
[redacted]237				40	42	Dark Grey Dolomite with 1% Pyrite
[redacted]238				42	44	Pale grey & Dark Grey Dolomite with ~5% Pyrite
[redacted]239				44	46	Dark grey Dolomite with Trace (<1%) Py & Pyrrhotite
[redacted]78240				46	48	Dark grey Dolomite with ~1% Pyrite
[redacted]241				48	50	V. Dark grey/Black Dolomite with Trace (<1% Pyrite)
[redacted]242				50	52	" " " " "
[redacted]243				52	54	" " " " "
[redacted]244				54	56	Pale Grey Dolomite.
[redacted]78245				56	58	Pale Grey/Gy Dolomitic Siltstone.
[redacted]246				58	60	Dark Grey Dolomite with Trace (<1%) Pyrite
[redacted]247				60	62	Dark Grey Dolomite.
[redacted]30%248				62	64	Pale Grey Dolomite with ~30% Pyrite + calcite vn. frag
[redacted]30%249				64	66	Pale Grey Dolomite with ~20% Pyrite & DK Gry Dolomite with ~10% Pyrite
[redacted]78250	12000N	5205E	DMNRC04	0	2	Ferruginous soils.

[redacted]ssay Ledger — 2nd. Project File — 3rd. Geologist.

[redacted]tec Mining Company Limited

SAMPLE INFORMATION

Sheet
1 : 250,000 sheet

[redacted]cord	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			DE MONCHAUX NTH			

10,000 metre AMG co-ord [redacted]thing	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D M M Y Y
2000N	5205E						R.C.	T.J.S	140894

[redacted]AMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
[redacted]78251	12000N	5205E	DMNRC04	2	4	Buff/or. Mott zone clays fs/
[redacted] 252				4	6	Buff decomposed clayey saprol
[redacted] 253				6	8	Brn/Black wthd. Hematitic Siltsto
[redacted] 254				8	10	Wthd. grey/Brn f.g. siltstone
[redacted]78255				10	12	Limonitic, decomposed siltsto
256				12	14	Wthd. Brn/Grey f.g. ?dolomitic siltsto
[redacted] 257				14	16	f.g., grey? dolomitic siltst
258				16	18	" " " "
[redacted] 259				18	20	Limonitic Grn/Brn wthd. siltsto
[redacted]78260				20	22	" Grey, f.g. ?Dolomitic siltst
261				22	24	Steel Grey f.g. Dolomitic siltst Dolostone
[redacted] 262				24	26	Dark Grey f.g. Dolostone with
263				26	28	Grey Dolomite with ~1% Pyrite Trace (1/2) Pyrite
[redacted] 264				28	30	Grey Dolostone with minor Calcite fra
[redacted]78265				30	32	Dark Grey Dolomite/Dolostone
266				32	34	Dark Grey Dolomite/Dolostone with calcite Qtz Veins
[redacted] 267				34	36	50% Dark Grey Dolomite & 50% Quartz-Calcite Veinin
268				36	38	Dark Grey Dolomite/Dolosto
[redacted] 269				38	40	Dark Grey Dolomite with 5% Calcite/Qtz Veining + Trace
[redacted]78270				40	42	" " " " with Pyri ~2% Calcite/Qtz Veining
271				42	44	~1% Calcite/Qtz Vn. & Trace Pyrit
[redacted] 272				44	46	" " " " " Pyrite
273				46	48	" " " " " (Tr. Pyrite
[redacted] 274				48	50	Dark Grey/Pale Grey Dolomi with Trace Pyrite.
[redacted]78275				50	52	" with ~1-2% " "

[redacted]Assay Ledger — 2nd. Project File — 3rd. Geologist.

[redacted]ec Mining Company Limited

SAMPLE INFORMATION

Sheet

1 : 250,000 sheet

Record [redacted]	Project Number	Project Name	Prospect Name	Prospect Code	Name	Number
			DeMONCHAUX NTH			

[redacted]hing 10,000 metre AMG co-ord	Easting	Aerial Photograph Film No.	Run No.	Photo No.	Analysical Lab	Job No.	Sample Type	Sampled By	Sample Date D D	M M	Y Y
12000 N	5135 E						R.C.	T.J.S	15	08	94

[redacted]AMPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
678276			DMNRC04	52	54	Grey Dolomite with 5-10% Pyrite + 1% Calcite Veining
[redacted] 277				54	56	Pale Grey Dolomite with ~15-20% Pyrite.
278				56	58	Dark Grey Dolomite with 2-3% Qtz/Calc Vnlts
[redacted] 279				58	60	Dark Grey/Pale grey Dolomite with Fgcel Pyrite
678280				60	62	Dark grey Dolomite
281				62	64	" " " "
[redacted] 282				64	66.	Dark grey Dolomite.
283	12000N	5135E	DMNRC05	0	2	Ferruginous Soils + frags
[redacted] 284				2	4	Orange/Brn Mott. zone Clays.
678285				4	6	Decomposed wthd. Saprolite
286				6	8	Pale Lime green/Brn matic clays ⊕ decomposed dolerite
[redacted] 287				8	10	Green/Brn wthd Dolerite.
288				10	12	Decomposed matic clays wthd dolerite frags
[redacted] 289				12	14	Dark Green/Grey f-g Micro-Dolerite
678290				14	16	" " " " "
291				16	18	" " " " "
[redacted] 292				18	20	f-g Blue/Green Dolerite ⊕ pale grey Dolomite frags
293				20	22	Yellow/Green, decomposed Limonitic dolerite.
294				22	24	" " " " "
78295	f.g. Dolerite.			24	26	Limonitic decomposed Dolerite ⊕ v.f.g. siltstone?
296	Black Graphitic Shale			26	28	Dark Grey/Black Graphitic Shale.
[redacted] 297				28	30	" " " " "
298				30	32	Black, Graphitic Shale
[redacted] 299				32	34	" " " "
78300				34	36.	Black, Graphitic Shale.

[redacted]ssay Ledger — 2nd. Project File — 3rd. Geologist.

[redacted]ec Mining Company Limited

SAMPLE INFORMATION

Sheet 1 : 250,000 sheet

[redacted]ecord | Project Number | Project Name | Prospect Name: DE MONCHAUX NTH. | Prospect Code | Name | Number

10,000 metre AMG co-ord [redacted]ning: 2000N. | Easting: 5135E | Aerial Photograph Film No. | Run No. | Photo No. | Analysical Lab | Job No. | Sample Type: R.C. | Sampled By: T.J.S | Sample Date D D M M Y Y: 15 08 94

[redacted]MPLE No.	NORTHING	EASTING	HOLE I.D.	FROM	TO	COMMENTS
[redacted]78301			DMNRC05	36	38	Black Graphitic Shale ⊕ f.g. Green Dolerite (1m)
[redacted]302				38	40	Black Graphitic Shale
[redacted]303				40	42	Black Graphitic Shale / 1m Dolerite + then Black Gr. Shale
[redacted]304				42	44	" " " " "
[redacted]78305				44	46	" " " " "
[redacted]306				46	48	Black Graphitic Shale.
[redacted]307				48	50.	" " " " "
[redacted]309	(DE MONCHAUX STH.)					
[redacted]308				2	4	Or/Brn decomposed gritty, clayey saprolite ⊕ gn qtz frags
[redacted]78310				4	6	Decomposed, Silicified Carbonatic
[redacted]311				6	8	Decomposed Dolerite.
[redacted]312				8	10	" " " "
[redacted]313				10	12	Decomposed Dolerite/? carbonate
[redacted]314				12	14	" " ⊕ 25% White Qtz vn. frags
[redacted]78315				14	16	v.f.g. Buff claystone.
[redacted]316				16	18	v.f.g. Buff/pink/Grey Claystone
[redacted]317				18	20	Buff claystone ⊕ 50% wht. Qtz frags
[redacted]318				20	22	v.f.g. Buff/Pale Grey claystone
[redacted]319				22	24	Dark Grey/Black GRAPHITIC SHALE
[redacted]78320				24	26	" " " " "
[redacted]321				26	28	" " " " "
[redacted]322				28	30	" " " " "
[redacted]323				30	32	" " ⊕ thin calcite veining with 1-2% Pyrite
[redacted]324				32	34	" " ⊕ thin calcite veining with 1-2% Pyrite
[redacted]78325				34	36.	Black graphitic shale a trace of Pyrite (2

[redacted]ssay Ledger — 2nd. Project File — 3rd. Geologist.

APPENDIX V

RC DRILL ASSAYS

ASSAYCORP PTY LTD

A.C.N. 052 982 911
174 Ward Street, Pine Creek, N.T. 0847
P.O. Box 41, Pine Creek, N.T. 0847
Telephone (089) 76 1262
Facsimile (089) 76 1310

ASSAY CODE: AC 15801

Woodcutters Joint Venture

EL 7553.

Distribution

T.SLADE

Client Reference: 3687
Project : De Monchout Nth
Cost Code: RC Drilling

Date Received: 19/08/1994
Number of Samples: 50

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA/GC	Acc. ± 15%	0.01	ppm
Au(R)	FA/GC	Acc. ± 15%	0.01	ppm
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
Ni	AAS/MA-3	Prec. ± 10%	2	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Authorisation: Ray Wooldridge
Report Dated: 27/08/1994

ASSAYCORP PTY LTD

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Facsimile (089) 76 1310

ASSAY CODE: AC 15801

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	As (ppm)
678167	<0.01		95	33	15	33	650
678168	0.02		106	22	41	47	230
678169	<0.01		108	<2	77	36	25
678170	<0.01		126	<2	80	37	71
678171	0.22		142	7	95	35	550
678172	0.64		165	68	86	41	4280
678173	0.04		125	17	112	35	250
678174	<0.01		121	3	96	31	54
678175	<0.01		143	<2	103	31	78
678176	<0.01	<0.01	116	5	109	32	48
678177	<0.01		111	3	107	32	63
678178	<0.01		121	<2	107	33	65
678179	0.02	0.02	112	<2	109	37	70
678180	0.02		109	<2	102	31	96
678181	<0.01		110	<2	101	33	98
678182	<0.01		108	<2	97	32	45
678183	<0.01		109	<2	93	31	75
678184	<0.01		101	<2	85	34	370
678185	0.02		126	<2	80	34	210
678186	0.20		78	<2	38	32	3420
678187	0.18		40	<2	24	39	1840
678188	<0.01	<0.01	26	6	31	40	89
678189	<0.01		37	2	35	48	72
678190	<0.01		68	2	65	48	58
678191	<0.01		62	8	77	46	60

DMNRC 01

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Facsimile (089) 76 1310

ASSAY CODE: AC 15801

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	As (ppm)
678192	<0.01		56	11	10	29	400
678193	<0.01		156	4	18	45	980
678194	<0.01		106	<2	25	36	920
678195	0.10		103	4	21	44	3410
678196	0.03		129	<2	39	35	990
678197	0.02		96	<2	60	34	300
678198	<0.01		65	<2	14	28	240
678199	<0.01		107	<2	78	39	460
678200	<0.01		114	2	105	31	210
678201	<0.01		123	<2	105	33	260
678202	<0.01		123	2	111	31	210.
678203	<0.01		122	17	114	31	34
678204	<0.01	<0.01	122	<2	106	30	28
678205	<0.01		114	4	90	26	17
678206	<0.01		114	<2	100	29	18
678207	<0.01		124	2	107	32	23
678208	0.02		117	<2	149	30	34
678209	<0.01		109	<2	123	29	93
678210	<0.01		126	<2	124	28	50
678211	<0.01		83	<2	114	29	70
678212	0.01	0.01	161	<2	107	29	79
678213	<0.01		111	<2	68	31	350
678214	<0.01		74	<2	76	29	95
678215	0.03		90	<2	58	27	280
678216	0.17		39	8	28	32	810

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3

ASSAY CODE: AC 15815

Woodcutters Joint Venture

EL 7553

Distribution

I.BUTLER

Client Reference: 3688

Project : De Monchaux Nth

Cost Code: RC drilling

Date Received: 21/08/1994

Number of Samples: 47

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA/GC	Acc. ± 15%	0.01	ppm
Au(R)	FA/GC	Acc. ± 15%	0.01	ppm
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
Ni	AAS/MA-3	Prec. ± 10%	2	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Authorisation: Ray Wooldridge

Report Dated: 27/08/1994

ASSAYCORP PTY LTD

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Facsimile (089) 76 1310

ASSAY CODE: AC 15815

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	As (ppm)
678217	0.01		74	20	20	37	560
678218	<0.01		145	10	47	37	460
678219	0.01	<0.01	97	<2	111	41	120
678220	<0.01		100	<2	112	42	71
678221	<0.01		123	<2	99	40	600
678222	<0.01	<0.01	118	<2	97	39	67
678223	<0.01		118	<2	107	40	36
678224	<0.01		112	<2	94	40	30
678225	<0.01		125	<2	62	34	36
678226	<0.01		65	<2	48	28	33
678227	<0.01		101	<2	39	35	27
678228	<0.01	<0.01	61	<2	20	26	36
678229	<0.01		105	4	22	43	930
678230	<0.01		90	<2	71	37	100
678231	<0.01		85	<2	89	38	59
678232	<0.01		83	<2	93	37	103
678233	<0.01		131	<2	88	39	710
678234	<0.01	<0.01	107	<2	72	33	96
678235	0.01		30	<2	18	33	940
678236	<0.01		103	<2	34	32	130
678237	<0.01		107	<2	96	35	100
678238	0.03	0.02	90	<2	90	39	620
678239	<0.01	<0.01	86	<2	95	38	110
678240	<0.01		113	<2	127	38	49
678241	<0.01		101	<2	124	35	37

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ASSAY CODE: AC 15815

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	As (ppm)
678242	<0.01		99	<2	118	37	28
678243	<0.01		106	<2	104	38	17
678244	0.01		97	<2	45	35	58
678245	<0.01		58	<2	63	32	44
678246	<0.01		107	<2	85	34	67
678247	<0.01		101	<2	80	32	47
678248	0.04	0.06	48	<2	60	39	830
678249	0.25	0.31	40	2	22	48	4420
678250	<0.01		58	14	23	30	180
678251	<0.01		88	12	23	37	71
678252	<0.01		54	<2	59	45	31
678253	<0.01		17	<2	31	35	24
678254	<0.01	<0.01	49	<2	59	39	48
678255	0.02		88	<2	62	37	180
678256	<0.01		152	<2	60	39	140
678257	0.02	0.03	108	<2	75	34	40
678258	0.01		99	<2	76	33	45
678259	0.02		143	<2	42	39	190
678260	<0.01		158	<2	69	40	250
678261	<0.01		56	<2	70	34	60
678262	0.01		61	<2	77	34	68
678263	0.01		242	<2	27	51	490

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ASSAY CODE: AC 15837

Distribution

I. BUTLER

Woodcutters Joint Venture

EL 7553

Client Reference: 3689

Project : De Monchaux Nth

Cost Code: RC Drilling.

Date Received: 21/08/1994

Number of Samples: 44

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA/GC	Acc. ± 15%	0.01	ppm
Au(R)	FA/GC	Acc. ± 15%	0.01	ppm
Cu	AAS/MA-3	Prec. ± 10%	1	ppm
Pb	AAS/MA-3	Prec. ± 10%	2	ppm
Zn	AAS/MA-3	Prec. ± 10%	1	ppm
Ni	AAS/MA-3	Prec. ± 10%	2	ppm
As	AAS/MA-3	Prec. ± 10%	1	ppm

Authorisation: Ray Wooldridge

Report Dated: 27/08/1994

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ASSAY CODE: AC 15837

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	As (ppm)
678264	0.06		66	<2	50	29	160
678265	0.06	0.05	112	<2	67	28	60
678266	<0.01		92	<2	92	34	57
678267	0.02		79	<2	83	26	47
678268	<0.01	<0.01	206	<2	90	29	34
678269	<0.01		76	<2	69	21	34
678270	0.02		84	<2	94	27	25
678271	<0.01		90	<2	85	29	47
678272	0.04	0.03	68	3	93	28	39
678273	<0.01		55	<2	55	29	49
678274	0.04		39	<2	173	37	43
678275	<0.01	<0.01	166	6	90	39	230
678276	0.07		150	<2	57	40	820
678277	0.08	0.07	50	<2	19	30	860
678278	0.06	0.06	77	<2	50	31	650
678279	0.08		107	<2	29	28	610
678280	0.08		115	<2	66	28	89
678281	0.01		98	<2	87	30	210
678282	<0.01		87	18	74	26	98
678283	0.03		92	37	20	28	550
678284	0.01		89	7	76	31	48
678285	<0.01	<0.01	116	6	124	36	73
678286	0.04		119	4	127	34	340
678287	0.03		116	7	126	34	330
678288	0.12		96	10	84	35	910

DMNRC 05

ASSAYCORP PTY LTD

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Facsimile (089) 76 1310

ASSAY CODE: AC 15837

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	As (ppm)
678289	<0.01		116	2	127	32	230
678290	<0.01		123	23	138	32	240
678291	0.06		107	2	99	30	470
678292	0.06	0.07	44	<2	47	26	820
678293	0.12	0.11	110	39	91	35	2010
678294	0.08		70	5	91	35	1540
678295	0.03		64	3	41	30	480
678296	0.03		21	4	52	41	53
678297	<0.01		20	3	60	44	26
678298	<0.01		33	7	57	42	76
678299	0.04		54	10	67	38	260
678300	<0.01		75	26	171	47	66
678301	0.02		52	8	71	45	230
678302	0.01		16	3	22	32	91
678303	0.01		40	2	50	32	210
678304	0.02		42	3	37	48	98
678305	0.04		51	6	45	58	85
678306	<0.01		43	5	33	35	56
678307	<0.01		40	<2	60	47	32

DMNRC05