

**RL 1 / 2003**  
**ABERFOYLE HILL**

**NORTH EAST TASMANIA**

**ANNUAL REPORT**  
**PERIOD ENDING 30<sup>TH</sup> MAY 2007**

**VAN DIEMAN MINES PTY LIMITED**

**1<sup>st</sup> July 2007**

**PREPARED BY:**  
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Exploration and Development

## EXECUTIVE SUMMARY

During the past twelve months Van Dieman Mines (VDM) has continued to add to, and consolidate, the database of background information that supports the Great Northern Plains tin bearing ore resource. In conducting these works VDM was also able to add a considerable amount of drill and cultural data relating to the area encompassed by RL 1/2003, Aberfoyle Hill. The VDM survey staff have completed a pick-up of the McGregor's open cut and have commenced working on the area of the two Aberfoyle pits. As a result of those works VDM has now been able to construct basement topographic representations for the area of RL 1/2003.

These data, all in AMG55 projection and corrected to AHD (Australian Height Datum) in the "Z" coordinate are presented in spreadsheet format as Appendix 9.4.

The basement plot, Figure 5, indicates that much of the previously mined ground and ground remaining un-mined within RL 1/2003 rests on elevated basement immediately adjoining a deep marine basin to the north and the deeply incised modern Ringarooma River valley to the south and west. It now appears unlikely that any large volumes of cassiterite bearing alluvium exist within the tenement rather it is more likely that higher grade, smaller volume, dry mining targets will be delineated. Marine influence has been noted at many locations and recorded in old drill logs. This appears to indicate that many of the remaining shallow surface deposits may in fact result from marine strand or shore line reworking of tin bearing terrestrial alluvials.

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## 1.0 INTRODUCTION:

Previous work within this tenement by Mineral Holdings (Australia) Pty Ltd (MHAPL) including bulk sampling indicated that tin and sapphire bearing resources remain peripheral to the old Aberfoyle workings and between those workings and the McGregor's workings lying to the north east. Following transfer of the title to VDM in 2004 the company conducted a re-assessment of the MHAPL database and results of their test work. In late 2004 those data were reported as part of the VDM Prospectus for listing of the company on the AIM section of the London Stock Exchange. During 2005 and 2006 VDM continued to acquire old data from the Mineral Resources Tasmania archives and after conversion of results from "Imperial" to "Metric" units those data were added to the ever increasing regional database.

The VDM field survey crew has continued to pick-up old drill hole locations, pit locations and associated cultural heritage features such as dams and water races. The results of those works appear on Figure 7.

The company has recently acquired 2005 colour aerial photography and data now appears transposed onto that base. The results of the recent NETas airborne magnetic and radiometric survey are awaited with interest, it is proposed to present basement topographic information draped over air magnetic results.

DGPS survey work is ongoing and during the coming year will be supplemented with pre-feasibility data collection including cultural and Aboriginal heritage surveys, baseline water sampling and flora & fauna surveys.

## 2.0 LOCATION AND ACCESS:

The Aberfoyle Hill area is located in north eastern Tasmania in the Gladstone District approximately 90 kilometres north east of the northern City of Launceston. More specifically the cassiterite bearing estuarine and alluvial deposits are located approximately 7 km north-west of Gladstone and just north of the Ringarooma River.

The tenement is located almost totally within private land, Rushy Lagoon and Red Hill pastoral holdings. Location plans are presented here in three formats, on a 2005 vintage aerial photographic base (Figure 1), on 100K Topographic Mapping (Figure 2) and on SRTM Elevation Imagery (Figure 3).

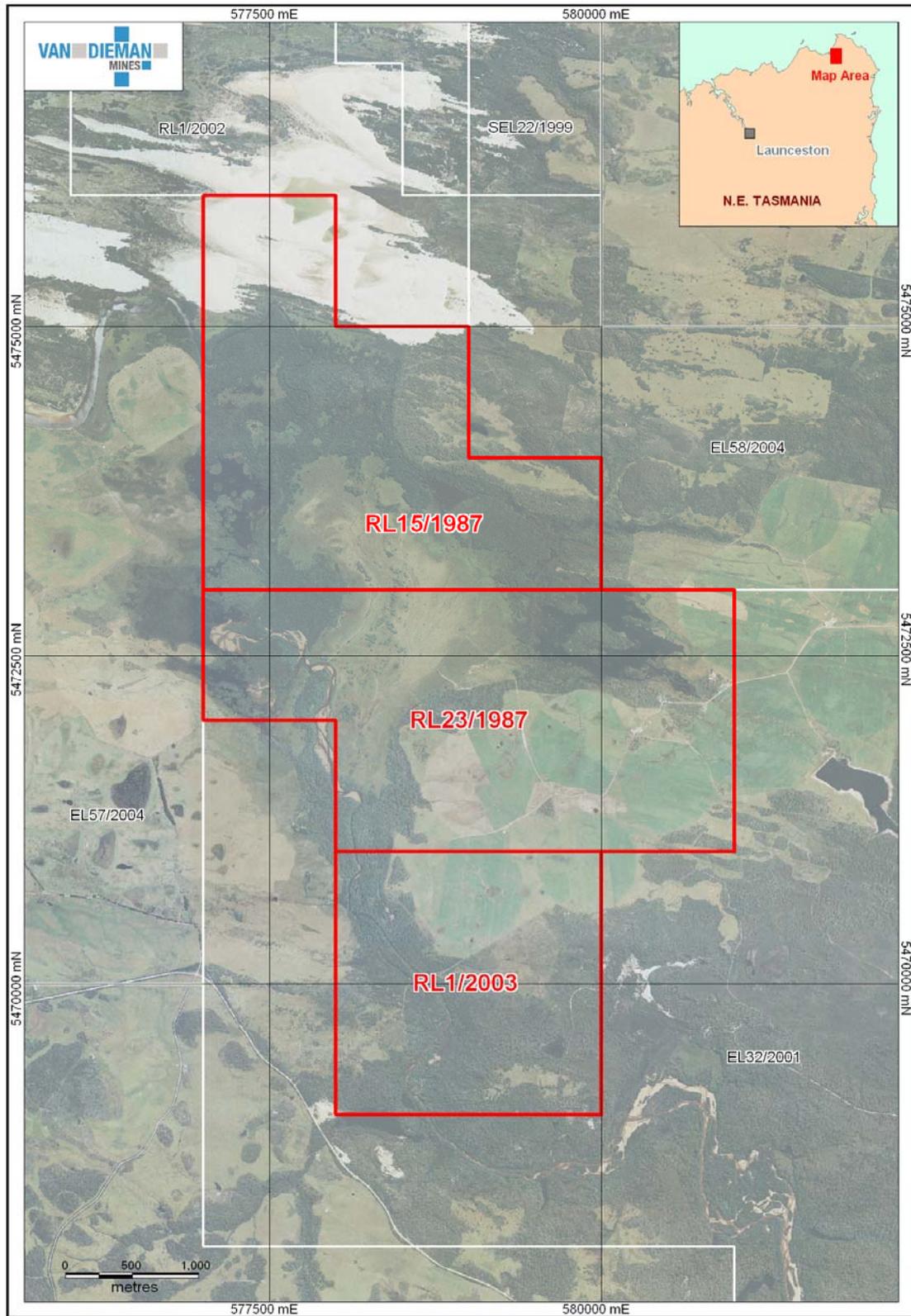


Figure 1 - Tenement Location Map (on aerial photography)

VDMmap0608-011

FIGURE 1

LOCATION PLAN, AIRPHOTO BASE

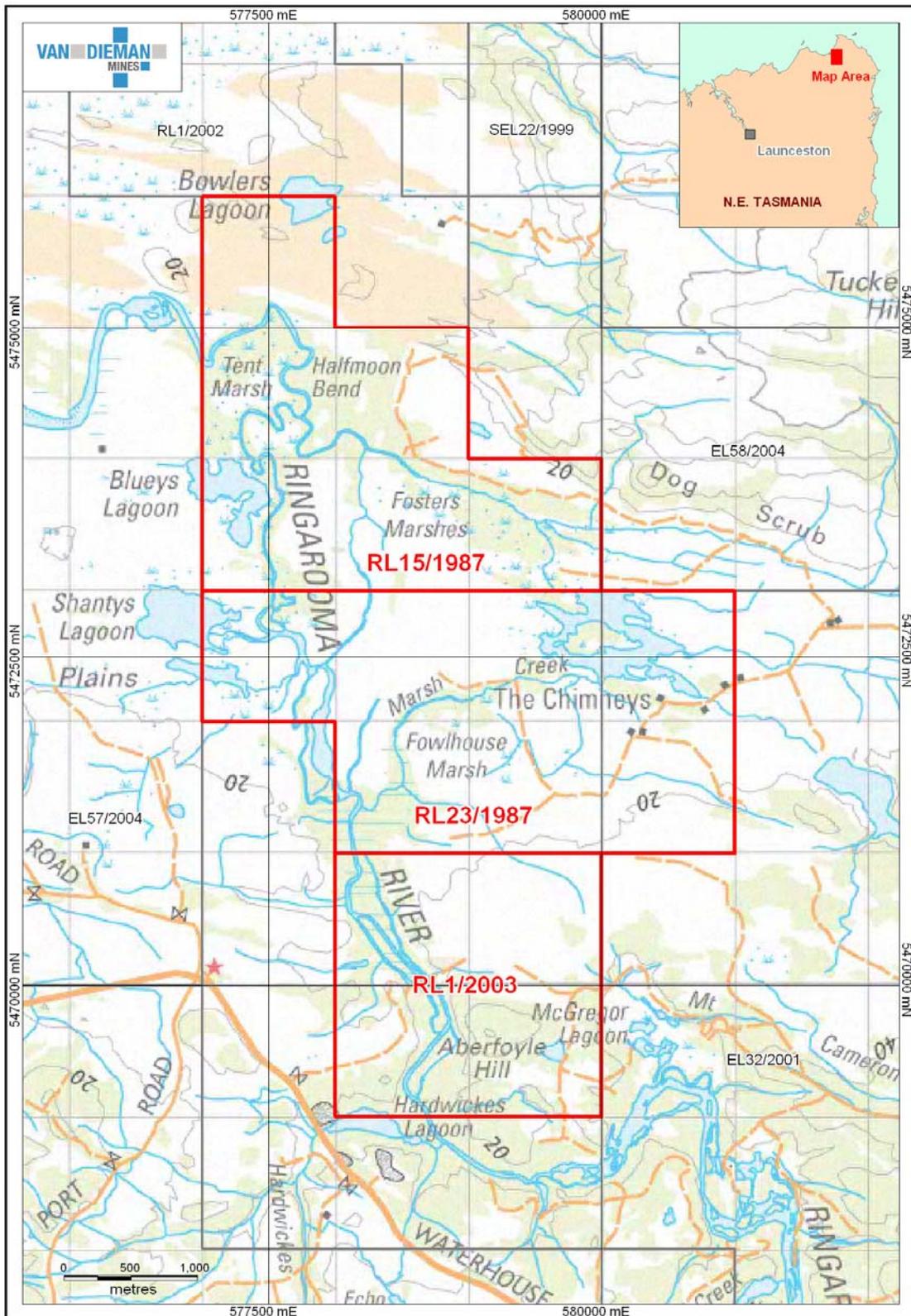
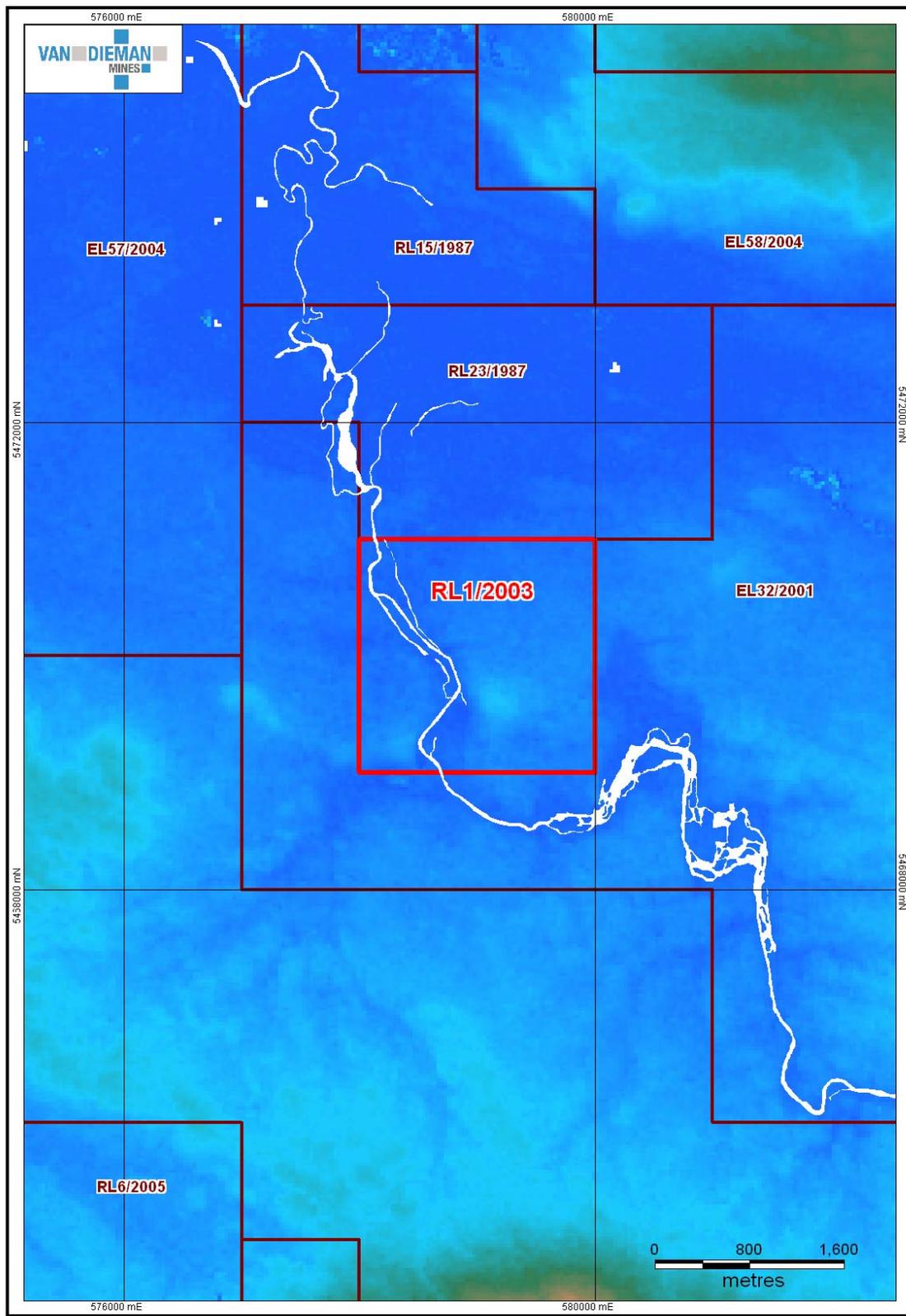


Figure 2 - Tenement Location Map (on 100K Topography)

VDMmap0608-011

FIGURE 2

LOCATION PLAN, TOPOGRAPHIC BASE



VDMmap0708-004

FIGURE 3 LOCATION PLAN, SRTM BASE

### 3.0 HISTORICAL BACKGROUND:

Alluvial tin was first worked in the Aberfoyle area in the early 1880's. For a number of those early years the main workings were controlled by the Aberfoyle Company and peripheral workings such as the Boomerang and Sea-Shell were operated by You Hen and other Chinese miners. The company has recently located several Chinese dwelling and camp areas along the south western edge of the Aberfoyle workings.

In 1906 the New Aberfoyle Company commenced operations and was succeeded in 1909 by the Aberroe Tin Mining Co. N. L. The latter group did not register its operations until 1912. Mining continued until around 1916 at which time many of the working faces were connected resulting in three main worked cuts; the Eastern, the Main and the Western or Curnow's workings.

There are no production records for the early production years up to 1906. From 1906 to 1916 the New Aberfoyle and Aberroe companies produced some 129.3 tons of concentrate with peak production of 22 tons occurring in 1910.

Development of these deposits was limited by water supply and operating hydraulic head. Water races were developed from the Boobyalla River and across the Ringarooma River by an inverted siphon system and from the Mt Cameron Water Race to a Government Dam just north east of the old workings.

In the period 1906 to 1916 the Mines Department conducted drilling on behalf of various parties around both the Aberfoyle and McGregor's workings. Many holes did not reach basement particularly a line of holes in the base of McGregor's workings while others peripheral to McGregor's pit encountered thin alluvium and marine sands resting on shallow basement.

It is doubtful if any further development occurred at Aberfoyle after 1916 probably due to a large fall in tin price after 1918. Tin prices dropped from £329 / ton in 1918 to £/ ton by 1922. After 1922 most work in the region was drill based, specifically:

- 1935 - Austral Malay drilled on the Great Northern Plains just north of Aberfoyle;
- 1955 - 56 - Dorset Tin Dredging investigated the area and drilled north and east of Aberfoyle looking for a dredge path onto the Great Northern Plains;
- 1958 - Rio Tinto Exploration drilled in the region but generally west and east of Aberfoyle;

- 1966 - Utah development conducted regional auger drilling in the general area and it is believed conducted some backhoe pitting near Aberfoyle;
- 1967 - The Mines Department drilled a line of holes just north of Aberfoyle from the Delta Workings eastward to the Scoloch Lead;
- 1971 - Portland Holdings carried out pitting and auger drilling in the immediate vicinity of the old alluvial workings:

Sea-Shell Workings	7 Channeled pits;
	1 Auger holes; and
	2 Percussion drill holes.
Curnow's Workings	2 Channeled pits; and
	1 Percussion drill hole.
Aberfoyle Hill	3 Pit samples; and
	3 Percussion drill holes.

Portland reported some excellent grades however their testing was not sufficient to define further resources or the directions in which the alluvial leads were trending.

- 1978 - Preussag Australia conducted work in the region including several lines of drill holes one of which was located just north of the Aberfoyle workings.

Since the Preussag drilling little further work was conducted in and around Aberfoyle until Mineral Holdings carried out pitting and bulk sampling along the northern edges of the old worked faces.

## 4.0 GEOLOGY:

Since acquiring tenure to this property VDM has continued to reassess the regional geological setting particularly as it pertains to the alluvial deposition during the Tertiary period. A Tertiary basement map prepared for the tenements adjoining to the north is presented as Figure 5. Recent additions to the VDM database will allow extension of this map into the Aberfoyle tenement.

### 4.1 REGIONAL SETTING:

It is not proposed to provide a detailed description of the older geological units, a brief outline of the nature of each major unit is provided, in tabulated form as Table 1 and a geological map as Figure 4.

The tabulation sets out the significance of each unit. It is the Tertiary units, in particular the basal sections, that are of economic significance as they contain the heavy mineral concentrations; cassiterite, tantalite, gold and sapphire being the most economically important.

The Tertiary marine embayment, first recognized by Mineral Holdings, is a significant local feature and appears to have hosted a number of regressive and transgressive phases during that period. The presence of the embayment is supported by drill data (Great Northern Plains drilling), by previous gravity geophysical surveys conducted by Shell Exploration in 1981 and by MRT aeromagnetic data.

Recent survey work and re-plotting of historical drill data indicates that both the McGregor's and Aberfoyle worked deposits are proximal to a pronounced basement high, See Figure 5. Marine sediments are reported from both workings and from several of the holes drilled peripheral to the workings. These results indicate that at least some of the shallow surficial cassiterite bearing deposits may have formed as a result of marine action, either shore or strand line reworking of the Tertiary cassiterite bearing terrestrial alluvials.

At the Aberfoyle West Pit, the marine or estuarine sequence is represented along the north edge of that pit at the "Sea Shell Face" and the terrestrial sequence along the southern edge of the same pit. Fine marine sands are recorded from drilling within the McGregor's pit.

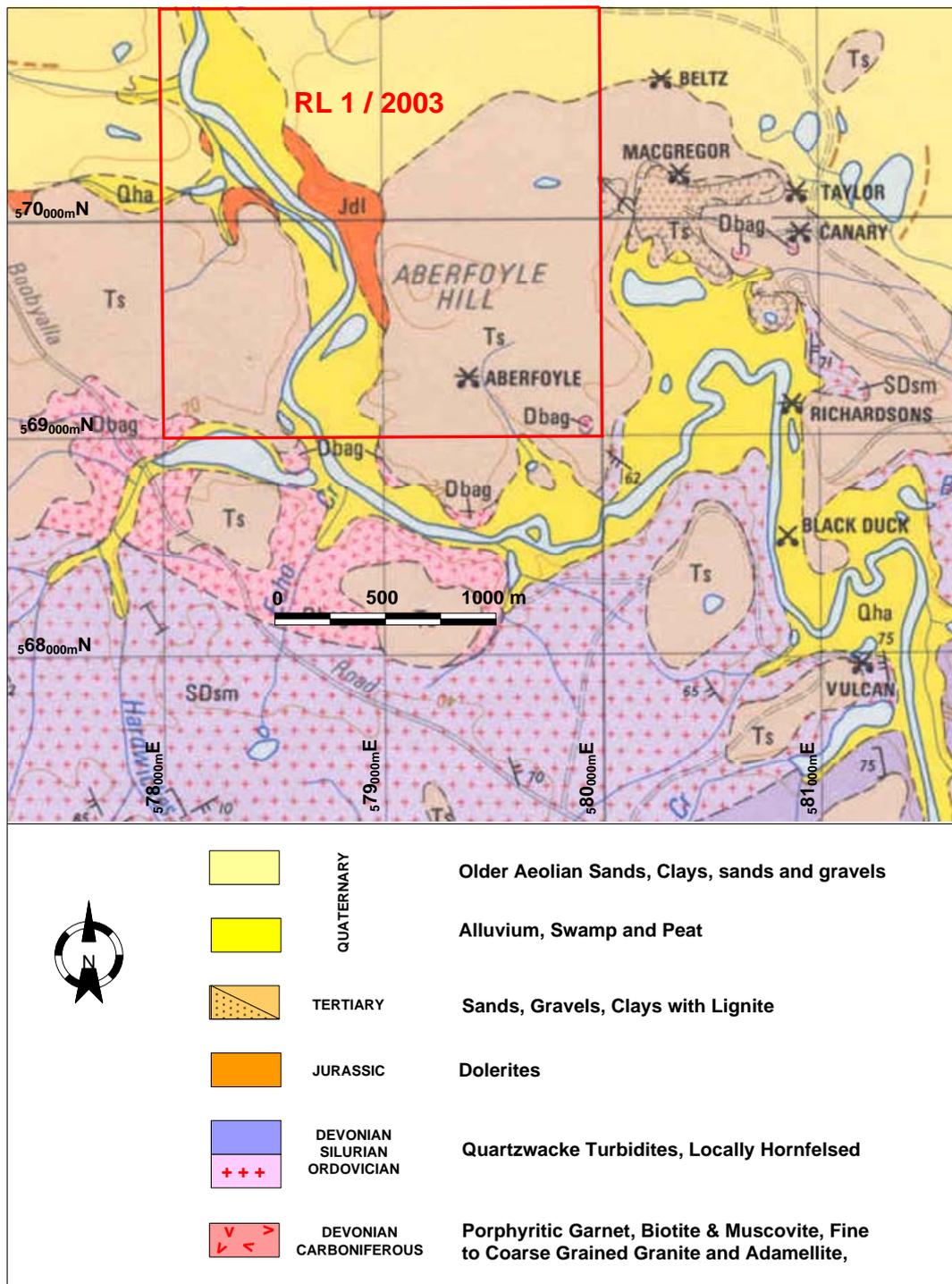


Figure 4 - Regional Geological Plan

FIGURE 4

REGIONAL GEOLOGICAL PLAN



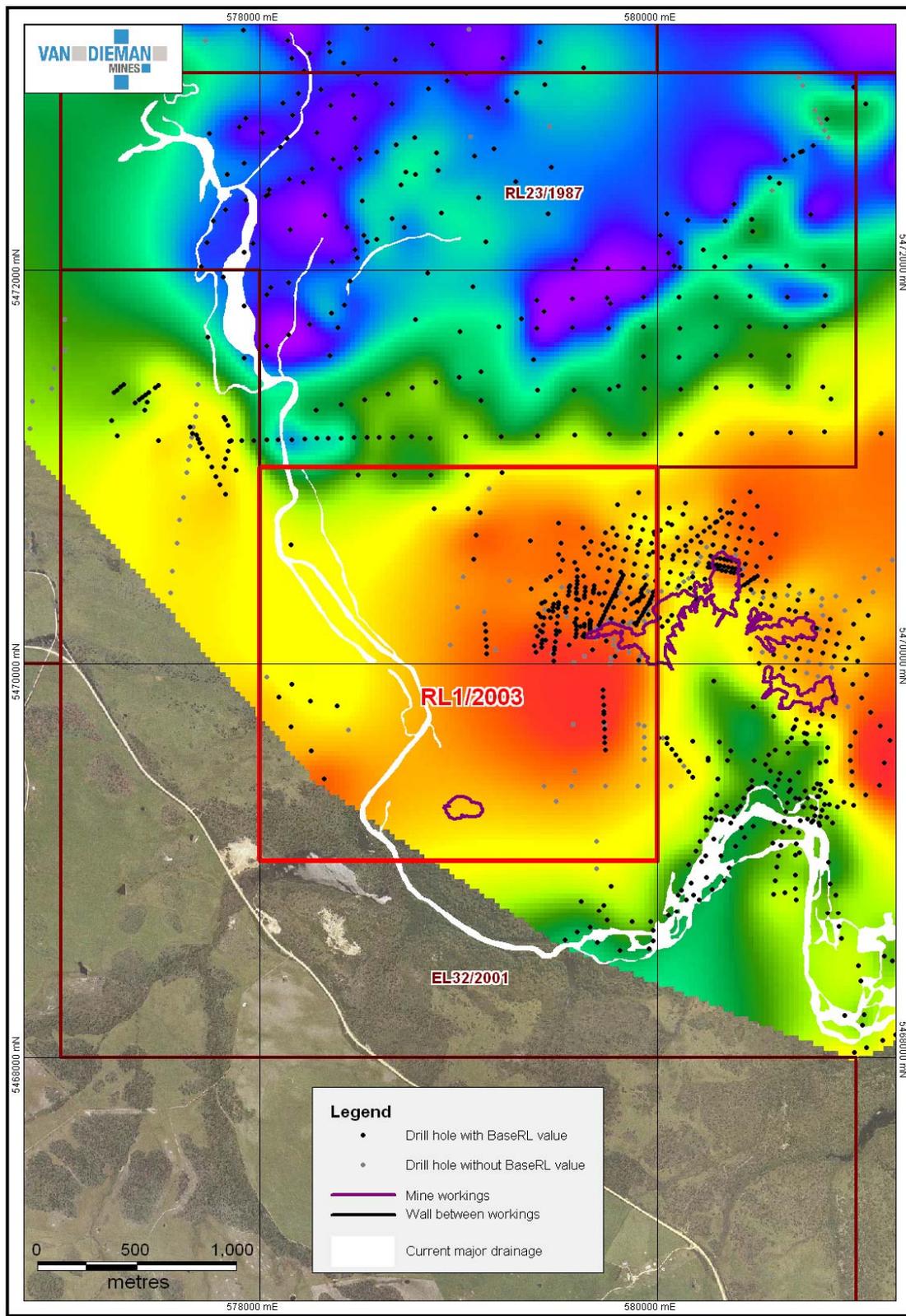


FIGURE 5 - DRILL HOLE AND BASEMENT TOPOGRAPHIC PLAN

## 4.2 THE RESOURCE:

Previous test pitting peripheral to, and immediately north of, the old workings at McGregor's and Aberfoyle yielded significant alluvial tin values. It has proved difficult however to create any resource outline in that area due in part to the failure of past programs to adequately locate the test pits and drill holes. In addition, there is some doubt that many of the holes immediately north and west of McGregor's pit failed to reach basement. Old drill logs indicate that drillers had difficulty in defining the difference between coarse granite based alluvial sands and granite basement. There does however appear to be a shallow zone of tin bearing alluvium developed around and to the south and the east of Aberfoyle Hill, between that hill and McGregor's pit, see Figure 6. Drill hole locations are depicted on Figure 7.

Field work indicates that the resources in the Aberfoyle area are not deep and rarely exceed 6 metres to basement. This shallow depth would suit auger (Calweld) drilling or pitting as a testing method. Further, the area with its high basal grades and shallow depths, appears suited to small scale alluvial mine development, that is strip and fill type mining using a mobile plant of somewhere in the 50 m<sup>3</sup> per hour capacity range.

It is likely that the postulated resource depicted in Figure 6 deepens in the north near the boundary with RL 15 / 1987. Further work in interpreting old data from that area is also underway.

Current work by the company is being focused on accurate location of old data, in particular holes and test pits and when complete the evaluation of those results will aid in planning further test drilling and pitting.

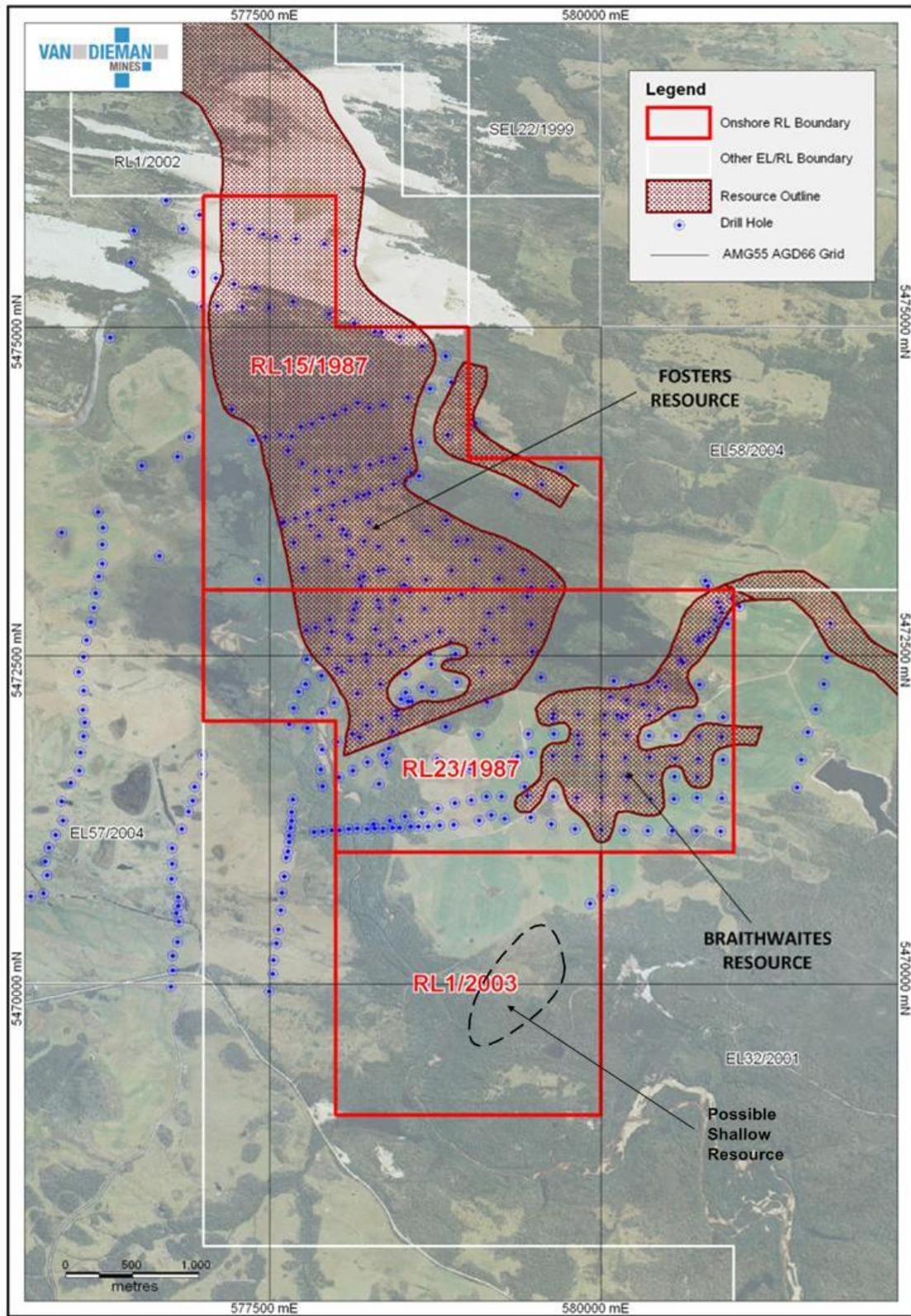


FIGURE 6

RESOURCE LOCATION PLAN

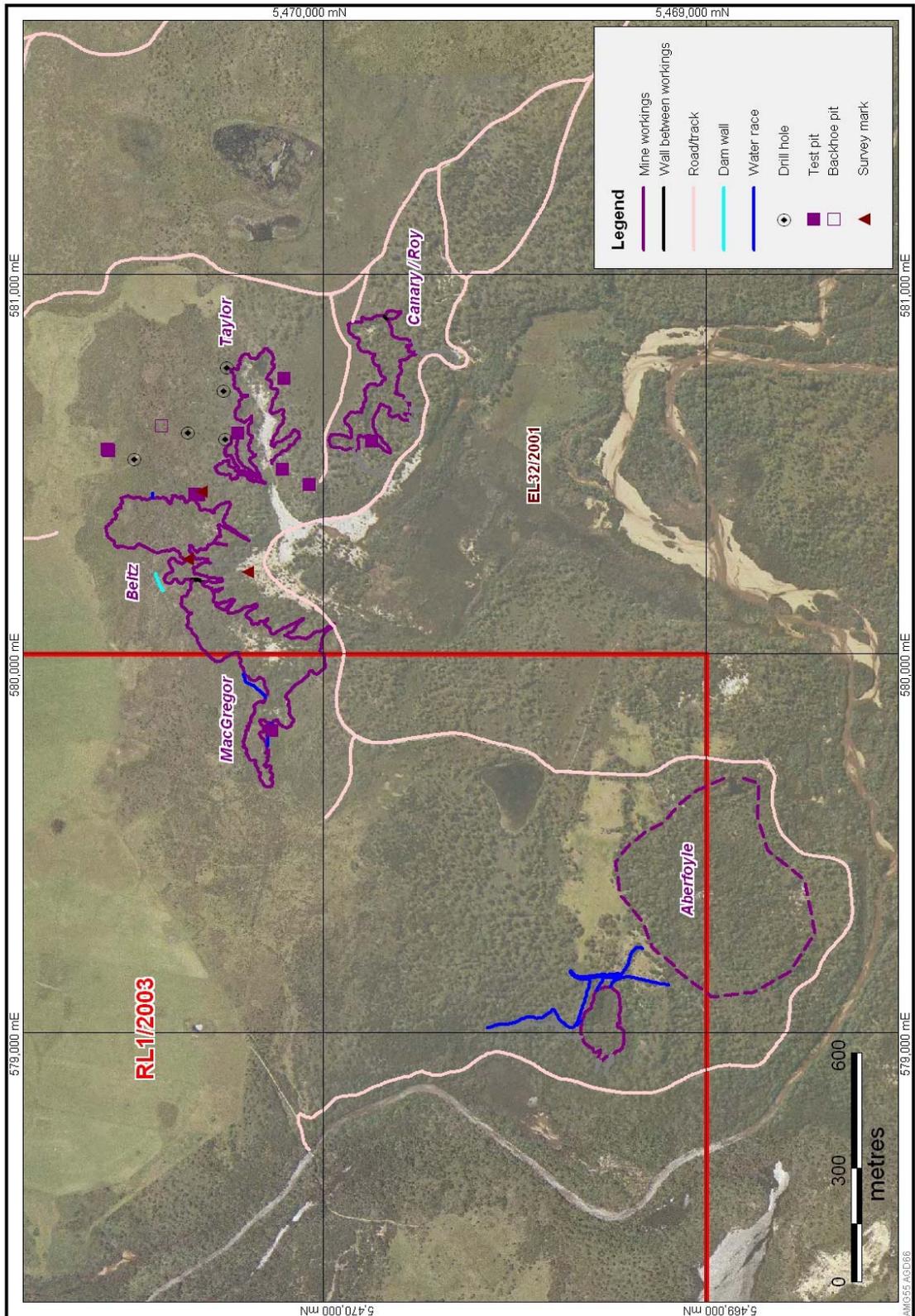


FIGURE 7 DGPS LOCATION PLAN

## 5.0 DISCUSSION:

One of the major difficulties in preparing the database has been the lack of accuracy in digitizing features from old archival paper maps. A considerable amount of data were generated during the period 1900 to 1956 however all is not readily transferable onto current map format. Field location of old test pits and drill holes has proved very difficult and time consuming. Most of the holes have become obscured due to farming activity or by thick vegetation re-growth. The company has embarked on an active drill hole location program using the DGPS to “back locate” holes in the field. This has met with some success however it would appear that many old locations are based on sketch type map plots rather than accurate field survey pick-ups. On more than one occasion holes have been located after considerable search time 50 m or more out of previously plotted position. All new information is being progressively added to the database as is more archival data derived from MRT files.

Using recent accurate DGPS drill hole locations VDM has begun to correct old data and once reasonable confidence levels have been achieved the resource volumes will be recalculated using suitable mining software. While it is possible to correct the “X” and “Y” coordinates of most holes with some degree of accuracy the same cannot be said for the “Z” coordinate. Within any one of the old drill programs there appear to have been several different RL datum points used, none of the “Z” coordinates appear to have been related to State survey points. VDM has managed to correct some information however this has been a time consuming exercise and until +70% of the holes are considered accurately located any advance of the orebody from a resource to a reserve will be difficult.

Results of GPR and seismic surveys within EL’s 32 / 2001 and 59 / 2005 were disappointing and it is doubtful if the techniques will be of any use in better defining bedrock within this tenement. The shallow deposits of the Aberfoyle area are better suited to drill type exploration programs.

## 6.0 PROPOSED EXPLORATION PROGRAM:

VDM plans to continue its data acquisition during the coming year (2007 -2008) and in broad terms proposes to commence work to better delineate the resource. Further the company is mindful of a number of development issues. Activities relating to those issues will be commenced during the year and surveys such as “water quality” conducted on regular schedule basis.

Specifically the exploration program will involve:

➤ GPS Surveying:

Location of old drill holes and pits will continue and this work will be supported by DGPS survey pick-up. Data will be transferred to the VDM database and used to adjust old survey data. In addition the field crew will continue to locate and pick-up cultural historical features such as old pits, tracks, water races and dams. This work is well advanced.

➤ Testing:

Drilling or shallow excavator pitting appear to be the most suitable exploration tools available. In order to adequately test for both tin and sapphire content some form of bulk sampling will be required. While pitting provides larger samples so do several drill techniques such as large diameter augering and Calweld drilling. The latter was used successfully by Santos / Hellyer in the 1970's.

➤ Admin. and Reporting:

Much of the GIS work is conducted out of the Sydney office and thus travel costs will form part of the GIS budget.

Estimated exploration costs for the year 2007 - 2008 are:

• Field Surveying	\$15,000.00
• Testing	
Drilling / Pitting	\$30,000.00
Bulk Sample Processing	\$15,000.00
• Travel	\$5,000.00
• Administration	\$3,000.00
<b>TOTAL</b>	<b>\$68,000.00</b>

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## 8.0 APPENDICES

## 8.1 TESTING RESULTS, PORTLAND HOLDINGS, 1971

AREA	HOLE NUMBER	DESCRIPTION	TIN Lb / y <sup>3</sup>
CURNOWS	4C	Northern side of old workings, 1.5 feet of wash	1.2
	5C	Northern side of old workings, 2.0 feet of wash	5.6
	B10	Percussion Drill Hole, 43 feet deep Part of sample lost	
SOUTH-EAST OF ABERFOYLE HILL	18 b/c	0 to 7 feet wash, 2 chains west of B5	0.45
	18 a/c	0 to 7 feet wash, 2 chains west of B5	0.57
	20C	0 to 2 feet wash, 3 chains west of B5	0.40
	B9	Percussion Drill Hole near 18 and 20, 17 ft deep	1.2
	B5	Percussion Drill Hole 0 to 15 ft gravel, 45 ft deep	0.1
	B6	Percussion Drill Hole 55 ft deep	trace
ABERFOYLE WORKINGS	6C	1 to 5 feet of top level wash, North side	0.94
	7C	2.0 feet of wash under 6C	3.96
	8C	10.0 feet was same place as ^c and 7C	1.48
	9C	9.0 feet wash and sand 1.5 chains SW of 8C	0.95
	10C	0 to 9.0 feet, 3 chains west of 8C	0.58
	11C	0 to 8.0 feet, 1.5 chains south of 10C	0.55
	12C	1 foot wash near bottom, 2.5 chains SW of 11C	3.50
	8	Auger Hole, 0 to 6 feet. 0.5 chains north of 9C	
	9	Auger Hole, 0 to 3.56 feet. 2.0 chains north of 9C	
	10	Auger Hole, 0 to 7 feet. 1.5 chains west of 8	
	11	Auger Hole, 0 to 6 feet. SW of 10	
	B7	Percussion Drill Hole, 2 chains north of old workings	0.1
	B8	Percussion Drill Hole, 43 ft deep	0.1

From Table 1 - Report On The Alluvial Tin Bearing Area Held By Portland Holdings Pty., Ltd. On The Great Northern Plain Near Gladstone In North-east Tasmania  
P.B.Nye, 1971



## 8.3 HISTORICAL DRILL LOGS - ROACH 1917:

VAN DIEMAN MINES		HISTORICAL DRILL LOGS			LITHOLOGIC AND GRADE		
SOURCE: MRT		MRT FILE #:		DATE: 1917			
DRILLER: H. T. Roach		LOCATION: McGregors North		LEASE #: 6620M			
LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
1	1	0	0.46	0.46		Topsoil	
		0.46	1.07	0.61		Cement	
		1.07	3.05	1.98		Gravel	
		3.05	4.42	1.37		Sand	
		4.42	5.33	0.91		Wash & Sand	
		5.33	5.64	0.31		Sand Bottom	
					5.64		
	GRADE	0	5.33	5.33	Trace		
1	2	0	0.46	0.46		Topsoil	
		0.46	1.07	0.61		Cement	
		1.07	3.51	2.44		Gravel	
		3.51	4.57	1.06		Sand	
		4.57	5.33	0.76		Wash & Sand	
		5.33	5.94	0.61		Sand Bottom	
					5.94		
	GRADE	0	5.33	5.33	Trace		
1	3	0	0.61	0.61		Topsoil	
		0.61	1.07	0.46		Cement	
		1.07	3.96	2.89		Gravel	
		3.96	4.72	0.76		Sand	
		4.72	6.10	1.38		Wash & Sand	
		6.10	6.86	0.76		Sand Bottom	
					6.86		
	GRADE	0	6.10	6.10	Trace		
1	4	0	0.61	0.61		Topsoil	
		0.61	1.07	0.46		Cement	
		1.07	3.66	2.59		Gravel	
		3.66	5.18	1.52		Sand	
		5.18	5.79	0.61		Wash & Sand	
		5.79	6.86	1.07		Sand Bottom	
					6.86		
	GRADE	0	5.79	5.79	Trace		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT  
DRILLER: H. T. Roach

MRT FILE #:  
LOCATION: McGregors North

DATE: 1917  
LEASE #: 6620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY		
		FROM m	TO m	INT m				
1	5	0	0.76	0.76		Topsoil		
		0.76	1.22	0.46		Cement		
		1.22	3.66	2.44		Gravel		
		3.66	5.03	1.37		Sand		
		5.03	5.49	0.46		Wash & Sand		
		5.49	6.25	0.76		Sand Bottom		
		GRADE	0	5.49	5.49	59.33		
1	6	0	0.61	0.61		Topsoil		
		0.61	1.07	0.46		Cement		
		1.07	2.59	1.52		Gravel		
		2.59	4.11	1.52		Sand		
		4.11	4.72	0.61		Wash & Sand		
		4.72	5.49	0.77		Sand Bottom		
		GRADE	0	4.72	4.72	166.11		
1	7	0	0.61	0.61		Topsoil		
		0.61	1.07	0.46		Cement		
		1.07	2.59	1.52		Gravel		
		2.59	4.11	1.52		Sand		
		4.11	4.72	0.61		Wash & Sand		
		4.72	5.18	0.46		Sand Bottom		
		GRADE	0	4.72	4.72	183.92		
1	8	0	0.61	0.61		Topsoil		
		0.61	1.07	0.46		Cement		
		1.07	2.59	1.52		Gravel		
		2.59	4.11	1.52		Sand		
		4.11	4.72	0.61		Wash & Sand		
		4.72	5.47	0.75		Sand Bottom		
		GRADE	0	4.72	4.72	278.84		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT  
DRILLER: H. T. Roach

MRT FILE #:  
LOCATION: McGregors North

DATE: 1917  
LEASE #: 6620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
1	9	0	1.07	1.07		Topsoil	
		1.07	1.52	0.45		Cement	
		1.52	2.74	1.22		Gravel	
		2.74	4.11	1.37		Sand	
		4.11	4.42	0.31		Wash & Sand	
		4.42	5.64	1.22		Sand Bottom	
					5.64		
	GRADE	0	4.42	4.42	100.86		
1	10	0	0.61	0.61		Topsoil	
		0.61	1.07	0.46		Cement	
		1.07	4.11	3.04		Gravel	
		4.11	5.64	1.53		Wash & Sand	
		5.64	6.71	1.07		Sand Bottom	
					6.71		
			GRADE	0	5.64	5.64	237.31
2	12	0	0.46	0.46		Topsoil	
		0.46	1.07	0.61		Cement	
		1.07	3.05	1.98		Gravel	
		3.05	4.27	1.22		Sand	
		4.27	5.18	0.91		Wash & Sand	
		5.18	6.71	1.53		Sand Bottom	
					6.71		
	GRADE	0	5.18	5.18	94.92		
	13	0	0.46	0.46		Topsoil	
		0.46	1.07	0.61		Cement	
		1.07	3.05	1.98		Gravel	
		3.05	4.57	1.52		Sand	
		4.57	5.03	0.46		Wash & Sand	
		5.03	6.55	1.52		Sand Bottom	
					6.55		
	GRADE	0	5.03	5.03	77.13		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT                      MRT FILE #:                      DATE: 1917  
 DRILLER: H. T. Roach                      LOCATION: McGregors North                      LEASE #: 6620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
2	14	0	0.61	0.61		Topsoil
		0.61	0.91	0.30		Cement
		0.91	3.96	0.30		Gravel
		3.96	4.88	0.92		Wash & Sand
		4.88	6.71	2.13		Sand Bottom
		GRADE	0	4.88	4.88	112.72
2	15	0	0.61	0.61		Topsoil
		0.61	1.07	0.46		Cement
		1.07	4.27	3.20		Sand
		4.27	4.72	0.45		Wash & Sand
		4.72	6.10	1.38		Sand Bottom
		GRADE	0	4.72	4.72	213.58
2	16	0	0.61	0.61		Topsoil
		0.61	0.91	0.30		Cement
		0.91	4.42	3.51		Gravel
		4.42	4.72	0.30		Wash & Sand
		4.72	5.94	1.22		Sand Bottom
		GRADE	0	4.72	4.72	112.72
4	23	0	0.61	0.61		Topsoil
		0.61	0.76	0.15		Cement
		0.76	1.37	0.61		Gravel
		1.37	4.72	3.35		Sand
		4.72	4.88	0.16		Wash & Sand
		4.88	5.18	0.30		Marine Clay Bottom ? Dolerite
GRADE	0	4.88	4.88	Trace		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT

MRT FILE #: 9 - 606

DATE: Post 1916

DRILLER: H. T. Roach

LOCATION: McGregors North

LEASE #: 7620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
4	24	0	0.46	0.46		Topsoil
		0.46	0.61	0.15		Cement
		0.61	3.51	2.90		Sand
		3.51	3.96	0.45		Wash & Sand
		3.96	4.88	0.92		Clayey Gravel
		4.88	5.49	0.61		Marine Clay Bottom ? Dolerite
					5.49	
	GRADE	0	4.88	4.88	Trace	
4	25	0	0.46	0.46		Topsoil
		0.46	0.61	0.15		Cement
		0.61	0.91	0.30		Gravel
		0.91	4.27	3.36		Sand
		4.27	4.57	0.30		Wash & Sand
		4.57	4.88	0.31		Clayey Gravel
		4.88	5.18	0.30		Clay
		5.18	5.64	0.46		Marine Clay Bottom ? Dolerite
			5.64			
	GRADE	0	5.18	5.18	Trace	
4	26	0	0.30	0.30		Topsoil
		0.30	3.20	2.90		Gravel
		3.20	4.72	1.52		Sand
		4.72	5.33	0.61		Wash & Sand
		5.33	6.10	0.77		Marine Clay Bottom ? Dolerite
				6.10		
	GRADE	0	5.33	5.33	94.92	
4	27	0	0.30	0.30		Topsoil
		0.30	0.45	0.15		Cement
		0.45	1.83	1.38		Sand
		1.83	3.51	1.68		Wash & Sand
		3.51	4.88	1.37		Sandy Clay
		4.88	5.94	1.06		Clay
		5.94	6.25	0.31		Marine Clay Bottom ? Dolerite
			6.25			
	GRADE	0	5.94	5.94	118.66	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT  
DRILLER: H. T. Roach

MRT FILE #: 9 - 606  
LOCATION: McGregors North

DATE: Post 1916  
LEASE #: 7620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
4	28	0	0.46	0.46		Topsoil	
		0.46	0.61	0.15		Cement	
		0.61	1.52	0.91		Gravel	
		1.52	3.81	2.29		Sand	
		3.81	5.49	1.68		Wash & Sand	
		5.49	5.79	0.30		Sandy Clay	
		5.79	7.16	1.37		Drift	
		7.16	7.62	0.46		Marine Clay Bottom ? Dolerite	
					7.62		
		GRADE	0	7.16	7.16	124.59	
4	29	0	0.15	0.15		Topsoil	
		0.15	3.96	3.81		Gravel	
		3.96	7.77	3.81		Sand	
		7.77	7.92	0.15		Wash	
		7.92	8.38	0.46		Marine Clay Bottom ? Dolerite	
					8.38		
		GRADE	0	7.92	7.92	Trace	
4	30	0.00	0.30	0.30		Topsoil	
		0.30	4.57	4.27		Gravel	
		4.57	6.40	1.83		Clay	
		6.40	7.01	0.61		Wash	
		7.01	7.47	0.46		Marine Clay Bottom ? Dolerite	
					7.47		
		GRADE	0	7.01	7.01	59.33	
4	31	0.00	0.30	0.30		Topsoil	
		0.30	2.59	2.29		Sand	
		2.59	4.11	1.52		Wash & Sand	
		4.11	5.79	1.68		Loam	
		5.79	6.10	0.31		Marine Clay Bottom ? Dolerite	
					6.10		
		GRADE	0	5.79	5.79	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT  
DRILLER: H. T. Roach

MRT FILE #: 9 - 606  
LOCATION: McGregors North

DATE: Post 1916  
LEASE #: 7620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
4	32	0	0.46	0.46		Topsoil
		0.46	3.20	2.74		Sand
		3.20	4.72	1.52		Wash & Sand
		4.72	5.18	0.46		Sandy Clay
		5.18	5.49	0.31		Loam
		5.49	5.94	0.45		Marine Clay Bottom ? Dolerite
					5.94	
	GRADE	0	5.49	5.49	106.79	
4	33	0	0.15	0.15		Topsoil
		0.15	1.83	1.68		Sand
		1.83	3.51	1.68		Wash & Sand
		3.51	3.96	0.45		Sandy Clay
		3.96	5.49	1.53		Clay
		5.49	5.79	0.30		Marine Clay Bottom ? Dolerite
					5.79	
	GRADE	0	5.49	5.49	219.51	
4	34	0.00	0.46	0.46		Topsoil
		0.46	2.29	1.83		Sand
		2.29	4.11	1.82		Wash & Sand
		4.11	4.72	0.61		Sandy Clay
		4.72	5.33	0.61		Clay
		5.33	5.49	0.16		Marine Clay Bottom ? Dolerite
					5.49	
	GRADE	0	5.33	5.33	439.02	
5	35	0.00	0.15	0.15		Topsoil
		0.15	3.35	3.20		Sand
		3.35	4.27	0.92		Sandy Clay
		4.27	5.18	0.91		Clay
		5.18	5.33	0.15		Wash
		5.33	5.79	0.46		Pug
		5.79	5.94	0.15		Marine Clay Bottom ? Dolerite
			5.94			
	GRADE	0	5.79	5.79	62.26	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT  
DRILLER: H. T. Roach

MRT FILE #: 9 - 606  
LOCATION: McGregors North

DATE: Post 1916  
LEASE #: 7620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
5	36	0.00	0.30	0.30		Topsoil
		0.30	3.05	2.75		Gravel
		3.05	4.57	1.52		Sand
		4.57	5.79	1.22		Clay
		5.79	5.94	0.15		Marine Clay Bottom ? Dolerite
					5.94	
	GRADE	0	5.79	5.79	71.19	
5	37	0.00	0.30	0.30		Topsoil
		0.30	2.44	2.14		Gravel
		2.44	4.57	2.13		Sand
		4.57	5.79	1.22		Clay
		5.79	5.94	0.15		Marine Clay Bottom ? Dolerite
					5.94	
	GRADE	0	5.79	5.79	124.59	
5	38	0.00	0.30	0.30		Topsoil
		0.30	2.44	2.14		Gravel
		2.44	3.05	0.61		Sand
		3.05	4.42	1.37		Wash & Sand
		4.42	5.49	1.07		Sandy Clay
		5.49	5.94	0.45		Marine Clay Bottom ? Dolerite
			5.94			
	GRADE	0	5.49	5.49	237.31	
5	39	0.00	0.30	0.30		Topsoil
		0.30	2.59	2.29		Gravel
		2.59	4.88	2.29		Sand
		4.88	5.18	0.30		Clay
		5.18	5.64	0.46		Marine Clay Bottom ? Dolerite
					5.64	
	GRADE	0	5.18	5.18	729.73	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT  
DRILLER: H. T. Roach

MRT FILE #: 9 - 606  
LOCATION: McGregors North

DATE: Post 1916  
LEASE #: 7620M

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
5	40	0.00	0.30	0.30		Topsoil
		0.30	2.44	2.14		Sand
		2.44	2.90	0.46		Clay
		2.90	3.96	1.06		Drift
		3.96	4.11	0.15		Pug
		4.11	4.42	0.31		Marine Clay Bottom ? Dolerite
					4.42	
	GRADE	0	4.11	4.11	124.59	
5	41	0.00	0.91	0.91		Topsoil
		0.91	2.44	1.53		Gravel
		2.44	2.74	0.30		Sand
		2.74	2.90	0.16		Clay
		2.9	3.58	0.68		Drift
		3.58	3.81	0.23		Marine Clay Bottom ? Dolerite
					3.81	
	GRADE	0	3.58	3.58	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
7	45	0	0.46	0.46		Topsoil
		0.46	0.76	0.30		Cement
		0.76	1.07	0.31		Sandy Clay
		1.07	2.29	1.22		Gravel
		2.29	3.20	0.91		Sand
		3.2	3.81	0.61		Sand & Wash with Basement
		3.81	4.27	0.46		Marine Bottom
			4.27			
	GRADE	0	3.81	3.81	284.77	
7	46	0	0.31	0.31		Topsoil
		0.31	0.76	0.45		Cement
		0.76	1.83	1.07		Gravel
		1.83	2.44	0.61		Sand
		2.44	2.74	0.30		Sand & Wash with Basement
		2.74	2.90	0.16		Sand & Wash
		2.90	3.81	0.91		Marine Bottom
			3.81			
	GRADE	0	2.90	2.90	332.23	
7	47	0	0.31	0.31		Topsoil
		0.31	0.91	0.60		Cement
		0.91	1.98	1.07		Sandy Clay
		1.98	2.74	0.76		Sand
		2.74	3.20	0.46		Sand & Wash
		3.20	3.66	0.46		Marine Bottom
					3.66	
	GRADE	0	3.20	3.20	367.83	
7	48	0	0.46	0.46		Topsoil
		0.46	1.37	0.91		Gravel
		1.37	3.35	1.98		Sand
		3.35	4.57	1.22		Clay
		4.57	5.18	0.61		Marine Bottom
					5.18	
	GRADE	0	4.57	4.57	166.12	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
8	49	0	0.31	0.31		Topsoil
		0.31	2.29	1.98		Gravel
		2.29	3.51	1.22		Sand
		3.51	5.33	1.82		Clay
		5.33	5.79	0.46		Wash
		5.79	6.10	0.31		Marine Bottom
				6.1		
	GRADE	0	5.79	5.79	83.06	
8	50	0	0.31	0.31		Topsoil
		0.31	2.13	1.82		Gravel
		2.13	3.96	1.83		Sand
		3.96	5.33	1.37		Clay
		5.33	5.94	0.61		Marine Bottom
						5.94
	GRADE	0	5.33	5.33	Trace	
9	51	0	0.46	0.46		Topsoil
		0.46	4.27	3.81		Sand
		4.27	4.42	0.15		Clay
		4.42	4.57	0.15		Marine Bottom
						4.57
	GRADE	0	4.42	4.42	Trace	
9	52	0	0.15	0.15		Topsoil
		0.15	0.76	0.61		Sandy Clay
		0.76	2.29	1.53		Gravel
		2.29	4.27	1.98		Sand
		4.27	4.57	0.30		Marine Bottom
						4.57
	GRADE	0	4.27	4.27	154.25	
9	53	0	0.15	0.15		Topsoil
		0.15	1.68	1.53		Gravel
		1.68	3.05	1.37		Sand
		3.05	3.96	0.91		Clay
		3.96	4.27	0.31		Marine Bottom
						4.27
	GRADE	0	3.96	3.96	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
10	54	0	0.31	0.31		Topsoil	
		0.31	0.91	0.60		Gravel	
		0.91	2.74	1.83		Sand	
		2.74	3.81	1.07		Clay	
		3.81	3.96	0.15		Pug	
		3.96	5.18	1.22		Drift	
		5.18	5.79	0.61		Gravel Wash	
		5.79	6.10	0.31		Marine Bottom	
			6.10				
	GRADE	0	5.79	5.79	Trace		
11	55	0	0.46	0.46		Topsoil	
		0.46	0.91	0.45		Cement	
		0.91	2.13	1.22		Gravel	
		2.13	3.66	1.53		Sand	
		3.66	4.27	0.61		Clay	
		4.27	4.72	0.45		Marine Bottom	
					4.72		
	GRADE	0	4.27	4.27	Trace		
11	56	0	0.46	0.46		Topsoil	
		0.46	2.13	1.67		Gravel	
		2.13	3.66	1.53		Sand	
		3.66	4.88	1.22		Clay	
		4.88	5.33	0.45		Marine Bottom	
					5.33		
			GRADE	0	4.88	4.88	Trace
11	57	0	0.76	0.76		Topsoil	
		0.76	2.29	1.53		Gravel	
		2.29	4.27	1.98		Sand	
		4.27	5.33	1.06		Clay	
		5.33	5.64	0.31		Marine Bottom	
					5.64		
			GRADE	0	5.33	5.33	Trace



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
11	58	0	0.31	0.31		Topsoil	
		0.31	2.13	1.82		Sand	
		2.13	3.2	1.07		Clay	
		3.2	3.35	0.15		Pug	
		3.35	5.64	2.29		Drift	
		5.64	5.79	0.15		Clayey Gravel	
		5.79	6.25	0.46		Marine Bottom	
					6.25		
	GRADE	0	5.79	5.79	59.33		
11	59	0	0.31	0.31		Topsoil	
		0.31	0.91	0.60		Gravel	
		0.91	3.66	2.75		Sand	
		3.66	5.49	1.83		Clay	
		5.49	5.79	0.30		Wash	
		5.79	6.10	0.31		Marine Bottom	
					6.10		
			GRADE	0	5.79	5.79	Trace
11	60	0	0.31	0.31		Topsoil	
		0.31	1.52	1.21		Sandy Clay	
		1.52	1.83	0.31		Gravel	
		1.83	3.66	1.83		Sand	
		3.66	4.27	0.61		Sand & Wash	
		4.27	5.79	1.52		Clay	
		5.79	6.10	0.31		Marine Bottom	
					6.10		
	GRADE	0	5.79	5.79	Trace		
11	61	0	0.31	0.31		Topsoil	
		0.31	0.76	0.45		Sandy Clay	
		0.76	1.83	1.07		Gravel	
		1.83	3.81	1.98		Sand	
		3.81	4.11	0.30		Sand & Wash	
		4.11	5.49	1.38		Clay	
		5.49	5.79	0.30		Marine Bottom	
					5.79		
	GRADE	0	5.49	5.49	Trace		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
11	62	0	0.46	0.46		Topsoil	
		0.46	0.91	0.45		Cement	
		0.91	1.68	0.77		Gravel	
		1.68	3.35	1.67		Sand	
		3.35	3.81	0.46		Sand & Wash with Bottom	
		3.81	4.57	0.76		Clay	
		4.57	5.03	0.46		Marine Bottom	
					5.03		
	GRADE	0	4.75	4.57	498.35		
11	63	0	0.46	0.46		Topsoil	
		0.46	0.91	0.45		Cement	
		0.91	1.22	0.31		Gravel	
		1.22	2.44	1.22		Sand	
		2.44	3.51	1.07		Sand & Wash with Bottom	
		3.51	4.11	0.60		Clay	
		4.11	4.27	0.16		Marine Bottom	
					4.27		
	GRADE	0	4.11	4.11	759.39		
11	64	0	0.31	0.31		Topsoil	
		0.31	1.22	0.91		Cement	
		1.22	3.05	1.83		Gravel	
		3.05	3.66	0.61		Sand	
		3.66	4.11	0.45		Sand & Wash with Bottom	
		4.11	4.72	0.61		Marine Bottom	
					4.72		
			GRADE	0	4.11	4.11	326.30
11	65	0	0.31	0.31		Topsoil	
		0.31	1.07	0.76		Cement	
		1.07	1.66	0.59		Gravel	
		1.66	3.20	1.54		Sand	
		3.20	3.66	0.46		Sand & Wash with Bottom	
		3.66	4.57	0.91		Marine Bottom	
					4.57		
			GRADE	0	3.66	3.66	Trace



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
11	66	0	0.31	0.31		Topsoil
		0.31	1.07	0.76		Cement
		1.07	3.35	2.28		Sand
		3.35	3.81	0.46		Sand & Wash with Bottom
		3.81	4.72	0.91		Marine Bottom
					4.72	
	GRADE	0	3.81	3.81	Trace	
11	67	0	0.61	0.61		Topsoil
		0.61	1.07	0.46		Cement
		1.07	3.81	2.74		Sand
		3.81	4.11	0.30		Sand & Wash with Bottom
		4.11	4.88	0.77		Clayey Gravel
		4.88	5.18	0.30		Marine Bottom
			5.18			
	GRADE	0	4.88	4.88	Trace	
11	68	0	0.61	0.61		Topsoil
		0.61	0.91	0.30		Cement
		0.91	2.29	1.38		Sandy Clay
		2.29	5.33	3.04		Sand
		5.33	5.79	0.46		Sand & Wash
		5.79	6.10	0.31		Marine Bottom
			6.10			
	GRADE	0	5.79	5.79	Trace	
12	69	0	0.31	0.31		Topsoil
		0.31	0.91	0.60		Cement
		0.91	2.74	1.83		Gravel
		2.74	3.05	0.31		Sand
		3.05	3.2	0.15		Sand & Wash
		3.2	3.66	0.46		Sand & Wash with Bottom
		3.66	3.81	0.15		Marine Bottom
					3.81	
	GRADE	0	3.66	3.66	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
12	70	0	0.15	0.15		Topsoil
		0.15	0.31	0.16		Cement
		0.31	1.83	1.52		Sandy Clay
		1.83	3.35	1.52		Sand
		3.35	3.81	0.46		Sand & Wash with Bottom
		3.81	4.57	0.76		Marine Bottom
				4.57		
	GRADE	0	3.81	3.81	Trace	
12	71	0	0.31	0.31		Topsoil
		0.31	0.46	0.15		Cement
		0.46	1.98	1.52		Gravel
		1.98	3.96	1.98		Sand
		3.96	4.57	0.61		Clay
		4.57	4.72	0.15		Wash
		4.72	5.18	0.46		Marine Bottom
						5.18
	GRADE	0	4.72	4.72	Trace	
13	72	0	0.31	0.31		Topsoil
		0.31	0.61	0.30		Sandy Clay
		0.61	1.52	0.91		Gravel
		1.52	3.96	2.44		Sand
		3.96	4.11	0.15		Sand & Wash
		4.11	5.79	1.68		Clay
		5.79	6.10	0.31		Marine Bottom
						6.10
	GRADE	0	5.79	5.79	Trace	
13	73	0	0.31	0.31		Topsoil
		0.31	0.61	0.30		Sandy Clay
		0.61	1.07	0.46		Gravel
		1.07	3.51	2.44		Sand
		3.51	3.96	0.45		Sand & Wash
		3.96	5.49	1.53		Clay
		5.49	5.79	0.30		Marine Bottom
						5.79
	GRADE	0	5.79	5.79	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
14	74	0	0.46	0.46		Topsoil
		0.46	0.76	0.30		Gravel
		0.76	2.59	1.83		Sand
		2.59	4.42	1.83		Clay
		4.42	4.57	0.15		Wash
		4.57	5.03	0.46		Marine Bottom
					5.03	
	GRADE	0	4.57	4.57	106.79	
14	75	0	0.46	0.46		Topsoil
		0.46	0.76	0.30		Sandy Clay
		0.76	1.68	0.92		Gravel
		1.68	3.35	1.67		Sand
		3.35	3.81	0.46		Sand & Wash
		3.81	4.72	0.91		Clay
		4.72	5.33	0.61		Marine Bottom
			5.33			
	GRADE	0	4.72	4.72	889.91	
14	76	0	0.46	0.46		Topsoil
		0.46	3.51	3.05		Sand
		3.51	3.81	0.30		Sand & Wash
		3.81	5.49	1.68		Clay
		5.49	5.79	0.30		Marine Bottom
					5.79	
	GRADE	0	5.49	5.49	148.32	
14	77	0	0.31	0.31		Topsoil
		0.46	0.61	0.15		Sandy Clay
		0.61	4.19	3.58		Sand
		4.19	5.94	1.75		Clay
		5.94	6.55	0.61		Marine Bottom
					6.40	
	GRADE	0	5.94	5.94	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY			
		FROM m	TO m	INT m					
14	78	0	0.31	0.31		Topsoil			
		0.31	0.61	0.30		Sandy Clay			
		0.61	1.83	1.22		Gravel			
		1.83	5.18	3.35		Sand			
		5.18	5.33	0.15		Clay			
		5.33	5.49	0.16		Wash			
		5.49	5.94	0.45		Marine Bottom			
					5.94				
	GRADE	0	5.49	5.49	Trace				
14	79	0	0.31	0.31		Topsoil			
		0.31	0.91	0.60		Cement			
		0.91	2.44	1.53		Sandy Clay			
		2.44	2.9	0.46		Gravel			
		2.9	5.79	2.89		Sand			
		5.79	6.10	0.31		Marine Bottom			
					6.10				
			GRADE	0	5.49	5.49	Nil		
14	80	0	0.38	0.38		Topsoil			
		0.38	1.68	1.30		Sandy Clay			
		1.68	2.29	0.61		Gravel			
		2.29	4.72	2.43		Sand			
		4.72	5.33	0.61		Clay			
		5.33	5.64	0.31		Marine Bottom			
					5.64				
			GRADE	0	5.33	5.33	Tce		
14	81	0	0.31	0.31		Topsoil			
		0.31	0.91	0.60		Cement			
		0.91	1.68	0.77		Gravel			
		1.68	3.96	2.28		Sand			
		3.96	4.11	0.15		Pug			
		4.11	4.57	0.46		Marine Bottom			
					4.57				
			GRADE	0	4.11	4.11	Trace		

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY		
		FROM m	TO m	INT m				
14	82	0	0.46	0.46		Topsoil		
		0.46	2.13	1.67		Sandy Clay		
		2.13	3.66	1.53		Gravel		
		3.66	5.64	1.98		Sand		
		5.64	6.10	0.46		Marine Bottom		
					6.10			
	GRADE	0	5.64	5.64	94.92			
14	83	0	0.46	0.46		Topsoil		
		0.46	0.69	0.23		Cement		
		0.69	1.30	0.61		Sandy Clay		
		1.30	2.51	1.21		Gravel		
		2.51	4.42	1.91		Sand		
		4.42	4.72	0.30		Sand & Wash		
		4.72	5.64	0.92		Clay		
		5.64	6.10	0.46		Marine Bottom		
					6.10			
	GRADE	0	5.64	5.64	Trace			
14	84	0	0.31	0.31		Topsoil		
		0.31	0.76	0.45		Cement		
		0.76	1.22	0.46		Sandy Clay		
		1.22	1.52	0.30		Gravel		
		1.52	1.98	0.46		Sand		
		1.98	3.20	1.22		Clay		
		3.2	4.11	0.91		Drift		
		4.11	4.42	0.31		Gravel & Wash		
		4.42	4.57	0.15		Marine Bottom		
			4.57					
	GRADE	0	4.42	4.42	Trace			



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
14	85	0	0.31	0.31		Topsoil	
		0.31	0.91	0.60		Cement	
		0.91	1.22	0.31		Sandy Clay	
		1.22	2.13	0.91		Sand	
		2.13	2.29	0.16		Sand & Wash	
		2.29	3.05	0.76		Clay	
		3.05	4.27	1.22		Drift	
		4.27	4.57	0.30		Marine & Slate Bottom	
					4.57		
			GRADE	0	4.27	4.27	Trace
15	86	0	0.31	0.31		Topsoil	
		0.31	1.52	1.21		Clay	
		1.52	2.13	0.61		Clayey Gravel	
		2.13	4.11	1.98		Sand	
		4.11	4.27	0.16		Wash	
		4.27	4.57	0.30		Marine Clay Bottom	
					4.57		
			GRADE	0	4.27	4.27	71.19
15	87	0	0.46	0.46		Topsoil	
		0.46	1.22	0.76		Clay	
		1.22	3.66	2.44		Sand	
		3.66	3.81	0.15		Wash	
		3.81	4.57	0.76		Sandy Clay	
		4.57	4.72	0.15		Sand & Wash with Bottom	
		4.72	5.18	0.46		Gravel	
		5.18	5.49	0.31		Marine Clay Bottom	
					5.49		
			GRADE	0	5.18	5.18	106.79
15	88	0	0.31	0.31		Topsoil	
		0.31	3.05	2.74		Sand	
		3.05	3.20	0.15		Wash	
		3.20	4.88	1.68		Sandy Clay	
		4.88	5.79	0.91		Gravel	
		5.79	6.10	0.31		Marine Clay Bottom	
					6.10		
	GRADE	0	5.79	5.79	Trace		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
16	89	0	0.31	0.31		Topsoil
		0.31	5.18	4.87		Sand
		5.18	5.33	0.15		Wash
		5.33	5.79	0.46		Marine Clay Bottom
				5.79		
	GRADE	0	5.33	5.33	Trace	
17	90	0	0.31	0.31		Topsoil
		0.31	0.61	0.30		Clay
		0.61	2.44	1.83		Sand
		2.44	3.96	1.52		Sandy Clay
		3.96	5.33	1.37		Gravel
						Not To Bottom
			5.33			
	GRADE	0	5.33	5.33	Trace	
17	91	0	0.46	0.46		Topsoil
		0.46	0.61	0.15		Cement
		0.61	1.37	0.76		Clay
		1.37	3.05	1.68		Sand
		3.05	3.81	0.76		Sandy Clay
		3.81	5.48	1.67		Drift
		5.49	6.10	0.61		Sand & Wash
		6.10	6.86	0.76		Marine Clay Bottom
				6.85		
	GRADE	0	6.10	6.10	77.16	
17	92	0	0.31	0.31		Topsoil
		0.31	0.46	0.15		Cement
		0.46	2.90	2.44		Sand
		2.90	4.11	1.21		Loam
		4.11	6.40	2.29		Gravel
		6.40	6.71	0.31		Marine Clay Bottom
		6.71				
	GRADE	0	6.40	6.40	Trace	



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
17	93	0	0.31	0.31		Topsoil	
		0.31	0.61	0.30		Cement	
		0.61	0.91	0.30		Clay	
		0.91	3.05	2.14		Sand	
		3.05	4.88	1.83		Drift	
		4.88	5.64	0.76		Loam	
		5.64	5.94	0.30		Marine Clay Bottom	
			5.94				
	GRADE	0	5.64	5.64	Trace		
17	94	0	0.31	0.31		Topsoil	
		0.31	0.76	0.45		Cement	
		0.76	4.57	3.81		Sand	
		4.57	5.49	0.92		Gravel	
		5.49	6.10	0.61		Marine Clay Bottom	
				6.10			
	GRADE	0	5.49	5.49	355.97		
17	95	0	0.31	0.31		Topsoil	
		0.31	1.07	0.76		Cement	
		1.07	2.29	1.22		Sand	
		2.29	2.90	0.61		Loam	
		2.90	3.20	0.30		Sand & Wash with Bottom	
		3.20	4.26	1.06		Gravel	
		4.26	4.57	0.31		Marine Clay Bottom	
				4.57			
			GRADE	0	4.26	4.26	Nil
17	96	0	0.31	0.31		Topsoil	
		0.31	0.91	0.60		Cement	
		0.91	3.51	2.60		Sand	
		3.51	3.81	0.30		Sand & Wash with Bottom	
		3.81	5.18	1.37		Gravel	
		5.18	5.49	0.31		Marine Clay Bottom	
				5.49			
			GRADE	0	5.18	5.18	Traces



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY			
		FROM m	TO m	INT m					
18	97	0	0.15	0.15		Topsoil			
		0.15	1.07	0.92		Cement			
		1.07	2.59	1.52		Clay			
		2.59	3.05	0.46		Sandy Clay			
		3.05	3.81	0.76		Drift			
		3.81	5.03	1.22		Gravel			
		5.03	5.33	0.30		Marine Clay Bottom			
					5.18				
	GRADE	0	5.03	5.03	Trace				
18	98	0	0.31	0.31		Topsoil			
		0.31	0.91	0.60		Cement			
		0.91	1.83	0.92		Clay			
		1.83	3.35	1.52		Sand			
		3.35	4.42	1.07		Drift			
		4.42	4.57	0.15		Sand & Wash			
		4.57	5.79	1.22		Gravel			
		5.79	6.40	0.61		Marine Clay Bottom			
					6.400				
	GRADE	0	5.79	5.79	Trace				
18	99	0	0.31	0.31		Topsoil			
		0.31	1.07	0.76		Cement			
		1.07	2.74	1.67		Sand			
		2.74	3.35	0.61		Sandy Clay			
		3.35	5.03	1.68		Drift			
		5.03	5.79	0.76		Gravel			
		5.79	6.10	0.31		Sand with Clay Bottom			
		6.10	6.40	0.30		Marine Clay Bottom			
					6.40				
	GRADE	0	6.10	6.10	Trace				
18	100	0	0.46	0.46		Topsoil			
		0.46	2.90	2.44		Sand			
		2.90	3.96	1.06		Sandy Clay			
		3.96	4.11	0.15		Sand & Wash			
		4.11	5.33	1.22		Gravel			
		5.33	5.79	0.46		Marine Clay Bottom			
					5.79				
			GRADE	0	5.33	5.33	Trace		



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
18	101	0	0.76	0.76		Topsoil
		0.76	1.07	0.31		Cement
		1.07	6.71	5.64		Sand
		6.71	6.86	0.15		Sand & Wash
		6.86	7.31	0.45		Gravel
		7.32	7.62	0.30		Marine Clay Bottom
					7.61	
	GRADE	0	7.31	7.31	Trace	
18	102	0	0.76	0.76		Topsoil
		0.76	0.91	0.15		Cement
		0.91	7.92	7.01		Sand
				7.92		Not To Bottom
			GRADE	0	7.92	7.92
19	103	0	0.46	0.46		Topsoil
		0.46	1.07	0.61		Cement
		1.07	1.83	0.76		Gravel
		1.83	2.29	0.46		Gravel & Wash
		2.29	3.05	0.76		Marine Clay Basement
				3.05		
			GRADE	0	2.29	2.29
19	104	0	0.61	0.61		Topsoil
		0.61	1.07	0.46		Cement
		1.07	2.13	1.06		Gravel
		2.13	3.05	0.92		Clayey Gravel
		3.05	3.20	0.15		Gravel & Wash
		3.20	3.81	0.61		Sand
		3.81	4.11	0.30		Marine Clay Basement
				4.11		
			GRADE	0	3.81	3.81



## HISTORICAL DRILL LOGS

## LITHOLOGIC AND GRADE

SOURCE: MRT MRT FILE # 270 / 25 DATE: 1917  
 DRILLER: H. T. Roach LOCATION: McGregors West LEASE #: Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
19	105	0	0.31	0.31		Topsoil
		0.31	1.07	0.76		Cement
		1.07	2.44	1.37		Gravel
		2.44	2.90	0.46		Gravel & Wash
		2.90	3.51	0.61		Sand
		3.51	3.81	0.30		Marine Clay Bottom
					3.81	
	GRADE	0	3.51	3.51	Nil	
19	106	0	0.31	0.31		Topsoil
		0.31	1.07	0.76		Cement
		1.07	3.20	2.13		Gravel
		3.20	3.51	0.31		Sand
		3.51	3.81	0.30		Clay
		3.81	4.27	0.46		Wash
					4.27	
	GRADE	0	4.27	4.27	Nil	
19	107	0	0.46	0.46		Topsoil
		0.46	1.07	0.61		Cement
		1.07	3.51	2.44		Gravel
		3.51	3.81	0.30		Sand
		3.81	4.11	0.30		Clay
		4.11	4.72	0.61		Wash
		4.72	5.03	0.31		Marine Clay Bottom
			5.03			
	GRADE	0	4.72	4.72	Nil	
19	108	0	0.31	0.31		Topsoil
		0.31	1.37	1.06		Cement
		1.37	2.59	1.22		Gravel
		2.59	3.20	0.61		Sand
		3.20	3.81	0.61		Clay
		3.81	4.42	0.61		Wash
		4.42				Not To Basement
			4.42			
	GRADE	0	4.42	4.42	Nil	



**HISTORICAL DRILL LOGS**

**LITHOLOGIC AND GRADE**

**SOURCE:** MRT      **MRT FILE #** 270 / 25      **DATE:** 1917  
**DRILLER:** H. T. Roach      **LOCATION:** McGregors West      **LEASE #:** Mallinson

LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY
		FROM m	TO m	INT m		
19	109	0	0.46	0.46		Topsoil
		0.46	1.07	0.61		Cement
		1.07	2.90	1.83		Gravel
		2.90	3.20	0.30		Sand
		3.20	3.66	0.46		Clay
		3.66	3.96	0.30		Wash
		3.96	4.57	0.61		Marine Clay Bottom
				4.57		
	GRADE	0	3.96	3.96	Nil	
19	110	0.00	0.46	0.46		Topsoil
		0.46	1.22	0.76		Cement
		1.22	1.98	0.76		Gravel
		1.98	2.29	0.31		Sand
		2.29	3.35	1.06		Clay
		3.35	3.81	0.46		Wash
		3.81	3.96	0.15		Marine Clay Bottom
				3.96		
	GRADE	0	3.81	3.81	Nil	
19	111	0.00	0.46	0.46		Topsoil
		0.46	1.07	0.61		Cement
		1.07	2.29	1.22		Gravel
		2.29	2.74	0.45		Clay
		2.74	2.90	0.16		Wash
		2.90	3.35	0.45		Marine Clay Bottom
						3.35
	GRADE	0	2.90	2.90	Nil	
19	112	0.00	0.46	0.46		Topsoil
		0.46	1.22	0.76		Cement
		1.22	3.35	2.13		Gravel
		3.35	4.11	0.76		Sand
		4.11	4.88	0.77		Clay
		4.88	5.33	0.45		Wash
		5.33	5.79	0.46		Soft Granite Bottom
				5.79		
	GRADE	0	5.33	5.33	Nil	

VAN DIEMAN MINES		HISTORICAL DRILL LOGS			LITHOLOGIC AND GRADE		
SOURCE: MRT		MRT FILE # 270 / 25		DATE: 1917			
DRILLER: H. T. Roach		LOCATION: McGregors West		LEASE #: Mallinson			
LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY	
		FROM m	TO m	INT m			
19	113	0	0.31	0.31		Topsoil	
		0.31	0.46	0.15		Cement	
		0.46	2.90	2.44		Gravel & Wash	
		2.90	3.35	0.45		Soft Granite Bottom	
				3.35			
	GRADE	0	2.90	2.90	Nil		
19	114	0.00	0.46	0.46		Topsoil	
		0.46	0.76	0.30		Cement	
		0.76	2.59	1.83		Gravel	
		2.59	4.57	1.98		Sand	
		4.57	4.88	0.31		Clay	
		4.88	5.64	0.76		Wash	
		5.64	6.10	0.46		Soft Granite Bottom	
				6.10			
	GRADE	0	5.64	5.64	Nil		
20	115	0.00	3.51	3.51		Gravel & Wash	
		3.51	5.94	2.43		Sand (Sea Sand)	
		5.94	6.71	0.77		Wash (Surface Wash)	
				6.71		Not To Bottom	
	GRADE	0	6.71	6.71	Nil		
20	116	0.00	0.61	0.61		Topsoil	
		0.61	1.07	0.46		Cement	
		1.07	6.71	5.64		Sand (Sea sand)	
				6.71		Not To Bottom	
	GRADE	0	6.71	6.71	Nil		
20	117	0.00	0.31	0.31		Topsoil	
		0.31	0.76	0.45		Cement	
		0.76	6.71	5.95		Sand (Sea sand)	
				6.71		Not To Bottom	
	GRADE	0	6.71	6.71	Nil		

		<b>HISTORICAL DRILL LOGS</b>			<b>LITHOLOGIC AND GRADE</b>			
		<b>SOURCE:</b> MRT <b>DRILLER:</b> H. T. Roach	<b>MRT FILE #</b> 270 / 25 <b>LOCATION:</b> McGregors West	<b>DATE:</b> 1917 <b>LEASE #:</b> Mallinson				
LINE NUMBER	HOLE NUMBER	INTERVAL			GRADE Gm/m <sup>3</sup>	LITHOLOGY		
		FROM m	TO m	INT m				
20	118	0	0.91	0.91		Topsoil		
		0.91	6.10	5.19		Sand (Sea sand)		
						Not to Bottom		
				6.10				
	GRADE	0	6.10	6.10	Nil			

## 8.4 AGD / AHD DRILL HOLE LOCATION TABLE

					
GREAT NORTHERN PLAIN TENEMENTS					
SUMMARY OF DRILLING					
COMPANY	AREA	YEAR	PREFIX	NO. OF HOLES IN DATABASE	COMMENT
Delta Tin Mines	Fosters Marshes	c1932		33	
Austral Malay Tin	Fosters Bores	1935		11	
Austral Malay Tin	NW Fosters	1935		29	
Austral Malay Tin	Stinking Creek	1935	SC	11	
Dorset Tin Dredging	Boobyalla Delta	1955-57		42	
Rio Tinto	Boobyalla/ Mayfield	1958	HB	9	Hand bores
Rio Tinto	Boobyalla/ Mayfield/ MacGregor	1958	GB	2	Govt. bores
Mines Department	SW Delta	?		7	
Storeys Creek Tin Mining	Aberfoyle/ Macgregor/ Black Duck	1963		95	
Utah	Dugards/ Delta	1966	A	98	Auger
Utah	Dugards/ Delta	1966		27	Percussion
Dorset Dredge	Delta workings	1967	DM	11	Seismic Line
Mines Department	Braithwaites	1967	DM	57	
Wanex	MacGregors/ Beltz	1972-73	W	224	47 x unknown hole IDs
Preussag	Fosters Marshes	1979	PDH	24	#9 not drilled
Hellyer Auger	MacGregors/ Beltz	1981	AMG	2	
Hellyer Backhoe	MacGregors/ Beltz	1981	BMG	36	
Amdex	Delta	1981	DA	19	
Santos	Fosters Marshes	1981-82	GNP	158	
Santos	Fosters Marshes	1982	CDH	8	Calweld bulk sample
			<b>TOTAL</b>	<b>903</b>	
<b>ADDITIONAL DRILL HOLES</b>					
	Big Bend Ringarooma River			5	
	McGregor Tailings Ringarooma River			10	
	MacGregor (west)			102	
	Great Northern Plain			16	
	Great Northern Plain			39	
			<b>TOTAL</b>	<b>172</b>	



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
FM-01	579852.21	5470041.46	32.92		
FM-02	579727.36	5470055.63	33.83		
FM-03	579252.42	5470893.55	32.31		
FM-04	579284.09	5470103.64	34.44		
FM-05	579045.72	5470136.26	30.18		
FM-06	579085.97	5470350.13	31.09		
FM-07	579129.32	5470529.35	29.26		
FM-08	579366.41	5470495.44	28.96		
FM-09	579624.78	5470461.62	30.48		
FM-10	579812.06	5470440.37	31.09	3.35	27.74
FM-11	579916.80	5470421.39	29.26		
FM-12	580015.48	5470412.87	30.78	10.67	20.12
FM-13	579767.32	5470253.86	30.18	7.32	22.86
FM-14	579738.73	5470196.88	30.48	6.40	24.08
FM-15	579475.25	5470089.83	34.75	6.71	28.04
FM-16	579479.62	5470122.53	34.44	5.18	29.26
FM-17	579495.76	5470183.57	32.92	4.27	28.65
FM-18	579505.00	5470209.35	32.92	4.27	28.65
FM-19	579519.08	5470294.30	31.70	6.10	25.60
FM-20	579535.54	5470372.18	30.18	5.49	24.69
FM-21	579590.82	5470519.67	29.26	3.35	25.91
FM-22	579600.65	5470645.21	28.04	3.05	24.99
FM-23	579610.55	5470707.08	28.65	3.96	24.69
FM-24	579474.56	5470727.79	26.82	4.27	22.56
FM-25	579741.60	5470689.68	28.35	6.40	21.95
FM-26	579861.31	5470667.99	28.65	9.75	18.90
FM-27	579887.54	5470800.52	26.52	9.14	17.37
FM-28	579914.82	5470922.30	23.47	10.06	13.41
FM-29	580168.33	5470896.59	25.91	13.72	12.19
FM-30	579217.27	5470752.07	32.31	3.66	28.65
FM-31	580127.34	5470777.60	29.00	10.67	18.33
FM-32	580087.34	5470644.24	29.00	10.97	18.03
FM-33	579177.36	5470623.53	30.00	7.62	22.38
FB-1	578292.75	5471219.71	7.92	7.62	0.30
FB-2	578408.63	5471244.62	7.92	9.75	-1.83
FB-3	578531.21	5471268.72	7.62	6.71	0.91
FB-4	578649.35	5471298.81	7.92	7.01	0.91
FB-5	578749.55	5471324.61	9.45	7.62	1.83
FB-6	578881.88	5471355.31	11.28	6.71	4.57
FB-7	578994.82	5471387.68	11.58	18.90	-7.32
FB-8	579108.48	5471417.81	12.19	16.76	-4.57
FB-9	579206.86	5471618.94	13.41	20.12	-6.71
FB-10	579325.72	5471644.56	13.41	21.64	-8.23
FB-11	579432.68	5471676.24	9.45	26.52	-17.07
NFB-1	577938.43	5471445.16	8.00	13.41	-5.41
NFB-2	578043.52	5471501.81	7.75	18.90	-11.15
NFB-3	578143.17	5471561.07	7.50	22.86	-15.36



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
NFB-4	578249.49	5471630.62	7.25	18.90	-11.65
NFB-5	578354.76	5471685.12	7.00	15.85	-8.85
NFB-6	577922.99	5471710.81	7.00	9.14	-2.14
NFB-7	578023.58	5471771.95	6.00	15.85	-9.85
NFB-8	578125.12	5471831.19	5.50	16.15	-10.65
NFB-9	578256.04	5471905.20	9999.00	9999.00	9999.00
NFB-10	578354.78	5471972.00	6.50	17.37	-10.87
NFB-11	578456.33	5472034.07	6.50	21.34	-14.84
NFB-12	578563.54	5472095.13	5.00	13.11	-8.11
NFB-13	577878.97	5472055.49	5.00	15.85	-10.85
NFB-14	577788.69	5472267.03	5.00	15.85	-10.85
NFB-15	577903.45	5472326.15	5.00	17.37	-12.37
NFB-16	577998.37	5472386.40	5.00	14.94	-9.94
NFB-17	578113.98	5472432.34	5.00	15.85	-10.85
NFB-18	578212.67	5472490.67	5.00	14.33	-9.33
NFB-19	578316.08	5472548.95	5.00	17.68	-12.68
NFB-20	578412.87	5472605.41	5.00	16.15	-11.15
NFB-21	578335.52	5472912.78	5.00	16.76	-11.76
NFB-22	578442.73	5472973.85	5.00	17.37	-12.37
NFB-23	578556.54	5473032.98	5.00	15.24	-10.24
NFB-24	578320.31	5473183.82	5.00	12.19	-7.19
NFB-26	578206.41	5473396.52	5.00	18.29	-13.29
NFB-27	578103.02	5473340.12	5.00	20.42	-15.42
NFB-28	577980.71	5473567.01	5.00	12.19	-7.19
NFB-29	577871.53	5473779.68	5.00	16.46	-11.46
NFB-30	577975.83	5473829.49	5.00	14.33	-9.33
SC-1	580677.64	5472373.89	1.52	21.34	-19.81
SC-2	580706.80	5472404.82	0.91	7.62	-6.71
SC-3	580743.12	5472424.89	0.00	5.18	-5.18
SC-4	580810.97	5472469.87	3.05	7.01	-3.96
SC-5	580874.00	5472516.09	6.10	7.01	-0.91
SC-6	580846.45	5472545.15	6.71	8.84	-2.13
SC-7	580816.51	5472577.85	7.01	7.62	-0.61
SC-8	580790.20	5472611.71	7.62	9.75	-2.13
SC-9	580766.34	5472651.55	7.62	5.49	2.13
SC-10	580691.01	5472751.89	6.71	6.71	0.00
SC-11	580657.52	5472794.22	6.10	4.57	1.52
1	577745.49	5471888.06	3.05	14.17	-11.13
2	577621.46	5471920.44	3.05	15.85	-12.80
3	577645.20	5472043.85	3.05	15.85	-12.80
4	577682.16	5472159.95	3.05	14.48	-11.43
5	577766.27	5472473.67	3.05	13.72	-10.67
6	577823.35	5472713.21	2.74	17.60	-14.86
7	578112.38	5472824.53	2.74	15.54	-12.80
8	578179.45	5473113.19	2.44	15.70	-13.26
9	578079.04	5473250.98	2.13	16.31	-14.17



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
10	578196.81	5473183.86	2.44	18.29	-15.85
11	578140.92	5472941.90	2.44	15.24	-12.80
12	578057.00	5472658.19	2.74	17.22	-14.48
13	577946.26	5472694.04	2.74	18.44	-15.70
14	578811.11	5472507.04	5.00	12.65	-7.65
15	578664.60	5472424.40	5.00	11.73	-6.73
16	578613.58	5472188.40	6.10	14.63	-8.53
17	578995.53	5471581.00	11.58	17.07	-5.49
18	578751.01	5471632.51	8.23	16.92	-8.69
19	578814.08	5471866.00	7.62	17.07	-9.45
20	579044.09	5471809.81	9.14	19.20	-10.06
21	579097.51	5472042.20	7.62	15.54	-7.92
22	579526.55	5471984.14	9.45	21.49	-12.04
23	580421.78	5472195.38	7.92	21.18	-13.26
24	580935.44	5472346.59	3.66	20.73	-17.07
25	580653.08	5472149.98	7.92	12.50	-4.57
26	580539.85	5472172.66	7.92	7.01	0.91
27	580396.85	5472073.17	7.92	23.62	-15.70
28	580303.72	5472216.90	8.23	20.57	-12.34
29	580441.79	5472302.03	7.62	21.03	-13.41
30	580317.46	5472288.80	7.92	19.51	-11.58
31	577405.48	5473040.52	4.57	4.88	-0.30
32	576674.49	5473198.97	6.10	12.95	-6.86
33	575902.73	5473365.82	8.53	4.27	4.27
34	575162.73	5473537.95	7.62	2.74	4.88
35	574696.47	5473653.25	6.10	10.67	-4.57
36	576275.57	5474811.40	9.50	1.83	7.67
37	578319.04	5471470.66	6.40	20.12	-13.72
38	578363.74	5471620.39	6.71	20.12	-13.41
39	578418.95	5471864.02	7.01	17.37	-10.36
40	578472.63	5472090.84	6.40	19.20	-12.80
41	578445.07	5471976.04	6.71	18.59	-11.89
42	578389.91	5471738.01	7.01	21.34	-14.33
HB-1	574908.80	5470739.75	19.81	7.01	12.80
HB-2	575186.16	5470684.28	20.73	4.88	15.85
HB-3	575451.57	5470742.13	22.25	5.49	16.76
HB-4	577491.34	5471134.36	21.34	5.03	16.31
HB-5	577282.85	5471155.57	19.81	14.02	5.79
HB-6	582801.77	5472916.36	8.23	9999.00	9999.00
HB-7	582252.42	5472970.99	8.84	9999.00	9999.00
HB-8	580578.73	5472403.60	9.45	9999.00	9999.00
HB-9	580876.29	5471346.09	7.62	8.38	-0.76
GB-8	581386.48	5472520.10	3.35	24.69	-21.34
GB-9	579546.66	5470237.28	20.42	9999.00	9999.00
BH-1	576861.19	5470556.32			



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
BH-2	576738.21	5470246.60			
BH-3A	576851.63	5469876.99			
BH-4					
BH-5	577134.59	5469997.17			
BH-6	577199.30	5469878.73			
Rotary Hole	576972.82	5470294.53			
1	580842.49	5468515.83	22.62		
2	580839.64	5468587.09	23.18		
3	580855.61	5468674.96	22.36		
4	580857.54	5468795.32	20.57		
5	580779.55	5468672.85	22.55		
6	580815.22	5468862.77	21.32		
7	580836.26	5469006.38	21.21		
8	580849.46	5469211.40	20.78		
9	580459.80	5469868.55	19.81		
10	580587.97	5469817.83	19.93		
11	580758.04	5469712.44	20.75		
12	580900.08	5469620.50	19.81		
13	580199.48	5469685.17	20.37		
14	580025.97	5469741.43	19.33		
15	580093.04	5469564.33	19.71		
15A	580090.58	5469552.58	19.71		
16	579344.43	5468718.23	20.55		
17	579168.73	5468730.17	18.68		
18	579177.66	5468827.54	19.39		
19	579025.22	5468845.38	18.64		
20	579467.10	5468701.49	18.96		
21	579246.83	5468932.52	22.60		
22	579091.49	5468643.61	18.46		
23	579222.54	5468592.24	18.42		
24	579428.73	5468540.15	18.19		
25	579475.94	5468564.77	18.44		
26	579473.07	5468647.64	18.76		
27	579141.65	5468789.09	18.27		
28	578813.02	5468586.14	18.46		
29	578912.62	5468642.06	18.05		
30	579053.87	5468692.85	18.41		
31	580245.95	5470080.68	20.01		
32	580605.55	5469396.18	20.15		
33	580262.51	5469600.38	19.33		
34	580366.20	5469232.08	19.75		
35	580248.28	5469215.32	19.67		
36	580264.05	5469330.31	20.10		
37	580351.22	5469437.41	20.00		
38	580468.88	5469551.09	-7.73		
39	580546.86	5469503.31	20.09		



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AM G55	NORTHING AM G55			
40	580673.84	5469497.87	20.19		
41	580817.81	5469533.42	20.24		
42	580783.79	5469393.38	20.65		
43	580654.86	5469321.07	20.54		
44	581046.23	5468352.43	21.81		
45	581107.90	5468331.14	22.32		
46	581190.44	5468288.19	22.62		
47	581277.75	5468307.51	22.72		
48	581371.78	5468385.42	22.81		
49	581483.74	5468340.98	22.69		
50	581345.08	5468464.87	22.31		
51	580750.22	5467802.45	22.27		
52	580834.65	5467831.58	21.36		
53	580954.64	5467861.66	22.19		
54	581045.62	5467900.45	23.37		
55	580838.31	5467953.00	21.85		
56	580869.31	5468216.82	23.53		
57	580872.67	5468298.50	25.77		
58	580856.18	5468008.40	21.62		
59	580720.29	5468003.50	21.56		
60	580535.22	5468806.69	27.26		
61	580456.52	5468784.17	26.03		
62	580557.12	5468900.77	24.97		
63	580595.40	5469032.12	24.05		
64	580525.28	5468735.87	26.65		
65	580842.41	5469699.78	21.53		
66	580769.84	5469656.35	20.29		
67	580694.24	5469760.06	20.31		
68	580632.29	5469665.85	19.59		
69	580401.71	5469573.66	19.18		
70	580502.46	5469605.32	19.50		
71	580250.28	5469141.54	19.62		
72	580192.27	5469074.65	19.77		
73	579949.74	5468933.01	19.38		
74	579829.79	5468908.59	19.32		
75	579783.53	5468810.37	19.07		
1	580728.61	5469284.81	21.22		
2	580683.03	5469227.86	20.87		
3	580462.78	5469205.19	20.03		
4	580557.29	5469188.34	20.88		
5	580430.80	5469101.85	20.17		
6	580220.10	5469573.37	19.35		
7	580140.89	5469479.89	19.57		
8	580106.67	5469392.91	19.41		
9	580056.67	5469321.94	19.42		
10	580093.22	5468981.86	19.58		
11	580058.10	5469063.87	19.35		



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
12	579963.43	5469058.02	19.33		
13	579831.94	5469011.89	19.38		
14	579748.14	5468858.31	18.89		
15	579714.06	5468735.97	19.71		
16	579650.53	5468719.90	19.27		
17	579885.83	5468787.25	19.24		
18	579978.01	5468853.99	19.38		
19	580060.43	5468901.66	9999.00		
325	576735.60	5470529.48			
326	576727.18	5470587.39			
327	576729.30	5470639.94			
328	576726.20	5470703.05			
329	576697.42	5470848.65			
330	576688.58	5470956.62			
331	576679.75	5471067.79			
332	576734.86	5471203.72			
333	576761.03	5471301.86			
334	576782.00	5471381.81			
335	576798.02	5471477.37			
336	576838.67	5471574.23			
337	576835.70	5471705.95			
338	576739.64	5470401.60			
339	576707.46	5470300.87			
340	576699.76	5470195.27			
341	576700.14	5470076.82			
342	577496.92	5471267.78			
343	577484.91	5471216.79			
344	577482.23	5471165.72			
345	577486.58	5471116.90			
346	577476.78	5471047.31			
347	577471.77	5470996.26			
348/349	577463.95	5470873.24			
350	577456.21	5470761.83			
351	577457.73	5470638.72			
352	577447.53	5470508.75			
353	577439.86	5470408.95			
354	577432.01	5470281.28			
355	577422.06	5470188.47			
356	577418.86	5470058.43			
357	577501.98	5471328.12			
358	577507.21	5471411.68			
359	575783.38	5470730.75			
360	575778.46	5470858.61			
361	575764.08	5470960.09			
362	575791.02	5471068.23			
363	575833.13	5471161.68			



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
364	575877.51	5471265.43			
365	575871.25	5471403.68			
366	575920.53	5471538.03			
367	575982.65	5471630.33			
368	575990.74	5471757.19			
369	576006.89	5471878.93			
370	576019.95	5471979.70			
371	575995.70	5472071.24			
372	576000.90	5472212.82			
373	575960.09	5472347.35			
374	575988.66	5472462.85			
375	576016.44	5472581.66			
376	576034.87	5472713.69			
377	576053.91	5472820.72			
378	576067.61	5472924.44			
379	576080.21	5473043.95			
380	576100.54	5473142.90			
381	576097.98	5473277.12			
382	576098.16	5473402.87			
383	576062.96	5473514.26			
384	575668.13	5470706.25			
385	575478.22	5470736.80			
386					
387	575235.58	5470802.85			
388	575003.52	5470876.88			
389	574956.60	5470803.27			
390	574923.99	5470690.35			
545	574724.77	5470926.94			
546	574742.12	5470984.70			
547	574753.64	5471029.94			
548	574765.99	5471085.85			
549	574778.35	5471141.76			
550	574798.95	5471214.22			
551	574808.72	5471272.33			
552	574830.93	5471338.18			
553	574846.84	5471396.29			
554	574703.38	5470823.06			
555	574714.37	5470879.86			
556	574986.01	5470846.20			
557	574940.77	5470744.29			
558	575181.72	5470614.52			
559	575200.85	5470673.38			
560	575221.63	5470753.56			
561	575250.69	5470864.28			
562	575261.90	5470922.02			
563	575273.28	5470973.52			



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B' MENT m	B' MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
564	575563.53	5470482.57			
565	575580.06	5470529.65			
566	575592.40	5470585.56			
567	575546.99	5470435.48			
568	575534.32	5470378.10			
569	575522.62	5470325.13			
570	575511.41	5470281.36			
571	575497.62	5470225.82			
572	575484.47	5470173.22			
573	574511.73	5470989.96			
574	574498.26	5470935.89			
575	574484.80	5470895.78			
576	574527.49	5471054.32			
577	574540.14	5471097.72			
62	576734.86	5471203.72		u/b	
63	576761.03	5471301.86		u/b	
64	576679.75	5471067.79		u/b	
65	576697.42	5470848.65		u/b	
66	576727.18	5470587.39		u/b	
67	576782.00	5471381.81		u/b	
68	576835.70	5471705.95		u/b	
69	576798.02	5471477.37		u/b	
70	574703.38	5470823.06	17.50	7.92	9.58
71	574714.37	5470879.86	17.50	17.68	-0.18
72	574724.77	5470926.94	17.50	14.33	3.17
73	575783.38	5470730.75		u/b	
74	575791.02	5471068.23		u/b	
75	575871.25	5471403.68		u/b	
76	575990.74	5471757.19		u/b	
77	575995.70	5472071.24		u/b	
78	575988.66	5472462.85		u/b	
78A	575988.66	5472462.85		u/b	
79	576053.91	5472820.72		u/b	
80	576100.54	5473142.90		u/b	
81	576098.16	5473402.87		u/b	
82	575592.40	5470585.56		u/b	
83	575546.99	5470435.48		u/b	
84	575511.41	5470281.36		u/b	
85	577484.91	5471216.79		u/b	
86	577496.92	5471267.78		u/b	
87	576688.36	5471005.60		u/b	
DM14-1	577884.73	5471164.75	12.50	1.83	
DM14-2	577938.63	5471172.18	9.50	9.14	
DM14-3	578000.45	5471173.58	9.00	10.21	
DM14-4	578066.27	5471176.93	8.50	14.94	
DM14-5	578112.13	5471175.51	8.00	21.03	



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
DM14-6	578189.90	5471175.77	7.62	21.64	
DM14-7	578256.73	5471180.10	8.00	17.98	
DM14-8	578315.58	5471183.52	8.50	20.12	
DM14-9	578373.42	5471185.95	9.00	16.15	
DM14-10	578437.23	5471185.35	9.50	25.30	
DM14-11	578499.06	5471186.75	9.50	16.15	
DM14-12	578562.87	5471188.14	10.00	9.45	
DM14-13	578635.68	5471192.41	11.28	7.77	
DM14-14	578692.52	5471193.85	9.45	11.28	
DM14-14A	578802.14	5471184.89	11.00	11.58	
DM14-15	578881.00	5471199.02	10.50	10.67	
DM14-16	579067.67	5471232.00	15.24	9.45	
DM14-17	579246.20	5471241.24	10.50	13.70	
DM14-18	579430.75	5471256.36	11.32	12.49	-1.17
DM14-19	579615.88	5471207.98	14.08	8.50	5.58
DM14-20	579796.06	5471166.60	15.39	16.79	-1.40
DM14-21	579984.53	5471169.79	15.80	19.49	-3.69
DM14-22	580159.98	5471165.16	17.91	9.10	8.81
DM14-23	580345.36	5471156.47	18.46	9.10	9.36
DM14-24	580536.80	5471157.64	24.10	5.50	18.60
DM14-25	580720.25	5471156.91	23.75	3.00	20.75
DM14-26	580906.67	5471153.17	22.74	6.70	16.04
DM17-17	579241.35	5471416.62	12.00	21.30	-9.30
DM17-18	579429.76	5471418.61	11.65	21.29	-9.64
DM17-19	579627.32	5471414.30	12.68	12.20	0.48
DM17-20	579805.23	5471408.96	12.97	16.79	-3.82
DM17-21	579985.65	5471412.15	9.87	10.69	-0.82
DM17-22	580170.94	5471409.19	10.07	13.69	-3.62
DM17-23	580357.41	5471400.10	12.19	6.10	6.09
DM17-24	580543.97	5471402.01	14.78	9.10	5.68
DM17-25	580719.49	5471406.46	13.53	12.20	1.33
DM17-26	580914.58	5471400.96	16.71	3.00	13.71
DM17.5-21	579985.46	5471568.48	10.33	12.19	-1.86
DM17.5-22	580174.46	5471570.36	9.73	16.79	-7.06
DM17.5-23	580360.99	5471568.61	10.73	13.69	-2.96
DM17.5-24	580546.29	5471568.08	10.75	12.19	-1.44
DM17.5-25	580724.22	5471565.19	11.33	15.19	-3.86
DM18-18	579430.61	5471731.25	9.99	28.99	-19.00
DM18-19	579622.01	5471723.34	9.02	22.89	-13.87
DM18-20	579807.35	5471727.70	8.27	22.89	-14.62
DM18-21	579987.71	5471722.34	11.29	12.19	-0.90
DM18-22	580173.00	5471718.15	11.21	15.19	-3.98
DM18-23	580352.16	5471717.69	12.67	18.29	-5.62
DM18-24	580549.68	5471707.28	10.88	9.10	1.78
DM18-25	580727.60	5471703.16	10.33	10.69	-0.36
DM18-26	580917.82	5471703.81	11.17	7.60	3.57
DM18.5-18	579442.76	5471896.00	10.65	27.39	-16.74



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
DM18.5-19	579626.81	5471891.83	8.50	25.89	-17.39
DM18.5-20	579809.65	5471888.89	7.50	22.59	-15.09
DM18.5-21	580008.45	5471888.24	7.49	22.89	-15.40
DM18.5-22	580180.24	5471884.18	6.84	12.19	-5.35
DM18.5-23	580345.90	5471881.40	7.90	9.09	-1.19
DM18.5-24	580558.19	5471880.62	9.08	15.19	-6.11
DM18.5-25	580733.67	5471877.75	7.26	24.39	-17.13
DM18.5-26	580916.49	5471873.58	6.87	23.79	-16.92
DM19-19	579626.63	5472049.37	7.38	22.89	-15.51
DM19-20	579814.36	5472043.94	5.73	24.39	-18.66
DM19-21	580008.23	5472039.68	6.34	21.29	-14.95
DM19-22	580178.78	5472034.41	5.85	18.29	-12.44
DM19-23	580353.07	5472037.66	6.04	16.49	-10.45
DM19-24	580551.84	5472032.12	7.16	16.79	-9.63
DM19-25	580740.81	5472029.12	5.48	13.69	-8.21
DM19-26	580919.99	5472029.88	4.32	4.59	-0.27
W-xx1	580503.67	5470699.64	30.00	2.10	27.90
W-xx2	580194.62	5470858.63	29.50	10.70	18.80
W-xx3	579957.70	5470913.67	29.50	10.10	19.40
W-xx4	579934.94	5470792.75	29.50	10.40	19.10
W-xx5	579789.42	5470701.70	29.50	6.40	23.10
W-xx6	579675.21	5470721.42	29.50	4.00	25.50
W-xx7	579543.85	5470752.16	29.50	4.30	25.20
W-xx8	580755.89	5470382.33	30.50	15.20	15.30
W-xx9	580540.04	5470303.69	30.50	18.30	12.20
W-x10	580822.96	5470097.32	30.50	9.10	21.40
W-x11	580886.21	5470092.66	30.50	9.80	20.70
W-x12	581060.50	5469983.46	30.50	29.00	1.50
W-x13	580829.99	5469722.24	22.50	6.10	16.40
W-x14	580901.53	5469701.01	30.00	9.10	20.90
W-x15	580961.87	5469684.17	30.50	15.20	15.30
W-x16	580792.62	5469690.05	29.00	12.00	17.00
W-x17	580830.58	5469683.70	30.00	6.10	23.90
W-x18	580867.64	5469672.21	22.50	15.20	7.30
W-x19	580789.84	5469661.81	19.00	6.10	12.90
W-x20	580822.61	5469655.50	19.00	7.60	11.40
W-x21	580803.18	5469592.32	19.00	19.50	-0.50
W-x22	580868.76	5469583.14	19.50	21.00	-1.50
W-x23	581089.92	5469589.62	35.00	7.30	27.70
W-x24	581119.64	5469263.90	25.00	6.10	18.90
W-x25	579372.93	5470384.13	29.50	8.20	21.30
W-x26	580650.53	5469500.40	17.50	14.00	3.50
W-x27	580714.35	5469486.96	18.00	13.70	4.30
W-x28	580937.70	5469435.19	25.00	15.80	9.20
W-x29	580632.84	5469440.63	17.50	16.50	1.00
W-x30	580958.78	5469359.62	25.00	14.60	10.40



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
W-x31	580905.95	5469339.57	19.50	15.20	4.30
W-x32	580872.99	5469319.32	19.50	16.20	3.30
W-x33	580907.51	5469313.86	19.50	0.00	19.50
W-x34	580931.60	5469301.64	20.00	15.20	4.80
W-x35	580897.78	5469282.27	19.50	16.20	3.30
W-x36	580926.86	5469239.17	19.50	16.50	3.00
W-x37	580881.79	5469218.18	19.00	14.00	5.00
W-x38	580913.71	5469211.03	19.00	15.20	3.80
W-x39	580878.09	5469182.25	19.00	15.20	3.80
W-x40	580906.56	5469176.84	19.00	14.90	4.10
W-x41	580939.36	5469173.97	19.00	14.30	4.70
W-x42	580871.01	5469156.62	19.00	14.00	5.00
W-x43	580899.45	5469147.79	19.50	15.50	4.00
W-x44	579844.55	5470405.32	29.50	6.10	23.40
W-x45	579622.34	5470549.51	29.50	5.20	24.30
W-x46	580016.31	5470553.57	29.50	15.90	13.60
W-x47	580473.01	5470568.69	30.50	10.70	19.80
W-001	580438.77	5470713.45	29.50	6.40	23.10
W-002	580408.93	5470588.71	29.50	14.30	15.20
W-003	580534.82	5470560.35	30.50	7.00	23.50
W-004	580567.03	5470688.18	30.50	4.90	25.60
W-005	579832.38	5470341.76	29.50	7.30	22.20
W-008	580488.35	5470634.56	29.50	5.20	24.30
W-009	580610.36	5470611.03	30.50	4.30	26.20
W-010	580687.93	5470658.38	30.50	4.00	26.50
W-011	580654.18	5470529.95	30.50	4.30	26.20
W-012	580579.86	5470478.50	30.50	5.50	25.00
W-013	580502.34	5470438.49	30.50	11.90	18.60
W-014	580623.69	5470399.05	30.50	7.00	23.50
W-015	580554.39	5470359.78	30.50	19.80	10.70
W-016	580480.11	5470314.03	30.50	22.30	8.20
W-017	580604.80	5470281.08	30.50	15.20	15.30
W-018	580397.00	5470789.95	30.00	9.80	20.20
W-019	580317.60	5470746.43	29.50	16.80	12.70
W-020	580365.60	5470666.00	30.50	8.20	22.30
W-021	580290.11	5470621.67	29.50	9.10	20.40
W-022	580337.35	5470543.57	29.50	18.30	11.20
W-023	580208.30	5470568.08	29.50	15.20	14.30
W-024	580092.62	5470603.33	29.50	15.20	14.30
W-025	580116.96	5470725.80	29.50	15.20	14.30
W-026	580193.24	5470770.90	29.50	15.20	14.30
W-027	580235.78	5470693.63	29.50	15.20	14.30
W-028	580163.41	5470646.93	29.50	15.20	14.30
W-029	580138.30	5470526.03	29.50	15.20	14.30
W-030	580258.71	5470496.93	29.50	15.20	14.30
W-031	580060.45	5470480.17	29.50	17.40	12.10
W-032	580183.97	5470447.94	31.50	18.30	13.20



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
W-033	580307.50	5470417.27	29.50	18.30	11.20
W-034	579981.82	5470435.87	29.50	15.50	14.00
W-035	580106.91	5470402.07	30.50	19.20	11.30
W-036	580743.83	5470063.03	30.50	12.80	17.70
W-037	580234.35	5470371.37	29.50	30.50	-1.00
W-038	580724.61	5470256.32	30.50	12.70	17.80
W-039	580848.50	5470226.64	30.50	7.30	23.20
W-040	580926.07	5470273.98	30.50	9999.00	9999.00
W-041	580900.61	5470156.07	30.50	10.40	20.10
W-042	580974.05	5470199.38	30.50	9.80	20.70
W-043	581099.58	5470168.87	30.50	14.60	15.90
W-044	581177.98	5470217.02	30.50	15.80	14.70
W-045	581125.07	5470291.67	30.50	9.80	20.70
W-046	581194.45	5470347.08	9999.00	9999.00	9999.00
W-047	581153.92	5470418.83	9999.00	9999.00	9999.00
W-048	581232.78	5470463.19	9999.00	9999.00	9999.00
W-049	581305.62	5470509.74	9999.00	9999.00	9999.00
W-050	581055.70	5470241.80	30.50	9999.00	9999.00
W-051	581025.29	5470121.49	30.50	8.20	22.30
W-052	581074.91	5470048.50	30.50	11.00	19.50
W-053	581049.42	5469927.34	30.50	10.10	20.40
W-054	581121.23	5469972.29	30.50	11.60	18.90
W-055	581144.24	5470091.86	30.50	12.20	18.30
W-056	580802.20	5470304.48	30.50	18.30	12.20
W-057	580880.57	5470349.37	30.50	15.50	15.00
W-058	581002.06	5470329.49	30.50	9999.00	9999.00
W-060	580680.77	5470334.15	30.50	13.70	16.80
W-061	580517.42	5470761.64	30.50	5.20	25.30
W-062	580466.26	5470839.00	30.50	4.30	26.20
W-063	580587.45	5470809.90	30.50	4.90	25.60
W-064	580545.64	5470880.19	30.50	5.20	25.30
W-065	581170.81	5469892.79	30.50	7.60	22.90
W-066	581142.88	5469773.27	30.50	6.70	23.80
W-067	581065.83	5469728.58	30.00	9999.00	9999.00
W-068	581188.29	5469702.59	30.50	4.30	26.20
W-069	581233.51	5469621.67	35.00	5.50	29.50
W-070	581357.69	5469591.38	35.00	5.50	29.50
W-071	581283.13	5469550.97	40.00	6.40	33.60
W-072	581224.44	5469431.63	42.50	6.70	35.80
W-073	581199.37	5469303.40	40.00	6.70	33.30
W-076	581092.47	5469852.78	30.50	12.50	18.00
W-077	580965.27	5469878.42	30.50	9999.00	9999.00
W-078	580994.91	5470006.07	30.50	8.20	22.30
W-079	580923.08	5469957.86	30.50	9999.00	9999.00
W-080	580796.73	5469987.57	30.50	10.70	19.80
W-081	580668.71	5470014.84	30.50	11.30	19.20



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B' MENT m	B' MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
W-082	580545.64	5470042.90	30.50	15.20	15.30
W-084	580591.96	5469966.68	30.00	12.80	17.20
W-085	580718.33	5469940.23	30.50	12.20	18.30
W-087	580868.53	5470031.71	30.50	10.70	19.80
W-088	580843.85	5469908.08	30.00	9999.00	9999.00
W-089	579941.95	5469990.51	30.50	3.70	26.80
W-090	579816.63	5470022.06	31.00	4.30	26.70
W-091	579694.46	5470047.96	31.00	3.70	27.30
W-092	579566.09	5470077.64	31.00	3.00	28.00
W-093	579436.51	5470113.51	31.00	1.50	29.50
W-094	579468.26	5470238.02	30.00	7.60	22.40
W-095	579499.64	5470359.64	29.50	17.60	11.90
W-096	579530.98	5470475.83	29.50	6.70	22.80
W-097	579688.23	5470564.43	29.50	6.10	23.40
W-098	579891.52	5470059.31	30.50	5.20	25.30
W-099	579774.31	5470098.46	30.50	4.30	26.20
W-100	579646.08	5470129.19	30.00	6.70	23.30
W-101	579594.14	5470207.32	29.50	6.70	22.80
W-103	579631.02	5470330.45	29.50	5.80	23.70
W-104	579708.10	5470379.43	29.50	4.90	24.60
W-105	579658.44	5470447.45	29.50	6.70	22.80
W-106	579778.88	5470422.25	29.50	5.20	24.30
W-107	579752.18	5470296.69	29.50	9.80	19.70
W-108	579802.57	5470222.45	30.00	6.70	23.30
W-109	579883.61	5470275.27	30.50	11.60	18.90
W-110	579926.11	5470191.01	31.50	6.00	25.50
W-111	580002.41	5470240.76	30.00	12.80	17.20
W-112	579952.80	5470314.22	31.00	7.30	23.70
W-113	580029.84	5470356.20	30.00	11.30	18.70
W-114	579903.97	5470389.23	30.00	7.90	22.10
W-117	579733.11	5470484.80	29.50	6.70	22.80
W-118	579857.48	5470461.88	29.50	8.20	21.30
W-119	579545.32	5470282.34	29.50	5.80	23.70
W-120	579417.12	5470317.71	29.50	7.90	21.60
W-121	579394.34	5470193.67	30.50	8.20	22.30
W-122	579514.73	5470161.48	30.50	8.50	22.00
W-123	579343.96	5470270.25	30.50	8.20	22.30
W-124	579603.38	5470525.63	29.50	5.80	23.70
W-125	579452.39	5470435.42	29.50	6.10	23.40
W-126	579575.15	5470407.08	29.50	6.70	22.80
W-127	579933.81	5470513.97	29.50	7.60	21.90
W-128	579807.88	5470537.68	29.50	6.70	22.80
W-129	579762.19	5470614.99	29.50	4.90	24.60
W-130	579884.18	5470586.66	29.50	7.30	22.20
W-131	579832.19	5470657.04	29.50	8.80	20.70
W-132	579964.35	5470627.84	29.50	18.60	10.90
W-133	579915.55	5470707.50	29.50	18.30	11.20
W-135	580070.29	5470544.52	29.50	18.30	11.20



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
W-136	579956.93	5470573.55	29.50	11.30	18.20
W-137	579900.97	5470636.98	29.50	13.70	15.80
W-138	580318.13	5470482.40	29.50	18.30	11.20
W-139	580245.78	5470438.82	31.50	18.30	13.20
W-140	580171.84	5470392.15	30.50	18.30	12.20
W-141	580122.23	5470466.38	29.50	17.40	12.10
W-142	580042.02	5470419.77	29.50	20.10	9.40
W-143	579997.12	5470495.51	29.50	12.20	17.30
W-144	580039.85	5470673.72	29.50	21.30	8.20
W-145	580022.97	5470610.98	29.50	22.30	7.20
W-146	579974.95	5470688.31	29.50	24.10	5.40
W-147	579987.93	5470754.19	29.50	17.10	12.40
W-148	580053.59	5470735.72	29.50	23.20	6.30
W-149	579819.26	5470599.69	29.50	6.70	22.80
W-149B	579659.15	5470662.55	29.50	4.90	24.60
W-150	579749.24	5470552.98	29.50	6.70	22.80
W-151	579923.95	5470447.28	29.50	15.90	13.60
W-152	579870.44	5470523.89	29.50	7.00	22.50
W-153	579800.42	5470479.51	29.50	8.80	20.70
W-155	579968.07	5470371.54	30.00	11.30	18.70
W-156	579768.26	5470358.67	29.50	6.10	23.40
W-157	579892.57	5470326.44	29.50	7.60	21.90
W-158	580016.13	5470300.42	29.50	8.50	21.00
W-159	579693.56	5470314.33	30.00	6.10	23.90
W-160	579813.18	5470284.48	29.50	10.70	18.80
W-161	579939.00	5470244.46	31.00	13.70	17.30
W-162	580055.58	5470228.61	27.50	15.20	12.30
W-163	579863.55	5470206.34	30.00	6.10	23.90
W-165	580200.84	5470509.13	30.00	15.20	14.80
W-166	580275.59	5470560.45	29.50	15.20	14.30
W-167	580352.67	5470607.10	29.50	15.20	14.30
W-168	580428.15	5470649.87	30.50	7.30	23.20
W-169	580374.65	5470728.04	29.50	18.30	11.20
W-172	580518.36	5470497.82	30.50	7.30	23.20
W-173	580450.13	5470772.37	30.50	13.70	16.80
W-177	580554.23	5470620.36	30.00	7.92	22.08
W-180	580561.36	5470416.75	30.50	7.90	22.60
W-182	579675.87	5470246.93	29.50	7.00	22.50
W-183	580494.50	5470374.19	30.50	18.30	12.20
W-184	580613.47	5470345.36	30.50	18.30	12.20
W-186	580661.45	5470273.21	30.50	11.30	19.20
W-187	580786.17	5470244.33	30.50	12.80	17.70
W-189	580968.70	5470138.32	30.50	6.70	23.80
W-191	580944.45	5470079.07	30.50	11.60	18.90
W-192	581012.59	5470067.83	30.50	10.70	19.80
W-195	580936.65	5470018.84	30.50	8.20	22.30
W-200	580808.68	5470052.64	30.50	12.80	17.70



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
W-201	580734.35	5469999.56	30.50	9999.00	9999.00
W-202	580605.52	5470026.85	30.50	9999.00	9999.00
W-204	580784.04	5469923.91	30.25	10.06	20.19
W-217	580904.58	5469896.10	30.50	9999.00	9999.00
W-218	580858.27	5469973.95	30.50	9999.00	9999.00
W-219	580978.88	5469945.92	30.50	9999.00	9999.00
PDH-01	579413.28	5471488.95	9.14	19.87	-10.73
PDH-02	579815.07	5471817.96	7.62	21.49	-13.87
PDH-03	580106.31	5472043.49	7.62	22.71	-15.09
PDH-04	580409.79	5472295.32	1.52	17.01	-15.48
PDH-05	580601.62	5472458.11	1.52	8.99	-7.47
PDH-06	581043.94	5472873.61	4.57	5.52	-0.94
PDH-07	579170.82	5471284.46	7.62	8.60	-0.98
PDH-08	579461.72	5473014.86	9.00	15.70	-6.70
PDH-09	579118.07	5472682.75	n/a	9999.00	9999.00
PDH-10	578862.90	5472459.97	6.05	12.01	-5.96
PDH-11	578523.03	5472213.18	5.05	17.62	-12.57
PDH-12	578175.12	5471874.52	5.00	18.50	-13.50
PDH-13	578910.85	5473367.81	4.95	19.11	-14.16
PDH-14	578565.54	5473883.80	5.10	17.62	-12.52
PDH-15	578508.92	5473032.06	5.20	16.61	-11.41
PDH-16	578201.47	5473710.22	4.95	18.99	-14.04
PDH-17	577786.59	5473475.50	5.10	20.09	-14.99
PDH-18	578057.61	5473408.46	5.05	18.99	-13.94
PDH-19	579536.23	5472323.20	6.10	16.00	-9.91
PDH-20	577187.68	5474369.71	9.14	24.23	-15.09
PDH-21	576876.37	5474161.68	6.10	22.07	-15.97
PDH-22	576526.93	5473936.81	4.57	18.99	-14.42
PDH-23	577884.22	5471634.24	7.50	13.59	-6.09
PDH-24	578223.18	5470499.35	12.19	2.62	9.57
AMG1	579952.67	5470152.42			
AMG2	580260.22	5470514.23			
BMG1	579999.18	5469982.65			
BMG2	579942.26	5470001.70			
BMG3	579882.23	5470015.04			
BMG4	579861.53	5470040.31			
BMG5	579862.58	5470068.16			
BMG6	579826.36	5470064.82			
BMG7	579771.50	5470080.97			
BMG8	579772.55	5470119.39			
BMG9	579798.44	5470139.21			
BMG10	579834.67	5470157.92			
BMG11	579869.86	5470147.81			
BMG12	579904.02	5470139.66			
BMG13	579941.27	5470137.21			
BMG14	579978.56	5470189.54			



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
BMG15	579992.03	5470243.16			
BMG16	580018.96	5470296.59			
BMG17	580063.49	5470342.10			
BMG18	580143.20	5470357.31			
BMG19	580175.30	5470391.46			
BMG20	580202.22	5470407.41			
BMG21	580220.86	5470435.03			
BMG22	580250.89	5470486.49			
BMG23	580288.19	5470562.84			
BMG24	580368.93	5470567.48			
BMG25	580437.23	5470541.54			
BMG26	580473.43	5470472.81			
BMG27	580502.39	5470400.33			
BMG28	580526.17	5470348.11			
BMG29	580573.78	5470326.31			
BMG30	580635.89	5470330.24			
BMG31	580693.85	5470338.08			
BMG32	580758.03	5470346.79			
BMG33	580817.04	5470354.61			
BMG34	580871.88	5470323.10			
BMG35	580873.92	5470236.59			
BMG36	580858.37	5470164.73			
DA1	577650.31	5471202.48	20.00	4.70	15.30
DA2	577659.63	5471174.27	19.75	6.90	12.85
DA3	577675.96	5471157.32	19.75	7.50	12.25
DA4	577687.61	5471136.77	20.00	6.10	13.90
DA5	577699.69	5471114.82	20.50	6.40	14.10
DA6	577712.98	5471090.34	21.00	7.90	13.10
DA7	577734.91	5471049.15	21.00	9.20	11.80
DA8	577756.69	5471004.36	21.00	8.90	12.10
DA9	577779.44	5470957.49	21.00	7.80	13.20
DA10	577802.36	5470910.98	21.00	4.00	17.00
DA11	577824.21	5470868.28	20.50	2.90	17.60
DA12	577882.44	5470985.65	18.00	3.50	14.50
DA13	577824.32	5471005.87	20.50	3.90	16.60
DA14	577833.41	5471045.89	21.00	2.80	18.20
DA15	577842.63	5471084.06	20.50	3.90	16.60
DA16	577851.18	5471131.96	16.50	2.50	14.00
DA17	577840.92	5471213.07	15.00	2.00	13.00
DA18	577829.20	5471234.59	15.00	2.50	12.50
DA19	577816.65	5471246.92	15.00	3.60	11.40
GNP-3			9999.00	4.00	
GNP-4			9999.00	n/a	
GNP-5			9999.00	12.00	
GNP-6			9999.00	6.00	
GNP-9			9999.00	17.00	
GNP-10	575325.00	5473325.00	10.00	20.00	-10.00
GNP-11	575650.00	5473575.00	10.00	6.00	4.00



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
GNP-12	576803.08	5474014.79	7.90	20.00	-12.10
GNP-13	577635.82	5474171.32	4.80	26.00	-21.20
GNP-15A	578243.30	5474378.30	4.80	14.00	-9.20
GNP-16	578343.97	5474404.33	5.05	14.00	-8.95
GNP-17	578540.19	5474467.11	10.00	20.00	-10.00
GNP-20	578285.49	5474965.20	9.75	26.00	-16.25
GNP-20A	578333.31	5474959.99	9.75	26.00	-16.25
GNP-21	578465.46	5474923.83	10.00	28.00	-18.00
GNP-22	578648.33	5474856.65	19.85	36.00	-16.15
GNP-23	578023.11	5473886.73	5.50	20.00	-14.50
GNP-24	578245.23	5473948.12	5.15	20.00	-14.85
GNP-25	578432.13	5473990.81	5.20	16.00	-10.80
GNP-30	581681.27	5472284.48	9.00	6.00	3.00
GNP-31	581561.86	5471915.52	12.50	8.00	4.50
GNP-32	578831.46	5473519.52	5.05	18.00	-12.95
GNP-33	578681.91	5473440.04	5.00	19.00	-14.00
GNP-34	578496.54	5473367.23	4.90	16.00	-11.10
GNP-35	578707.23	5474531.29	12.45	30.00	-17.55
GNP-36	578868.99	5474582.85	15.10	15.50	-0.40
GNP-37	577722.11	5473954.63	5.15	22.00	-16.85
GNP-38	578632.34	5474122.85	12.50	20.00	-7.50
GNP-39	578991.44	5473371.30	4.95	18.00	-13.05
GNP-40	578841.99	5474177.34	15.00	18.00	-3.00
GNP-41	578826.51	5474771.22	17.50	14.00	3.50
GNP-42	577644.22	5475193.47	10.00	22.00	-12.00
GNP-43	577370.57	5475297.62	7.50	20.00	-12.50
GNP-44	577211.24	5475324.52	5.25	22.00	-16.75
GNP-45	579052.71	5474269.56	17.50	30.00	-12.50
GNP-46	577066.41	5475371.92	5.25	30.00	-24.75
GNP-47	576921.65	5475421.31	7.50	20.00	-12.50
GNP-48	578118.48	5475035.03	10.10	28.00	-17.90
GNP-49	577927.47	5475093.98	10.05	22.00	-11.95
GNP-50	576834.46	5475750.29	17.60	30.00	-12.40
GNP-51	576474.62	5475738.04	10.05	16.00	-5.95
GNP-52	576452.31	5475495.90	10.10	20.00	-9.90
GNP-61	579351.57	5473717.64	10.05	9999.00	9999.00
GNP-62	579541.72	5473791.99	7.50	19.00	-11.50
GNP-63	579682.82	5473919.13	12.40	39.00	-26.60
GNP-64	581619.39	5472089.75	12.50	0.00	12.50
GNP-65	581512.53	5471706.02	13.50	0.00	13.50
GNP-66	581478.38	5471496.78	21.00	12.00	9.00
GNP-67	581700.83	5472483.88	9.00	10.00	-1.00
GNP-68	581731.56	5472748.10	12.50	24.00	-11.50
GNP-69	578048.71	5475576.96	12.50	30.00	-17.50
GNP-70	577886.39	5475632.46	12.50	28.00	-15.50
GNP-71	577674.51	5475670.96	12.85	29.00	-16.15



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
GNP-72	577523.12	5475691.43	22.75	23.00	-0.25
GNP-73	577424.32	5475706.64	18.75	24.00	-5.25
GNP-74	577320.91	5475745.71	10.00	31.50	-21.50
GNP-75	577204.70	5475780.14	10.00	32.00	-22.00
GNP-76	576945.23	5475857.18	22.25	39.00	-16.75
GNP-77	576716.33	5475964.01	10.00	18.00	-8.00
GNP-78	578154.23	5474415.65	4.85	14.00	-9.15
GNP-79	578058.19	5474364.17	5.15	18.00	-12.85
GNP-80	577967.01	5474323.76	5.10	18.50	-13.40
GNP-81	577877.54	5474302.38	5.10	18.00	-12.90
GNP-82	577797.53	5474263.45	5.10	21.30	-16.20
GNP-83	577708.07	5474242.07	4.90	21.00	-16.10
GNP-84	577825.40	5473896.52	5.10	19.50	-14.40
GNP-85	577552.91	5474175.28	4.80	20.00	-15.20
GNP-86	580476.65	5472257.35	6.10	8.50	-2.40
GNP-87	580342.71	5472249.10	5.80	20.00	-14.20
GNP-88	577450.74	5474161.95	4.90	21.00	-16.10
GNP-89	577351.66	5474134.32	4.90	19.50	-14.60
GNP-90	577612.73	5474055.66	5.20	21.00	-15.80
GNP-91	577921.06	5473890.86	5.00	18.00	-13.00
GNP-92	578128.62	5473922.24	5.05	20.00	-14.95
GNP-93	578341.08	5473969.44	5.15	19.00	-13.85
GNP-94	578521.94	5474064.57	10.20	19.50	-9.30
GNP-95	578045.96	5472381.58	4.85	19.00	-14.15
GNP-110	577562.81	5473505.34	4.90	9999.00	9999.00
GNP-111	577575.57	5473505.22	5.00	18.50	-13.50
GNP-112	577663.52	5473539.32	5.05	20.50	-15.45
GNP-114	577761.03	5473571.73	5.05	21.00	-15.95
GNP-115	577856.92	5473599.40	5.10	20.50	-15.40
GNP-116	577952.84	5473633.42	5.00	21.50	-16.50
GNP-117	578050.36	5473665.83	5.00	20.50	-15.50
GNP-118	578144.66	5473695.10	5.00	19.50	-14.50
GNP-119	578242.18	5473729.11	5.00	18.00	-13.00
GNP-120	578339.66	5473756.76	5.10	18.50	-13.40
GNP-121	578426.01	5473789.28	5.15	18.00	-12.85
GNP-122	578525.12	5473823.27	5.15	20.50	-15.35
GNP-123	578621.04	5473855.70	5.15	16.50	-11.35
BL02-08	578494.64	5474652.33	9.75	21.50	-11.75
BL07-00	577661.06	5473353.41	4.80	21.00	-16.20
BL07-02	577852.24	5473404.28	5.00	20.00	-15.00
BL07-04	578040.21	5473453.58	5.05	20.00	-14.95
BL07-06	578237.03	5473509.19	5.15	20.00	-14.85
BL08-00	577725.20	5473162.51	5.25	9999.00	9999.00
BL08-02	577916.48	5473214.12	5.20	14.50	-9.30
BL08-04	578114.98	5473264.63	5.10	19.50	-14.40
BL08-06	578309.38	5473319.29	5.00	18.00	-13.00



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL (AHD) m
	EASTING AMG55	NORTHING AMG55			
BL09-03	578161.19	5473074.18	5.15	16.00	-10.85
BL09-05	578349.54	5473150.46	5.05	18.00	-12.95
BL09-07	578540.96	5473223.65	5.10	17.50	-12.40
BL10-00	577748.73	5472690.95	5.15	16.50	-11.35
BL10-02	577931.05	5472766.16	4.90	17.50	-12.60
BL10-04	578118.38	5472844.51	4.95	16.50	-11.55
BL10-06	578307.73	5472916.68	5.00	17.50	-12.50
BL10-08	578494.02	5472992.99	5.20	18.00	-12.80
BL10-10	578681.31	5473065.18	5.05	18.00	-12.95
BL10-12	578870.70	5473142.48	5.35	18.50	-13.15
BL10-14	579053.86	5473218.97	n/a	9999.00	9999.00
BL10-16	579231.80	5473301.98	5.20	19.50	-14.30
BL11-02	577920.26	5472541.33	4.85	15.50	-10.65
BL11-04	578103.47	5472620.74	5.00	17.00	-12.00
BL11-06	578289.73	5472692.95	5.10	19.50	-14.40
BL11-08	578478.06	5472766.15	5.20	19.50	-14.30
BL11-10	578666.40	5472841.41	5.25	19.00	-13.75
BL11-12	578851.66	5472918.75	5.15	16.00	-10.85
BL11-13	578942.74	5472957.95	5.10	17.00	-11.90
BL11-14	579040.02	5472996.06	5.25	20.00	-14.75
BL11-16	579225.26	5473071.35	4.95	20.50	-15.55
BL11-18	579413.06	5473152.70	5.00	15.50	-10.50
BL12-02	578219.32	5472444.39	4.85	19.50	-14.65
BL12-04	578406.78	5472517.77	4.90	19.00	-14.10
BL12-05	578502.95	5472561.00	5.00	18.00	-13.00
BL12-06	578590.68	5472597.14	5.00	17.50	-12.50
BL12-07	578686.81	5472634.41	5.00	14.00	-9.00
BL12-08	578779.34	5472670.51	5.00	14.50	-9.50
BL12-12	579151.95	5472822.33	5.00	17.00	-12.00
BL12-13	579244.42	5472858.16	5.00	20.00	-15.00
BL12-15	579435.52	5472937.48	5.10	15.00	-9.90
BL12-17	579629.15	5473025.58	8.00	15.50	-7.50
BL13-00	577967.94	5472131.88	4.90	17.00	-12.10
BL13-02	578152.98	5472201.70	4.85	20.00	-15.15
BL13-04	578328.46	5472275.19	4.90	22.50	-17.60
BL13-06	578514.71	5472347.38	4.80	13.50	-8.70
BL13-08	578713.01	5472429.01	4.10	13.00	-8.90
BL13-10	578899.27	5472502.40	6.05	17.00	-10.95
BL13-12	579081.95	5472577.02	5.20	16.50	-11.30
BL13-13	579179.29	5472615.46	5.35	16.50	-11.15
BL13-16	579458.62	5472725.82	n/a	9999.00	9999.00
BL14-10	578540.90	5472139.61	5.05	13.00	-7.95
BL14-12	578725.97	5472214.20	5.00	18.00	-13.00
BL14-14	578915.84	5472289.94	9.05	16.50	-7.45
BL14-16	579100.92	5472366.91	12.50	21.50	-9.00
BL14-18	579287.22	5472446.26	5.00	16.00	-11.00
BL14-20	579467.50	5472520.91	5.00	16.50	-11.50



## GREAT NORTHERN PLAIN

## DRILL HOLE LOCATION TABLE

HOLE ID	LOCATION		SURFACE RL AHD m	DEPTH TO B/MENT m	B/MENT RL(AHD) m
	EASTING AMG55	NORTHING AMG55			
SB-1	577082.51	5475154.30	7.50	28.50	-21.00
SB-2	577272.32	5475154.10	7.80	25.50	-17.70
SB-3	577470.06	5475149.07	9.85	31.00	-21.15
SB-4	576967.70	5475158.56	7.50	28.00	-20.50
MG-1	579905.40	5470601.58	25.00	8.00	17.00
MG-2	579990.96	5470656.94	25.00	9.00	16.00
MG-3	580076.46	5470703.82	25.00	25.00	0.00
BT-15A	580481.29	5472193.19	9.10	5.50	3.60
BT-16	580615.29	5472436.70	5.80	10.50	-4.70
BT-17	580733.01	5472601.00	5.95	4.00	1.95
BT-18	580857.54	5472763.30	10.00	8.50	1.50
BT-19	580987.90	5472926.51	10.05	24.00	-13.95
CDH-1	578343.97	5474404.33	5.05	13.80	-8.75
CDH-2	577635.82	5474171.32	4.80	20.54	-15.74
CDH-4	578432.13	5473990.81	5.20	16.70	-11.50
CDH-5	578681.91	5473440.04	5.00	17.90	-12.90
CDH-6	579990.96	5470656.94	25.00	8.60	16.40
CDH-7	580476.65	5472257.35	6.10	8.00	-1.90
CDH-8	579805.23	5471408.96	12.97	18.50	-5.53
CDH-9	578030.54	5472373.13	4.85	19.00	-14.15