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ANNUAL REPORT FOR YEAR ONE EXPLORATION LICENCE 9382 GOULD AREA NORTHERN TERRITORY 27.02.96 TO 26.02.97

Project Name: **GOULD**

Map Sheets: **PINE CREEK SD 52-14 1:250,000**
BATCHELOR 5171 1:100,000
BATCHELOR 5171-IV 1: 50,000

Commodities: **GOLD, BASE METALS**

Author: **K.A. WILLIAMS**

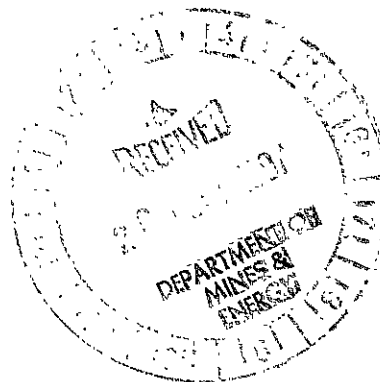
Date: **18 March, 1997**

Volumes: **VOLUME 1 OF 1**

Accepted by:

Distribution:

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



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Report No. 21163

CR 97 / 240

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Report No: 21163

Title: ANNUAL REPORT FOR YEAR ONE
EXPLORATION LICENCE 9382
GOULD AREA, NORTHERN TERRITORY
27.02.96 TO 26.02.97

Author: Kent Williams

Date: 18 March, 1997



SUMMARY

The Gould Project is situated east of the Waterhouse Complex where the geology is comprised of carbonaceous mudstones of the Whites Formation, Zamu dolerite and Coomalie Dolomite.

A considerable amount of exploration has previously been carried out in the Waterhouse area targeted at uranium and base metals. A number of uranium prospects were located.

The focus of exploration for the current year was a RAB drilling programme targeted at the Whites Formation/Coomalie Dolomite contact. Gold values were disappointing and base metal values were subdued except for one area which is worthy of follow up.

1. INTRODUCTION

Exploration Licence 9382 is located approximately 5km south of the township of Batchelor. Gould Airstrip, built during the Second World War is located to the north-west of the licence (see Figure 1). Dolomites to the west of the licence do not outcrop and a RAB drilling programme was regarded as the most efficient method of testing the area for its gold and base metal potential.

The aim of this report is to outline the work conducted during the 1996 field season, present results and propose a work programme with estimated budget for the second year of tenure.

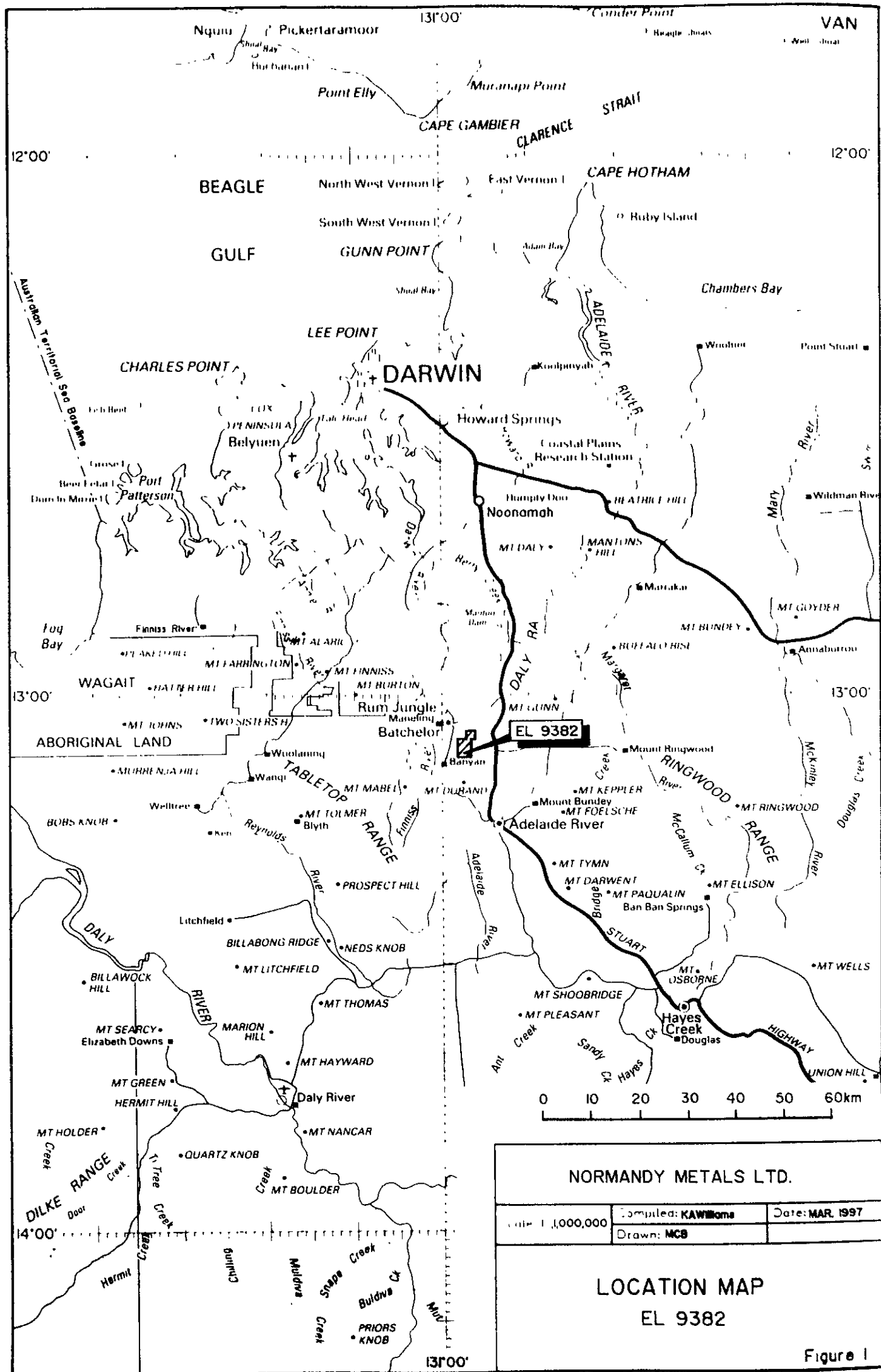
2. TENURE

Exploration Licence 9382 was granted to Nicron Resources Ltd on 27 February 1996 for a period of 6 years.

The licence is comprised of 5 graticular blocks and is situated on the Batchelor 1:50,000 map sheet, 5km south of the township of Batchelor.

3. CONCLUSIONS

1. RAB drilling has indicated that the area has little gold potential.
2. Base metal values were subdued, although some anomalous values are worthy of follow-up.



4. PREVIOUS EXPLORATION

An airborne radiometric survey conducted by the BMR in 1952 located a radiometric anomaly situated south of EL 9382, known as the Waterhouse No.2 prospect (Wood & McCarthy, 1952). A preliminary geological, radiometric, geochemical and magnetic survey identified copper and radiometric anomalies at Waterhouse No.2 (Wyatt and Alle, 1953). Further work on Waterhouse No.2 included the sinking of a shaft, diamond drilling and costeaning by Northern Uranium Development NL. Uranium mineralisation was recorded over less than a metre width in the shaft (Shatwell and Duckworth, 1966). Subsequently further geophysical surveys and two diamond drill holes were completed by the BMR. Anomalous radioactivity was reported in black slates in one of the holes and phosphate in the second (Ruxton, 1961).

In 1965, the BMR carried out a reconnaissance geological, geochemical and geophysical survey over the entire area now covered by EL 9382 (Shatwell and Duckworth, 1966). Auger holes were spaced 122m (400 feet) apart along east-west traverses spaced at 732m (2400 feet) intervals, with auger holes spaced 61m (200 feet) apart. Samples were assayed for Cu, Ni and Co and holes probed for radioactivity. This work was completed over the Waterhouse No.2 Prospect in 1966 (Semple, 1967).

Further EM, ground radiometric, magnetic and I.P. surveys were carried out by the BMR in the region in 1966 (Farrow, 1966).

CRA Exploration held exploration licence 610 in the early 1970s. This licence covered a large area which included the current EL 9382. Work carried out included regional geological mapping, regional stream sediment sampling (Marmant, 1973 a & b) and auger and rotary drilling on the Waterhouse No.4 radiometric anomaly. Uranium mineralisation was the main objective, and results appear to have been inconclusive, however anomalous base metals were encountered. The most noteworthy result was 7,500 ppm Pb from a rotary drill hole (French, 1974).

The northern part of the licence was included in EL's 1856 and 2356, held by Uranerz between 1978 and 1981. Uranerz conducted gridding, geological mapping, ground radiometrics and RAB and auger drilling. Some auger and RAB samples were assayed for U^{3O^8} , Th, Y, Sr, Rb, Pb and Bi, whilst others were assayed for Cu, Pb, Zn, Ni and Co. Significantly, results of up to 1020 ppm Pb, 1800 ppm Zn and 1370 ppm Cu were obtained. A weathered siltstone rock sample also returned 0.13% Pb (Taylor, 1980). A number of low order radiometric anomalies were located, however they were found to be caused by only lateritic enrichment of uranium.

In 1989, Purich and Byrne Pty Ltd held EL 5282, which covered a similar area to the current licence. Purich and Byrne conducted a lineament study and prospected gossanous and brecciated quartz reefs, seeking further Sundance type Au mineralisation. Rock samples with assays of up to 0.59% Pb and 1600 ppm Zn were obtained from the Waterhouse No.4 region (Byrne and Associates, 1990).

Aztec Mining Company conducted; literature research, geochemical data compilation, a detailed aeromagnetic and radiometric survey, processing of the airborne data, and geological/geophysical interpretation of the data. The main outcome of the interpretation was the recognition of two major discordant NE-SW trending faults which separate different structural/stratigraphic domains (Ormsby, 1992).

5. GEOLOGY AND MINERALISATION

The Gould Project is situated east of the Waterhouse Complex. The conformable contact between the early Proterozoic carbonaceous dolomitic mudstones of the Whites Formation and the Coomalie Dolomite has been the main focus of exploration in the district, as many base metal and uranium prospects occur in the vicinity of this stratigraphic horizon. A significant proportion of the Whites Formation is interpreted to comprise sills and/or dykes of amphibolitised Zamu Dolerite, with overlaying Wildman Siltstones to the east of the licence.

Most of the licence is interpreted to be Whites Formation and Zamu dolerite dykes. Coomalie dolomite is interpreted to occur in the western half of the licence area.

The main structural features are two major NE-SW trending faults which are situated in the central and eastern portions of the licence. Locally, these faults trend NE-SW, however, on a larger scale the western structure is interpreted to be arcuate in shape, trending more northerly.

6. WORK CARRIED OUT AND RESULTS

A total of 183 RAB holes for 1343m were drilled at Gould Project to test the gold and base metal potential. Holes were drilled at 100m centres on lines spaced 200m apart. Twelve lines were drilled over mapped Coomalie Dolomite, Whites Formation shales and Wildman Siltstones to the east. The bottom 3 metres of each hole was sampled, as well as any vein quartz intersected (see Appendix 1). Samples were analysed by Assaycorp, Pine Creek for the following elements: Au (FA50), Cu, Pb, Zn, Ni, Mn, (AAS/MA-3).

Gold assays were disappointing with many assays <1ppb, the highest being 9ppb. Base metal assays were also subdued except for sample 679881, which returned an assay of 5,580ppm Pb and 423ppm Zn (see Appendix II).

7. EXPENDITURE DURING YEAR ONE

Salaries/Labour	5,500
Contract Services	163
Drilling	20,000
Analytical Services	5,000
Operating Stores	218
Vehicle Costs/Fuel	221
Administration (15%)	<u>4,665</u>
Total	\$35,767

8. PROPOSED WORK PROGRAMME AND EXPENDITURE - YEAR TWO

The proposed work programme and estimated expenditure for Year Two is as follows:

Compilation of data into regional data base and interpretation.	1,000
Geological Mapping	1,000
Follow-up geochemical sampling	<u>3,000</u>
Total	\$5,000

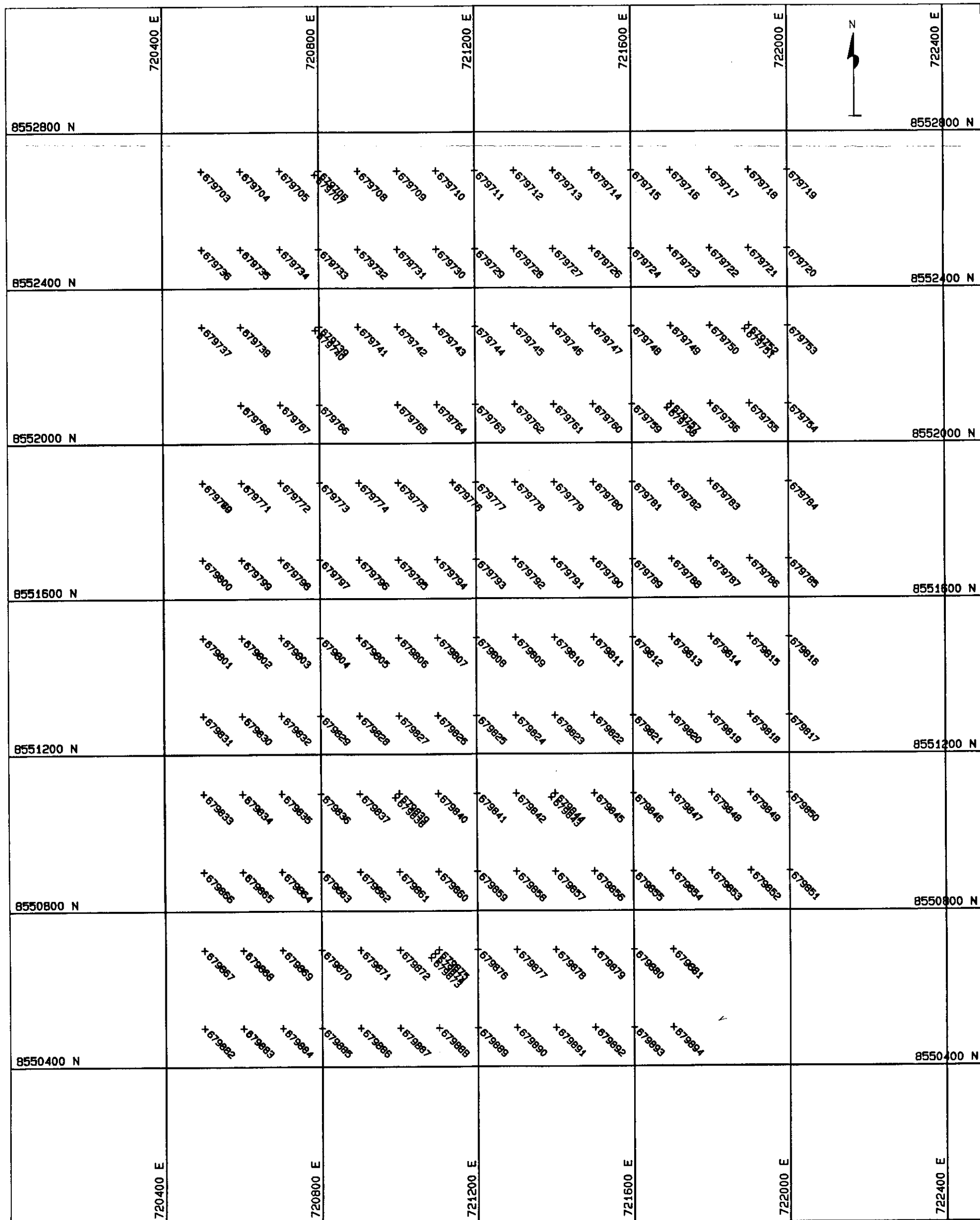
Woodcutters Mine

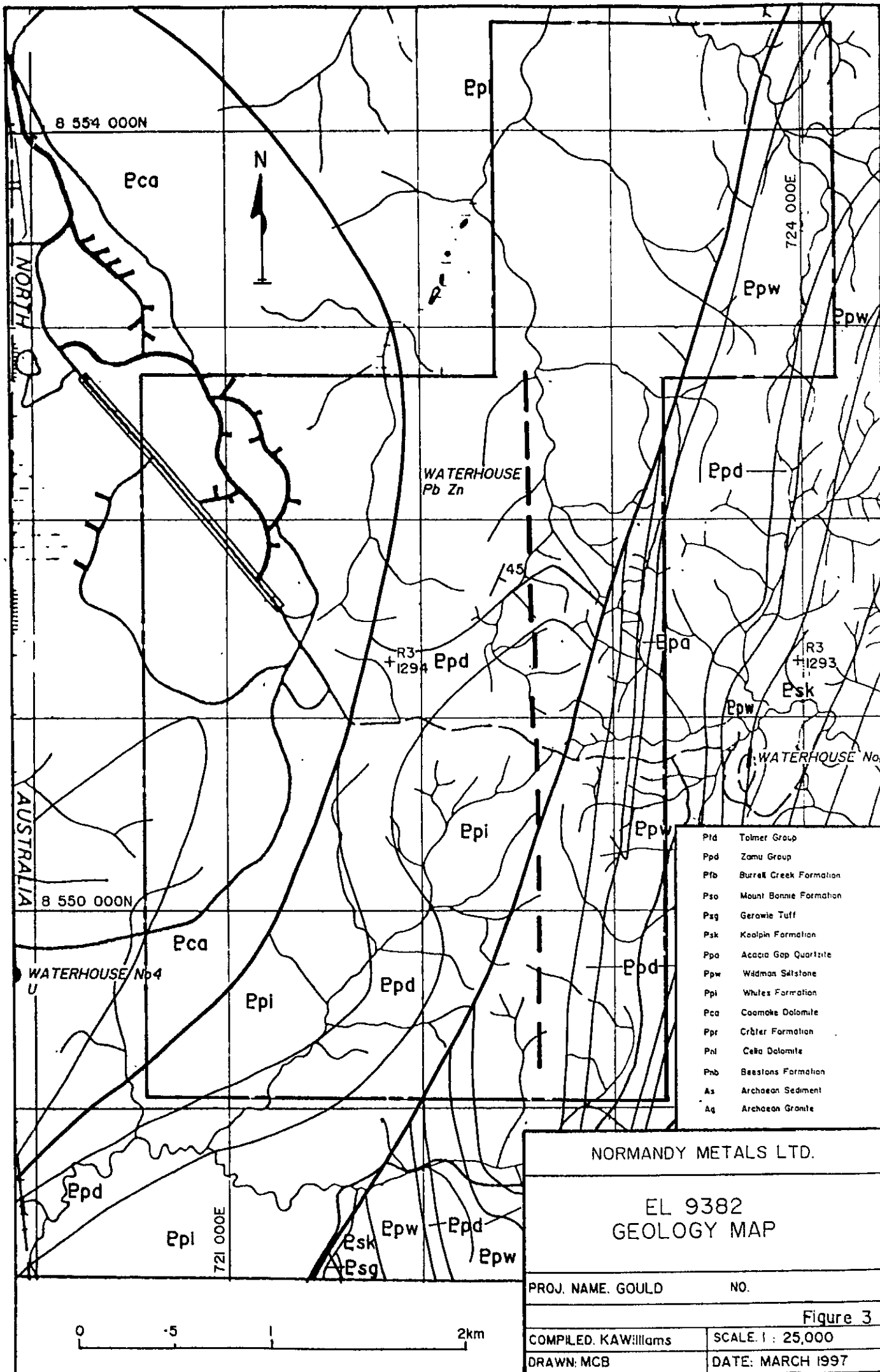
0 500m

	Init	Date
Geologist	KAM	
Drawn		
Checked		
Approved		

BATCHELOR PROJECT
RAB DRILLING LOCATION MAP
EL9382

File : 8.DWG
Scale : 1 : 10000
Date : 24 Mar 1997
Figure 2





9. REFERENCES

- Taube, A., 1967-68. BMR Rotary - Percussion Drilling, Rum Jungle District, NT. (*Woodcutters, Area 44 Extended, Waterhouse No.2 Prospect and Rum Jungle Creek South.*)
- Hayworth, D.S., 1985. Exploration Licence 2725 Meneling, Northern Territory, Pine Creek, 1:250,000 SD 52-8. *Final Report 1984-85 for the NT Department of Mines and Energy (CR85/163).*
- Simpson, P.G., 1994. Geology and Mining of the Sundance Gold Mine, Batchelor, Northern Territory. *1994 Annual Conference, The Australian Institute of Mining and Metallurgy.*
- Williams, K.A., 1996. Annual Report for Exploration Licences 7523 and 7706 (Year Four), 8929 (Year One), 7885 (Year Three) and AN349 (Year Four), Sargents Area, Batchelor, Northern Territory. *Unpublished Report for NT Department of Mines and Energy.*

APPENDIX 1

RAB DRILL HOLE LOGS



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

GOULD
AMG/LOCAL:
Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

1017196

AZIMUTH:

MAP/GRID

PAGE: 1 OF

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
1	70500	8552700	0-1		cl			grey			
			2		~			dk grey			
			3		~			~			
			4		~			~			
			5		clay			light			
			6		~			~			
			7		~			pink			
			8		~			~			
			9		~			~			
			10		~			~			
			11		~			~			
			12		~			~			
			13		shy clay			~			
			14		~			~			
			15		~			~			
			16		sand			~			
			17		~			~			
			18		~			buff			
			19		~			pink			
			20		~			~			
			21		~			~			
			22	679703	~			~			
			23		~			~			
			24		~			~			
											No Sample Return



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Group PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ PAGE: 2 OF 2
LOGGED BY: _____ DATE: 10/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
24	2 720700	8552700	0-1		Lat			grey			
	720600	8552700	2		"			rd. sh.			
			3		clay			"			
			4		"			"			
			5		"			buff			
			6		"			"			
			7		sh. hem. dl. sh.			"			
			8	679704	"			"			
			9		"			"			
33	3 720700	8552700	0-1		sh. Lat			lt. grey			
			2		Lat			rd. sh.			
			3		clay			"			
			4		"			"			
			5	679705	hem. dl. sh.			"			
			6		"			"			
35	4 720800	8552700	0-1		Lat			lt. grey			
			2		Lat			buff			
			3		clay			"			
			4		"			"			
			5		"			"			
			6		"			"			
			7		sh. + g. sh.			"			
			8	679706	"			"			
			9		"			"			
			10		hem. sh.			"			
			11	679707	hem. sh.			"			
			12		"			"			



PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ **MAP/GRID:** _____

PAGE: 3 OF 3

AMG/LOCAL:

DRILLING:

1017196

Kent Williams.

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
5	720900	8552700	0-1		lat			lt			
			2		lat			rd			
			3		sidey clay			orange			
			4		sidey clay			rd			
			5	679708	-			u			
			6		hem sh / und est?			u			
6	720900	8552700	0-1		lat			rd			
	721020		2		u			u			
			3		-			u			
			4		sidey clay			u			
			5		sidey clay			u			
			6		sidey clay			u			
			7					u			
			8					u			
			9					-			
			10					-			
			11					chert			
			12					crystalline			
			13					dk ls			
			14					ls			
			15					u			
			16					u			
			17					u			
			18					u			
			19					u			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Gravel
CO-ORDS: AMG/LOCAL:
DRILLERS: KEAT WILLIAMS
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH:
PAGE: 4 OF 4

MAP/GRID:
DATE: 10/7/26

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
87			20			heavy siltst / mudst.		rd			
			21			s		u			
			22			s		u			
			23	679709		s		u			
			24			heavy mudst?		u			
	7	721100	0-1			ls		lt bl			
			2			ls		lt bl			
			3			clay		u			
			4			clay		u			
			5			clay		u			
90			6			u		lt bl			
			7			u		u			
			8	679710		siltst		u			
			9			siltst		u			
	8	721200	0-1			ls		lt bl			
			2			s		lt bl			
			3			siltst		lt bl			
			4			siltst		lt bl			
			5			fine sd		u			
			6			u		u			
			7			s		u			
			8			s		u			
			9			s		u			
			10			u		u			
			11			u		u			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GOULD PROSPECT: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: _____ DRILLRIG: _____ DATE: 10/7/96 PAGE: 5 OF 5
LOGGED BY: KEAT WILLIAMS

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF.	MINERALS	COLOUR	WEATH.	FORMATION	DESCRIPTION
105			12	679711	fine sd			unsorted			
			13		-			-			
			14		-			-			
			15		hard sh (siliceous)						
			0-1		cal			lt br			
109	721300	8552700	2		cal			lt br			
			3		fine clayey sd			unsorted			
			4		fine clayey sd			brd			
			5		-			-			
			6		-			buff			
112			6	679712	-			-			
			7		-			-			
			8		-			-			
			0-1		cal + heavy sh			lt br.			
			7		cal			lt			
119			7	679713	clay			-			
			4		sh + clay			buff			
			5		-			lt			
			6		silty sh?			lt			
			0-1		cal			lt			
11	721500	8552700	2		cal			lt			
			3		cal			lt			
			4		clt heavy sh			-			
			5		-			-			
			6		-			-			
125			6	679714	-			-			
			7		-			-			
			8		-			-			
			9		-			-			
			10		-			-			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground PROSPECT: _____ MAP/GRID: _____
AMG/LOCAL: 8552700 INCLINATION: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ DATE: 10/7/196 PAGE: 6 OF _____
LOGGED BY: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
125	12	721600	8552700	0-1	shy lat			lt			
				2	shy lat			lt			
				3	shy lat			lt			
				4	shy lat			lt			
129	13	721700	8552700	0-1	shy lat			lt			
				2	shy lat			lt			
				3	shy lat			lt			
				4	shy lat			lt			
				5	shy lat			lt			
				6	shy lat			lt			
				7	shy lat			lt			
				8	shy lat			lt			
				9	shy lat			lt			
				10	shy lat			lt			
				11	shy lat			lt			
				12	shy lat			lt			
				13	shy lat			lt			
				14	shy lat			lt			
				15	shy lat			lt			
				16	shy lat			lt			
				17	shy lat			lt			
				18	shy lat			lt			
147											Water Table



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Genio
CO-ORDS: AMG/LOCAL:
DRILLERS: Kent Williams
LOGGED BY: Kent Williams

PROSPECT: _____
INCLINATION: _____
DRILLRIG: _____
DATE: 10/7/1976

AZIMUTH: _____
PAGE: 7 OF _____
MAP/GRID: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
149	721800	8552700	0-1		shy clay	shy clay		lt grey			
			1		shy clay	shy clay		ph. sh.			
			3		shy clay	shy clay		shy clay			
			4		shy clay	shy clay		shy clay			
			5	679717	shy clay	shy clay		shy clay			
			6		shy clay	shy clay		shy clay			
153	721900	8552700	0-1		shy clay	shy clay		shy clay			
			2		shy clay	shy clay		shy clay			
			3		shy clay	shy clay		shy clay			
			4		shy clay	shy clay		shy clay			
			5	679718	shy clay	shy clay		shy clay			
			6		shy clay	shy clay		shy clay			
159	722000	8552700	0-1		shy clay	shy clay		shy clay			
			2		shy clay	shy clay		shy clay			
			3		shy clay	shy clay		shy clay			
			4		shy clay	shy clay		shy clay			
			5		shy clay	shy clay		shy clay			
			6		shy clay	shy clay		shy clay			
			7		shy clay	shy clay		shy clay			
			8	679719	shy clay	shy clay		shy clay			
			9		shy clay	shy clay		shy clay			
158	722000	8552500	0-1		shy clay	shy clay		shy clay			
			2		shy clay	shy clay		shy clay			
			3		shy clay	shy clay		shy clay			
			4		shy clay	shy clay		shy clay			
			5		shy clay	shy clay		shy clay			
			6		shy clay	shy clay		shy clay			
			7		shy clay	shy clay		shy clay			
			8		shy clay	shy clay		shy clay			
			9		shy clay	shy clay		shy clay			
			10		shy clay	shy clay		shy clay			
			11		shy clay	shy clay		shy clay			
			12		shy clay	shy clay		shy clay			
			13		shy clay	shy clay		shy clay			
			14		shy clay	shy clay		shy clay			
			15		shy clay	shy clay		shy clay			
			16		shy clay	shy clay		shy clay			
			17		shy clay	shy clay		shy clay			
			18		shy clay	shy clay		shy clay			
			19		shy clay	shy clay		shy clay			
			20		shy clay	shy clay		shy clay			
			21		shy clay	shy clay		shy clay			
			22		shy clay	shy clay		shy clay			
			23		shy clay	shy clay		shy clay			
			24		shy clay	shy clay		shy clay			
			25		shy clay	shy clay		shy clay			
			26		shy clay	shy clay		shy clay			
			27		shy clay	shy clay		shy clay			
			28		shy clay	shy clay		shy clay			
			29		shy clay	shy clay		shy clay			
			30		shy clay	shy clay		shy clay			
			31		shy clay	shy clay		shy clay			
			32		shy clay	shy clay		shy clay			
			33		shy clay	shy clay		shy clay			
			34		shy clay	shy clay		shy clay			
			35		shy clay	shy clay		shy clay			
			36		shy clay	shy clay		shy clay			
			37		shy clay	shy clay		shy clay			
			38		shy clay	shy clay		shy clay			
			39		shy clay	shy clay		shy clay			
			40		shy clay	shy clay		shy clay			
			41		shy clay	shy clay		shy clay			
			42		shy clay	shy clay		shy clay			
			43		shy clay	shy clay		shy clay			
			44		shy clay	shy clay		shy clay			
			45		shy clay	shy clay		shy clay			
			46		shy clay	shy clay		shy clay			
			47		shy clay	shy clay		shy clay			
			48		shy clay	shy clay		shy clay			
			49		shy clay	shy clay		shy clay			
			50		shy clay	shy clay		shy clay			
			51		shy clay	shy clay		shy clay			
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			54		shy clay	shy clay		shy clay			
			55		shy clay	shy clay		shy clay			
			56		shy clay	shy clay		shy clay			
			57		shy clay	shy clay		shy clay			
			58		shy clay	shy clay		shy clay			
			59		shy clay	shy clay		shy clay			
			60		shy clay	shy clay		shy clay			
			61		shy clay	shy clay		shy clay			
			62		shy clay	shy clay		shy clay			
			63		shy clay	shy clay		shy clay			
			64		shy clay	shy clay		shy clay			
			65		shy clay	shy clay		shy clay			
			66		shy clay	shy clay		shy clay			
			67		shy clay	shy clay		shy clay			
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			69		shy clay	shy clay		shy clay			
			70		shy clay	shy clay		shy clay			
			71		shy clay	shy clay		shy clay			
			72		shy clay	shy clay		shy clay			
			73		shy clay	shy clay		shy clay			
			74		shy clay	shy clay		shy clay			
			75		shy clay	shy clay		shy clay			
			76		shy clay	shy clay		shy clay			
			77		shy clay	shy clay		shy clay			
			78		shy clay	shy clay		shy clay			
			79		shy clay	shy clay		shy clay			
			80		shy clay	shy clay		shy clay			
			81		shy clay	shy clay		shy clay			
			82		shy clay	shy clay		shy clay			
			83		shy clay	shy clay		shy clay			
			84		shy clay	shy clay		shy clay			
			85		shy clay	shy clay		shy clay			
			86		shy clay	shy clay		shy clay			
			87		shy clay	shy clay		shy clay			
			88		shy clay	shy clay		shy clay			
			89		shy clay	shy clay		shy clay			
			90		shy clay	shy clay		shy clay			
			91		shy clay	shy clay		shy clay			
			92		shy clay	shy clay		shy clay			
			93		shy clay	shy clay		shy clay			
			94		shy clay	shy clay		shy clay			
			95		shy clay	shy clay		shy clay			
			96		shy clay	shy clay		shy clay			
			97		shy clay	shy clay		shy clay			
			98		shy clay	shy clay		shy clay			
			99		shy clay	shy clay		shy clay			
			100		shy clay	shy clay		shy clay			

" No Air Return "



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Genlo PROSPECT: _____ AZIMUTH: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____
DRILLERS: Kent Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 10/17/1996 PAGE: 18 OF 18

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
184	721900	8552500	0-1	1	shy clay			light			
			2		shy			light			
			3		clay & calc?			light			
			4	679721	clay			light			
			5		clay			light			
184	721800	8552500	0-1	1	shy clay			light			
			2		clay			light			
			3		calc			light			
			4		heavy calc			light			
			5	679722	shy			light			
			6		shy			light			
184	721700	8552500	0-1	1	clay			light			
			2		shy			light			
			3		shy clay			light			
			4		shy			light			
			5		shy			light			
			6		shy			light			
			7		shy			light			
			8	679723	shy			light			
			9		shy			light			
184	721600	8552500	0-1	1	shy clay			light			
			2		clay			light			
			3		shy			light			
			4	679724	shy			light			
			5		shy			light			
184					shy			light			Top Hard to Drill -



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

next sample
is 679726

Gould

PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

AMG/LOCAL:

Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

1117196

AZIMUTH: MAP/GRID

PAGE: 9 OF

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
22	721500	8552500	0-1	2	lat			lat			
			2	3	Lat			lat			
			3	4	Lat			lat			
23	721400	8552500	0-1	2	Lat			lat			
			2	3	clay			clay			
			3	4	clay			clay			
			4	5	clay			clay			
			5	6	clay			clay			
			6	7	clay			clay			
			7	8	clay			clay			
			8	9	clay			clay			
			9	10	clay			clay			
24	721300	8552500	0-1	1	lat			lat			
			1	2	lat			lat			
			2	3	clay			clay			
			3	4	clay			clay			
			4	5	clay			clay			
			5	6	clay			clay			
			6	7	clay			clay			
			7	8	clay			clay			
			8	9	clay			clay			
			9	10	clay			clay			
			10	11	clay			clay			
			11	12	clay			clay			
			12	13	clay			clay			
			13	14	clay			clay			
			14	15	clay			clay			
			15	16	clay			clay			
			16	17	clay			clay			
			17	18	clay			clay			
			18	19	clay			clay			
			19	20	clay			clay			
			20	21	clay			clay			
			21	22	clay			clay			
			22	23	clay			clay			
			23	24	clay			clay			
			24	25	clay			clay			
			25	26	clay			clay			
			26	27	clay			clay			
			27	28	clay			clay			
			28	29	clay			clay			
			29	30	clay			clay			
			30	31	clay			clay			
			31	32	clay			clay			
			32	33	clay			clay			
			33	34	clay			clay			
			34	35	clay			clay			
			35	36	clay			clay			
			36	37	clay			clay			
			37	38	clay			clay			
			38	39	clay			clay			
			39	40	clay			clay			
			40	41	clay			clay			
			41	42	clay			clay			
			42	43	clay			clay			
			43	44	clay			clay			
			44	45	clay			clay			
			45	46	clay			clay			
			46	47	clay			clay			
			47	48	clay			clay			
			48	49	clay			clay			
			49	50	clay			clay			
			50	51	clay			clay			
			51	52	clay			clay			
			52	53	clay			clay			
			53	54	clay			clay			
			54	55	clay			clay			
			55	56	clay			clay			
			56	57	clay			clay			
			57	58	clay			clay			
			58	59	clay			clay			
			59	60	clay			clay			
			60	61	clay			clay			
			61	62	clay			clay			
			62	63	clay			clay			
			63	64	clay			clay			
			64	65	clay			clay			
			65	66	clay			clay			
			66	67	clay			clay			
			67	68	clay			clay			
			68	69	clay			clay			
			69	70	clay			clay			
			70	71	clay			clay			
			71	72	clay			clay			
			72	73	clay			clay			
			73	74	clay			clay			
			74	75	clay			clay			
			75	76	clay			clay			
			76	77	clay			clay			
			77	78	clay			clay			
			78	79	clay			clay			
			79	80	clay			clay			
			80	81	clay			clay			
			81	82	clay			clay			
			82	83	clay			clay			
			83	84	clay			clay			
			84	85	clay			clay			
			85	86	clay			clay			
			86	87	clay			clay			
			87	88	clay			clay			
			88	89	clay			clay			
			89	90	clay			clay			
			90	91	clay			clay			
			91	92	clay			clay			
			92	93	clay			clay			
			93	94	clay			clay			
			94	95	clay			clay			
			95	96	clay			clay			
			96	97	clay			clay			
			97	98	clay			clay			
			98	99	clay			clay			
			99	100	clay			clay			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground PROSPECT: _____ AZIMUTH: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____
DRILLERS: Kent Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 11/7/96 PAGE: 10 OF 10

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
25	721200	8552500	0-1		sp			dk			
			2		shy clay			dk			
			3		shy clay + silty			dk			
			4		shy clay			gy			
			5		shy clay			dk			
			6		shy clay			dk			
			7		shy clay			dk			
			8	679729	shy clay			dk			
			9		shy clay			dk			
26	721100	8552500	0-1		shy clay			dk			
			2		shy clay			dk			
			3		shy clay			dk			
			4		shy clay			dk			
			5		shy clay			dk			
			6		shy clay			dk			
			7		shy clay			dk			
			8	679730	shy clay			dk			
			9		shy clay			dk			
27	721000	8552500	0-1		shy clay			dk			
			2		shy clay			dk			
			3		shy clay			dk			
			4		shy clay			dk			
			5		shy clay			dk			
			6		shy clay			dk			
			7		shy clay			dk			
			8	679731	shy clay			dk			
			9		shy clay			dk			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground
CO-ORDS: AMG/LOCAL:
DRILLERS: KEITH WILKINS
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____
PAGE: 11 OF _____
MAP/GRID: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
28	720900	8552500	0-1		shy ls			lt bl			
			2		ls + sh			sh			
			3		sh			-			
			4		shy ls			-			
			5		shy ls			gr			
			6		sh			lt bl			
			7		-			-			
			8		-			-			
			9		-			-			
			10		-			-			
			11	679732	-			-			
			12		shy ls			lt bl			
29	720800	8552500	0-1		shy ls			lt bl			
			2		shy ls			lt bl			
			3		shy ls			lt bl			
			4		-			-			
			5		-			-			
			6		shy ls			lt bl			
			7		shy ls			lt bl			
			8		-			-			
			9		-			-			
			10		-			-			
			11	679733	-			-			
			12		shy ls			lt bl			

49

61

73



6090
AMG/LOCAL:
KENT WILLIAMS.

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID _____
PAGE: 12 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF.	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION
30	720700	8552500	0-1		gt			lt			
			2		clay			lt			
			3		sl			lt			
			4		sl			lt			
			5		sl			lt			
			6		sl			lt			
			7		sl			lt			
			8		sl			lt			
			9		sl			lt			
			10		clay + carb			lt			
			11		sl			lt			
			12		sl			lt			
			13	679734	sl			lt			
			14		clay			lt			
31	720600	8552500	0-1		sl			lt			
			2		clay			lt			
			3		sl			lt			
			4		sl			lt			
			5		sl			lt			
			6		sl			lt			
			7		sl			lt			
			8	679735	sl			lt			
			9		min carb / d l			lt			



NORMANDY POSEIDON GROUP

RAB DRILLHOLE LOG

PROJECT: _____
 CO-ORDS: _____
 DRILLERS: _____
 LOGGED BY: _____

AMG/LOCAL: Ground

PROSPECT: _____
 INCLINATION: _____
 DRILLRIG: _____
 DATE: 11/7/96

AZIMUTH: _____ MAP/GRID: _____

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Kent Williams

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION
32	720500	8552500	0-1		loam + clay			light			
			2		clay			dark			
			3		u			u			
			4		u			u			
			5		u			u			
			6		u			u			
			7		u			u			
			8		u			u			
			9		u			u			
			10		u			u			
			11		u			u			
			12		u			u			
			13		u			u			
			14		clay + calc			u			
			15		u			u			
			16	679736	u			u			
			17		u			u			
33	720500	8552300	0-1		loam			light			
			2		clay			dark			
			3		u			u			
			4		u			u			
			5		u			u			
			6		u			u			
			7		u			u			
			8	679737	shale			grey			
			9		shale			u			



NORMANDY POSEIDON GROUP RAB DRILLHOLE LOG

PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

AMG/LOCAL: 6000-D
Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____
PAGE: 4 OF 4

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
122 34	720600	8552300	0-1		Lat			lt bl			
			2		clay			lt bl			
			3		~			~			
			4		~			sh			
			5	679738	sh			~			
			6		lt tan sh			~			
123 35	720800	8552300	0-1		disturbed ground			lt bl			
			2		clay			sh			
			3		~			~			
			4	679739	~			~			
			5		~			~			
			6		~			~			
			7		~			~			
			8	679740	~			grey			
			9		~			~			
137 36	720900	8552300	0-1		~			lt bl			
			2		clay + carb			lt bl			
			3		~			~			
			4		~			~			
			5	679741	sh			~			
			6		~			~			
143 37	720000	8552300	0-1		Lat			lt bl			
			2		clay			lt bl			
			3		~			~			
			4		~			~			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Group
CO-ORDS: AMG/LOCAL:
DRILLERS: Kent Williams
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID _____
PAGE: 15 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
152			4-5		clay			buff			
			6								
			7	679742							
			8		sh			gn khaki			
			9		switch sh			lt br.			
158	38	721100	0-1		clay			orange			
			2	679743				khaki			
			3		sh						
			4		cl sh						
			5		cl sh			lt br.			
158	39	721200	0-1	679744	cl sh			buff			Top Hard
			2		cl + sh			lt br.			
			3		cl + sh			lt br.			
			4		clay			sh			
			5		sh			sh			
167			6					sh			
			7	679745				buff			
			8		sh						
			9		sh						
			0-1		cl sh			lt br.			
172	41	721400	0-1		cl sh			lt br.			
			2		sh			sh			
			3		sh			sh			
			4		sh			sh			
			5		sh			sh			



NORMANDY POSEIDON GROUP RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ DATE: 11/7/96 PAGE: 16 OF _____
LOGGED BY: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF.	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION
172			5-6	679746		sdg clay (dlm)		light			
179	42 721500	8552300	0-1	679747		sdg clay		light			
			2			sdg clay		light			
			3			sdg clay		light			
			4			sdg clay		light			
			5			sdg clay		light			
			6			sdg clay		light			
183	43 721600	8552300	0-1			sdg clay		light			
			2			sdg clay		light			
			3			sdg clay		light			
			4			sdg clay		light			
			5			sdg clay		light			
			6			sdg clay		light			
194	44 721700	8552300	0-1			sdg clay		light			
			2			sdg clay		light			
			3			sdg clay		light			
			4			sdg clay		light			
			5			sdg clay		light			
			6			sdg clay		light			
			7			sdg clay		light			
			8			sdg clay		light			
			9			sdg clay		light			
			10			sdg clay		light			
			11			sdg clay		light			
			12			sdg clay		light			
			13			sdg clay		light			
			14			sdg clay		light			
			15			sdg clay		light			
			16			sdg clay		light			
			17			sdg clay		light			
			18			sdg clay		light			
			19			sdg clay		light			
			20			sdg clay		light			
			21			sdg clay		light			
			22			sdg clay		light			
			23			sdg clay		light			
			24			sdg clay		light			
			25			sdg clay		light			
			26			sdg clay		light			
			27			sdg clay		light			
			28			sdg clay		light			
			29			sdg clay		light			
			30			sdg clay		light			
			31			sdg clay		light			
			32			sdg clay		light			
			33			sdg clay		light			
			34			sdg clay		light			
			35			sdg clay		light			
			36			sdg clay		light			
			37			sdg clay		light			
			38			sdg clay		light			
			39			sdg clay		light			
			40			sdg clay		light			
			41			sdg clay		light			
			42			sdg clay		light			
			43			sdg clay		light			
			44			sdg clay		light			
			45			sdg clay		light			
			46			sdg clay		light			
			47			sdg clay		light			
			48			sdg clay		light			
			49			sdg clay		light			
			50			sdg clay		light			
			51			sdg clay		light			
			52			sdg clay		light			
			53			sdg clay		light			
			54			sdg clay		light			
			55			sdg clay		light			
			56			sdg clay		light			
			57			sdg clay		light			
			58			sdg clay		light			
			59			sdg clay		light			
			60			sdg clay		light			
			61			sdg clay		light			
			62			sdg clay		light			
			63			sdg clay		light			
			64			sdg clay		light			
			65			sdg clay		light			
			66			sdg clay		light			
			67			sdg clay		light			
			68			sdg clay		light			
			69			sdg clay		light			
			70			sdg clay		light			
			71			sdg clay		light			
			72			sdg clay		light			
			73			sdg clay		light			
			74			sdg clay		light			
			75			sdg clay		light			
			76			sdg clay		light			
			77			sdg clay		light			
			78			sdg clay		light			
			79			sdg clay		light			
			80			sdg clay		light			
			81			sdg clay		light			
			82			sdg clay		light			
			83			sdg clay		light			
			84			sdg clay		light			
			85			sdg clay		light			
			86			sdg clay		light			
			87			sdg clay		light			
			88			sdg clay		light			
			89			sdg clay		light			
			90			sdg clay		light			
			91			sdg clay		light			
			92			sdg clay		light			
			93			sdg clay		light			
			94			sdg clay		light			
			95			sdg clay		light			
			96			sdg clay		light			
			97			sdg clay		light			
			98			sdg clay		light			
			99			sdg clay		light			
			100			sdg clay		light			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

MAP/GRID

AZIMUTH:

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PROSPECT:
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DRILLRIG:
DATE:

Geuld

AMG/LOCAL:

Rest Williams

PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

11/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
45	721800	8552300	0-1		Lat			lt			
			2		Lat + carb			rd			
			3		clay + carb			"			
			4		clay			khaki			
			5		"			"			
			6		"			"			
			7		"			"			
			8		"			"			
			9		"			"			
			10		cll ss + sch			lt			
			11		"			"			
			12		"			"			
			13		"			"			
			14	679750	"			"			
			15	S	"			"			
46	721900	8552300	0-1		Lat			lt			
			2		clay			"			
			3	679751	clay + sch			"			
			4		clay			"			
			5		"			"			
47	721900	8552300	0-1		clay			khaki			
			2		"			"			
			3		"			"			
			4		"			"			
			5		"			"			
			6		"			"			
			7		"			"			
			8		"			"			
			9		"			"			
			10		"			"			



AMG/LOCAL: Grant

Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID: _____
PAGE: 18 OF

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
232	721900	8552300	10-11		sky clay			lt. red			
			12		~			~			
			13		~			black			
			14		~			~			
			15		~			~			
			16		~			~			
			17	679752	~			~			
			18		ch. ss. sch. ?			~			
240	722000	8552300	0-1		lat			lt. red			
			2		clay.			~			
			3		~			~			
			4		~			~			
			5		~			~			
			6		~			~			
			7		~			~			
			8	679753	~			~			
			9		ddl.			~			
249	722000	8552100	0-1		lat			lt. red			
			2	679754	clay + carb.			lt. red			
			3		hard sh			~			
252	721900	8552100	0-1		lat			lt. red			
			2		clay			~			
			3		~			~			
			4		~			~			
			5	679755	clay			~			
258			6		ddl sch. sch. ?			~			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ MAP/GRID: _____
CO-ORDS: 721800 INCLINATION: _____ AZIMUTH: _____
DRILLERS: KEP WILLIAMS DRILLRIG: _____ DATE: 11/7/1976 PAGE: 19 OF _____
LOGGED BY: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
50	721800	8552100	0-1		lat			ltly			
			2		clay + gfs			rd br			
			3		6.1 gfs			~			
			4		~			~			
			5		~			~			
			6		clay			yp lty			
			7		~			~			
			8		~			~			
			9		~			~			
			10		~			~			
			11		~			~			
			12		~			~			
			13		~			~			
			14	679756	~			~			
			15	679757	ds 17			~			
51	721700	8552100	0-1		lat			ltly			weathered clay - bl speck
			2	679758	clay + gfs			br			
			3	679759	~			~			
			4		clay			brn			
			5		~			~			
			6		~			~			
			7		~			~			
			8	679757	~			~			
			9	679758	chl sl.			~			

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273

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NORMANDY POSEIDON GROUP RAB DRILLHOLE LOG

PROJECT: Grand
CO-ORDS: AMG/LOCAL:
DRILLERS: Kent Williams
LOGGED BY: Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____
PAGE: 20 OF _____
MAP/GRID: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
52	721600	8552100	0-1		Lat			lt bl			
			2		clay			orange			
			3		-			pink			
			4		^			pink			
			5	679759	^			khaki			
			6		large chl sh			lt bl			
53	721500	8552100	0-1		clay			buff			
			2		clay			pink buff			
			3	679760	large chl sh			lt bl			
			4		^			pink buff			
54	721400	8552100	0-1		Lat			orange			
			2	679761	clay			lt bl			
			3		siltstone chl sh			red			
55	721300	8552100	0-1		Lat			lt bl			
			2		clay			red			
			3		^			lt bl			
			4		^			lt bl			
			5	679762	large chl sh			lt bl			
			6		^			lt bl			
56	721200	8552100	0-1		Lat			lt bl			
			2		clay			lt bl			
			3		clay			lt bl			
			4		^			lt bl			
			5	679763	^			khaki			
			6		large chl sh			lt bl			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Gravel
CO-ORDS: AMG/LOCAL:
DRILLERS: Kest Williams
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____
PAGE: 21 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
57	721100	8552100	0-1		lat			lt w			
			2		clay			rd			
			3		clay			-			
			4		-			lt w			
			5	679764	-			u			
			6		heavy sh			think			
58	721000	8552100	0-1		lat			lt w			
			2		clay			buff			
			3		u			u			
			4		-			cy			
			5		-			u			
			6		-			-			
			7		-			-			
			8	679765	-			purple			
			9		heavy sh						
59	720800	8552100	0-1		lat			lt w			
			2		clay			rd			
			3		clay + calc.			-			
			4		u			-			
			5		u			-			
			6		u			-			
			7		u			-			
			8		u			-			
			9		shy clay			delu			
			10					u			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: 60m.d PROSPECT: _____ AZIMUTH: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ INCLINATION: _____
DRILLERS: Kent Williams DRILLRIG: _____ DATE: 12/7/96 PAGE: 22 OF _____
LOGGED BY: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
59	720800	8552100	11		clay			choc			
			12		u			u			
			13		u			u			
			14		u			u			
			15		u			u			
			16		u			u			
			17	679766	u			u			
			18		clay			u			
60	720700	8552100	0-1		clay			u			
			2		clay			u			
			3		clay			u			
			4		clay			u			
			5		u			u			
			6		u			u			
			7		u			u			
			8	679767	u (d m)			u			
			9		u			u			
61	720600	8552100	0-1		clay			u			
			2		clay			u			
			3		u			u			
			4		u			u			
			5	679768	clay			u			
			6		clay			u			
			15		clay			u			



NORMANDY POSEIDON GROUP

RAB DRILLHOLE LOG

PROJECT: _____
CO-ORDS: _____
DRILLERS: _____
LOGGED BY: _____

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID _____
PAGE: 23 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
62	720500	8552100	0-1		cat			black			
			2		shy clay			dk			
			3		~			~			
			4		clay			gy			
			5	679769	~			~			
			6		hem chd sh/cbe.			~			
63	720500	8551900	0-1		cat.			dk			
			2		sh.			gy			
			3	679770	bledd cbe sh			gy			
64	720600	8551900	0-1		cat			dk			
			2		clay			dk			
			3	679771	sh			gy			
65	720700	8551900	0-1		cat			dk			
			2		clay			dk			
			3		~			dk			
			4		~			~			
			5	679772	d/w			~			
			6		sh			dk			
66	720800	8551900	0-1		cat			dk			
			2		clay			dk			
			3		~			~			
			4		d/w			~			
			5	679773	d/w			~			
			6		d/w			~			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ AZIMUTH: _____ MAP/GRID: _____
CO-ORDS: 8551900 INCLINATION: _____
DRILLERS: Ken Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 12/7/96 PAGE: 24 OF 24

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
59	67 720900	8551900	0-1		lgt			lgy			
			2		clay			rd			
			3		lgt			rd			
			4		dlm			u			
			5	679774	sl			phaki			
			6		sl?			u			
65	69 721000	8551900	0-1		lgt			lgy			
			2		clay			rd			
			3		u			u			
			4		-			u			
			5		-			u			
			6		u			u			
			7		u			u			
			8	679775	-			u			
			9		abc sh			u			
54	721140				slg lgt			lgy			
69	721140	8551900	0-1		clay			rd			
			2		u			u			
			3		u			u			
			4		-			u			
			5	679776	abc lgt			u			
			6		u			u			
60					slg lgt			u			
			0-1		u			u			
			2		u			u			
			3		clay			u			
			4		u			u			
64					u			u			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: 6960 PROSPECT: _____ AZIMUTH: _____ MAP/GRID
CO-ORDS: _____ INCLINATION: _____
DRILLERS: Kent Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 12/7/196 PAGE: 25 OF _____

69	HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
	70			5		clay			sh			
				6		-			-			
				7		-			-			
				8	679777	chl sh			-			
69				9		-			-			
	71	721300	8551900	0-1		clay			sh			
				2		-			sh			
				3		-			-			
				4		-			-			
				5		-			-			
				6		-			-			
				7		-			-			
				8		-			-			
				9		-			-			
				10		-			bl sh			
				11	679778	chl sh			-			
				12		-			-			
81	72	721400	8551900	0-1		chl			sh			
				2		clay			-			
				3		-			-			
				4		-			-			
				5	679779	-			-			
87				6		chl sh			-			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Condo PROSPECT: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: _____ DRILLRIG: _____ PAGE: 26 OF _____
LOGGED BY: KEAT WILLIAMS DATE: 12/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
87	73 721500	8551900	0-1		d			dk			
89			2	679780	d			dk			
	74 721600	8551900	0-1		clay			dk			
			2		clay			dk			
			3		clay			dk			
			4		clay			dk			
			5	679781	clay			dk			
			6		clay			dk			
95	75 721700	8551900	0-1		clay			dk			
			2		clay			dk			
			3		clay			dk			
			4		clay			dk			
			5		clay			dk			
			6		clay			dk			
			7		clay			dk			
			8		clay			dk			
			9		clay			dk			
			10		clay			dk			
			11	679782	clay			dk			
			12		clay			dk			
107	76 721800	8551900	0-1		clay			dk			
			2		clay			dk			
			3		clay			dk			
			4		clay			dk			
			5	679783	clay			dk			
			6		clay			dk			



Group
AMG/LOCAL:
Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ **MAP/GRID** _____

PAGE: 27 OF

1961 7 19/6

PAGE: 27 OF 28

— **ATTORNEY GENERAL**



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Gould PROSPECT: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: KEAT WILLIAMS DRILLRIG: _____ DATE: 12/7/96 PAGE: 28 OF _____
LOGGED BY: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
135	81 721700	8551700	0-1	2	sh	sh		lt			
			2	3	sh	sh		lt			
			3	4	sh	sh		lt			
138	82 721600	8551700	0-1	2	sh	sh		lt			
			2	3	sh	sh		lt			
			3	4	sh	sh		lt			
141	83 721500	8551700	0-1	2	sh	sh		lt			
			2	3	sh	sh		lt			
			3	4	sh	sh		lt			
144	84 721400	8551700	0-1	2	sh	sh		lt			
			2	3	sh	sh		lt			
			3	4	sh	sh		lt			
150	85 721300	8551700	0-1	2	sh	sh		lt			
			2	3	sh	sh		lt			
			3	4	sh	sh		lt			
			4	5	sh	sh		lt			
			5	6	sh	sh		lt			
			6	7	sh	sh		lt			
156	86 721200	8551700	0-1	2	sh	sh		lt			
			2	3	sh	sh		lt			
			3	4	sh	sh		lt			
			4	5	sh	sh		lt			
			5	6	sh	sh		lt			
			6	7	sh	sh		lt			
			7	8	sh	sh		lt			
			8	9	sh	sh		lt			
			9	10	sh	sh		lt			
			10	11	sh	sh		lt			
			11	12	sh	sh		lt			
			12	13	sh	sh		lt			
			13	14	sh	sh		lt			
			14	15	sh	sh		lt			
			15	16	sh	sh		lt			
			16	17	sh	sh		lt			
			17	18	sh	sh		lt			
			18	19	sh	sh		lt			
			19	20	sh	sh		lt			
			20	21	sh	sh		lt			
			21	22	sh	sh		lt			
			22	23	sh	sh		lt			
			23	24	sh	sh		lt			
			24	25	sh	sh		lt			
			25	26	sh	sh		lt			
			26	27	sh	sh		lt			
			27	28	sh	sh		lt			
			28	29	sh	sh		lt			
			29	30	sh	sh		lt			
			30	31	sh	sh		lt			
			31	32	sh	sh		lt			
			32	33	sh	sh		lt			
			33	34	sh	sh		lt			
			34	35	sh	sh		lt			
			35	36	sh	sh		lt			
			36	37	sh	sh		lt			
			37	38	sh	sh		lt			
			38	39	sh	sh		lt			
			39	40	sh	sh		lt			
			40	41	sh	sh		lt			
			41	42	sh	sh		lt			
			42	43	sh	sh		lt			
			43	44	sh	sh		lt			
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			45	46	sh	sh		lt			
			46	47	sh	sh		lt			
			47	48	sh	sh		lt			
			48	49	sh	sh		lt			
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			50	51	sh	sh		lt			
			51	52	sh	sh		lt			
			52	53	sh	sh		lt			
			53	54	sh	sh		lt			
			54	55	sh	sh		lt			
			55	56	sh	sh		lt			
			56	57	sh	sh		lt			
			57	58	sh	sh		lt			
			58	59	sh	sh		lt			
			59	60	sh	sh		lt			
			60	61	sh	sh		lt			
			61	62	sh	sh		lt			
			62	63	sh	sh		lt			
			63	64	sh	sh		lt			
			64	65	sh	sh		lt			
			65	66	sh	sh		lt			
			66	67	sh	sh		lt			
			67	68	sh	sh		lt			
			68	69	sh	sh		lt			
			69	70	sh	sh		lt			
			70	71	sh	sh		lt			
			71	72	sh	sh		lt			
			72	73	sh	sh		lt			
			73	74	sh	sh		lt			
			74	75	sh	sh		lt			
			75	76	sh	sh		lt			
			76	77	sh	sh		lt			
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			78	79	sh	sh		lt			
			79	80	sh	sh		lt			
			80	81	sh	sh		lt			
			81	82	sh	sh		lt			
			82	83	sh	sh		lt			
			83	84	sh	sh		lt			
			84	85	sh	sh		lt			
			85	86	sh	sh		lt			
			86	87	sh	sh		lt			
			87	88	sh	sh		lt			
			88	89	sh	sh		lt			
			89	90	sh	sh		lt			
			90	91	sh	sh		lt			
			91	92	sh	sh		lt			
			92	93	sh	sh		lt			
			93	94	sh	sh		lt			
			94	95	sh	sh		lt			
			95	96	sh	sh		lt			
			96	97	sh	sh		lt			
			97	98	sh	sh		lt			
			98	99	sh	sh		lt			
			99	100	sh	sh		lt			
			100	101	sh	sh		lt			
			101	102	sh	sh		lt			
			102	103	sh	sh		lt			
			103	104	sh	sh		lt			
			104	105	sh	sh		lt			
			105	106	sh	sh		lt			
			106	107	sh	sh		lt			
			107	108	sh	sh		lt			
			108	109	sh	sh		lt			
			109	110	sh	sh		lt			
			110	111	sh	sh		lt			
			111	112	sh	sh		lt			
			112	113	sh	sh		lt			
			113	114	sh	sh		lt			
			114	115	sh	sh		lt			
			115	116	sh	sh		lt			
			116	117	sh	sh		lt			
			117	118	sh	sh		lt			
			118	119	sh	sh		lt			
			119	120	sh	sh		lt			
			120	121	sh	sh		lt			
			121	122	sh	sh		lt			
			122	123	sh	sh		lt			
			123	124	sh	sh		lt			
			124	125	sh	sh		lt			
			125	126	sh	sh		lt			
			126	127	sh	sh		lt			
			127	128	sh	sh		lt			
			128	129	sh	sh		lt			
			129	130	sh	sh		lt			
			130	131	sh	sh		lt			
			131	132	sh	sh		lt			
			132	133	sh	sh		lt			
			133	134	sh	sh		lt			
			134	135	sh	sh		lt			
			135	136	sh	sh		lt			
			136	137	sh	sh		lt			
			137	138	sh	sh		lt			
			138	139	sh	sh		lt			
			139	140	sh	sh		lt			
			140	141	sh	sh		lt			
			141	142	sh	sh		lt			
			142	143	sh	sh		lt			
			143	144	sh	sh		lt			
			144	145	sh	sh		lt			
			145	146	sh	sh		lt			
			146	147	sh	sh		lt			
			147	148	sh	sh		lt			
			148	149	sh	sh		lt			
			149	150	sh	sh		lt			
			150	151	sh	sh		lt			
			151	152	sh	sh		lt			
			152	153	sh	sh		lt			
			153	154	sh	sh		lt			
			154	155	sh	sh		lt			
			155	156	sh	sh		lt			
			156	157	sh	sh		lt			
			157	158	sh	sh		lt			
			158	159	sh	sh		lt			
			159	160	sh	sh		lt			
			160	161	sh	sh		lt			
			161	162	sh	sh		lt			
			162	163	sh	sh		lt			
			163	164	sh	sh		lt			
			164	165	sh	sh		lt			
			165	166	sh	sh		lt			
			166	167	sh	sh		lt			
			167	168	sh	sh		lt			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GOULD PROSPECT: _____ MAP/GRID: _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: KENT WILLIAMS DRILLRIG: _____ PAGE: 29 OF _____
LOGGED BY: _____ DATE: 12-17-1996

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
162	87 721100	8551700	0-1	1	Lat			exposed			
			2	2	d fm			rd			
			3	3	d fm			rd			
165	88 721000	8551700	0-1	1	shy lat			lt bl			
			2	2	shy clay			rd			
			3	3	shy			rd			
			4	4	shy + g			rd			
			5	5	shy			rd			
			6	6	shy			rd			
			7	7	shy			rd			
			8	8	shy			rd			
			9	9	shy			rd			
164	89 720900	8551700	0-1	1	heavy sh			phak			
			2	2	clay			rd			
			3	3	shy			rd			
167	90 720800	8551700	0-1	1	shy			rd			
			2	2	shy			rd			
			3	3	shy			rd			
			4	4	shy			rd			
			5	5	shy			rd			
			6	6	shy			rd			
173	91 720700	8551700	0-1	1	shy			rd			
			2	2	shy			rd			
			3	3	shy			rd			
			4	4	shy			rd			
177											



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GenLD PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ PAGE: 30 OF _____
LOGGED BY: _____ DATE: 12/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
177	91 720 700	855 1700	5		shy clay			shy			
			6		-			Khaki			
			7		-			-			
			8	679798	-			-			
			9		shy clay			-			
182	92 720 600	855 1700	0-1		shy clay			shy			
			2		-			shy			
			3		-			shy			
			4		-			shy			
			5	679799	-			shy			
			6		shy clay			shy			
188	93 720 500	855 1700	0-1		shy clay			shy			
			2		shy clay			shy			
			3		shy clay			shy			
			4		shy clay			shy			
			5		shy clay			shy			
			6		shy clay			shy			
			7		shy clay			shy			
			8		shy clay			shy			
			9		shy clay			shy			
			10		shy clay			shy			
			11	679800	shy clay			shy			
200			12		shy clay			shy			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Genulo PROSPECT: _____ MAP/GRID _____
CO-ORDS: 8551500 INCLINATION: _____
DRILLERS: KEPT WILLIAMS DRILLRIG: _____
LOGGED BY: _____ DATE: 12/17/96 PAGE: 31 OF _____
AZIMUTH: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
200	720500	8551500	0-1		shale/clay			shale			
			2		shale/clay			shale			
			3		shale/clay			shale			
			4		shale/clay			shale			
			5	679801	shale/clay			shale			
			6		shale/clay			shale			
206	720600	8551500	0-1		shale/clay			shale			
			2		shale/clay			shale			
			3		shale/clay			shale			
			4		shale/clay			shale			
			5	679802	shale/clay			shale			
			6		shale/clay			shale			
212	720700	8551500	0-1		shale/clay			shale			
			2		shale/clay			shale			
			3		shale/clay			shale			
			4		shale/clay			shale			
			5	679803	shale/clay			shale			
			6		shale/clay			shale			
218	720800	8551500	0-1		shale/clay			shale			
			2		shale/clay			shale			
			3		shale/clay			shale			
			4		shale/clay			shale			
			5		shale/clay			shale			
			6		shale/clay			shale			
			7		shale/clay			shale			
227			8	679804	shale/clay			shale			
			9		shale/clay			shale			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: KEAT WILLIAMS DRILLRIG: _____
LOGGED BY: _____ DATE: 12/7/96 PAGE: 32 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
98	720900	8551500	0-1		Lat			lt			
			2	679805	dlm			rd			
			3		dlm			u			
99	721000	8551500	0-19		Lat			lt			
			20		shy clay			lt			
			30		h			u			
			4		u			u			
			5	679806	dlm			u			
			6		clay sp			sp			
100	721100	8551500	0-1		shy clay			lt			
			2		u			rd			
			3	679807	u + sp			u			
			4		dlm			u			
101	721200	8551500	0-18		shy clay			lt			
			20		u			u			
			2		u			u			
			3	679808	dlm + sp			u			
			4		dlm + sp			u			
			5		shy clay			lt			
102	721300	8551500	0-1		clay			rd			
			2		u			u			
			3		u			u			
			4	679809	u			u			
			5		dlm			u			



NORMANDY POSEIDON GROUP RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 12/7/96 PAGE: 33 OF

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
103	721400	8551500	0-1		clay			dk			
			2		n						
			3		n						
			4		n						
			5	679810	-						
			6		d						
104	721500	8551500	0-1		clay			dk			
			2		shy clay			dk			
			3		n						
			4		n						
			5	679811	-						
			6		d						
105	721600	8551500	0-1		clay			dk			
			2		n						
			3		n						
			4		n						
			5	679812	d						
			6		d						
106	721700	8551500	0-1		clay			dk			
			2		shy clay						
			3		d						
			4		clay			dk			
			5		shy clay						
			6		d						
			7		n						



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Conrad
CO-ORDS: AMG/LOCAL:
DRILLERS: Kerr Williams
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____
PAGE: 34 OF _____
MAP/GRID: _____

12/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
106	721700	8551500	8			sdlt? (unapic intrusive)		khaki			
			9			"		gn khaki			
			10			"		"			
			11			"		"			
			12			"		"			
			13			"		"			
			14			"		"			
			15			"		"			
			0-1			ls		lth			
107	721800	8551500	2			clay sh / clay		rd li			
			3			sdlt / clay		"			
			4			"		"			
			5			"		purple			
			6			"		"			
			7			"		"			
			8			ls		"			
			9			sdlt sh		"			
			0-1			sh / clay		rd li			
108	721900	8551500	1			"		"			
			2			"		pink			
			3			"		"			
			4			sdlt		"			
			5			sdlt		"			
			6			sdlt		"			
				</							



Gruid
AMG/LOCAL:
Kest Williams

1217196

AZIMUTH: _____ **MAP/GRID** _____

PAGE: 35 OF 35

1217 196

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF.	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION
109	722000	8551500	0-1		slay clay			lt bl			
			2		"			sh			
			3		"			"			
			4		"			pale blue			
			5		"			"			
			6		"			"			
			7		"			"			
			8	679816	"			"			
			9		slay clay			lt bl			
110	722000	8551300	0-1		clay			orange			
			2		"			red			
			3		"			"			
			4		"			"			
			5		"			"			
			6		"			"			
			7		"			"			
			8		"			"			
			9		"			"			
			10		"			"			
			11	679817	"			"			
			12		"			"			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Gould PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ PAGE: 36 OF 36
LOGGED BY: _____ DATE: 12/7/1986

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
111	721900	8551300	0-1		hard			Wt.			
			2		clay + weathered pebbles			Wt.			
			3		~			Wt.			
			4		~			Wt.			
			5		~			Wt.			
			6		~			Wt.			
			7		~			Wt.			
			8	679818	~			Wt.			
			9		siliceous sh?			Wt.			
112	721800	8551300	0-1		sh			Wt.			
			2	679819	clay			Wt.			
			3		clay			Wt.			
113	721700	8551300	0-14		clay			Wt.			
			24		clay			Wt.			
			34		clay			Wt.			
			4		clay			Wt.			
			5		~			Wt.			
			6		~			Wt.			
			7		~			Wt.			
			9	679820	clay			Wt.			
			1		clay			Wt.			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GRAND PROSPECT: _____ MAP/GRID: EL 9382
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: KEUT WILLIAMS DRILLRIG: _____ PAGE: 37 OF _____
LOGGED BY: _____ DATE: 15/7/196

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
114	721600	8551300	0-1		Lat			off			
			2		off			off			
			3		shy clay			shale			
			4					sh			
			5								
			6								
			7		hem chd sh						
			8	679821	chd sh			quartzite			
			9								
115	721500	8551300	0-1		Lat			sh			
			2		shy clay						
			3								
			4								
			5					quartzite			
			6								
			7								
			8	679822	hem chd sh						
			9								
116	721400	8551300	0-1		Lat			sh			
			2		shy clay						
			3								
			4								
			5								
			6					sh			
			7								
			8	679823	chd hem sh						
			9								



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground PROSPECT: _____ MAP/GRID: _____
CO-ORDS: 8551300 INCLINATION: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ PAGE: 38 OF _____
LOGGED BY: _____ DATE: 15/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
117	721300	8551300	0-1		clay			clay			
			2		clay			clay			
			3		clay			clay			
			4		clay			clay			
			5	679824	clay			clay			
			6		clay			clay			
118	721200	8551300	0-1		clay			clay			
			2		clay			clay			
			3		clay			clay			
			4		clay			clay			
			5	679825	clay			clay			
			6		clay			clay			
119	721100	8551300	0-1		clay			clay			
			2		clay			clay			
			3		clay			clay			
			4		clay			clay			
			5		clay			clay			
			6		clay			clay			
			7		clay			clay			
			8		clay			clay			
			9		clay			clay			
			10		clay			clay			
			11	679826	clay			clay			
			12		clay			clay			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ MAP/GRID _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: _____ DRILLRIG: _____ PAGE: 39 OF _____
LOGGED BY: Roy Williams DATE: 15/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
120	721000	8551300	0-1		gl			lt			
			2		slty clay			lt			
			3		cl			"			
			4		"			"			
			5		"			"			
			6		"			black			
			7		"			"			
			8	679827	"			"			
			9		hematite			"			
121	720900	8551300	0-1		cl			lt			
			2		slty clay			"			
			3		"			"			
			4		"			"			
			5	679923	"			black			
			6		cl hematite			"			
122	720800	8551300	0-1		cl			lt			
			2		"			"			
			3		sh			"			
			4		"			black			
			5	679829	"			"			
			6		hematite sh			purple			
123	720700	8551300	0-1		cl			lt			
			2		"			"			
			3		"			"			
			4		"			"			
			5		"			"			
			6		"			"			



PROJECT: _____
CO-ORDS: _____
DRILLERS: _____
LOGGED BY: _____

AMG/LOCAL: 674112
PROSPECT: _____
INCLINATION: _____
DRILLRIG: _____
DATE: 18/7/196

AZIMUTH: _____
PAGE: 40 OF _____

MAP/GRID: _____

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NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ MAP/GRID _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: Kerr Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 18/7/96 PAGE: 41 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
124	720600	8551300	0-1	1st				black	buff		
			2					black	buff		
			3					"	"		
			4					"	"		
		679830	5					"	"		
			6					"	"		
125	720500	8551300	0-1		clay			buff	buff		
			2		"			buff	buff		
			3		"			"	"		
			4		"			"	"		
			5		"			"	"		
			6		dlm			"	"		
126	720500	8551100	0-1		clay			buff	buff		
			2		"			buff	buff		
			3		"			"	"		
			4		"			black	black		
			5		"			"	"		
			6		long sh			"	"		
127	720600	8551100	0-1		clay			buff	buff		
			2		"			buff	buff		
			3		"			"	"		
			4		"			"	"		
			5		"			"	"		
			6		"			"	"		
			7		off			pitch	pitch		



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GOULD PROSPECT: _____ MAP/GRID _____
CO-ORDS: _____ INCLINATION: _____ AZIMUTH: _____
DRILLERS: KURT WILLIAMS DRILLRIG: _____ PAGE: 42 OF _____
LOGGED BY: _____ DATE: 18/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
31			8		s			pink			
			9		s			"			
			10		s						
			11	679834	Leysch sh.			black			
			12					"			
			0-1		clay			off			
36	720700	8551100	2		s			"			
			3		s			"			
			4		s			"			
			5	679835	s			"			
			6		dl			"			
			0-1		clay			off			
42	720800	8551100	2		s			"			
			3		s			"			
			4		s			"			
			5	679836	s			"			
			6		dl			"			
			0-1		clay			off			
49	720900	8551100	2		s			"			
			3		s			"			
			4		s			"			
			5	679837	s			"			
			6		dl			"			
			0-1		clay			off			
54			2		s			"			
			3		s			"			
			4		s			"			
			5	679838	s			"			
			6		dl			"			
			0-1		clay			off			



NORMANDY POSEIDON GROUP RAB DRILLHOLE LOG

PROJECT: GOULD PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: 8551100 INCLINATION: _____ AZIMUTH: _____
DRILLERS: KENT WILLIAMS DRILLRIG: _____ DATE: 19/7/1986 PAGE: 43 OF _____
LOGGED BY: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
131	721000	8551100	0-1	2	clay			shl			
			2	3	clay			shl			
			3	4	clay			shl			
			4	5	"			"			
			5	6	"			"			
			6	7	"			"			
			7	8	clay			"			
			8	9	clay			"			
			9	10	clay			"			
			10	11	clay			"			
			11	12	clay			"			
			12	13	clay			"			
			13	14	clay			"			
			14	15	clay			"			
			15	16	clay			"			
			16	17	clay			"			
			17	18	clay			"			
			18	19	clay			"			
			19	20	clay			"			
			20	21	clay			"			
			21	22	clay			"			
			22	23	clay			"			
			23	24	clay			"			
			24	25	clay			"			
			25	26	clay			"			
			26	27	clay			"			
			27	28	clay			"			
			28	29	clay			"			
			29	30	clay			"			
			30	31	clay			"			
			31	32	clay			"			
			32	33	clay			"			
			33	34	clay			"			
			34	35	clay			"			
			35	36	clay			"			
			36	37	clay			"			
			37	38	clay			"			
			38	39	clay			"			
			39	40	clay			"			
			40	41	clay			"			
			41	42	clay			"			
			42	43	clay			"			
			43	44	clay			"			
			44	45	clay			"			
			45	46	clay			"			
			46	47	clay			"			
			47	48	clay			"			
			48	49	clay			"			
			49	50	clay			"			
			50	51	clay			"			
			51	52	clay			"			
			52	53	clay			"			
			53	54	clay			"			
			54	55	clay			"			
			55	56	clay			"			
			56	57	clay			"			
			57	58	clay			"			
			58	59	clay			"			
			59	60	clay			"			
			60	61	clay			"			
			61	62	clay			"			
			62	63	clay			"			
			63	64	clay			"			
			64	65	clay			"			
			65	66	clay			"			
			66	67	clay			"			
			67	68	clay			"			
			68	69	clay			"			
			69	70	clay			"			
			70	71	clay			"			
			71	72	clay			"			
			72	73	clay			"			
			73	74	clay			"			
			74	75	clay			"			
			75	76	clay			"			
			76	77	clay			"			
			77	78	clay			"			
			78	79	clay			"			
			79	80	clay			"			
			80	81	clay			"			
			81	82	clay			"			
			82	83	clay			"			
			83	84	clay			"			
			84	85	clay			"			
			85	86	clay			"			
			86	87	clay			"			
			87	88	clay			"			
			88	89	clay			"			
			89	90	clay			"			
			90	91	clay			"			
			91	92	clay			"			
			92	93	clay			"			
			93	94	clay			"			
			94	95	clay			"			
			95	96	clay			"			
			96	97	clay			"			
			97	98	clay			"			
			98	99	clay			"			
			99	100	clay			"			
			100	101	clay			"			
			101	102	clay			"			
			102	103	clay			"			
			103	104	clay			"			
			104	105	clay			"			
			105	106	clay			"			
			106	107	clay			"			
			107	108	clay			"			
			108	109	clay			"			
			109	110	clay			"			
			110	111	clay			"			
			111	112	clay			"			
			112	113	clay			"			
			113	114	clay			"			
			114	115	clay			"			
			115	116	clay			"			
			116	117	clay			"			
			117	118	clay			"			
			118	119	clay			"			
			119	120	clay			"			
			120	121	clay			"			
			121	122	clay			"			
			122	123	clay			"			
			123	124	clay			"			
			124	125	clay			"			
			125	126	clay			"			
			126	127	clay			"			
			127	128	clay			"			
			128	129	clay			"			
			129	130	clay			"			
			130	131	clay			"			
			131	132	clay			"			
			132	133	clay			"			
			133	134	clay			"			
			134	135	clay			"			
			135	136	clay			"			
			136	137	clay			"			
			137	138	clay			"			
			138	139	clay			"			
			139	140	clay			"			
			140	141	clay			"			
			141	142	clay			"			
			142	143	clay			"			
			143	144	clay			"			
			144	145	clay			"			
			145	146	clay			"			
			146	147	clay			"			
			147	148	clay			"			
			148	149	clay			"			
			149	150	clay			"			
			150	151	clay			"			
			151	152	clay			"			
			152	153	clay			"			
			153	154	clay			"			
			154	155	clay			"			
			155	156	clay			"			
			156	157	clay			"			
			157	158	clay			"			
			158	159	clay			"			
			159	160	clay			"			
			160	161	clay			"			
			161	162	clay			"			
			162	163	clay			"			
			163	164	clay			"			
			164	165	clay			"			
			165	166	clay			"			
			166	167	clay			"			
			167	168	clay			"			
			168	169	clay			"			
			169	170	clay			"			
			170	171	clay			"			
			171	172	clay			"			
			172	173	clay			"			
			173	174	clay			"			
			174	175	clay			"			
			175	176	clay			"			
			176	177	clay			"			
			177	178	clay			"			
			178	179	clay			"			
			179	180	clay			"			
			180	181	clay			"			
			181	182	clay			"			
			182	183	clay			"			
			183	184	clay			"			
			184	185	clay			"			
			185	186	clay			"			
			186	187	clay			"			
			187	188	clay			"			
			188	189	clay			"			
			189	190	clay			"			
			190	191	clay			"			
			191	192	clay						



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground
CO-ORDS: AMG/LOCAL:
DRILLERS: KENT WILLIAMS
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____
PAGE: 440F

MAP/GRID

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
134	721300	8551100	0-1		shy clay			lt			
			2		shy clay			lt			
			3		shy clay			pinkish			
			4		shy clay			~			
			5		shy clay			~			
			6		shy clay			blackish			
			7		shy clay			~			
			8		shy clay			~			
			9		shy clay			~			
			10		shy clay			~			
			11	679842	shy clay			~			
			12		shy clay			~			
135	721400	8551100	0-1		shy clay			lt			
			2		shy clay			lt			
			3		shy clay			blackish			
			4		shy clay			blackish			
			5		shy clay			~			
			6		shy clay			~			
			7	6777843	shy clay			~			
			8		shy clay			~			
			9		shy clay			blackish			
			10		shy clay			~			
			11		shy clay			~			
			12		shy clay			~			
			13		shy clay			~			



NORMANDY POSEIDON GROUP RAB DRILLHOLE LOG

PROJECT: Ground PROSPECT: _____ MAP/GRID: _____
CO-ORDS: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 18/7/96 PAGE: 45 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH.	FORMATION	DESCRIPTION
			14		shy clay			black			
			15		2			~			
			16		2			~			
			17		2			~			
			18		2			~			
			19		2			~			
			20		2			~			
			21		2			~			
			22		2			~			
			23	679844	shy clay			~			
			24		shy clay			~			
114	136	721500	0-1		shy clay			~			
			2		2			~			
			3		2			~			
			4		2			~			
			5		2			~			
			6		2			~			
			7		2			~			
			8		2			~			
			9		2			~			
			10		2			~			
			11		2			~			
			12		2			~			
			13		2			~			
			14	679845	shy clay			~			
			15		2			~			

Zone
amplified
only 7 sh?



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

Ground

AMG/LOCAL:

Rent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

18/17/196

AZIMUTH:
PAGE: 46 OF

MAP/GRID

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
137	721600	8551100	0-1		shy clay			shy			
			1-2		"			shy			
			3		"			shy			
			4		"			"			
			5	679846	shy			"			
			6		shy			"			
138	721700	8551100	0-1		shy			shy			
			2		"			shy			
			3		weathered sh?			shy			
			4		"			"			
			5	679847	shy			shy			
			6		"			shy			
139	721800	8551100	0-1		shy			shy			
			2		shy			shy			
			3		shy			shy			
			4		"			shy			
			5	679848	shy			shy			
			6		shy			shy			
140	721900	8551100	0-1		shy			shy			
			2		shy			shy			
			3		"			shy			
			4		"			shy			
			5	679849	shy			shy			
			6		shy			shy			
141	722000	8551100	0-1		shy			shy			
			2		"			shy			
			3		"			shy			
			4		"			shy			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GOULD
CO-ORDS: AMG/LOCAL:
DRILLERS: KENT WILLIAMS
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID _____
PAGE: 47 OF _____

1817196

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH. CODE	LITH. QUALIF.	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION	
142	722000	8550000	5	{ 679850 }	clay			khaki				
			6		~			~				
			7		~			~				
			8		clay sh			~				
			9		~			~				
			0-1		clay			khaki				
			2		~			~				
			3		~			~				
			4		~			~				
			5		~			~				
143	721900	8550000	6	{ 679851 }	~			~				
			7		~			~				
			8		~			~				
			9		clay sh?			~				
			0-1			clay			khaki			
			2		~			~				
			3		~			~				
			4		~			~				
			5		~			~				
			6		~			~				
144	721800	8550000	7	{ 679852 }	~			~				
			8		~			~				
			9		~			~				
			0-1			clay sh?			~			
			2			clay			khaki			
			3		~			~				
			4		~			~				
			5		~			~				
			6		~			~				
			7		~			~				
145	721700	8550000	8	{ 679853 }	~			~				
			9		~			~				
			0-1			clay sh?			~			
			2			clay			khaki			
			3			~			~			
			4		~			~				
			5		~			~				
			6		~			~				
			7		~			~				
			8		~			~				



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: GOULD PROSPECT: _____ MAP/GRID _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: KENT WILLIAMS DRILLRIG: _____ PAGE: 48 OF _____
LOGGED BY: _____ DATE: 18/7/96

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF.	MINERALS	COLOUR	WEATH.	FORMATION	DESCRIPTION
144	721800	8550900	0-1		shy clay			black			
			1-2		clay			black			
			2-3		clay			black			
			3-4	679853	clay			black			
			4-5		clay			black			
145	721700	8550900	0-1		clay			black			
			1-2		clay			black			
			2-3		clay			black			
			3-4		clay			black			
			4-5	679854	clay			black			
			5-6		clay			black			
146	721600	8550900	0-1		clay			black			
			1-2		clay			black			
			2-3		clay			black			
			3-4		clay			black			
			4-5		clay			black			
			5-6		clay			black			
			6-7		clay			black			
			7-8	679855	clay			black			
			8-9		clay			black			
147	721500	8550900	0-1		clay			black			
			1-2		clay			black			
			2-3		clay			black			
			3-4		clay			black			
			4-5	679856	clay			black			
			5-6		clay			black			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Grand PROSPECT: _____ MAP/GRID _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____ PAGE: 49 OF _____
LOGGED BY: _____ DATE: 18/7/1966

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
148	721400	8550900	0-1		shy clay			ly			
			2		dlm			shy			
			3		u			rd			
			4		clay			black			
			5		u			gr u			
			6		dl sh			u			
			7		u			u			
			8	679857	u			u			
149	721300	8550900	9		dl sh			u			
			0-1		shy clay			shy			
			2		u			rd			
			3		dl u			u			
			4		shy clay			u			
			5	679858	u			gr black			
			6		dl sh			u			
			0-1		shy clay			ly			
150	721200	8550900	2		u			shy			
			3		dl u			rd			
			4		clay			orange			
			5	679859	dl sh			u			
			6		shy clay			u			
			0-1		shy clay			u			
			2		u			shy			
			3		dl u			rd			
151	721100	8550900	4		clay			u			
			5	679859	dl sh			u			
			6		shy clay			u			
			0-1		shy clay			u			
			2		dl u			u			
			3		dl u			u			
			4		dl u			u			
			5	679860	dl sh			u			



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THE UNIVERSITY OF CHICAGO



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Ground. PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: Kent Williams DRILLRIG: _____
LOGGED BY: _____ DATE: 18/7/1986 PAGE: 51 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH. CODE	LITH. QUALIF.	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION
252	156	720600	8550900	0-1		shy lat		ltly			
				1		shy clay		rd			
				2		shy clay					
				3		clay		bruff			
				4		clay		bruff			
				5		clay		bruff			
				6		shy lat		bruff			
259	157	720500	8550900	0-1		shy lat		ltly			
				2		shy clay		rd			
				3		shy clay		rd			
				4		shy clay		rd			
				5		shy clay		rd			
				6		shy clay		rd			
264	158	720500	8550700	0-1		shy lat		ltly			
				2		shy lat		ltly			
				3		shy lat		ltly			
				4		shy lat		ltly			
				5		shy lat		ltly			
				6		shy lat		ltly			
				7		shy lat		ltly			
				8		shy lat		ltly			
				9		shy lat		ltly			
				10		shy lat		ltly			
				11		shy lat		ltly			
				12		shy lat		ltly			
				13		shy lat		ltly			
				14		shy lat		ltly			
				15		shy lat		ltly			
				16		shy lat		ltly			
				17		shy lat		ltly			
				18		shy lat		ltly			
				19		shy lat		ltly			
				20		shy lat		ltly			
				21		shy lat		ltly			
				22		shy lat		ltly			
				23		shy lat		ltly			
				24		shy lat		ltly			
				25		shy lat		ltly			
				26		shy lat		ltly			
				27		shy lat		ltly			
				28		shy lat		ltly			
				29		shy lat		ltly			
				30		shy lat		ltly			
				31		shy lat		ltly			
				32		shy lat		ltly			
				33		shy lat		ltly			
				34		shy lat		ltly			
				35		shy lat		ltly			
				36		shy lat		ltly			
				37		shy lat		ltly			
				38		shy lat		ltly			
				39		shy lat		ltly			
				40		shy lat		ltly			
				41		shy lat		ltly			
				42		shy lat		ltly			
				43		shy lat		ltly			
				44		shy lat		ltly			
				45		shy lat		ltly			
				46		shy lat		ltly			
				47		shy lat		ltly			
				48		shy lat		ltly			
				49		shy lat		ltly			
				50		shy lat		ltly			
				51		shy lat		ltly			
				52		shy lat		ltly			
				53		shy lat		ltly			
				54		shy lat		ltly			
				55		shy lat		ltly			
				56		shy lat		ltly			
				57		shy lat		ltly			
				58		shy lat		ltly			
				59		shy lat		ltly			
				60		shy lat		ltly			
				61		shy lat		ltly			
				62		shy lat		ltly			
				63		shy lat		ltly			
				64		shy lat		ltly			
				65		shy lat		ltly			
				66		shy lat		ltly			
				67		shy lat		ltly			
				68		shy lat		ltly			
				69		shy lat		ltly			
				70		shy lat		ltly			
				71		shy lat		ltly			
				72		shy lat		ltly			
				73		shy lat		ltly			
				74		shy lat		ltly			
				75		shy lat		ltly			
				76		shy lat		ltly			
				77		shy lat		ltly			
				78		shy lat		ltly			
				79		shy lat		ltly			
				80		shy lat		ltly			
				81		shy lat		ltly			
				82		shy lat		ltly			
				83		shy lat		ltly			
				84		shy lat		ltly			
				85		shy lat		ltly			
				86		shy lat		ltly			
				87		shy lat		ltly			
				88		shy lat		ltly			
				89		shy lat		ltly			
				90		shy lat		ltly			
				91		shy lat		ltly			
				92		shy lat		ltly			
				93		shy lat		ltly			
				94		shy lat		ltly			
				95		shy lat		ltly			
				96		shy lat		ltly			
				97		shy lat		ltly			
				98		shy lat		ltly			
				99		shy lat		ltly			
				100		shy lat		ltly			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Cond PROSPECT: _____ MAP/GRID: _____
CO-ORDS: AMG/LOCAL: _____ AZIMUTH: _____
DRILLERS: KEAT WILLIAMS DRILLRIG: _____
LOGGED BY: _____ DATE: 18/7/196 PAGE: 52 OF 52

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF.	MINERALS	COLOR	WEATH.	FORMATION	DESCRIPTION
160	720 700	8550700	0-1		dlw			rdy			
			1	679869	n			sd			
			3		dlw			rdy			
161	720 800	8550700	0-1		shy clay			rdy			
			2		dlw			rdy			
			3	679870	clay			rdy			
			4		clay 4 dlw			rdy			
			4		dlw			rdy			
162	720 900	8550700	0-1		ch sh (hmm)			black			
			2	679871	shy dlw			black			
			3		dlw			rdy			
163	720 1000	8550700	0-1		clay			rdy			
			2		clay			rdy			
			3		shy			rdy			
			4	679872	ch sh			black			
			5		ch sh			black			
			6		n			rdy			
164	720 1100	8550700	0-1		dlw			rdy			
			2		dlw			rdy			
			3		dlw			rdy			
			4		ch sh			black			
			5		ch sh			rdy			
			6		hmm sh			pink			
			7		n			rdy			
			8	679873	ch sh			black			
			9		n			rdy			



AMG/LOCAL: Conley
RENT WILLIAMS

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID: _____
PAGE: 53 OF _____

[illegible]



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Conund
CO-ORDS: AMG/LOCAL:
DRILLERS: Kent Williams
LOGGED BY:

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

PROSPECT: _____
INCLINATION: _____
DRILLRIG: _____
DATE: 18/7/96

AZIMUTH: _____
PAGE: 540F

MAP/GRID: _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
326	165 721200	8550700	0-1	1	clay			dk			
			1-2	2	clay			dk			
			2-3	3	clay			dk			
327	166 721300	8550700	0-1	1	clay			dk			
			1-2	2	clay			dk			
			2-3	3	clay			dk			
			3-4	4	clay + sand d.w.			dk			
			4-5	5	clay sh.			dk			
			5-6	6	clay sh.			dk			
328	167 721400	8550700	0-1	1	clay			dk			
			1-2	2	clay			dk			
			2-3	3	clay sh.			dk			
329	168 721500	8550700	0-1	1	clay			dk			
			1-2	2	clay			dk			
			2-3	3	clay			dk			
			3-4	4	clay			dk			
			4-5	5	clay sh?			dk			
			5-6	6	clay			dk			
342	169 721600	8550700	0-1	1	clay			dk			
			1-2	2	clay			dk			
			2-3	3	clay			dk			
			3-4	4	clay			dk			
			4-5	5	clay			dk			
			5-6	6	clay			dk			
348					sh			dk			



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: Concho Air Strip
CO-ORDS: AMG/LOCAL:
DRILLERS: Kent Williams
LOGGED BY: Kent Williams

PROSPECT:
INCLINATION:
DRILLRIG:
DATE: 18/1/7/196

AZIMUTH: _____
MAP/GRID _____
PAGE: 25 OF _____

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOUR	WEATH	FORMATION	DESCRIPTION
170	721700	8550700	0-1	2	sh			sh			
				3	sh			un-stad			
				4	sh			un-stad			
171	720500	8550500	0-1	2	sh			sh			
				3	sh			sh			
				4	sh			sh			
				5	sh			sh			
				6	sh			sh			
				7	sh			sh			
				8	sh			sh			
				9	sh			sh			
172	720600	8550500	0-1	2	sh			sh			
				3	sh			sh			
				4	sh			sh			
				5	sh			sh			
				6	sh			sh			
173	720700	8550500	0-1	2	sh			sh			
				3	sh			sh			
				4	sh			sh			
				5	sh			sh			
				6	sh			sh			



Grand
AMG/LOCAL:
Kent Williams

1917 1918

AZIMUTH:

PAGE: 56 OF 95

[illegible]



NORMANDY POSEIDON GROUP
RAB DRILLHOLE LOG

PROJECT: CONLD PROSPECT: _____ AZIMUTH: _____ MAP/GRID _____
CO-ORDS: _____ INCLINATION: _____
DRILLERS: KEAT WILLIAMS DRILLRIG: _____
LOGGED BY: _____ DATE: 19/7/96 PAGE: 57 OF 57

HOLE	EAST	NORTH	INTERVAL	SAMPLE NO.	LITH CODE	LITH QUALIF	MINERALS	COLOR	WEATH	FORMATION	DESCRIPTION
178	721200	8550500	0-1	679889	dlw			dk			
			1-2	679889	dlw			u			
			3-4	679889	dlw			phy			
179	721300	8550500	0-1		shy clay			dk			Ext of c + d l w
			2		clay			u			
			3		clay + d l w?			u			
			4		u			u			
			5	679890	dlw			u			
			6		sh			u			
180	721400	8550500	0-1		clay			dk			
			2		u			u			
			3		u			u			
			4		u			u			
			5	679891	u			u			
			6		hard d l w			u			
181	721500	8550500	0-1		dlw			u			
			2	679892	u			u			
			3		sh			u			
182	721600	8550500	0-1		clay			u			
			2		dlw			u			
			3		clay			u			
			4		u			u			
			5	679893	u			u			
			6		dlw			u			



NORMANDY POSEIDON GROUP

RAB DRILLHOLE LOG

PROJECT:
CO-ORDS:
DRILLERS:
LOGGED BY:

CONFIDENTIAL
AMG/LOCAL:
KENT WILLIAMS

PROSPECT:
INCLINATION:
DRILLRIG:
DATE:

AZIMUTH: _____ MAP/GRID: _____
PAGE: 58 OF _____

[illegible]

APPENDIX II

ANALYTICAL RESULTS



- 1 AUG 1996

ASSAYCORP

Report Code: AC 30698

Samples Received: 20/07/96

Number of Samples: 14

Nicron Resources Ltd - Woodcutters Mine

Private Bag 60

Winnellie NT 0821

Assaycorp Pty Ltd

A.C.N. 052 982 911

174 Ward St

Pine Creek NT 0847

Ph (08) 8978 1262

Fax (08) 8978 1310

Report Distribution

Kent Williams

Reference: 10161

Project:

Cost Code:

Sample Preparation:

Assay Data:

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	1	ppb
Au(R)	FA50	Acc. $\pm$ 15%	1	ppb
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Pb	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Zn	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Ni	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

Gold RAB EL 9382.

Report Comment:

Authorisation: Ray Wooldridge

Report Dated: 30/07/96



ASSAYCORP

ASSAY CODE: AC 30698

Page 1 of 1

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679881	1		213	5580	423	72	1480
679882	1		89	80	38	39	105
679883	6	8	96	38	143	84	500
679884	1		77	5	90	46	1260
679885	3	3	57	<2	165	27	539
679886	2		76	12	169	43	324
679887	1		67	8	90	28	884
679888	1		118	52	57	27	350
679889	<1		38	28	67	55	654
679890	2		63	42	85	48	465
679891	2	4	168	23	123	48	1640
679892	1		78	16	74	38	1200
679893	1		19	<2	139	2	930
679894	2	1	71	178	208	53	1240



ASSAYCORP

Report Code: AC 30697

Samples Received: 20/07/98

Number of Samples: 80

Nicron Resources Ltd - Woodcutters Mine

Private Bag 80

Winnellie NT 0821

Assaycorp Pty Ltd

A.C.N. 052 982 911

174 Ward St

Pine Creek NT 0847

Ph (08) 8978 1262

Fax (08) 8978 1310

Report Distribution

Kent Williams

Reference: 10180

Project:

Cost Code:

Sample Preparation:

Assay Data:

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	1	ppb
Au(R)	FA50	Acc. $\pm$ 15%	1	ppb
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Pb	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Zn	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Ni	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

Yould RAB

EL 9382.

Report Comment:

Authorisation: Ray Wooldridge

Report Dated: 30/07/98



ASSAYCORP

ASSAY CODE: AC 30697

Page 1 of 3

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679821	1		17	<2	81	140	1410
679822	7	7	62	51	145	101	181
679823	11	12	59	36	148	76	512
679824	3	4	120	217	51	58	1870
679825	<1		103	3	177	182	1320
679826	<1		40	3	38	22	22
679827	<1		42	8	49	33	479
679828	<1		130	12	25	65	91
679829	<1		89	15	11	27	23
679830	1		76	96	42	57	240
679831	1		75	77	34	54	525
679832	<1		24	3	5	13	12
679833	<1		114	15	41	38	209
679834	<1	<1	98	16	59	41	158
679835	2		74	49	24	45	756
679836	1		80	63	24	44	415
679837	1		115	43	30	39	361
679838	1		106	24	29	38	213
679839	<< Sample not received >>						
679840	<1		61	<2	73	12	98
679841	1		64	8	34	56	1170
679842	<1		42	<2	125	66	1080
679843	2		56	24	132	104	293
679844	2		58	<2	103	89	1520
679845	<1		153	69	74	60	325



ASSAYCORP

ASSAY CODE: AC 30697

Page 2 of 3

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679846	1		75	55	69	37	92
679847	2		71	86	20	26	57
679848	2		45	39	73	45	3080
679849	2		57	156	93	42	335
679850	<1		64	<2	178	49	621
679851	<1		55	<2	150	22	560
679852	<1		67	<2	90	25	1280
679853	<1	1	63	64	51	19	232
679854	1	1	37	4	117	2	724
679855	1		146	23	90	50	2460
679856	<1		69	<2	151	15	335
679857	<1		53	<2	72	34	867
679858	<1		57	20	83	83	780
679859	<1		51	6	55	93	857
679860	<1		90	<2	127	24	1160
679861	<1		79	8	73	37	664
679862	2		79	78	35	62	444
679863	<1		232	73	57	72	565
679864	<1		55	67	29	41	237
679865	1		50	38	16	34	55
679866	6	6	90	47	26	41	148
679867	1		35	15	52	41	162
679868	2	2	65	14	44	25	148
679869	1		56	28	29	24	159
679870	1		49	30	72	58	895



ASSAYCORP

ASSAY CODE: AC 30697

Page 3 of 3

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679871	1	1	87	32	127	62	1760
679872	<1		55	7	135	119	1540
679873	1		98	186	240	32	820
679874	2	1	47	22	102	40	1060
679875	1		94	287	162	48	2400
679876	<1		62	46	55	42	319
679877	6	6	79	4	71	56	654
679878	1	1	69	61	75	49	364
679879	<1		27	<2	93	54	1230
679880	<1		92	27	133	41	670



- 1 AUG 1996

ASSAYCORP

Report Code: AC 30530

Samples Received: 17/07/86

Number of Samples: 56

Nicron Resources Ltd - Woodcutters Mine

Private Bag 80

Winnellie NT 0821

Assaycorp Pty Ltd

A.C.N. 052 982 911

174 Ward St

PINE CREEK NT 0847

Ph (08) 8976 1282

Fax (08) 8976 1310

Report Distribution

Ian Butler

Reference: 10158

Project:

Cost Code:

Sample Preparation:

Assay Data:

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	1	ppb
Au(R)	FA50	Acc. $\pm$ 15%	1	ppb
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Pb	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Zn	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Ni	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

Gold RAB

EL 7382.

Report Comment:

Authorisation: Ray Wooldridge

Report Dated: 30/07/88



ASSAYCORP

ASSAY CODE: AC 30530

Page 1 of 3

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679765	3		54	50	23	26	72
679766	2		131	9	55	70	3870
679767	3		72	30	93	54	1020
679768	3		83	46	93	70	2470
679769	2		59	23	6	15	57
679770	4	6	33	27	4	19	43
679771	2		53	57	13	28	167
679772	2		53	39	23	35	103
679773	3		70	53	45	40	199
679774	1	1	128	65	45	38	398
679775	2		56	17	4	30	21
679776	3		59	62	23	76	135
679777	2		84	23	20	55	234
679778	3		30	13	52	47	69
679779	2		154	19	55	76	210
679780	5	5	132	25	54	86	147
679781	4		135	40	98	118	555
679782	7		206	126	40	114	88
679783	4		97	51	17	48	60
679784	3	2	74	76	46	67	217
679785	9	6	99	40	53	58	7000
679786	6		69	34	50	59	160
679787	2		251	33	67	140	100
679788	3	3	375	28	57	198	106
679789	6	3	157	51	78	106	260



ASSAYCORP

ASSAY CODE: AC 30530

Page 2 of 3

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679790	5		108	24	43	68	74
679791	4		113	59	45	77	77
679792	2		78	22	15	87	64
679793	2		55	18	9	43	52
679794	6		165	44	41	103	436
679795	3		76	24	26	56	90
679796	1		110	182	15	27	102
679797	2		177	12	64	69	1100
679798	6		176	85	35	62	181
679799	2		339	36	43	38	86
679800	1		218	180	116	88	268
679801	5		88	70	22	50	192
679802	5		59	58	36	40	182
679803	6		97	138	58	64	556
679804	5		150	80	59	65	643
679805	5		140	156	58	62	2080
679806	3		97	80	34	32	348
679807	6		99	94	39	62	440
679808	5		215	88	36	60	524
679809	7	5	104	179	76	60	716
679810	4		81	111	47	39	310
679811	4		70	88	57	49	241
679812	3		76	160	72	60	1900
679813	1		42	2	84	32	820
679814	2		45	<2	69	71	1910



ASSAYCORP

ASSAY CODE: AC 30530

Page 3 of 3

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679815	4	3	35	14	12	24	88
679816	4		84	65	51	32	65
679817	3		85	29	182	51	174
679818	4		208	59	167	84	534
679819	2		49	137	85	39	1780
679820	3	3	19	14	77	56	1750



19 JUL 1996

ASSAYCORP

Report Code: AC 30483

Samples Received: 11/07/96

Number of Samples: 38

Nicron Resources Ltd - Woodcutters Mine

Private Bag 60

Winnellie NT 0821

Assaycorp Pty Ltd

A.C.N. 052 982 911

174 Ward St

Pine Creek NT 0847

Ph (089) 76 1262

Fax (089) 76 1310

Report Distribution

Ian Butler

Reference: 10156

Project:

Cost Code:

EL9257 + 9382.

Sample Preparation:

Assay Data:

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	1	ppb
Au(R)	FA50	Acc. $\pm$ 15%	1	ppb
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Pb	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Zn	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Ni	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

Report Comment:

Authorisation: Ray Wooldridge

Report Dated: 18/07/96



ASSAYCORP

ASSAY CODE: AC 30483

Page 1 of 2

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
--------	-------------	----------------	-------------	-------------	-------------	-------------	-------------

679703	<1		14	13	13	16	51
679704	<1	Gould	RAB.24	100	9	14	48
679705	<1		41	10	28	33	233
679706	<1		64	21	45	33	150
679707	1		85	18	66	52	206
679708	5		117	26	67	36	271
679709	<1		192	12	136	105	2100
679710	2		77	48	67	40	296
679711	1	1	29	7	47	37	210

EL 9382.



ASSAYCORP

ASSAY CODE: AC 30483

Page 2 of 2

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679712	<1		50	4	32	28	487
679713	1		40	16	90	41	557
679714	1		23	14	42	30	102
679715	2		50	20	33	37	1390
679716	1		45	2	94	69	722
679717	1	1	33	<2	102	77	1370
679718	1		66	4	84	56	1070
679719	1		64	6	95	50	1200
679720	1		53	<2	82	64	1090
679721	1		71	27	84	72	1360
679722	2		62	5	86	90	1350
679723	<1		59	<2	77	52	864
679724	2		214	15	56	71	779

EL 7382.



ASSAYCORP

Report Code: AC 30511

Samples Received: 13/07/96

Number of Samples: 40

Nicron Resources Ltd - Woodcutters Mine

Private Bag 80

Winnellie NT 0821

Assaycorp Pty Ltd

A.C.N. 052 982 911

174 Ward St

Pine Creek NT 0847

Ph (089) 76 1262

Fax (089) 76 1310

Report Distribution

Ian Butler

Reference: 10157

Project:

Cost Code:

Sample Preparation:

Assay Data:

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	1	ppb
Au(R)	FA50	Acc. $\pm$ 15%	1	ppb
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Pb	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Zn	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Ni	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

Gold Airstrip RAB

Report Comment:

Authorisation: Ray Wooldridge

Report Dated: 17/07/96



ASSAYCORP

ASSAY CODE: AC 30511

Page 1 of 2

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679725	1	1	43	<2	8	35	180
679726	2		73	8	60	54	520
679727	<1		6	15	3	5	190
679728	<1		20	42	7	16	85
679729	<1		27	10	6	10	54
679730	1		42	36	24	24	45
679731	<1		103	11	20	31	137
679732	1		13	16	7	10	15
679733	1	<1	23	25	4	11	15
679734	1		39	41	8	21	396
679735	2		71	55	10	48	520
679736	1		84	39	23	29	416
679737	1		31	5	7	14	19
679738	<1		10	16	5	10	18
679739	3	1	85	41	48	43	440
679740	1		24	48	4	20	23
679741	3	3	53	34	4	15	42
679742	1		54	15	13	24	141
679743	2		61	5	37	47	250
679744	4		32	24	25	37	188
679745	1		56	7	47	30	127
679746	1		12	26	3	8	23
679747	3		28	5	6	16	42
679748	2	2	71	14	50	52	2780
679749	1		32	3	52	59	417



ASSAYCORP

ASSAY CODE: AC 30511

Page 2 of 2

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Mn (ppm)
679750	2	2	69	3	90	69	1040
679751	2	2	69	47	36	51	500
679752	1		49	<2	83	73	790
679753	1		92	3	69	65	1510
679754	2		75	88	62	57	830
679755	1		78	45	77	102	2490
679756	1		113	16	151	99	660
679757	1		63	11	29	50	317
679758	1		130	112	75	74	570
679759	8	4	75	19	26	29	41
679760	2		75	21	23	45	61
679761	4		107	9	26	53	95
679762	1	2	105	16	29	65	164
679763	1		109	10	35	80	98
679764	<1		36	14	12	40	18