

TENNANT CK DRILLING - SE53-14

DLS TECH		PYSTB		AVSL1		PYSTB		PYSTB		MOAL		PYSTB		SBSUB		PYSTB		AVSL1	
ASS. TECH		AAHYD		AVSL1		AAHYD		AA		AASPL		AA		SBSUB		AA		RPT 1	
SAMPLE	FROM	TO	SAMP	SAMP	AS	AV	BI	CU	MO	PE	SS	ZN	AV	PPM	PPM	PPM	PPM	PPM	PPM
NUMBER	(MTRS)	(MTRS)	INTV	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DA587401	0.00	1.00	1.00	DRC															
DA587402	1.00	2.00	1.00	DRC		<0.020	0.3	10											
DA587403	2.00	3.00	1.00	DRC															
DA587404	3.00	4.00	1.00	DRC		<0.020	0.2	5											
DA587405	4.00	5.00	1.00	DRC															
DA587406	5.00	6.00	1.00	DRC		<0.020	0.3	15											
DA587407	6.00	7.00	1.00	DRC															
DA587408	7.00	8.00	1.00	DRC		<0.020	2.1	50											
DA587409	8.00	9.00	1.00	DRC															
DA587410	9.00	10.00	1.00	DRC		<0.020	1.0	15											
DA587411	10.00	11.00	1.00	DRC															
DA587412	11.00	12.00	1.00	DRC		<0.020	1.1	20											
DA587413	12.00	13.00	1.00	DRC															
DA587414	13.00	14.00	1.00	DRC		<0.020	1.1	25											
DA587415	14.00	15.00	1.00	DRC															
DA587416	15.00	16.00	1.00	DRC		<0.020	0.9	20											
DA587417	16.00	17.00	1.00	DRC															
DA587418	17.00	18.00	1.00	DRC		<0.020	0.7	15											
DA587419	18.00	19.00	1.00	DRC															
DA587420	19.00	20.00	1.00	DRC		<0.020	0.7	15											
DA587421	20.00	21.00	1.00	DRC															
DA587422	21.00	22.00	1.00	DRC		<0.020	0.6	25											
DA587423	22.00	23.00	1.00	DRC															
DA587424	23.00	24.00	1.00	DRC		<0.020	0.6	20											
DA587425	24.00	25.00	1.00	DRC															
DA587426	25.00	26.00	1.00	DRC		<0.020	0.4	20											
DA587427	26.00	27.00	1.00	DRC															
DA587428	27.00	28.00	1.00	DRC		<0.020	0.6	10											
DA587429	28.00	29.00	1.00	DRC															
DA587430	29.00	30.00	1.00	DRC		<0.020	0.5	15											

SAMPLING RECORD		PROJECT		DRILLING RECORD	
MATERIAL	DEPTH	SAMPLED BY	REGION	DRILL TYPE	COORDINATES
MAP REF	ARS NO.	DATE	PROJECT TENNANT CK	WATER TABLE	M 7893288.00NN
			DRILLING	R.L.	436095.00NE
			PROSPECT SE53-14	AZM: 355.00	
	FROM	PHOTO NO		DIP: -75.00	HOLE
	TO	BEARING	COST CODE	DATE:	NO TC6027

WESTERN MINING CORPORATION LIMITED
EXPLORATION DIVISION

OPEN FILE

SECOND ANNUAL REPORT
EXPLORATION RETENTION LICENCE 85
DECEMBER 16, 1989 TO DECEMBER 15, 1990

Ref:

1:250,000

NATMAP SE 53-14
Tennant Creek

1:100,000

DM & E 52/5
Tennant Creek

RICHARD EVANS
January, 1991

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1. INTRODUCTION

The Gigantic Exploration Licence, number 4820, on the Tennant Creek (SE 53-14) 1:250,000 was granted to N. Byrne & Associates Pty. Ltd. on November 20, 1985 to cover the area of outcrop around the old Gigantic workings. The E.L. covered an area of thirteen square kilometres (four blocks). The area was considered favourable as it lies within the prospective Carraman Formation of the Lower Proterozoic Warramunga Group of sediments, and is a site of known production from an ironstone orebody typical of the Tennant Creek goldfield.

On August 1, 1988, the E.L. became subject to a Joint Venture between Giant's Reef Mining Pty. Ltd.(GRM) and Western Mining Corporation Limited (WMC). The Joint Venture also includes twelve other Exploration Licences held by GRM and by N. Byrne and Associates Pty. Ltd.

Under the terms of the joint venture, WMC will manage and operate future exploration in the Tennant Creek area, and fieldwork commenced at the end of August, 1988.

In accordance with the provision of the Mining Act 50% of the existing area of the E.L. was relinquished on the third anniversary of granting of the Licence. The two eastern blocks, those containing the old Gigantic workings, were applied for as an Exploration Retention Licence prior to the reduction of E.L. 4820 (See Figure 1). This report deals with the second year of exploration on the Gigantic Mine area as the E.R.L. (number 85).

Exploration work to date has had a twofold objective; firstly to determine if the mineralisation present in the Gigantic ironstones is of mineable proportions; and, secondly to use this known producer as a case study of the style of mineralisation typical for the field.

2. REGIONAL GEOLOGY

Exploration Retention Licence 85 is underlain by the Lower Proterozoic Warramunga Group (see Table 1), part of the Tennant Creek Inlier of exposed Palaeozoic rocks. The area is also within the Black Eye Member of the Carraman Formation which hosts most orebodies in the field. The Gigantic workings lie along the Lone Star line of mines, and are to the east of the Quartz Hill fault - a major structural feature known to influence orebodies in its vicinity.

The Warramunga Group, which lies unconformably on Archean age high grade (amphibolite facies) metamorphic basement (Black & McCulloch, 1984), is a thick succession of variably iron-bearing turbiditic sediments and volcanics. This sequence has been metamorphosed to greenschist facies, folded and cleaved between two episodes of granitic intrusion at 1870 ± 20 Ma to 1846 ± 8 Ma and 1650 - 60 Ma (Black, 1984). It is believed that formation of the massive replacement magnetite/haematite bodies and their later mineralisation occurred during and soon after folding.

These sediments are overlain by the laterally equivalent Carpentarian Tomkinson Creek Beds in the north, and the Hatches Creek Group in the south which are in turn succeeded by Cambrian lithologies.

3. EXPLORATION ACTIVITY

Work during the second year of the Gigantic Exploration Retention Licence (#85) has concentrated on follow-up to work carried out at the Rising Moon Prospect. A further two holes have been drilled into the concealed ironstone body. The first, a diamond drillhole (TCGD26) intersected in excess of 40m of magnetite-chlorite-talc replacement material with local accessory pyrite while a percussion hole aimed to undercut this, TCGC27, found only 15m of similar material. Although anomalous in trace elements, no significant grades of ore minerals was located.

4. EXPENDITURE

Expenditure attributable to this Exploration Licence, for the period December 1989 to November, 1990 is as follows:

	\$
Geology	10 687
Geophysics	2 012
Geochemistry	678
Drafting	747
Analysis	2 299
Leasing	19 950

TOTAL	36 373

A further \$129 947 was distributed to this tenement from the general project running costs, making the annual expenditure a total of \$56 320.

TABLE 1

REGIONAL STRATIGRAPHY

CAMBRIAN		Gum Ridge Formation		
		Helen Springs Volcanics		
CARPENTARIAN	Tomkinson Creek Beds			
	Warramunga Group			
	Carraman Formation			
	Black Eye Member			
LOWER PROTEROZOIC				
	Bernborough Formation			
	Whippet Sandstone			
ARCHEAN				
	Schist to Gneiss after shale, quartzite, greywacke BIF, tuffs, and volcanics			

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(After Williams, in prep.)

TENNANT CK DRILLING - SE53-14

DIG TECH				PYSTB	AUSLI	PYSTB	PYSTB	MOAL	PYSTB	SSSUB	PYSTB	AUSLI
ASS. TECH				AAHYD	AUSLI	AAHYD	AA	AA SPL	AA	SSSUB	AA	RPT 1
SAMPLE	FROM	TO	SAMP	AS	AV	SI	CU	MO	FB	SS	IN	AV
NUMBER	(MTRS)	(MTRS)	INTV TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DA585464	63.30	64.35	1.05 DSPLT	5	<0.020	1.9	10	10.0	<10	<1.00	20	
DA585465	64.35	65.40	1.05 DSPLT	5	<0.020	5.5	45	10.0	<10	4.00	30	
DA585466	65.40	66.60	1.20 DSPLT	5	0.020	2.0	5	19.0	<10	2.00	40	
DA585467	66.60	67.35	0.75 DSPLT	5	0.020	1.8	5	9.0	<10	4.00	30	
DA585468	67.35	68.05	0.70 DSPLT	5	<0.020	1.7	10	5.0	<10	2.00	50	
DA585469	68.05	68.75	0.70 DSPLT	5	<0.020	1.6	10	8.0	<10	2.00	50	
DA585470	68.75	69.65	0.90 DSPLT	5	<0.020	2.1	5	9.0	<10	2.00	30	
DA585471	69.65	70.60	0.95 DSPLT	<5	<0.020	1.4	15	7.0	<10	1.00	20	
DA585472	70.60	71.70	1.10 DSPLT	<5	<0.020	1.2	<5	4.0	<10	1.00	40	
DA585473	71.70	72.50	0.80 DSPLT	5	<0.020	2.7	25	3.0	<10	<1.00	90	
DA585474	72.50	73.55	1.05 DSPLT	<5	<0.020	0.7	10	7.0	<10	<1.00	280	
DA585475	73.55	74.55	1.00 DSPLT	<5	<0.020	0.5	10	8.0	<10	<1.00	200	
DA585476	74.55	75.35	0.80 DSPLT	<5	<0.020	1.0	5	5.0	<10	1.00	40	
DA585477	75.35	76.20	0.85 DSPLT	<5	<0.020	1.3	<5	8.0	<10	1.00	50	
DA585478	76.20	77.65	1.45 DSPLT	<5	<0.020	0.5	10	10.0	<10	2.00	50	
DA585479	77.65	78.55	0.90 DSPLT	<5	<0.020	1.1	5	7.0	<10	2.00	40	
DA585480	78.55	79.60	1.05 DSPLT	<5	<0.020	1.4	20	11.0	<10	1.00	50	
DA585481	79.60	80.45	0.85 DSPLT	<5	<0.020	1.3	10	7.0	<10	1.00	50	
DA585482	80.45	81.30	0.85 DSPLT	<5	<0.020	1.2	15	3.0	<10	2.00	30	
DA585483	81.30	81.50	0.20 DSPLT	<5	<0.020	2.1	20	6.0	20	1.00	80	
DA585484	81.50	82.10	0.60 DSPLT	<5	<0.020	0.9	5	7.0	10	2.00	20	
DA585485	82.10	82.80	0.70 DSPLT	<5	<0.020	1.6	<5	6.0	<10	2.00	20	
DA585486	82.80	83.45	1.25 DSPLT	<5	<0.020	2.3	5	8.0	10	2.00	30	
DA585487	83.45	84.60	1.15 DSPLT	<5	0.020	3.2	5	5.0	<10	2.00	40	
DA585488	84.60	85.70	1.10 DSPLT	<5	<0.020	1.3	<5	6.0	<10	4.00	30	
DA585489	85.70	86.60	0.90 DSPLT	<5	0.020	2.5	<5	4.0	<10	3.00	50	
DA585490	86.60	87.45	0.85 DSPLT	<5	0.020	3.5	10	7.0	<10	8.00	40	
DA585491	87.45	88.20	0.75 DSPLT	<5	0.020	2.7	5	6.0	<10	3.00	50	
DA585492	88.20	89.05	0.85 DSPLT	<5	<0.020	2.3	5	6.0	10	2.00	70	
DA585493	89.05	90.50	1.45 DSPLT	<5	0.020	2.4	5	5.0	10	2.00	70	

SAMPLING RECORD		PROJECT		DRILLING RECORD	
MATERIAL	DEPTH	SAMPLED BY	REGION	DRILL TYPE	COORDINATES
MAR REF	ARS NO	DATE	PROJECT TENNANT CK	WATER TABLE	M 7834313.00NM
			DRILLING	R.L.	436095.00NE
			PROSPECT SE53-14	AZM: 356.00	
	FROM	PHOTO NO		DIP: -70.00	HOLE
	TO	BEARING	COST CODE	DATE:	NO TC6025

TENNANT CK DRILLING - SE53-14

DIG. TECH		ASS. TECH		PYSTB		AUSLI		PYSTB		PYSTB		MOHL		PYSTB		SSSUS		PYSTB		AUSLI							
SAMPLE		FROM		TO		SAMP		SAMP		AS		AU		E1		CU		MO		PB		SB		ZN		AV	
NUMBER		(MTRS)		(MTRS)		INTV		TYPE		PPM		PPM		PPM		PPM		PPM		PPM		PPM		PPM		PPM	
DA585494	90.50	91.20	0.70	DSPLT	<5	<0.020	1.5	5	6.0	20	2.00	60															
DA585495	91.20	92.20	1.00	DSPLT	<5	<0.020	1.2	<5	5.0	10	1.00	30															
DA585496	92.20	92.95	0.75	DSPLT	<5	<0.020	1.2	<5	4.0	10	1.00	40															
DA585497	92.95	93.75	0.80	DSPLT	<5	<0.020	1.8	<5	6.0	<10	1.00	30															
DA585498	93.75	94.55	0.80	DSPLT	<0.020																						
DA585499	94.55	95.44	0.89	DSPLT	<0.020																						
DA585500	95.44	95.90	0.46	DSPLT	<0.020																						
DA585501	95.90	97.15	1.25	DCHIP	<0.020																						
DA585502	97.15	97.50	0.35	DSPLT	<0.020																						
DA585503	97.50	98.70	1.20	DCHIP	<0.020																						
DA585504	98.70	100.20	1.50	DSPLT	<0.020																						
DA585505	100.20	100.75	0.55	DSPLT	<0.020																						
DA585506	100.75	101.45	0.70	DSPLT	<0.020																						
DA585507	101.45	102.15	0.70	DSPLT	<0.020																						
DA585508	102.15	102.60	0.45	DSPLT	<0.020																						
DA585509	102.60	103.15	0.55	DSPLT	<0.020																						
DA585510	103.15	104.50	1.35	DSPLT	<0.020																						
DA585511	104.50	107.15	2.65	DCHIP	<0.020																						
DA585512	107.15	107.90	0.75	DSPLT	<0.020																						
DA585513	107.90	108.50	0.60	DSPLT	<0.020																						
DA585514	108.50	110.55	2.05	DCHIP	<0.020																						
DA585515	110.55	111.65	1.10	DSPLT	<0.020																						
DA585516	111.65	114.00	2.35	DCHIP	<0.020																						
DA585517	114.00	114.90	0.90	DSPLT	<0.020																						
DA585518	114.90	117.45	2.55	DCHIP	<0.020																						
DA585519	117.45	120.80	3.35	DCHIP	<0.020																						
DA585520	120.80	124.30	3.50	DCHIP	<0.020																						
DA585521	124.30	127.75	3.45	DCHIP	<0.020																						
DA585522	127.75	131.20	3.45	DCHIP	<0.020																						

SAMPLING RECORD		SAMPLED BY
MATERIAL	DEPTH	
NAP REF	ARS NO	DATE
	FROM	PHOTO NO
	TO	BEARING

PROJECT	
REGION	TENNANT CK
PROJECT	DRILLING
PROSPECT	SE53-14
COST CODE	

DRILLING RECORD	
DRILL TYPE	COORDINATES
WATER TABLE	M 7834313.00NN
R.L.	M 436095.00NE
AZM:	355.00
DIP:	-70.00
DATE:	HOLE NO TC6026

TENNANT CK DRILLING - SE53-14

DIS TECH		ASS TECH		PYSTB		AUSLI		PYSTB		PYSTB		SBSUB		PYSTB		AUSLI	
SAMPLE		FROM		TO		SAMP		SAMP		AS		AU		BI		CU	
NUMBER		(MTRS)		(MTRS)		INTV		TYPE		PPM		PPM		PPM		PPM	
DA587401	0.00	1.00	1.00	DRC													
DA587402	1.00	2.00	1.00	DRC													
DA587403	2.00	3.00	1.00	DRC													
DA587404	3.00	4.00	1.00	DRC													
DA587405	4.00	5.00	1.00	DRC													
DA587406	5.00	6.00	1.00	DRC													
DA587407	6.00	7.00	1.00	DRC													
DA587408	7.00	8.00	1.00	DRC													
DA587409	8.00	9.00	1.00	DRC													
DA587410	9.00	10.00	1.00	DRC													
DA587411	10.00	11.00	1.00	DRC													
DA587412	11.00	12.00	1.00	DRC													
DA587413	12.00	13.00	1.00	DRC													
DA587414	13.00	14.00	1.00	DRC													
DA587415	14.00	15.00	1.00	DRC													
DA587416	15.00	16.00	1.00	DRC													
DA587417	16.00	17.00	1.00	DRC													
DA587418	17.00	18.00	1.00	DRC													
DA587419	18.00	19.00	1.00	DRC													
DA587420	19.00	20.00	1.00	DRC													
DA587421	20.00	21.00	1.00	DRC													
DA587422	21.00	22.00	1.00	DRC													
DA587423	22.00	23.00	1.00	DRC													
DA587424	23.00	24.00	1.00	DRC													
DA587425	24.00	25.00	1.00	DRC													
DA587426	25.00	26.00	1.00	DRC													
DA587427	26.00	27.00	1.00	DRC													
DA587428	27.00	28.00	1.00	DRC													
DA587429	28.00	29.00	1.00	DRC													
DA587430	29.00	30.00	1.00	DRC													

SAMPLING RECORD		PROJECT		DRILLING RECORD	
MATERIAL	DEPTH	SAMPLED BY	REGION	DRILL TYPE	COORDINATES
MAP REF	ARS NO.	DATE	PROJECT TENNANT CK	WATER TABLE	M 7893288.00NN
			DRILLING	R.L.	M 436095.00NE
			PROSPECT SE53-14	AZM: 356.00	
				DIP: -75.00	HOLE
				DATE:	NO TC6C27

TENNANT CK DRILLING - SE53-14

SIG. TECH		PYSTB		AUSLI		PYSTB		PYSTB		AUSLI		PYSTB		AUSLI	
ASS. TECH		AAHYD		AUSLI		AAHYD		AA		AUSLI		AAHYD		AUSLI	
SAMPLE	FROM	TO	SAMP	SAMP	AS	AU	SI	CU	MO	PS	SS	ZN	AV	RPT	1
NUMBER	(MTRS)	(MTRS)	INTV	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DA587431	30.00	31.00	1.00	DRC											
DA587432	31.00	32.00	1.00	DRC		<0.020	0.6	15							
DA587433	32.00	33.00	1.00	DRC											
DA587434	33.00	34.00	1.00	DRC		<0.020	0.6	45							
DA587435	34.00	35.00	1.00	DRC											
DA587436	35.00	36.00	1.00	DRC		<0.020	0.4	30							
DA587437	36.00	37.00	1.00	DRC											
DA587438	37.00	38.00	1.00	DRC		<0.020	0.6	75							
DA587439	38.00	39.00	1.00	DRC											
DA587440	39.00	40.00	1.00	DRC		<0.020	0.3	40							
DA587441	40.00	41.00	1.00	DRC											
DA587442	41.00	42.00	1.00	DRC		<0.020	0.7	25							
DA587443	42.00	43.00	1.00	DRC											
DA587444	43.00	44.00	1.00	DRC		<0.020	0.5	10							
DA587445	44.00	45.00	1.00	DRC											
DA587446	45.00	46.00	1.00	DRC		<0.020	0.4	5							
DA587447	46.00	47.00	1.00	DRC											
DA587448	47.00	48.00	1.00	DRC		<0.020	0.4	10							
DA587449	48.00	49.00	1.00	DRC											
DA587450	49.00	50.00	1.00	DRC		<0.020	0.7	10							
DA587451	50.00	51.00	1.00	DRC											
DA587452	51.00	52.00	1.00	DRC		<0.020	0.6	10							
DA587453	52.00	53.00	1.00	DRC											
DA587454	53.00	54.00	1.00	DRC		<0.020	0.8	10							
DA587455	54.00	55.00	1.00	DRC											
DA587456	55.00	56.00	1.00	DRC		<0.020	0.8	10							
DA587457	56.00	57.00	1.00	DRC											
DA587458	57.00	58.00	1.00	DRC		<0.020	0.5	15							
DA587459	58.00	59.00	1.00	DRC											
DA587460	59.00	60.00	1.00	DRC		<0.020	0.3	5							

SAMPLING RECORD		PROJECT		DRILLING RECORD	
MATERIAL	DEPTH	SAMPLED BY	REGION	DRILL TYPE	COORDINATES
MAP REF	ARS NO	DATE	PROJECT TENNANT CK	WATER TABLE	M 7833288.00MN
	FROM	PHOTO NO	DRILLING	R.L.	436095.00ME
	TO	BEARING	PROSPECT SE53-14	AZM: 356.00	
			COST CODE	DIP: -75.00	HOLE
				DATE:	NO TC6C27

TENNANT CK DRILLING - SE53-14

DIG. TECH					PYSTB	AUSL1	PYSTB	PYSTB	MOAL	PYSTB	SSSUS	PYSTB	AUSL1
ASS. TECH					AAHYD	AUSL1	AAHYD	AA	AASPL	AA	SSSUS	AA	RPT 1
SAMPLE	FROM	TO	SAMP	SAMP	AS	AV	BI	CU	MO	PG	SS	ZN	AU
NUMBER	(MTRS)	(MTRS)	INTV	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DA587461	60.00	61.00	1.00	DRC									
DA587462	61.00	62.00	1.00	DRC		<0.020	0.8	15					
DA587463	62.00	63.00	1.00	DRC									
DA587464	63.00	64.00	1.00	DRC		<0.020	0.4	10					
DA587465	64.00	65.00	1.00	DRC									
DA587466	65.00	66.00	1.00	DRC		<0.020	0.4	5					
DA587467	66.00	67.00	1.00	DRC									
DA587468	67.00	68.00	1.00	DRC		<0.020	0.5	205					
DA587469	68.00	69.00	1.00	DRC		<0.020					8.00		
DA587470	69.00	70.00	1.00	DRC		<0.020					6.00		
DA587471	70.00	71.00	1.00	DRC		<0.020					2.00		
DA587472	71.00	72.00	1.00	DRC		<0.020	0.2	95					
DA587473	72.00	73.00	1.00	DRC									
DA587474	73.00	74.00	1.00	DRC		<0.020	0.3	90					
DA587475	74.00	75.00	1.00	DRC									
DA587476	75.00	76.00	1.00	DRC		<0.020	3.6	45					
DA587477	76.00	77.00	1.00	DRC									
DA587478	77.00	78.00	1.00	DRC		<0.020	2.1	105					
DA587479	78.00	79.00	1.00	DRC									
DA587480	79.00	80.00	1.00	DRC		<0.020	14.1	310					
DA587481	80.00	81.00	1.00	DRC									
DA587482	81.00	82.00	1.00	DRC		<0.020	9.1	140					
DA587483	82.00	83.00	1.00	DRC									
DA587484	83.00	84.00	1.00	DRC		<0.020	7.7	100					
DA587485	84.00	85.00	1.00	DRC									
DA587486	85.00	86.00	1.00	DRC		<0.020	14.6	20					
DA587487	86.00	87.00	1.00	DRC									
DA587488	87.00	88.00	1.00	DRC		<0.020	4.2	20					
DA587489	88.00	89.00	1.00	DRC									
DA587490	89.00	90.00	1.00	DRC		<0.020	1.3	25					

SAMPLING RECORD

PROJECT

DRILLING RECORD

MATERIAL

DEPTH

SAMPLED BY

REGION

DRILL TYPE

COORDINATES

MAP REF

ARS NO

DATE

PROJECT TENNANT CK

WATER TABLE

M 7833288.00MN

FROM
TOPHOTO NO
BEARING

DRILLING

R.L.

M

436095.00ME

PROSPECT SE53-14

AZM: 356.00

DIP: -75.00

HOLE

COST CODE

DATE:

NO TC6C27

TENNANT CK DRILLING

- SE53-14

DIG. TECH		ASS. TECH		SAMP SAMP		PYSTB		AUSL1		PYSTB		MOAL		PYSTB		SSSUS		PYSTB		AUSL1	
SAMPLE	FROM	TO	INTV	TYPE	AS	AU	SI	CU	NO	PS	SS	ZN	AU	RPT 1							
NUMBER	(MTRS)	(MTRS)			PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM								
DA587491	90.00	91.00	1.00	DRC																	
DA587492	91.00	92.00	1.00	DRC		<0.020	2.8	100													
DA587493	92.00	93.00	1.00	DRC																	
DA587494	93.00	94.00	1.00	DRC		<0.020	7.7	95													
DA587495	94.00	95.00	1.00	DRC																	
DA587496	95.00	96.00	1.00	DRC		<0.020	13.4	340													
DA587497	96.00	97.00	1.00	DRC																	
DA587498	97.00	98.00	1.00	DRC		<0.020	6.9	260													
DA587499	98.00	99.00	1.00	DRC																	
DA587500	99.00	100.00	1.00	DRC		<0.020	2.4	160													
DA587501	100.00	101.00	1.00	DRC																	
DA587502	101.00	102.00	1.00	DRC		<0.020	0.7	75													
DA587503	102.00	103.00	1.00	DRC																	
DA587504	103.00	104.00	1.00	DRC		<0.020	0.2	40													
DA587505	104.00	105.00	1.00	DRC																	
DA587506	105.00	106.00	1.00	DRC		<0.020	0.5	50													
DA587507	106.00	107.00	1.00	DRC																	
DA587508	107.00	108.00	1.00	DRC		<0.020	1.1	40													
DA587509	108.00	109.00	1.00	DRC																	
DA587510	109.00	110.00	1.00	DRC		<0.020	0.9	50													
DA587511	110.00	111.00	1.00	DRC																	
DA587512	111.00	112.00	1.00	DRC		<0.020	2.0	220													
DA587513	112.00	113.00	1.00	DRC																	
DA587514	113.00	114.00	1.00	DRC		<0.020	0.6	55													
DA587515	114.00	115.00	1.00	DRC																	
DA587516	115.00	116.00	1.00	DRC		<0.020	2.5	155													
DA587517	116.00	117.00	1.00	DRC																	
DA587518	117.00	118.00	1.00	DRC		<0.020	2.0	125													
DA587519	118.00	119.00	1.00	DRC																	
DA587520	119.00	120.00	1.00	DRC		<0.020	0.7	55													

SAMPLING RECORD		PROJECT		DRILLING RECORD	
MATERIAL	DEPTH	SAMPLED BY	REGION	DRILL TYPE	COORDINATES
			PROJECT TENNANT CK	WATER TABLE	M 7833288.00MN
			DRILLING	R.L.	M 436095.00ME
			PROSPECT SE53-14	A2M: 356.00	
				DIP: -75.00	HOLE
				DATE:	NO TC6C27

TENNANT CK DRILLING - SE53-14

DIG TECH		PYSTB		AUSLI		PYSTB		PYSTB		MOAL		PYSTB		SBSUB		PYSTB		AUSLI	
ASS TECH		AAHYD		AUSLI		AAHYD		AA		AASPL		AA		SBSUB		AA		RPT 1	
SAMPLE	FROM	TO	SAMP	SAMP	AS	AV	E1	CU	MO	PS	SS	ZN	AV	PPM	PPM	PPM	PPM	PPM	PPM
NUMBER	(MTRS)	(MTRS)	INTV	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
DA587521	120.00	121.00	1.00	DRC															
DA587522	121.00	122.00	1.00	DRC		<0.020	0.4	15											
DA587523	122.00	123.00	1.00	DRC		0.020									1.00				
DA587524	123.00	124.00	1.00	DRC		<0.020									<1.00				
DA587525	124.00	125.00	1.00	DRC		<0.020									2.00				
DA587526	125.00	126.00	1.00	DRC		<0.020									<1.00				
DA587527	126.00	127.00	1.00	DRC		<0.020									1.00				
DA587528	127.00	128.00	1.00	DRC		<0.020									<1.00				
DA587529	128.00	129.00	1.00	DRC		<0.020									1.00				
DA587530	129.00	130.00	1.00	DRC		<0.020									1.00				
DA587531	130.00	131.00	1.00	DRC		<0.020									2.00				
DA587532	131.00	132.00	1.00	DRC		<0.020									2.00				
DA587533	132.00	133.00	1.00	DRC		<0.020									1.00				
DA587534	133.00	134.00	1.00	DRC		<0.020									2.00				
DA587535	134.00	135.00	1.00	DRC		<0.020									1.00				
DA587536	135.00	136.00	1.00	DRC		<0.020									1.00				
DA587537	136.00	137.00	1.00	DRC		<0.020									2.00				
DA587538	137.00	138.00	1.00	DRC		<0.020									6.00				
DA587539	138.00	139.00	1.00	DRC		<0.020									11.00				
DA587540	139.00	140.00	1.00	DRC		<0.020									1.00				
DA587541	140.00	141.00	1.00	DRC		<0.020									<1.00				
DA587542	141.00	142.00	1.00	DRC		<0.020									<1.00				
DA587543	142.00	143.00	1.00	DRC		<0.020									<1.00				
DA587544	143.00	144.00	1.00	DRC		<0.020									<1.00				
DA587545	144.00	145.00	1.00	DRC		<0.020									<1.00				
DA587546	145.00	146.00	1.00	DRC		<0.020									<1.00				
DA587547	146.00	147.00	1.00	DRC		<0.020									<1.00				
DA587548	147.00	148.00	1.00	DRC		<0.020									<1.00				
DA587549	148.00	149.00	1.00	DRC		<0.020									<1.00				
DA587550	149.00	150.00	1.00	DRC		0.030									<1.00				

SAMPLING RECORD

MATERIAL	DEPTH	SAMPLED BY
MAP REF	ARS NO	DATE
	FROM	PHOTO NO
	TO	BEARING

PROJECT

REGION	PROJECT
TENNANT CK	DRILLING
PROSPECT	SE53-14
COST CODE	

DRILLING RECORD

DRILL TYPE	COORDINATES
WATER TABLE	N 7833288.00MN
R.L.	436095.00ME
AZM:	356.00
DIP:	-75.00
DATE:	HOLE NO TC6C27

TENNANT CK DRILLING - SE53-14

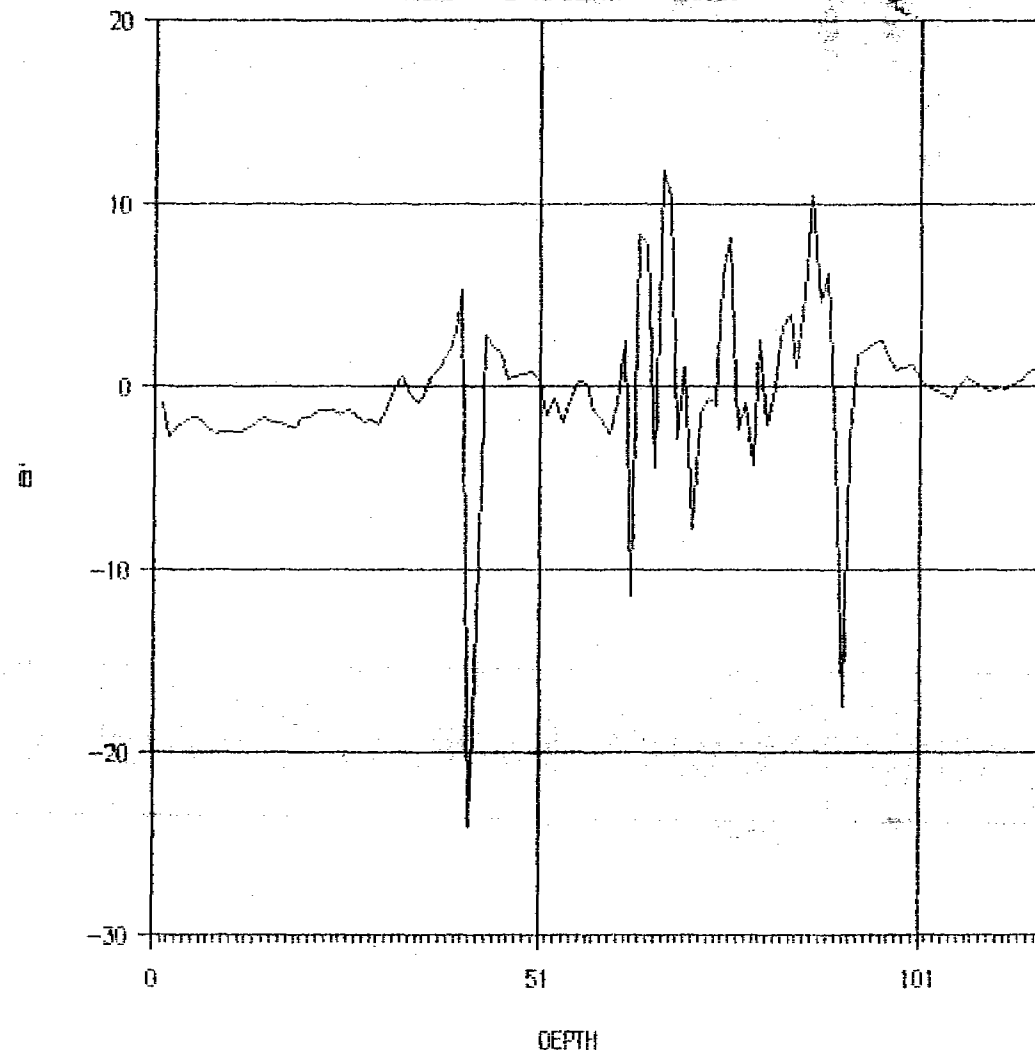
DIG. TECH	ASS. TECH	PYSTB	AUSL1	PYSTB	PYSTB	MOAL	PYSTB	SBSUB	PYSTB	AUSL1			
		AAHYD	AUSL1	AAHYD	AA	AASPL	AA	SBSUB	AA	RPT 1			
SAMPLE	FROM	TO	SAMP	SAMP	AS	AV	BI	CU	NO	PS	SS	ZN	RU
NUMBER	(INTRS)	(INTRS)	INTV	TYPE	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
04587551	150.00	151.00	1.00	DRC		<0.020					<1.00		
04587552	151.00	152.00	1.00	DRC		<0.020					<1.00		
04587553	152.00	153.00	1.00	DRC		<0.020					<1.00		

SAMPLING RECORD			PROJECT		DRILLING RECORD	
MATERIAL	DEPTH	SAMPLED BY	REGION		DRILL TYPE	COORDINATES
MAP REF	ARS NO	DATE	PROJECT	TENNANT CK	WATER TABLE	N 7833288.00MN
				DRILLING	R.L.	436095.00ME
			PROSPECT	SE53-14	AZM:	356.00
	FROM	PHOTO NO			DIP:	-75.00
	TO	BEARING	COST CODE		DATE:	HOLE
						NO TC6C27



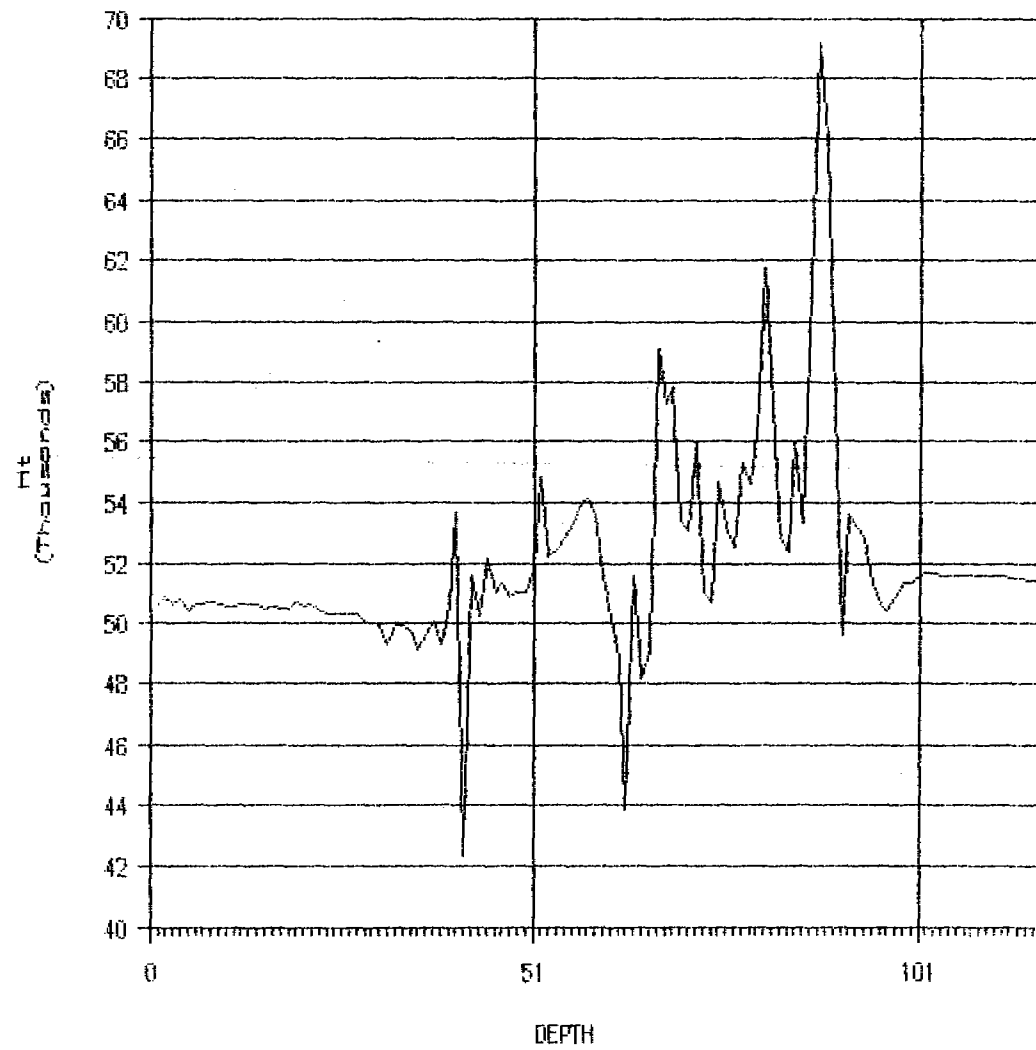
SURTRON TECHNOLOGIES PVT LTD

A.D.L B' vs DEPTH TCG026



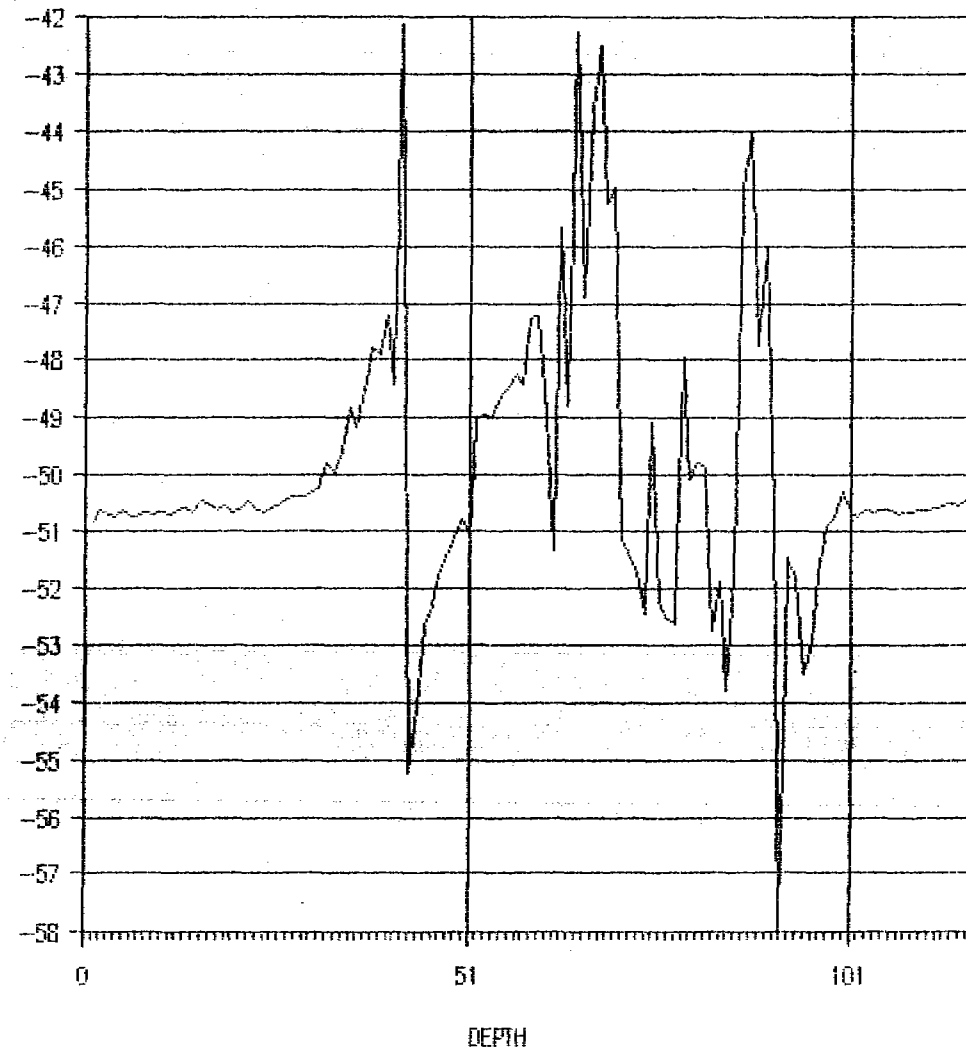
SURTRON TECHNOLOGIES PTY LTD

A.D.L. HI vs DEPTH TCG026



SURTRON TECHNOLOGIES PTY LTD

A.D.L. i vs DEPTH TCG026



SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116

COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TCGD26
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 16-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGD26B.ADL

d	I	B'	Ht	i
2	20.804	-0.952	50605	-50.823
3	19.789	-2.755	50849	-50.611
4	19.837	-2.225	50643	-50.703
5	19.888	-1.912	50770	-50.722
6	20.028	-1.667	50357	-50.630
7	20.025	-1.781	50627	-50.732
8	20.050	-2.217	50604	-50.741
9	20.078	-2.646	50703	-50.641
10	20.169	-2.540	50671	-50.699
11	20.170	-2.406	50562	-50.636
12	20.277	-2.436	50580	-50.682
13	20.205	-2.387	50613	-50.638
14	20.085	-2.011	50623	-50.562
15	20.145	-1.717	50613	-50.665
16	20.232	-1.963	50500	-50.440
17	20.256	-1.968	50531	-50.542
18	20.402	-2.232	50481	-50.631
19	20.372	-2.228	50454	-50.542
20	20.335	-1.740	50723	-50.655
21	20.425	-1.752	50575	-50.601
22	20.507	-1.290	50655	-50.456
23	20.589	-1.287	50403	-50.590
24	20.697	-1.249	50342	-50.648
25	20.692	-1.580	50335	-50.584
26	20.601	-1.276	50351	-50.526
27	20.649	-1.516	50340	-50.426
28	20.720	-1.987	50302	-50.369
29	20.806	-1.861	50033	-50.382
30	20.854	-2.028	49980	-50.312
31	20.769	-1.229	49903	-50.234
32	20.727	-0.126	49289	-49.771
33	20.746	0.481	49947	-49.962
34	20.755	-0.343	49897	-49.561
35	20.773	-0.927	49664	-48.833
36	20.841	-0.514	49173	-49.142
37	20.853	0.538	49609	-48.518
38	20.855	1.001	50056	-47.784
39	20.810	1.722	49296	-47.877
40	20.849	3.008	50602	-47.243

DOWNHOLE MAGNETOMETER SURVEY

SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116

COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TCGD26
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 16-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGD26B.ADL

d	I	B'	Ht	i
41	20.939	5.280	53695	-48.407
42	21.020	-24.053	42377	-42.137
43	20.958	-12.612	51616	-55.217
44	20.850	2.811	50229	-54.084
45	20.939	2.118	52138	-52.671
46	20.945	1.662	51017	-52.295
47	20.953	0.457	51319	-51.779
48	21.044	0.585	50837	-51.461
49	21.104	0.694	51012	-51.128
50	20.926	0.810	51044	-50.790
51	20.967	0.314	51841	-51.088
52	21.189	-1.585	54903	-49.016
53	21.324	-0.694	52230	-48.934
54	21.461	-1.954	52471	-48.972
55	21.086	-0.688	52813	-48.584
56	20.956	0.295	53267	-48.443
57	21.082	0.094	53969	-48.229
58	21.043	-1.309	54186	-48.387
59	21.146	-1.894	53638	-47.277
60	21.250	-2.578	51579	-47.244
61	21.356	-0.884	50152	-48.952
62	21.321	2.504	48934	-51.340
63	21.299	-11.333	43902	-45.681
64	21.276	8.289	51610	-48.759
65	21.195	7.768	48209	-42.239
66	21.071	-4.468	49091	-46.894
67	20.920	11.753	59128	-43.613
68	20.837	10.296	57293	-42.473
69	20.962	-2.883	57816	-45.266
70	21.050	1.098	53367	-44.964
71	21.072	-7.879	53038	-51.166
72	21.147	-1.399	55987	-51.390
73	21.189	-0.700	51051	-51.702
74	20.891	-1.083	50680	-52.465
75	20.966	5.957	54753	-49.086
76	21.006	8.128	53203	-52.200
77	21.001	-2.393	52500	-52.536
78	21.033	-0.910	55299	-52.628
79	21.047	-4.354	54633	-47.923

SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116

COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TCGD26
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 16-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGD26B.ADL

d	I	B'	Ht	i
80	20.889	2.506	56275	-50.080
81	20.891	-2.040	61746	-49.782
82	20.943	-0.120	57182	-49.848
83	20.961	3.240	52839	-52.723
84	21.028	3.916	52333	-51.867
85	21.010	1.038	56036	-53.805
86	20.848	4.921	53323	-51.725
87	20.845	10.426	61113	-44.947
88	20.876	4.553	69232	-44.044
89	20.950	6.120	66068	-47.695
90	21.004	-3.613	57326	-46.055
91	21.047	-17.562	49614	-50.599
92	20.873	-2.874	53583	-58.042
93	20.873	1.766	53215	-51.465
94	20.902	1.965	52830	-51.808
95	20.882	2.372	51348	-53.491
96	20.947	2.471	50650	-52.955
97	21.020	1.644	50436	-51.765
98	20.837	0.973	50829	-50.914
99	20.900	1.086	51368	-50.738
100	20.954	1.196	51319	-50.289
101	20.784	0.422	51579	-50.652
102	20.865	-0.043	51677	-50.717
103	20.906	-0.247	51651	-50.625
104	20.741	-0.416	51614	-50.636
105	20.800	-0.657	51600	-50.594
106	20.750	0.056	51598	-50.626
107	20.777	0.601	51605	-50.680
108	20.873	0.282	51571	-50.651
109	20.879	-0.029	51584	-50.639
110	20.694	-0.239	51546	-50.615
111	20.765	-0.086	51550	-50.601
112	20.888	-0.124	51537	-50.575
113	20.882	0.043	51507	-50.545
114	20.792	0.227	51453	-50.491
115	20.764	0.759	51449	-50.515
116	20.744	0.958	51438	-50.450
117	20.792	0.717	51416	-50.438
118	20.815	0.203	51413	-50.421

DOWNHOLE MAGNETOMETER SURVEY

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGD26
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 16-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGD26A.ADL

EASTING???		NORTHING ???			RL ???			
SHOT	d	Hx	Hy	Hx	Gx	Gy	Gz	TEMP
4	2	-32654	-29216	-25319	-267.2	-233.3	933.6	27.28
6	3	-30444	-31295	-26066	-244.2	-233.8	939.6	27.46
8	4	-32478	-28687	-25990	-259.6	-217.9	939.5	27.46
10	5	-34772	-26287	-26028	-275.9	-198.1	938.9	27.76
12	6	-29520	-31733	-25640	-238.3	-245.4	938.4	27.83
14	7	-27430	-33795	-25858	-221.6	-260.6	938.6	27.89
16	8	8626	-42647	-25837	58.3	-337.4	938.2	28.07
18	9	43378	-4381	-25793	339.2	-49.9	938.0	28.13
20	10	42573	9590	-25751	338.3	64.7	937.7	28.19
22	11	23579	36644	-25646	195.2	283.7	937.5	28.13
24	12	21554	37920	-25609	180.4	295.5	937.1	28.13
26	13	21082	38203	-25647	175.8	296.7	937.1	28.31
28	14	1200	43608	-25682	18.3	342.5	938.0	28.37
30	15	-15871	40607	-25708	-118.1	323.0	937.5	28.50
32	16	-14660	41102	-25415	-107.8	328.2	937.3	28.44
34	17	-15094	40937	-25490	-111.4	327.4	937.1	28.50
36	18	-13975	41312	-25424	-102.1	332.9	936.2	28.50
38	19	-27727	33667	-25365	-213.2	274.5	936.0	28.50
40	20	-27810	-33815	-25612	-226.4	-263.1	936.6	28.44
42	21	15006	-41082	-25427	112.3	-330.1	936.3	28.56
44	22	22155	-37888	-25291	171.7	-305.1	936.0	28.62
46	23	23671	-36872	-25205	185.6	-298.2	935.0	28.68
48	24	27823	-33591	-25136	220.8	-275.4	934.3	28.62
50	25	38976	-19621	-25090	312.1	-165.1	934.8	28.68
52	26	43572	-2379	-25121	350.7	-24.9	935.3	28.68
54	27	42684	9325	-25004	345.6	68.5	934.9	28.62
56	28	21886	37839	-24890	184.6	301.2	933.9	28.68
58	29	22718	37109	-24701	192.4	296.1	933.7	28.80
60	30	24938	35659	-24587	211.2	285.9	933.1	28.74
62	31	27037	34009	-24549	224.8	273.8	934.1	28.68
64	32	11732	41463	-23929	96.8	340.0	934.2	28.62
66	33	-7336	42971	-24380	-61.7	348.4	934.1	28.62
68	34	-14910	41102	-24043	-119.2	333.2	933.8	28.62
70	35	-16575	40570	-23363	-130.0	329.5	933.8	28.62
72	36	-10287	42055	-23313	-82.1	345.6	933.1	28.62
74	37	-20457	38869	-23034	-167.9	313.2	932.9	28.62
76	38	-42312	14188	-22672	-338.6	108.6	933.4	28.68
78	39	-37660	-22548	-22436	-300.2	-189.1	933.5	28.74
80	40	-36783	-26501	-22512	-279.9	-219.2	933.5	28.74

DOWNHOLE MAGNETOMETER SURVEY

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGD26
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 16-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGD26A.ADL

EASTING???		NORTHING ???			RL ???			TEMP
SHOT	d	Hx	Hy	Hx	Gx	Gy	Gz	
82	41	-39018	-27288	-24821	-277.8	-224.3	933.1	28.74
84	42	-17842	-34938	-16246	-257.3	-249.4	932.5	28.80
86	43	-29223	-30840	-29310	-282.2	-219.2	932.9	28.80
88	44	-22741	-35317	-27541	-182.1	-305.4	933.6	28.80
90	45	22683	-38098	-27429	190.7	-301.9	933.2	28.80
92	46	38505	-20380	-26547	319.1	-160.5	933.2	28.80
94	47	41307	-15355	-26298	335.7	-122.6	933.3	28.74
96	48	42287	-11565	-25739	346.8	-92.1	932.6	28.62
98	49	43812	5583	-25525	356.4	48.6	932.0	28.68
100	50	37552	23436	-25418	300.7	192.0	933.0	28.80
102	51	18373	40903	-26016	145.1	326.5	932.4	28.80
104	52	31874	36624	-25634	242.5	267.5	931.4	28.74
106	53	32789	32663	-24207	259.6	254.0	930.4	28.80
108	54	31272	34460	-24245	252.4	264.4	929.8	28.80
110	55	36192	29744	-24386	279.7	225.7	932.1	28.80
112	56	34130	32682	-24585	257.1	248.1	932.9	28.86
114	57	22089	42642	-24624	164.8	319.1	931.6	28.86
116	58	10512	46968	-24892	84.3	348.6	932.2	28.92
118	59	21821	42924	-23631	171.3	317.1	931.8	28.92
120	60	28136	36840	-22619	229.4	280.1	931.0	28.86
122	61	36423	25471	-23233	300.4	205.0	930.1	28.86
124	62	34481	24611	-24492	288.8	220.2	930.5	28.99
126	63	11128	38304	-18341	152.7	329.1	930.6	28.92
128	64	16550	42618	-23946	94.2	350.0	930.8	28.86
130	65	15104	42334	-17430	84.1	351.0	930.8	28.99
132	66	-8423	43702	-21420	-31.1	357.7	931.9	28.92
134	67	-13773	52644	-23132	-144.3	325.9	932.4	28.86
136	68	-53132	1716	-21366	-353.1	-39.1	933.4	28.86
138	69	-9639	-51795	-23814	-79.0	-348.6	933.0	28.86
140	70	16243	-46001	-21636	124.5	-336.6	932.5	28.92
142	71	40965	-20533	-26707	303.5	-192.1	932.2	29.05
144	72	48244	-3416	-28203	359.1	-31.8	932.0	29.05
146	73	42786	10184	-25921	351.9	80.5	931.2	28.86
148	74	42722	6248	-26538	353.3	46.8	933.7	29.05
150	75	42037	-23691	-25875	324.1	-151.0	933.1	28.99
152	76	38570	-24023	-27674	321.6	-157.5	932.6	29.05
154	77	43925	-8505	-27468	349.3	-78.5	932.6	29.05
156	78	44277	16065	-28974	338.5	118.5	932.7	29.11
158	79	41852	24928	-24735	318.2	165.7	932.3	29.17

DOWNHOLE MAGNETOMETER SURVEY

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGD26
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 16-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGD26A.ADL

EASTING???		NORTHING ???			RL ???			
SHOT	d	Hx	Hy	Hz	Gx	Gy	Gz	TEMP
160	80	38589	30394	-27459	272.5	229.2	933.0	29.11
162	81	25357	47740	-29842	175.3	310.1	933.3	29.11
164	82	26770	42299	-27640	191.4	301.4	932.9	29.11
166	83	21055	39674	-27832	154.6	322.0	932.4	29.23
168	84	2069	44870	-26854	-1.1	358.4	932.3	29.11
170	85	-18329	43391	-30353	-143.5	328.0	932.2	29.11
172	86	-40164	21887	-27408	-322.0	150.4	933.2	29.17
174	87	-53390	-15770	-25211	-323.3	-147.6	933.4	29.11
176	88	-28291	-56989	-27294	-138.2	-328.1	933.5	29.17
178	89	30646	-50363	-29823	209.6	-289.2	932.9	29.29
180	90	36257	-37164	-24302	237.4	-268.1	932.7	29.17
182	91	42832	1436	-24998	352.4	-67.8	932.6	29.29
184	92	42568	-3202	-32386	353.8	-38.5	933.3	29.23
186	93	45598	-4350	-27088	355.1	-25.9	933.7	29.29
188	94	44276	9692	-27142	346.2	84.8	933.3	29.35
190	95	35953	24037	-27680	290.0	206.4	933.0	29.41
192	96	30580	30150	-26857	246.5	258.4	932.9	29.35
194	97	34667	26018	-25788	282.0	220.9	932.2	29.41
196	98	29581	32551	-25476	235.7	265.9	933.6	29.47
198	99	34491	28209	-25560	272.7	229.4	933.2	29.35
200	100	27777	35069	-25145	217.5	283.4	932.9	29.35
202	101	20102	39956	-25686	157.6	317.5	933.9	29.35
204	102	23977	37868	-25723	190.1	300.6	933.1	29.35
206	103	4177	44662	-25606	34.3	354.7	932.9	29.53
208	104	-9103	43810	-25725	-70.1	346.6	933.8	29.53
210	105	-28125	34845	-25640	-220.4	277.8	933.5	29.41
212	106	-44096	7567	-25702	-348.8	59.6	934.0	29.53
214	107	-29198	-33891	-25728	-229.2	-270.2	933.9	29.66
216	108	-19192	-40438	-25612	-151.5	-322.2	933.7	29.60
218	109	3927	-44608	-25604	31.1	-354.8	933.7	29.66
220	110	17707	-41017	-25711	139.0	-324.7	935.0	29.78
222	111	14350	-42352	-25647	113.3	-335.6	934.2	29.60
224	112	12112	-43103	-25525	95.8	-343.0	933.2	29.60
226	113	2050	-44710	-25491	16.5	-355.6	933.1	29.60
228	114	34	-44694	-25492	1.3	-354.6	933.9	29.78
230	115	-900	-44658	-25531	-3.7	-354.3	934.5	29.66
232	116	1384	-44656	-25492	15.3	-353.6	934.5	29.66
234	117	5666	-44324	-25433	48.2	-351.4	934.1	29.78
236	118	16069	-41712	-25400	128.5	-331.0	934.0	29.96

SPREAD VALUES REPORT
POSEIDON GOLD
Version - 1.31

Company: POSEIDON GOLD
Probe #: 2061
Location: GIGANTIC
Field: TENNANT CREEK NT
Well no: TCGD26
Operator: GRAHAM EDWARDS
Time: Tue Oct 16 10:42:00 1990
Filename: TCGD26
Comments:

Htotal Max -> 69232 gammas Shot number - 176

Htotal Min -> 42378 gammas Shot number - 84

Htotal Spread -> 26855 gammas

Gtotal Max -> 999.5 mg Shot number - 220

Gtotal Min -> 998.2 mg Shot number - 134

Gtotal Spread -> 1.3 mg

Dip Angle Max -> -42.14 degrees Shot number - 84

Dip Angle Min -> -58.04 degrees Shot number - 184

Dip Angle Spread -> 15.90 degrees

Arming Information from Probe:

Mode : Multishot Mode
Shot Interval : 10 Seconds
Holdoff Time : 5 Minutes
Averaging factor : 8

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

Probe number - 2061

File Name - TCGD26

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	Temp (C)	Bat
4	2.0	20.81	359.05	138.88	137.92	998.7	50605	-50.82	27	17
6	3.0	19.79	357.25	136.24	133.49	998.6	50849	-50.61	27	17
8	4.0	19.84	357.77	139.99	137.77	998.7	50644	-50.71	27	17
10	5.0	19.89	358.08	144.33	142.41	998.4	50770	-50.72	28	17
12	6.0	20.03	358.34	134.15	132.49	998.8	50357	-50.63	28	17
14	7.0	20.02	358.21	130.38	128.59	999.0	50627	-50.73	28	17
16	8.0	20.05	357.79	80.20	77.98	998.7	50603	-50.74	28	17
18	9.0	20.08	357.34	8.38	5.72	998.7	50702	-50.64	28	17
20	10.0	20.17	357.46	349.17	346.63	998.9	50671	-50.70	28	17
22	11.0	20.17	357.59	304.53	302.12	998.7	50561	-50.64	28	17
24	12.0	20.28	357.56	301.41	298.97	999.0	50580	-50.68	28	17
26	13.0	20.20	357.61	300.65	298.26	998.5	50613	-50.64	28	17
28	14.0	20.09	357.98	273.06	271.05	998.8	50623	-50.56	28	17
30	15.0	20.15	358.29	249.91	248.20	998.6	50614	-50.67	28	17
32	16.0	20.23	358.04	251.81	249.85	998.9	50499	-50.44	28	17
34	17.0	20.25	358.03	251.21	249.24	998.9	50531	-50.54	28	17
36	18.0	20.40	357.77	252.95	250.72	998.8	50481	-50.63	28	17
38	19.0	20.37	357.77	232.16	229.94	998.4	50454	-50.54	28	17
40	20.0	20.34	358.26	130.71	128.97	998.8	50723	-50.66	28	17
42	21.0	20.43	358.24	71.22	69.46	999.1	50575	-50.60	29	17
44	22.0	20.51	358.71	60.63	59.34	999.3	50655	-50.46	29	17
46	23.0	20.59	358.72	58.10	56.82	998.8	50403	-50.59	29	17
48	24.0	20.70	358.75	51.28	50.03	998.8	50342	-50.65	29	17
50	25.0	20.69	358.43	27.87	26.30	999.3	50335	-50.58	29	17
52	26.0	20.60	358.73	4.06	2.79	999.2	50351	-50.52	29	17
54	27.0	20.65	358.48	348.79	347.27	999.1	50340	-50.43	29	17
56	28.0	20.72	358.01	301.50	299.52	998.5	50302	-50.37	29	17
58	29.0	20.81	358.13	302.84	300.98	998.9	50034	-50.38	29	17
60	30.0	20.86	357.97	306.45	304.43	998.6	49980	-50.31	29	17
62	31.0	20.77	358.77	309.39	308.16	999.0	49902	-50.23	29	17
64	32.0	20.73	359.87	285.89	285.77	998.8	49289	-49.77	29	17
66	33.0	20.75	0.47	259.96	260.44	998.8	49947	-49.96	29	17
68	34.0	20.76	359.66	250.32	249.97	998.6	49897	-49.58	29	17
70	35.0	20.77	359.07	248.47	247.54	998.7	49664	-48.83	29	17
72	36.0	20.84	359.49	256.63	256.12	998.4	49173	-49.14	29	17
74	37.0	20.85	0.54	241.80	242.34	998.3	49609	-48.52	29	17
76	38.0	20.86	0.99	197.79	198.78	998.8	50056	-47.79	29	17
78	39.0	20.81	1.72	147.80	149.51	998.7	49296	-47.88	29	17
80	40.0	20.85	3.00	141.94	144.94	998.9	50602	-47.24	29	17
82	41.0	20.94	5.28	141.08	146.36	999.1	53695	-48.41	29	17

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

Probe number - 2061

File Name - TCGD26

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	Temp (C)	Bat
84	42.0	21.02	335.95	135.89	111.84	998.9	42378	-42.14	29	17
86	43.0	20.96	347.38	142.17	129.55	999.0	51616	-55.22	29	17
88	44.0	20.85	2.81	120.81	123.62	999.0	50229	-54.08	29	17
90	45.0	20.94	2.11	57.72	59.84	999.2	52137	-52.67	29	17
92	46.0	20.94	1.66	26.70	28.36	999.3	51017	-52.29	29	17
94	47.0	20.95	0.45	20.07	20.52	999.4	51319	-51.78	29	17
96	48.0	21.04	0.59	14.87	15.46	999.3	50837	-51.46	29	17
98	49.0	21.11	0.70	352.23	352.93	999.0	51012	-51.13	29	17
100	50.0	20.93	0.82	327.43	328.25	998.9	51044	-50.79	29	17
102	51.0	20.97	0.31	293.96	294.27	998.5	51841	-51.09	29	17
104	52.0	21.19	358.44	312.19	310.63	998.9	54903	-49.02	29	17
106	53.0	21.32	359.30	315.63	314.93	998.7	52229	-48.93	29	17
108	54.0	21.46	358.04	313.67	311.72	999.1	52471	-48.97	29	17
110	55.0	21.09	359.31	321.10	320.41	999.0	52813	-48.58	29	17
112	56.0	20.95	0.29	316.02	316.31	998.9	53267	-48.44	29	17
114	57.0	21.08	0.10	297.31	297.41	998.4	53969	-48.23	29	17
116	58.0	21.04	358.69	283.60	282.28	998.8	54186	-48.39	29	17
118	59.0	21.15	358.11	298.37	296.49	999.1	53639	-47.28	29	17
120	60.0	21.25	357.42	309.32	306.74	998.9	51580	-47.24	29	17
122	61.0	21.36	359.12	325.68	324.81	998.7	50151	-48.95	29	17
124	62.0	21.32	2.50	322.68	325.18	998.8	48934	-51.34	29	17
126	63.0	21.30	348.67	294.89	283.56	998.9	43902	-45.68	29	17
128	64.0	21.28	8.28	285.07	293.35	998.9	51610	-48.76	29	17
130	65.0	21.19	7.77	283.47	291.24	998.3	48209	-42.24	29	17
132	66.0	21.07	355.53	265.03	260.56	998.7	49091	-46.89	29	17
134	67.0	20.92	11.76	246.11	257.87	998.2	59128	-43.61	29	17
136	68.0	20.83	10.30	173.67	183.98	998.7	57293	-42.47	29	17
138	69.0	20.96	357.11	102.78	99.88	999.1	57816	-45.27	29	17
140	70.0	21.05	1.10	69.70	70.80	999.2	53368	-44.96	29	17
142	71.0	21.07	352.13	32.32	24.46	999.0	53038	-51.17	29	17
144	72.0	21.15	358.61	5.05	3.66	999.3	55987	-51.39	29	17
146	73.0	21.19	359.30	347.11	346.42	998.8	51052	-51.70	29	17
148	74.0	20.89	358.92	252.45	351.27	999.4	50680	-52.46	29	17
150	75.0	20.97	5.95	24.98	30.94	999.2	54753	-49.09	29	17
152	76.0	21.00	8.12	26.10	34.22	999.0	53203	-52.20	29	17
154	77.0	21.00	357.61	12.66	10.28	999.0	52500	-52.53	29	17
156	78.0	21.04	359.08	340.71	339.79	999.2	55299	-52.63	29	17
158	79.0	21.05	355.64	332.49	328.14	999.0	54634	-47.92	29	17
160	80.0	20.89	2.50	319.94	322.44	998.7	56275	-50.08	29	17
162	81.0	20.89	357.95	299.48	297.44	999.0	61746	-49.78	29	17

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

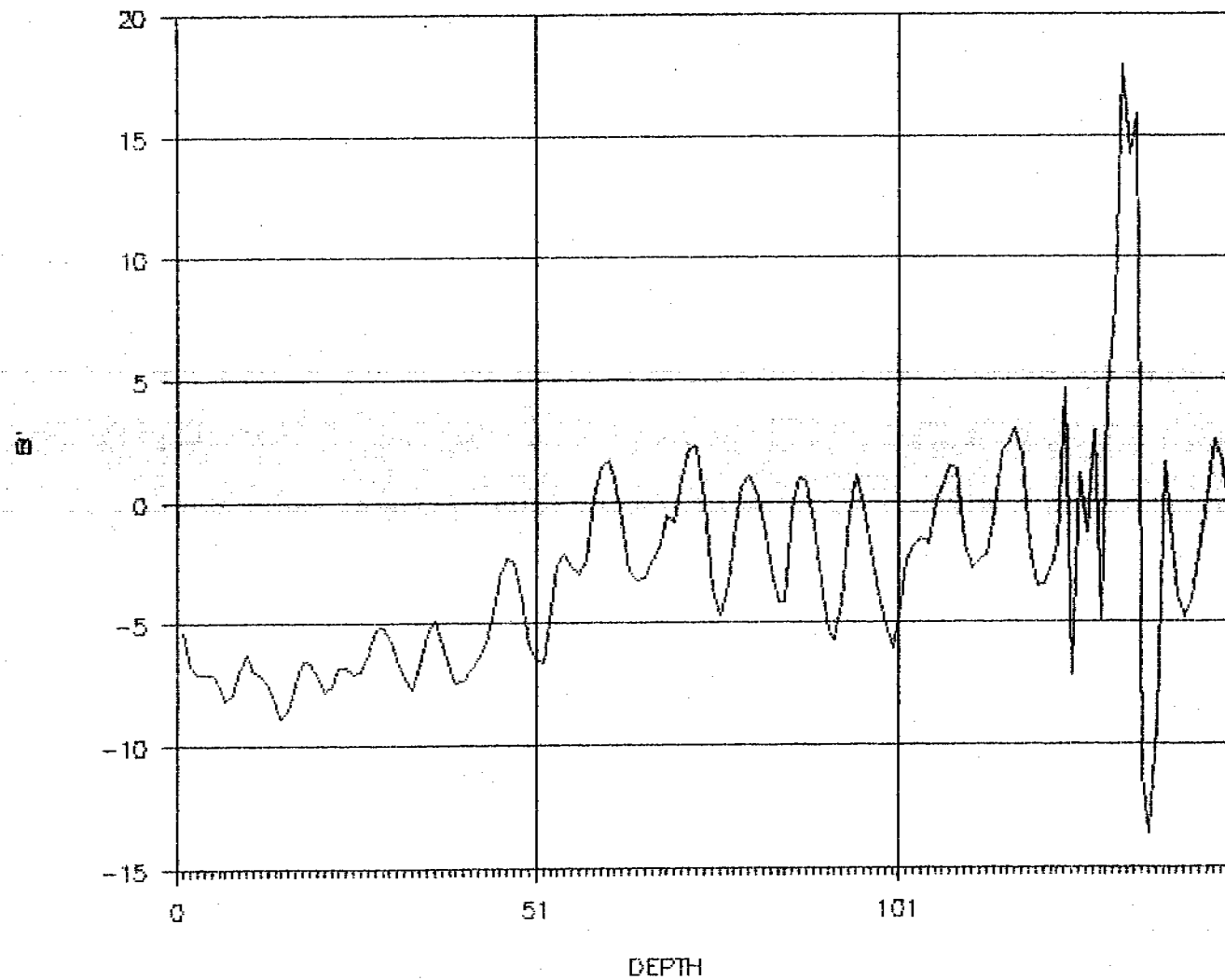
Probe number - 2061

File Name - TCGD26

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	Temp (C)	Bat
164	82.0	20.94	359.89	302.41	302.30	998.9	57182	-49.85	29	17
166	83.0	20.96	3.24	295.65	298.89	998.4	52839	-52.72	29	17
168	84.0	21.03	3.93	269.82	273.74	998.8	52333	-51.87	29	17
170	85.0	21.01	1.03	246.38	247.41	998.6	56036	-53.81	29	17
172	86.0	20.85	4.91	205.04	209.95	998.6	53324	-51.72	29	17
174	87.0	20.84	10.42	155.46	165.89	998.8	61113	-44.95	29	17
176	88.0	20.87	4.56	112.84	117.40	999.1	69232	-44.04	29	17
178	89.0	20.95	6.12	54.07	60.19	998.9	66068	-47.70	29	17
180	90.0	21.00	358.39	48.47	44.86	999.1	57326	-46.06	29	17
182	91.0	21.05	342.43	10.89	353.33	999.3	49614	-50.60	29	17
184	92.0	20.87	357.13	6.21	3.34	998.9	53583	-58.04	29	17
186	93.0	20.87	1.77	4.17	5.94	999.3	53216	-51.46	29	17
188	94.0	20.90	1.97	346.23	348.20	999.1	52830	-51.81	29	17
190	95.0	20.88	2.36	324.57	326.93	998.6	51348	-53.49	29	17
192	96.0	20.95	2.48	313.64	316.12	998.9	50650	-52.96	29	17
194	97.0	21.02	1.65	321.92	323.57	998.7	50435	-51.77	29	17
196	98.0	20.84	0.97	311.56	312.53	999.0	50829	-50.91	29	17
198	99.0	20.90	1.08	319.93	321.01	998.9	51368	-50.74	29	17
200	100.0	20.95	1.19	307.51	308.70	999.0	51319	-50.29	29	17
202	101.0	20.78	0.43	296.40	296.82	998.9	51578	-50.65	29	17
204	102.0	20.87	0.05	302.30	302.35	998.6	51677	-50.72	29	17
206	103.0	20.91	359.76	275.52	275.28	998.7	51651	-50.63	30	17
208	104.0	20.74	359.59	258.56	258.15	998.5	51614	-50.63	30	17
210	105.0	20.80	359.34	231.57	230.91	998.6	51601	-50.59	29	17
212	106.0	20.75	0.07	189.69	189.76	998.7	51598	-50.63	30	17
214	107.0	20.78	0.61	130.30	130.91	998.9	51605	-50.68	30	17
216	108.0	20.87	0.29	115.18	115.47	999.2	51571	-50.65	30	17
218	109.0	20.88	359.96	84.99	84.96	999.3	51584	-50.64	30	17
220	110.0	20.69	359.76	66.82	66.59	999.5	51546	-50.62	30	17
222	111.0	20.76	359.91	71.35	71.26	999.1	51550	-50.60	30	17
224	112.0	20.88	359.88	74.39	74.27	998.8	51537	-50.57	30	17
226	113.0	20.88	0.05	87.34	87.39	998.7	51507	-50.54	30	17
228	114.0	20.79	0.23	89.79	90.02	999.0	51453	-50.49	30	17
230	115.0	20.76	0.75	90.60	91.36	999.4	51448	-50.51	30	17
232	116.0	20.74	0.95	87.53	88.48	999.3	51438	-50.45	30	17
234	117.0	20.79	0.71	82.20	82.90	999.2	51415	-50.44	30	17
236	118.0	20.82	0.19	68.79	68.98	999.2	51413	-50.42	30	17

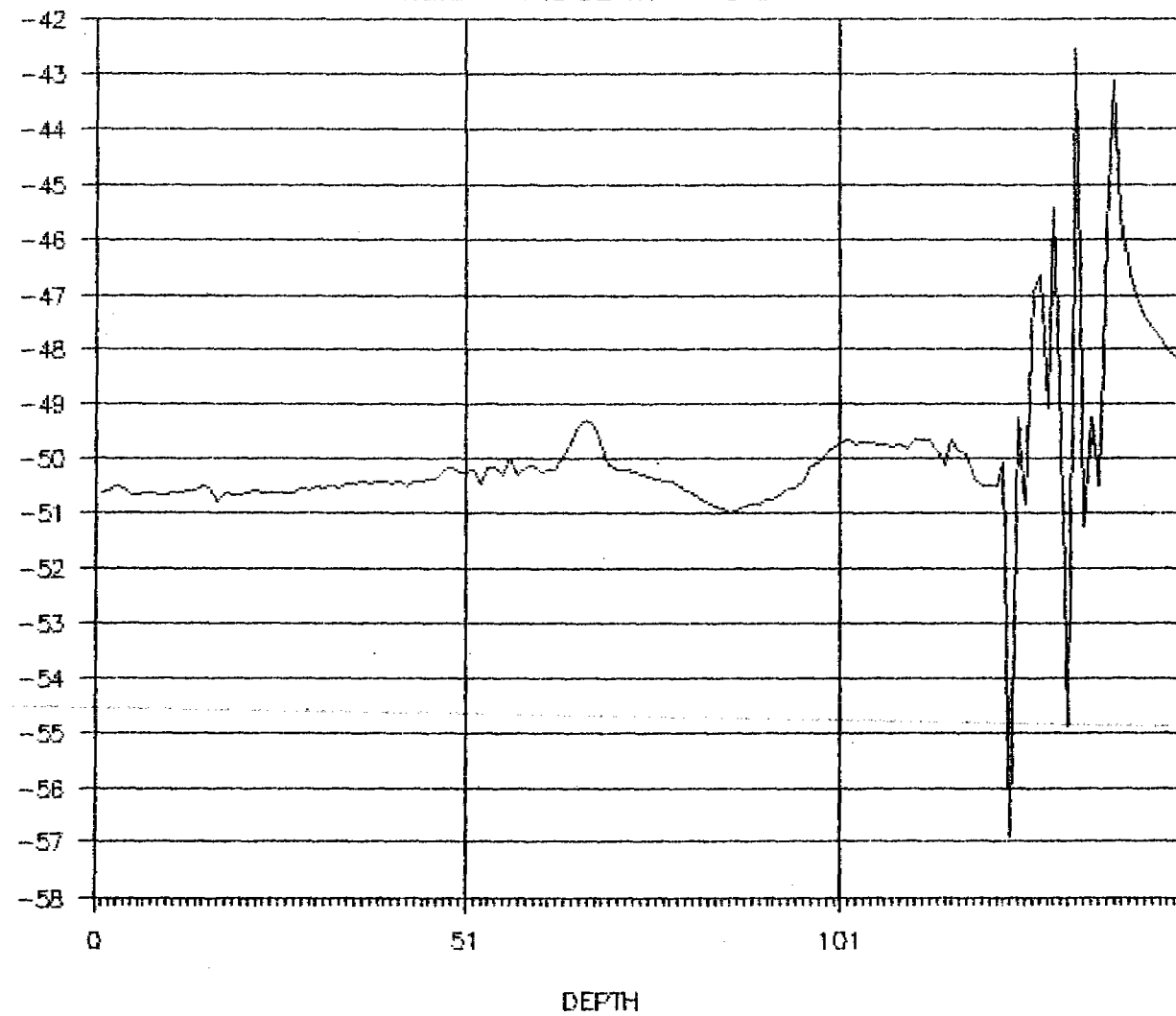
SURTRON TECHNOLOGIES PTY LTD

A.D.L B' vs DEPTH TOGC27



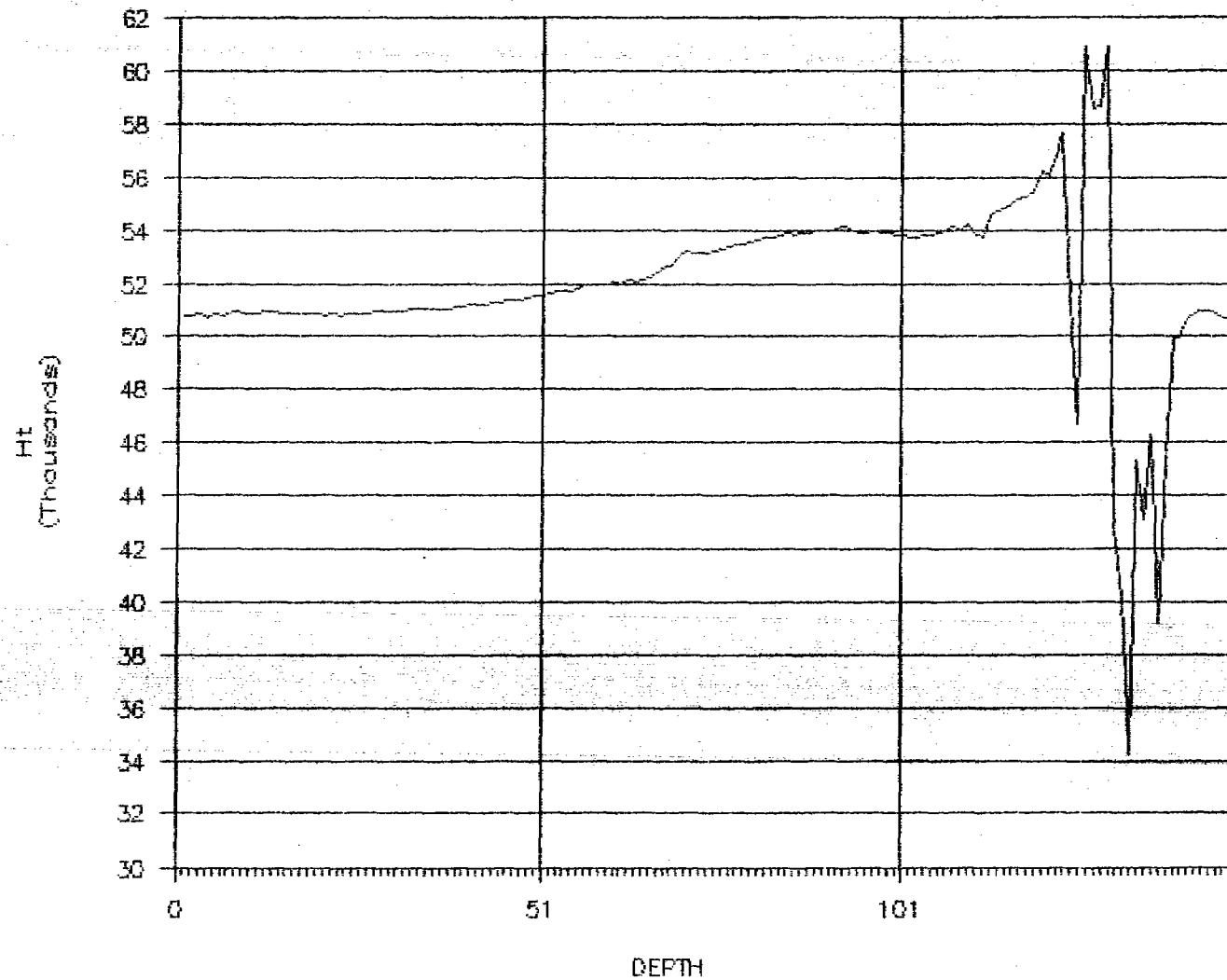
SURTRON TECHNOLOGIES PTY LTD

A.D.L. i vs DEPTH TCGC27



SURTRON TECHNOLOGIES PTY LTD

A.D.L. Ht vs DEPTH TGGC27



SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116

COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27B.ADL

d	I	B'	Ht	i
2	15.394	-5.361	50842	-50.630
3	15.182	-6.722	50841	-50.557
4	15.310	-7.032	50853	-50.489
5	15.330	-7.035	50700	-50.513
6	15.356	-7.034	50851	-50.671
7	15.310	-7.549	50844	-50.664
8	15.257	-8.190	50872	-50.610
9	15.287	-7.869	50924	-50.619
10	15.311	-6.901	50898	-50.658
11	15.290	-6.260	50908	-50.660
12	15.305	-7.007	50891	-50.610
13	15.314	-7.151	50917	-50.592
14	15.327	-7.500	50946	-50.584
15	15.325	-8.331	50914	-50.573
16	15.346	-8.917	50867	-50.508
17	15.381	-8.553	50848	-50.517
18	15.316	-7.416	50847	-50.767
19	15.310	-6.490	50849	-50.632
20	15.382	-6.642	50891	-50.640
21	15.447	-7.189	50828	-50.675
22	15.399	-7.800	50862	-50.589
23	15.450	-7.531	50830	-50.584
24	15.438	-6.771	50876	-50.603
25	15.484	-6.840	50877	-50.616
26	15.568	-7.049	50857	-50.608
27	15.647	-6.967	50892	-50.613
28	15.544	-6.202	50923	-50.613
29	15.463	-5.296	50953	-50.530
30	15.624	-5.175	50954	-50.582
31	15.681	-5.490	50977	-50.491
32	15.633	-6.464	50987	-50.518
33	15.684	-7.248	51047	-50.501
34	15.724	-7.749	51090	-50.532
35	15.617	-6.744	51080	-50.459
36	15.538	-5.406	51080	-50.442
37	15.610	-4.851	51081	-50.415
38	15.631	-5.903	51093	-50.429
39	15.649	-6.929	51133	-50.396
40	15.698	-7.475	51185	-50.406

DOWNHOLE MAGNETOMETER SURVEY

SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116

COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TOGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TOGC27B.ADL

d	I	B'	Ht	i
41	15.720	-7.338	51171	-50.455
42	15.821	-6.886	51234	-50.427
43	15.842	-6.417	51232	-50.497
44	15.727	-5.789	51286	-50.415
45	15.632	-4.522	51348	-50.425
46	15.629	-3.165	51364	-50.365
47	15.904	-2.312	51391	-50.369
48	16.089	-2.506	51401	-50.213
49	16.005	-3.863	51422	-50.150
50	15.836	-5.894	51544	-50.223
51	16.030	-6.526	51590	-50.236
52	16.018	-6.606	51608	-50.197
53	15.889	-4.457	51758	-50.436
54	15.638	-2.615	51717	-50.156
55	15.708	-2.097	51761	-50.145
56	15.872	-2.706	51838	-50.275
57	16.094	-2.997	51967	-49.973
58	16.051	-2.370	51964	-50.259
59	15.742	0.164	51960	-50.146
60	15.885	1.430	51963	-50.115
61	15.949	1.723	52039	-50.231
62	15.857	0.961	51949	-50.190
63	15.630	-0.717	52125	-50.214
64	15.575	-2.903	52060	-49.966
65	15.892	-3.268	52168	-49.719
66	16.084	-3.163	52230	-49.396
67	16.097	-2.406	52402	-49.281
68	15.852	-1.766	52616	-49.391
69	15.616	-0.624	52670	-49.684
70	15.449	-0.867	53007	-50.123
71	15.473	0.988	53214	-50.206
72	15.712	2.150	53129	-50.211
73	16.060	2.244	53129	-50.232
74	16.060	0.007	53176	-50.297
75	15.698	-3.559	53253	-50.339
76	15.950	-4.696	53336	-50.376
77	15.813	-3.361	53390	-50.386
78	15.751	-1.594	53458	-50.425
79	15.510	0.569	53498	-50.455

SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116

COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27B.ADL

d	I	B'	Ht	i
80	15.698	1.062	53565	-50.563
81	15.705	0.401	53642	-50.629
82	15.514	-0.980	53723	-50.727
83	15.596	-2.906	53763	-50.823
84	15.943	-4.125	53821	-50.862
85	16.012	-4.116	53876	-50.913
86	15.948	-0.282	53843	-50.980
87	15.782	0.952	53920	-50.958
88	15.746	0.811	53928	-50.865
89	15.545	-0.959	53970	-50.837
90	15.377	-3.305	53990	-50.814
91	15.834	-5.394	54026	-50.759
92	15.980	-5.685	54058	-50.733
93	16.263	-4.270	54119	-50.652
94	15.707	-0.585	54012	-50.553
95	15.865	1.061	53897	-50.526
96	15.705	-0.229	53851	-50.407
97	15.496	-2.013	54005	-50.126
98	15.377	-3.746	53849	-50.078
99	15.497	-5.054	53899	-49.893
100	15.835	-6.057	53847	-49.774
101	15.767	-4.839	53792	-49.720
102	15.319	-2.392	53768	-49.668
103	15.315	-1.869	53743	-49.725
104	15.291	-1.537	53780	-49.707
105	15.342	-1.794	53828	-49.899
106	15.243	-0.084	53901	-49.752
107	15.355	0.521	54017	-49.720
108	15.668	1.448	54135	-49.766
109	16.047	1.339	53943	-49.724
110	15.493	-1.744	54254	-49.801
111	15.644	-2.745	53843	-49.635
112	15.565	-2.394	53725	-49.627
113	15.440	-2.198	54572	-49.672
114	15.158	-0.367	54738	-49.860
115	15.168	2.078	54769	-50.127
116	15.439	2.367	54948	-49.658
117	15.944	3.001	55176	-49.869
118	15.992	1.924	55256	-49.908

DOWNHOLE MAGNETOMETER SURVEY

SURTRON TECHNOLOGIES PTY LTD
TEL 09-430 5116COMPANY: AUSTRALIAN DEVELOPMENT LTD
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORYDATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27B.ADL

d	I	B'	Ht	i
119	15.072	-1.759	55447	-50.373
120	15.404	-3.505	56251	-50.472
121	15.623	-3.447	56054	-50.470
122	15.640	-2.663	56799	-50.488
123	15.436	-1.768	57685	-50.063
124	15.046	4.630	51378	-56.893
125	15.247	-7.085	46703	-49.224
126	15.501	1.194	60961	-50.828
127	15.784	-1.281	58565	-46.929
128	15.968	2.904	58648	-46.638
129	15.623	-4.972	60931	-49.035
130	15.604	4.458	42807	-45.416
131	15.085	8.026	40173	-49.641
132	15.463	17.878	34229	-54.892
133	15.486	14.264	45352	-42.522
134	15.211	15.924	43085	-51.230
135	15.329	-11.264	46279	-49.239
136	15.323	-13.615	39251	-50.465
137	15.338	-9.158	45400	-45.831
138	15.639	1.603	49941	-43.131
139	15.597	-0.892	49975	-45.591
140	15.439	-3.887	50646	-46.641
141	15.672	-4.750	50881	-47.162
142	15.795	-4.062	50967	-47.444
143	15.342	-1.685	50969	-47.680
144	15.200	0.732	50902	-47.805
145	15.243	2.520	50670	-48.020
146	15.447	1.660	50596	-48.158
147	15.563	-0.184	51100	-48.016
148	15.590	-0.792	50373	-48.450

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27A.ADL

EASTING???

NORTHING ???

RL ???

SHOT	d	Hx	Hy	H _z	G _x	G _y	G _z	TEMP
4	2	41146	5411	-29371	264.8	15.4	963.4	41.07
6	3	38103	16224	-29492	249.1	80.1	964.3	41.19
8	4	12441	39612	-29363	102.7	243.0	963.7	41.44
10	5	-27716	30743	-29277	-157.3	212.1	963.3	41.31
12	6	-40639	8151	-29460	-253.3	76.5	963.5	41.50
14	7	-40991	-5917	-29493	-263.6	-10.8	963.7	41.50
16	8	-22841	-34565	-29522	-168.4	-201.9	963.9	41.56
18	9	-14108	-39015	-29530	-115.5	-236.8	963.9	41.68
20	10	15494	-38468	-29508	75.3	-253.0	964.2	41.62
22	11	30675	-27913	-29518	179.2	-193.3	964.2	41.68
24	12	41045	6032	-29475	263.5	13.4	964.1	41.56
26	13	33663	24304	-29473	227.9	133.0	963.6	41.50
28	14	31091	27562	-29482	214.4	154.2	963.6	41.50
30	15	27816	30820	-29473	197.9	174.8	963.5	41.31
32	16	33727	24203	-29397	231.9	127.1	963.6	41.38
34	17	34551	23017	-29359	236.1	120.4	963.4	41.25
36	18	41368	-380	-29562	262.4	-28.9	963.9	41.07
38	19	37011	18682	-29454	245.1	97.6	963.7	41.13
40	20	34532	23044	-29434	232.8	126.7	963.4	41.07
42	21	26734	31705	-29387	190.5	185.8	963.0	40.83
44	22	16160	38236	-29390	128.5	232.1	963.2	40.83
46	23	-40897	7146	-29327	-256.2	72.3	963.2	40.76
48	24	-31859	-26670	-29362	-218.7	-151.3	963.0	40.64
50	25	-11998	-39796	-29339	-100.3	-247.2	963.0	40.58
52	26	7696	-40875	-29265	24.3	-267.1	962.7	40.52
54	27	20915	-36030	-29230	112.8	-244.8	962.3	40.34
56	28	39222	-13991	-29310	243.8	-110.8	962.8	40.34
58	29	23469	34442	-29311	165.4	208.8	962.9	40.28
60	30	35522	21930	-29216	238.3	125.0	962.2	40.22
62	31	24745	33722	-29141	175.5	205.3	962.1	40.09
64	32	18788	37324	-29217	141.6	229.0	962.2	39.85
66	33	28852	30328	-29216	204.5	176.6	962.3	39.97
68	34	29213	30026	-29244	208.1	173.3	961.9	39.79
70	35	31267	27863	-29243	216.3	159.9	962.3	39.61
72	36	-12764	39871	-29267	-62.7	260.1	962.3	39.54
74	37	-37425	18867	-29188	-231.5	136.6	962.1	39.48
76	38	-41884	-1824	-29205	-269.0	9.8	962.1	39.30
78	39	-23383	-34653	-29208	-170.5	-208.8	962.3	39.24
80	40	5338	-41668	-29208	7.1	-270.3	962.1	39.12

DOWNHOLE MAGNETOMETER SURVEY

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27A.ADL

EASTING???

NORTHING ???

RL ???

SHOT	d	Hx	Hy	Hx	Gx	Gy	Gz	TEMP
82	41	20055	-36905	-29229	105.1	-249.6	962.2	39.06
84	42	23247	-35130	-29161	128.6	-240.2	961.5	39.06
86	43	24125	-34508	-29188	136.4	-236.3	961.5	38.93
88	44	27446	-31975	-29233	159.8	-218.7	961.9	38.75
90	45	39952	-13431	-29327	249.6	-101.3	962.7	38.63
92	46	37603	19155	-29280	244.9	111.8	962.3	38.69
94	47	31969	27800	-29090	212.2	173.2	961.3	38.38
96	48	30878	29269	-28844	207.3	163.6	960.1	38.38
98	49	23376	35546	-28883	163.2	222.0	960.6	38.20
100	50	21804	36485	-29158	158.1	222.2	961.4	38.08
102	51	29417	30848	-29061	207.3	162.2	960.6	37.84
104	52	41191	11075	-29053	271.7	47.6	960.8	37.47
106	53	42255	4647	-29527	269.9	13.3	962.1	37.35
108	54	36909	21282	-29316	238.0	126.2	962.4	36.92
110	55	28732	31568	-29277	187.7	194.8	961.9	36.61
112	56	14137	40359	-29299	99.7	254.4	961.0	36.31
114	57	-17542	39407	-28981	-102.3	257.4	960.0	35.94
116	58	-38698	18255	-29222	-246.2	125.3	960.2	35.64
118	59	-42366	6562	-29359	-268.0	40.9	961.8	35.39
120	60	-35346	-24418	-29233	-222.0	-159.8	961.2	35.15
122	61	-18706	-38713	-29316	-113.7	-250.0	961.0	34.91
124	62	17421	-39200	-29301	114.1	-248.0	961.1	34.66
126	63	39692	-16313	-29588	248.1	-104.8	962.7	34.54
128	64	40654	13861	-29417	257.2	76.5	962.7	34.30
130	65	36621	23154	-29056	237.5	135.8	960.9	34.17
132	66	19705	38937	-28699	135.5	241.4	960.1	33.87
134	67	-25114	35947	-28689	-151.1	232.1	959.7	33.68
136	68	-43732	3256	-29075	-271.5	26.8	960.8	33.56
138	69	-41549	-13316	-29505	-256.8	-79.9	962.2	33.44
140	70	-22671	-37234	-30157	-141.1	-225.7	963.1	33.20
142	71	-1473	-43707	-30320	-5.4	-266.5	962.9	33.01
144	72	8589	-42930	-30098	60.8	-263.7	962.0	32.83
146	73	14989	-41317	-29849	102.1	-256.9	960.3	32.77
148	74	27253	-34494	-29918	171.4	-216.9	960.3	32.71
150	75	36131	-24760	-30289	215.4	-163.4	962.0	32.53
152	76	43807	-3615	-30185	271.5	-41.1	960.8	32.46
154	77	39366	19540	-30312	249.2	109.8	961.5	32.34
156	78	31896	30253	-30416	200.8	182.4	961.8	32.16
158	79	-5496	43506	-30644	-35.6	264.8	962.8	32.16

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27A.ADL

EASTING???

NORTHING ???

RL ???

SHOT	d	Hx	Hy	Hz	Gx	Gy	Gz	TEMP
160	80	-33000	29026	-30622	-205.4	175.5	961.3	32.04
162	81	-43839	3540	-30709	-269.6	20.3	961.5	31.98
164	82	-36717	-24049	-30979	-225.4	-143.4	962.4	31.79
166	83	-13708	-41715	-31023	-93.8	-251.7	962.3	31.73
168	84	-9934	-42981	-30832	-76.5	-263.5	960.5	31.73
170	85	-6364	-43708	-30850	-54.7	-270.1	960.3	31.67
172	86	-8399	-43281	-30907	-53.3	-269.2	960.3	31.55
174	87	1950	-44029	-31064	15.5	-271.3	961.5	31.49
176	88	24682	-36558	-31025	154.2	-223.1	961.9	31.49
178	89	41014	-16071	-31182	248.0	-100.9	962.5	31.30
180	90	43854	-3303	-31319	263.1	-31.7	963.6	31.37
182	91	40682	17176	-31125	255.0	86.4	962.1	31.37
184	92	42938	11233	-30861	270.7	49.1	960.7	31.18
186	93	34374	28484	-30594	225.3	165.9	959.1	31.24
188	94	19549	39783	-30861	121.2	241.8	961.8	31.06
190	95	-25730	36100	-30654	-161.6	220.0	960.5	31.18
192	96	-41424	15623	-30657	-252.7	96.2	961.6	31.12
194	97	-40980	-17176	-30695	-248.9	-96.4	962.7	31.12
196	98	-24583	-36802	-30675	-158.2	-212.5	963.3	31.06
198	99	-18128	-40586	-30484	-125.4	-235.7	962.9	31.00
200	100	-21097	-39337	-30116	-148.2	-228.9	961.4	31.00
202	101	-18100	-40759	-30077	-126.3	-240.4	961.8	30.82
204	102	-1222	-44369	-30346	-15.9	-263.5	963.7	31.00
206	103	16978	-40956	-30376	94.8	-246.3	963.7	30.94
208	104	23461	-37653	-30400	134.6	-226.5	963.7	30.88
210	105	22832	-38120	-30382	130.2	-230.0	963.3	30.94
212	106	32293	-30496	-30537	190.8	-180.6	964.1	30.94
214	107	41486	-16343	-30491	246.8	-95.2	963.3	30.82
216	108	44824	-352	-30352	269.8	3.2	962.0	30.94
218	109	44029	8742	-29915	269.9	58.7	960.3	30.88
220	110	35262	27653	-30584	213.8	159.6	962.5	30.82
222	111	27623	35061	-30112	174.5	205.2	961.9	30.82
224	112	6038	44090	-30099	45.0	264.1	961.8	30.82
226	113	-18581	41110	-30706	-102.2	245.5	962.8	30.94
228	114	-37428	24985	-31163	-216.5	146.1	964.1	30.88
230	115	-44345	6927	-31388	-259.3	33.0	964.2	30.88
232	116	-45344	-2807	-30909	-264.7	-25.0	962.7	30.88
234	117	-44438	-10979	-30807	-263.5	-76.6	960.5	30.88
236	118	-34071	-30683	-30837	-199.6	-189.4	960.1	30.88

DOWNHOLE MAGNETOMETER SURVEY

POSEIDON GOLD LIMITED
AUSTRALIAN DEVELOPMENT OPERATIONS

DEPARTMENT: EXPLORATION
HOLE NO: TCGC27
LEASE: GIGANTIC
LOCATION: TENNANT CREEK
STATE: NORTHERN TERRITORY

DATE: 15-10-90
ENGINEER: EDWARDS
JOB NO:
SERVICE: MAGPROBE
FILE NO: TCGC27A.ADL

EASTING???

NORTHING ???

RL ???

SHOT	d	Hx	Hy	Hz	Gx	-Gy	Gz	TEMP	TONE
238	119	-22584	-39210	-32046	-135.0	-221.9	964.5	30.82	981
240	120	-13373	-44042	-32337	-89.1	-250.0	963.3	30.82	981
242	121	-19745	-41536	-32046	-126.7	-237.3	962.0	30.82	981
244	122	-4301	-46407	-32466	-34.5	-267.1	962.0	30.82	981
246	123	8749	-46651	-32783	42.7	-262.4	962.8	30.82	981
248	124	13595	-35754	-34300	106.4	-236.6	965.1	30.82	981
250	125	21535	-32140	-26162	124.3	-231.4	963.7	30.82	981
252	126	10109	-48696	-35252	58.5	-260.6	963.0	30.88	981
254	127	15147	-47778	-30293	77.5	-260.5	961.5	30.88	981
256	128	22749	-45014	-29930	133.8	-240.1	960.6	30.88	981
258	129	35966	-35925	-33592	177.0	-202.7	962.3	30.88	981
260	130	26370	-26136	-21306	202.4	-176.8	962.3	30.88	981
262	131	29404	-15067	-22853	243.0	-92.4	964.5	30.94	981
264	132	24465	-9456	-21993	263.9	-36.2	962.9	30.88	981
266	133	39067	-9707	-20890	266.6	-10.0	962.9	30.88	981
268	134	34649	41	-25608	256.0	56.3	964.0	30.82	981
270	135	33539	18502	-25972	248.1	90.4	963.3	30.82	981
272	136	26879	17300	-22778	244.5	99.6	963.5	30.82	981
274	137	25011	30000	-23144	193.9	179.4	963.1	30.76	981
276	138	21062	38972	-23058	122.5	239.7	961.6	30.82	981
278	139	2326	43219	-24984	17.8	267.9	961.8	30.82	981
280	140	-15069	40601	-26259	-78.6	253.9	962.6	30.88	981
282	141	-31780	29510	-26610	-185.2	196.3	961.9	30.94	981
284	142	-38753	19478	-26767	-235.7	135.6	961.3	30.94	981
286	143	-41481	11596	-27253	-252.8	77.1	963.3	30.88	981
288	144	-42359	-6658	-27429	-258.3	-43.3	964.0	30.82	981
290	145	-34082	-25552	-27440	-204.5	-164.8	963.8	30.82	981
292	146	-30494	-29703	-27346	-186.3	-190.0	963.0	30.82	981
294	147	-27941	-32842	-27421	-174.2	-203.7	962.4	30.88	981
296	148	-16095	-39132	-27333	-104.6	-247.1	962.0	30.94	981

SPREAD VALUES REPORT
POSEIDON GOLD
Version - 1.31

Company: POSEIDON GOLD
Probe #: 2061
Location: GIGANTIC
Field: TENNANT CREEK NT1
Well no: TCGC27
Operator: GRAHAM EDWARDS
Time: Mon Oct 15 15:59:14 1990
Filename: TCGC27
Comments:

Htotal Max ->	60960 gammas	Shot number - 252
Htotal Min ->	34229 gammas	Shot number - 264
Htotal Spread ->	26731 gammas	
Gtotal Max ->	999.7 mg	Shot number - 126
Gtotal Min ->	998.4 mg	Shot number - 224
Gtotal Spread ->	1.3 mg	
Dip Angle Max ->	-42.52 degrees	Shot number - 266
Dip Angle Min ->	-56.89 degrees	Shot number - 248
Dip Angle Spread ->	14.37 degrees	

Arming Information from Probe:

Mode : Multishot Mode
Shot Interval : 10 Seconds
Holdoff Time : 5 Minutes
Averaging factor : 8

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

Probe number - 2061

File Name - TCGC27

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	Temp (C)	Bat
4	2.0	15.39	354.64	356.67	351.31	999.2	50842	-50.63	41	17
6	3.0	15.18	353.28	342.18	335.45	999.1	50841	-50.56	41	17
8	4.0	15.31	352.96	292.92	285.88	999.2	50854	-50.49	41	17
10	5.0	15.33	352.95	233.45	226.40	998.8	50700	-50.51	41	17
12	6.0	15.35	352.98	196.80	189.77	999.2	50851	-50.67	41	17
14	7.0	15.31	352.44	177.67	170.10	999.2	50844	-50.66	41	17
16	8.0	15.26	351.81	129.83	121.64	999.2	50873	-50.61	42	17
18	9.0	15.29	352.14	116.00	108.13	999.2	50924	-50.62	42	17
20	10.0	15.31	353.09	73.43	66.52	999.7	50898	-50.66	42	17
22	11.0	15.29	353.76	47.16	40.91	999.5	50905	-50.66	42	17
24	12.0	15.31	352.99	357.09	350.08	999.6	50890	-50.61	42	17
26	13.0	15.31	352.84	329.74	322.58	999.0	50916	-50.59	41	17
28	14.0	15.32	352.50	324.28	316.77	999.1	50946	-50.58	41	17
30	15.0	15.33	351.67	318.55	310.22	999.0	50915	-50.57	41	17
32	16.0	15.35	351.07	331.28	322.35	999.2	50868	-50.51	41	17
34	17.0	15.38	351.44	332.99	324.43	999.2	50847	-50.52	41	17
36	18.0	15.31	352.59	6.28	358.87	999.4	50847	-50.76	41	17
38	19.0	15.31	353.51	338.29	331.80	999.2	50849	-50.63	41	17
40	20.0	15.38	353.36	331.44	324.80	999.2	50891	-50.64	41	17
42	21.0	15.45	352.81	315.72	308.53	999.0	50829	-50.68	41	17
44	22.0	15.40	352.20	298.97	291.17	999.1	50862	-50.59	41	17
46	23.0	15.45	352.46	195.76	188.23	999.3	50830	-50.59	41	17
48	24.0	15.44	353.23	145.32	138.55	999.0	50876	-50.60	41	17
50	25.0	15.48	353.17	112.08	105.25	999.3	50877	-50.61	41	17
52	26.0	15.57	352.96	84.80	77.75	999.4	50857	-50.61	41	17
54	27.0	15.65	353.03	65.26	58.29	999.3	50892	-50.61	40	17
56	28.0	15.54	353.80	24.44	18.24	999.4	50924	-50.61	40	17
58	29.0	15.46	354.69	308.39	303.08	999.0	50953	-50.53	40	17
60	30.0	15.62	354.81	332.33	327.14	999.1	50954	-50.56	40	17
62	31.0	15.68	354.49	310.54	305.03	999.3	50977	-50.49	40	17
64	32.0	15.63	353.54	301.73	295.27	999.1	50988	-50.52	40	17
66	33.0	15.68	352.76	319.18	311.94	999.5	51047	-50.50	40	17
68	34.0	15.72	352.25	320.21	312.46	999.3	51090	-50.53	40	17
70	35.0	15.62	353.26	323.52	316.78	999.2	51080	-50.46	40	17
72	36.0	15.54	354.59	256.45	251.04	998.6	51080	-50.44	40	17
74	37.0	15.61	355.15	210.55	205.69	999.0	51082	-50.41	39	17
76	38.0	15.63	354.11	182.08	176.19	999.0	51093	-50.43	39	17
78	39.0	15.65	353.07	129.23	122.31	999.3	51133	-50.40	39	17
80	40.0	15.70	352.52	88.50	81.02	999.4	51165	-50.41	39	17
82	41.0	15.72	352.65	67.17	59.83	999.6	51172	-50.45	39	17

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

Probe number - 2061

File Name - TCGC27

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	Temp (C)	Bat
84	42.0	15.82	353.12	61.83	54.95	999.3	51234	-50.43	39	17
86	43.0	15.84	353.59	60.00	53.59	999.4	51233	-50.50	39	17
88	44.0	15.73	354.21	53.84	48.06	999.3	51286	-50.41	39	17
90	45.0	15.63	355.47	22.10	17.57	999.6	51348	-50.42	39	17
92	46.0	15.63	356.84	335.46	332.30	999.3	51364	-50.37	39	17
94	47.0	15.90	357.69	320.78	318.47	999.5	51392	-50.37	38	17
96	48.0	16.09	357.49	318.47	315.96	999.3	51402	-50.21	38	17
98	49.0	16.00	356.15	306.31	302.46	999.3	51422	-50.15	38	17
100	50.0	15.84	354.11	305.43	299.54	999.3	51544	-50.22	38	17
102	51.0	16.03	353.48	318.69	312.16	999.5	51589	-50.24	38	17
104	52.0	16.02	353.39	350.07	343.45	999.6	51609	-50.19	37	17
106	53.0	15.69	355.55	357.18	352.72	999.3	51759	-50.43	37	17
108	54.0	15.64	357.39	332.06	329.45	999.4	51717	-50.16	37	17
110	55.0	15.71	357.90	313.94	311.84	999.2	51761	-50.15	37	17
112	56.0	15.87	357.29	291.40	288.69	999.1	51837	-50.28	36	17
114	57.0	16.09	357.00	248.33	245.33	999.1	51967	-49.97	36	17
116	58.0	16.05	357.64	206.96	204.61	999.2	51964	-50.26	36	17
118	59.0	15.74	0.16	188.68	188.84	999.3	51961	-50.14	35	17
120	60.0	15.88	1.42	144.26	145.68	999.4	51963	-50.11	35	17
122	61.0	15.95	1.73	114.45	116.18	999.4	52038	-50.23	35	17
124	62.0	15.85	0.95	65.30	66.25	999.1	51949	-50.19	35	17
126	63.0	15.63	359.27	22.91	22.18	999.7	52125	-50.21	35	17
128	64.0	15.58	357.10	343.43	340.53	999.4	52060	-49.97	34	17
130	65.0	15.89	356.72	330.25	326.97	999.1	52168	-49.72	34	17
132	66.0	16.08	356.85	299.30	296.15	999.2	52230	-49.39	34	17
134	67.0	16.10	357.59	236.94	234.53	998.9	52402	-49.28	34	17
136	68.0	15.85	358.24	185.63	183.87	998.8	52616	-49.39	34	17
138	69.0	15.61	359.38	162.71	162.09	999.0	52670	-49.68	33	17
140	70.0	15.45	359.13	122.01	121.15	999.2	53007	-50.12	33	17
142	71.0	15.47	0.98	91.17	92.15	999.1	53214	-50.20	33	17
144	72.0	15.71	2.15	77.02	79.17	999.4	53129	-50.21	33	17
146	73.0	16.06	2.25	68.32	70.57	999.3	53129	-50.23	33	17
148	74.0	16.06	0.01	51.68	51.69	999.3	53175	-50.30	33	17
150	75.0	15.70	356.44	37.18	33.62	999.3	53254	-50.34	33	17
152	76.0	15.95	355.29	8.62	3.91	999.2	53337	-50.38	32	17
154	77.0	15.82	356.62	336.22	332.84	999.3	53390	-50.39	32	17
156	78.0	15.75	358.40	317.75	316.15	999.3	53458	-50.42	32	17
158	79.0	15.51	0.58	262.35	262.93	999.1	53498	-50.46	32	17
160	80.0	15.70	1.06	220.51	221.57	998.5	53565	-50.56	32	17
162	81.0	15.71	0.40	184.31	184.71	998.8	53642	-50.63	32	17

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

Probe number - 2061

File Name - TCGC27

Version - 1.31

Temp

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	(C)	Bat	2061
164	82.0	15.51	359.02	147.53	146.56	998.8	53724	-50.73	32	17	
166	83.0	15.60	357.10	110.43	107.53	999.1	53763	-50.83	32	17	
168	84.0	15.94	355.88	106.18	102.07	998.9	53821	-50.86	32	17	
170	85.0	16.01	355.88	101.45	97.33	999.1	53876	-50.92	32	17	
172	86.0	15.94	359.73	101.19	100.92	998.8	53843	-50.98	32	17	
174	87.0	15.78	0.95	86.73	87.68	999.2	53920	-50.96	31	17	
176	88.0	15.74	0.82	55.35	56.16	999.4	53928	-50.86	31	17	
178	89.0	15.55	359.05	22.13	21.18	999.0	53970	-50.84	31	17	
180	90.0	15.38	356.69	6.87	3.56	999.4	53990	-50.81	31	17	
182	91.0	15.64	354.61	341.28	335.89	999.1	54025	-50.76	31	17	
184	92.0	15.98	354.31	349.73	344.03	999.3	54058	-50.73	31	17	
186	93.0	16.27	355.73	323.63	319.36	999.1	54119	-50.65	31	17	
188	94.0	15.71	359.42	296.62	296.04	999.1	54012	-50.56	31	17	
190	95.0	15.86	1.07	233.70	234.76	998.6	53897	-50.52	31	17	
192	96.0	15.70	359.77	200.84	200.61	998.9	53850	-50.40	31	17	
194	97.0	15.50	357.99	158.83	156.82	999.1	54005	-50.13	31	17	
196	98.0	15.38	356.26	126.66	122.92	999.1	53848	-50.06	31	17	
198	99.0	15.50	354.93	118.02	112.96	999.3	53899	-49.89	31	17	
200	100.0	15.83	353.93	122.93	116.86	999.3	53847	-49.77	31	17	
202	101.0	15.77	355.17	117.71	112.88	999.4	53791	-49.72	31	17	
204	102.0	15.32	357.60	93.46	91.06	999.2	53768	-49.67	31	17	
206	103.0	15.31	358.13	68.95	67.06	999.1	53743	-49.72	31	17	
208	104.0	15.29	358.47	59.27	57.74	999.1	53781	-49.71	31	17	
210	105.0	15.34	358.20	60.49	58.69	998.9	53828	-49.70	31	17	
212	106.0	15.25	359.92	43.42	43.34	999.2	53901	-49.75	31	17	
214	107.0	15.35	0.53	21.09	21.62	999.0	54017	-49.72	31	17	
216	108.0	15.67	1.44	359.32	0.77	999.1	54135	-49.77	31	17	
218	109.0	16.04	1.35	347.72	349.07	999.3	53943	-49.72	31	17	
220	110.0	15.49	358.26	323.26	321.51	998.7	54254	-49.80	31	17	
222	111.0	15.64	357.26	310.37	307.63	998.9	53842	-49.63	31	17	
224	112.0	15.56	357.60	279.68	277.27	998.4	53725	-49.63	31	17	
226	113.0	15.44	357.79	247.41	245.20	998.8	54572	-49.67	31	17	
228	114.0	15.16	359.62	214.02	213.64	998.8	54738	-49.86	31	17	
230	115.0	15.17	2.09	187.24	189.33	999.0	54770	-50.13	31	17	
232	116.0	15.44	2.36	174.61	176.97	998.7	54949	-49.66	31	17	
234	117.0	15.94	2.99	163.80	166.79	998.9	55176	-49.87	31	17	
236	118.0	15.99	1.93	136.50	138.43	998.7	55256	-49.91	31	17	
238	119.0	15.07	358.26	121.30	119.56	998.9	55448	-50.37	31	17	
240	120.0	15.40	356.48	109.63	106.11	999.2	56251	-50.47	31	17	
242	121.0	15.62	356.55	118.10	114.65	998.9	56054	-50.47	31	17	

DATA VERIFICATION REPORT
POSEIDON GOLD
Version - 1.31

Probe number - 2061

File Name - TCGC27

Shot	Depth	Inc	Az	HS	MTF	GTotal	HTotal	Dip	Temp (C)	Bat
244	122.0	15.64	357.34	97.35	94.70	999.0	56800	-50.49	31	17
246	123.0	15.43	358.24	80.75	78.99	998.8	57685	-50.06	31	17
248	124.0	15.05	4.62	65.79	70.41	999.3	51378	-56.89	31	17
250	125.0	15.25	352.91	61.76	54.67	998.9	46703	-49.22	31	17
252	126.0	15.50	1.20	77.34	78.54	999.4	60960	-50.83	31	17
254	127.0	15.78	358.72	73.43	72.15	999.2	58565	-46.93	31	17
256	128.0	15.97	2.91	60.87	63.78	999.1	58647	-46.64	31	17
258	129.0	15.62	355.02	48.88	43.90	999.2	60931	-49.03	31	17
260	130.0	15.61	4.46	41.14	45.60	999.2	42807	-45.42	31	17
262	131.0	15.08	8.02	20.83	28.84	998.9	40173	-49.64	31	17
264	132.0	15.47	17.87	7.82	25.69	999.0	34229	-54.89	31	17
266	133.0	15.49	14.26	2.15	16.41	999.2	45352	-42.52	31	17
268	134.0	15.21	15.93	347.59	3.52	999.0	43085	-51.23	31	17
270	135.0	15.33	348.73	339.98	328.71	998.8	46279	-49.24	31	17
272	136.0	15.32	346.39	337.83	324.22	999.0	39251	-50.46	31	17
274	137.0	15.34	350.85	317.22	308.07	998.7	45400	-45.83	31	17
276	138.0	15.64	1.60	297.07	298.67	998.8	49941	-43.13	31	17
278	139.0	15.60	359.10	273.80	272.91	998.6	49975	-45.59	31	17
280	140.0	15.44	356.10	252.77	248.87	998.7	50647	-46.64	31	17
282	141.0	15.67	355.25	226.67	221.92	999.0	50881	-47.16	31	17
284	142.0	15.79	355.92	209.92	205.85	999.0	50967	-47.44	31	17
286	143.0	15.34	358.32	196.96	195.28	998.9	50969	-47.66	31	17
288	144.0	15.20	0.72	170.49	171.21	999.0	50901	-47.80	31	17
290	145.0	15.24	2.53	141.13	143.66	999.0	50670	-48.02	31	17
292	146.0	15.44	1.66	134.44	136.10	999.1	50596	-48.16	31	17
294	147.0	15.56	359.81	130.54	130.35	999.0	51100	-48.02	31	17
296	148.0	15.59	359.21	112.98	112.19	998.7	50373	-48.45	31	17



EXPLORATION
DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH FROM OR TO		SAMPLE CO-ORDINATE N/S E/W		DESCRIPTION <i>Photog Mag Color</i>	ANALYTICAL DATA (Values in ppm unless otherwise stated)
DA585401		0			1 Ns-cy	0.01
402		1			2 "	0.01
403		2			3 Nc	0.00
404		3			4 "	0.02
405		4			5 "	0.03
406		5			6 "	0.01
407		6			7 " 5	0.01
408		7			8 " Cr	0.00
409		8			9 αScl	0.00
410		9			10 αScl tr-s	0.00
411		10			11 αSh/Scl tr	0.02
412		11			12 αSh/Scl tr-s	0.00
413		12			13 αScl tr-s	0.00
414		13			14 αSh tr	0.00
415		14			15 αSh/Scl s	0.01
416		15			16 αSw/Scl s	0.00
417		16			17 " tr	0.00
418		17			18 αSh/Scl tr-s	0.03
419		18			19 " tr	0.00
420		19			20 αScl/Scl tr	0.01
421		20			21 αScl tr	0.01
422		21			22 αScl/Scl tr	0.00
423		22			23 αScl/Scl tr	0.02
424		23			24 αSh	0.01
425		24			25 αSw/Scl	0.00
426		25			26 " tr	0.00
427		26			27 αSw/Sh s-10	0.00
428		27			28 " tr	0.00
429		28			29 αSw/Sh tr-s	0.01
DA585430		29			30 αSw/Sh tr	0.01

As above
Purple + white shale, minor purple siltst.
As for 9-10m
Purple br, minor white silty shale
As above trace redox, haematite as paint + repl.
Purple brown shale + fine gr. wacke, more dark massive haematite
Purple red br w. f. gr. wackes, purple br + white shale units
As above purple + yellow bleached shale
As above lesser wacke
Grey br + red br siltst, red purple br f. gr. wackes, minor shale
Purple br siltst minor, red, yellow, white; minor f. gr. wacke + shale
As above
Purple br red br, white + yellow oxidized shale
Grey to dark purple brown f. v. f. gr. wacke minor shale as above
As above f. v. f. gr. wacke
As above only minor shale sig. haematite as units + repl.
Fine - v. f. gr. wackes most purplish brown
As above, more bleached shales
As for 27-28m

SAMPLING RECORD			PROJECT		DRILLING RECORD	
Material:	Depth:	Sampled By:	Region:	Drill Type:	CO-ORDINATES	
Map Ref:	Laboratory Request No.	Date:	Project:	R.L. m Water Table At 40.7m	12.80 m N/S	1000 m E/W
LINE No.	FROM TO	Photo No. Bearing	Prospect: <i>Rising Moon</i>	Dip: -70° Azm: 356	HOLE No: <i>TCG 26</i>	
			Cost Code: <i>3919/4069</i>	Date: <i>7/90</i>		



SAMPLE DATA SHEET

SAMPLE NUMBER	DRILL HOLE DEPTH		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
	FROM	OR TO		
	SAMPLE CO-ORDINATE N/S E/W			
0 A 5 8 5 4 3 1	30	31	0.00 RBR Purple brown fine-med grained wackes, v. minor pallid shales	
4 3 2	31	32	0.00 .. Purple brown + grey v. sh. gr wackes, h. or paint	
4 3 3	32	33	0.00 .. As above, some yellowish, most fgr. tr shale	
4 3 4	33	34	0.00 .. Purple br + bleached shales, v. minor fgr. wacke	
4 3 5	34	35	0.00 .. As above, only minor bleached (tanned) wacke	
4 3 6	35	36	0.00 RBR Purple br, red br pink, yellow + white ool. shales, h. paint + vults	
4 3 7	36	37	0.01 RBR Only minor bleached as above.	
4 3 8	37	38	0.02 RBR Red br, purple br siltst (v. fgr. wacke) abd. un haem. (siltst)	
4 3 9	38	39	0.01 .. Red br, bleached + purple br fgr. wackes (siltst + shale)	
4 4 0	39	40	0.00 RBR Red br, minor yellowish ool. shales w. haematite paint	
4 4 1	40	41	0.01 RBR Red earthy haematite siltstone with spec. haem. veining	
4 4 2	41	42	0.24 RBR Red brown haematitic siltstone as above, traces fgr. spec. haem.	
4 4 3	42	43	1.68 RBR As above, lesser siltst.	
4 4 4	43	44	0.22 RBR Grey + dark red brown shales w. lesser fgr. spec. haem.	
4 4 5	44	45	0.04 SY Dark grey shales, minor pale-pallid + red	
4 4 6	45	46	0.00 .. Dark + medium + pale grey siltstone + shale (pale-green)	
4 4 7	46	47	0.00 .. Pale greenish grey + lesser dark medium grey siltst	
4 4 8	47	48	0.00 SY As above, tr. haematite paint.	
4 4 9	48	49	0.00 .. Dark blue green grey shales, minor bleaching along cracks.	
4 5 0	49	50	0.00 .. As above, some ? al. staining (pale variable ch. to sh. g. bl.?) not so	
4 5 1	50	51	0.01 .. As above, minor altered -> red brown - red paint after haem?	
4 5 2	51	52	0.00 .. As above, minor ? sh. staining, speckled ch. colour	
4 5 3	52	53	0.05 .. As above, gtz unit w. haematite slicken sides	
4 5 4	53	54	0.06 ..	
4 5 5	54	55	0.00 .. Blue green grey shales	
4 5 6	55	56	0.01 ..	
4 5 7	56	57	0.00 .. As above, minor, red-brown altered -> silicificat. -> gtz. units	
4 5 8	57	58	0.00 .. As above, slightly more brown silt? ? shear related	
4 5 9	58	59	0.00 .. As above, minor silt? + staining: crinkly cleavage planes,	
0 A 5 8 5 4 6 0	59	60	0.00 .. As above, slicks on gtz (haem?) vults	

SAMPLING RECORD

Material:	Depth:	Sampled By:
Map Ref:	Laboratory Request No.	Date:
LINE No	FROM	Photo No.
	TO	Bearing

PROJECT

Region:
Project:
Prospect:
Cost Code:

DRILLING RECORD

Drill Type:	CO-ORDINATES
R.L. m	Water At m
Dip	Azm
Date:	HOLE No TCGC 76

EXPLORATION
DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE DEPTH		SAMPLE CO-ORDINATE		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
	FROM	OR TO	N/S	E/W		
DA585461			60		61 Sh-c	006515 Dark blue green gray shales, minor reddish brown paint for hematite
462					62 Wash Sh-c	007515 Azabore with, (large blue) lumps mgs spec. sig. brown alt. & deaching
DA585463					63 Sh-c	087515 Fine gr. spec. massive hematite (minor dissem) in pregreen alt.
					64	
					65	
					66	
					67	
					68	
					69	
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					72	
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					86	
					87	
					88	
					89	
					90	

SAMPLING RECORD

Material:	Depth:	Sampled By:
Map Ref:	Laboratory Request No.	Date:
LINE No.	FROM	Photo No.
	TO	Bearing

PROJECT

Region:	Project:
Prospect:	Cost Code:

DRILLING RECORD

Drill Type:	CO-ORDINATES
R.L. m	Water At m
Dip	Azm
Date:	HOLE No. TCGC26

DIAMOND DRILL CORE LOG

FORM 293

PROJECT/PROSPECT

TCJV

Rising Moon

COLLAR CO-ORDS

7834 313 mN

439 905 mE

RL

AZ

356

INCL

-70

CORE LOSS %	DEPTH (m)	SAMPLE LIMITS	UNIT INTERVAL	TEXTURE AND STRUCTURE	GRAPHICAL LOG SCALE 1:250 or 1:	PETROLOGY AND MINERALOGY	THIN, POLISHED SECTION CORE ORIENTATION XRD RQD	DESCRIPTIVE LOG (UNSCALED)
	40							
	45							
	50							
	55							
	60	DAS 85 FOC 63.3m						63.3-65.4m: Brown ox?/alterat? halo around mt specular m.g. magnetite through a chlorite-talc (calcite) matrix as poorly developed or partly destroyed veins, and in matrix of breccia (pre mt) as disseminated replacement approaching a network. mt = 40-50% 65.4-66.6m: Dark green highly chloritised shale as an angular 'jig saw' breccia with a light green chlorite- talc matrix with less magnetite (20%) replacing matrix 66.6-68.7m: Dotted magnetite (50%) in pale green massive chlorite-talc matrix with minor fine grained disse- minated magnetite throughout minor brown oxidation halos as to 63.3-65.4m. Traces of pyrite in late veinlets of red earthy haematite 68.75-70.6m: Disputable interminable. Dotted magnetite with a strongly developed network of disseminated mt (40-50% total) in a pale green chlorite-talc matrix 70.6-72.5m: Breccia as for 65.4-66.6m with greater absorption on sh clasts into chlorite-talc matrix 72.5-74.55m: Dark green chlorite with minor magnetite at margins and disseminated. Fine breccia texture may be a shear localisation. mt = 25-30% 74.55-77.65m: Attenuated blebs of magnetite (20%) with minor disseminated magnetite in a pale green chlorite-talc matrix with minor brecciated chloritised shale partially absorbed into matrix 77.65-81.5m: Fragmented and skeletal magnetite blebs in a dark green chlorite (talc) matrix some remnant breccia textures with clasts having a possible pre-deformation disseminated magnetite content. Traces of pyrite growing along and out from late veinlets into breccia matrix
	65	46.4 64.35 65.4 66.6 67.35 68.05 68.75	64.35 65.4 66.6 67.35 68.05 68.75		▲▲▲	c, t, mt (2) mbx (sh-c)-st, mt mt, c, t (py)		
	70	69.65 71.7 72.5	70.6 71.7 72.5		▲▲	mt, c, t (mbx sh-c)-c, st, mt		
	75	73.55 74.55 75.85 76.2 77.65	74.55 75.85 76.2 77.65		~~~~~	msh c (mt) c, t, mt		
	80	78.55 79.6	79.6		~~~~~	msh c, mt (t, py)		

EXPLORATION
DIVISION

LOGGED BY

Richard Evans

DATE

23/7/90 HOLE NO TCQD 26

PAGE

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DIAMOND DRILL CORE LOG

FORM 293

CORE LOSS %	DEPTH (m)	SAMPLE LIMITS	UNIT INTERVAL	TEXTURE AND STRUCTURE	GRAPHICAL LOG SCALE 1:250 or 1:	PETROLOGY AND MINERALOGY	THIN, POLISHED SECTION CORE ORIENTATION XRD RQD	DESCRIPTIVE LOG (UNSCALED)
	80	80.45-81.3	81.3			Lpm		81.3-81.5m: Mica after biotite, rich magne f-m-gr. dkt with irregular phill magne 2 (10cm to 1cm base). Sharp undeformed contacts with minor py mineralization along them. Minor internal py along cracks emanating from g-h faults.
		82.1-83.65	83.65			m-cbx (Shch)-c (t, mt)		81.5-83.65m: Brecciated chert (dkt) for dissection. Earthy haematite, altered shale in a pale chl (talc) matrix supported with minor specular magnetite replacement of angular clasts, no fissure (shale) but 83.65-85.7m: Finer equivalent of the above clasts supported greater mt replacement of matrix (20%)
	85	84.6-85.7	85.7			mfbx (Sh-c)-c (t, mt)		85.7-89.05m: Fabric suggests a brecciated rock but may be a highly fractured rock with a granular matrix. Cracks produce clasts with minor magne f-biotite chlorite-talc-magnetite matrix and minor haematite chlorite shales. Biotite along late haematite fractures.
		86.6-87.45				mbx (Sh-c)-c, t, mt (py)		89.05-90.5m: Irregular intergrowth not obvious. Brecciated dark chlorite and lighter chl-talc-mt (15%) matrix.
		88.2-89.05	89.05					90.5-91.2m: 1/2 (along core) pale f-grained mica rich dkt and 1/2 talcose, possibly talc material as above.
	90	90.5-91.2	91.2			c (t, mt) Lpm/t, c (mt)		91.2-94.55m: Dark chl-talc in a foliated matrix of pale green talcose rock with minor magne f-biotite (20%) mostly parallel to foliation. Minor yellowing.
		92.2-93.75	93.75			msh t, mt, c		94.55-95.4m: High altered with a complex irregular fabric locally after a brecciated chloritised shale. No fossil record related to an intergrown granoblastic fabric of chlorite-talc and specular magnetite (10%) overgrowth.
	95	95.4-97.5	97.5			msh (Sh-c)-c (t, mt) mbx (Sh-g)-t, mt, c / Lpm		95.4-95.9m: Along core contact between above and below with a dark green-greenish brown oxid margin to igneous rock of fine grained biotite in v.f. g-d glass matrix.
		97.15-98.7	98.7			Lpm f-mbx (Lpm)-h, mt, g		95.9-97.15m: Medium grained dark greenish grey biotite lamprophyre. Minor small spots of K-spar alteration and matrix.
	100	100.2-101.45	101.45			bx (Lpm)-t, c, d, mt, h		97.15-97.5m: Sheared lamprophyre with quartz in a little matrix.
		101.45-103.15	103.15			msh c, t, d, mt, h		97.5-98.7m: Magnetite - earthy haematite matrix. As for 95.9-97.15m.
		103.15-104.5	104.5			mt c (d, g) Lpm		98.7-100.2m: Massive compact altered lamprophyre mostly fine grained talcose material replacing a chloritic equivalent after Lpm.
		104.5-107.45	107.45			Lpm - h/c (py)		100.2-101.45m: Fractured and breccia veined alteration material as above magnetite content increasing (6-40%) growing from fractures over is.
	105	107.45-108.5	108.5			Lpm		101.45-102.15m: Massive fine grained intergrown chlorite-magnetite (60%). Minor late dolomite zoning.
		110.55-111.65	111.65			msh Lpm		102.15-102.6m: Medium grained lamprophyre.
	110	110.55-111.65	111.65			Lpm		102.6-103.15m: Altered lamprophyre to massive f.g. chl matrix to pink-red. Alkali feldspar with traces of alkali feldspar matrix eating into biotite crystals.
		114.0-114.9	114.9			Lpm - g (py)		103.15-104.5m: Medium grained lamprophyre partially altered matrix to pink-red. Alkali feldspar with traces of alkali feldspar matrix eating into biotite crystals.
	115	114.0-114.9	114.9			Lpm		104.5-107.5m: Lamprophyre with traces of alteration to x-line feldspar. Other areas mottled dark & light matrix (possible precursor to x-line k-spar).
		117.45				Lpm		

DIAMOND DRILL CORE LOG

FORM 293

DIAMOND DRILL CORE LOG					PROJECT/PROSPECT		COLLAR CO-ORDS		RL	AZ	INCL
FORM 293							mN		mE	m	
CORE LOSS %	DEPTH (m)	SAMPLE LIMITS	UNIT INTERVAL	TEXTURE AND STRUCTURE	GRAPHICAL LOG SCALE 1:250 or 1:	PETROLOGY AND MINERALOGY	THIN, POLISHED SECTION CORE ORIENTATION XRD	DESCRIPTIVE LOG (UNSCALED)			
	120		120.8		•••••	Ln 2(h,l)		107.5-108.5m: More altered as above with strong localised K-spar matrix and better definition of dark H ₂ O alteration. Abdt. slickenside growth and minor laminated qtz vein development.			
	125		124.3		•••••	LPm		108.5-110.55m: Medium grained dark green-grey lamprophyre with minor K-spar matrix.			
			127.75		•••••	2-l(h)		110.55-111.65m: As for 103.5-104.5m, coarse grained.			
	130		131.2		•••••			111.65-114.0m: As for 108.5-110.55m.			
			EOD					114.0-114.9m: As for 103.5-104.5m, blotchy with abundant massive qtz veins and blebs.			
	135							114.9-131.2m: Medium grained grading to coarse grained lamprophyre with minor K-spar matrix.			
								qtz veins: 121.3m lamd 2(h,l)			
								122.5m lamd 2-h(l)			
								126.65m 2-l(h)			

EXPLORATION
DIVISION

LOGGED BY

DATE

HOLE NO TCGD 26 PAGE 3 OF 3



EXPLORATION
DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER		DRILL HOLE DEPTH		DESCRIPTION		ANALYTICAL DATA (Values in ppm unless otherwise stated)	
		FROM	TO				
		SAMPLE CO-ORDINATE					
		N/S	E/W				
DA587	401		0		1 Ns	0.23 YBR	Clayey bulldust + sand, minor black
	402		1		2	0.25	
	403		2		3	0.23	
	404		3		4 Ns/Nc	5.50	As above + abd subangular gravel of gtz. Scl/Su/H
	405		4		5 Nc/Ns	10.062	As above abd don't find grey/red wackes
	406		5		6 or Sw	0.56	Purple + grey, mgr wackes, minor alteration
	407		6		7	0.81	
	408		7		8 or Sw	0.67	Abundant yellow brown powder of shale + wackes as above
	409		8		9	5.10	As above, more white alteration clay + grey alt. for 9st Sh
	410		9		10 or Sw	0.78	Brown, minor yellowish + purple, f-cgr wackes, minor alt.
	411		10		11	0.53	As above, minor alteration clay
	412		11		12	0.58	
	413		12		13	1.00	
	414		13		14 or Sw (S)	0.67	Mottled brown wackes + abdt powder = Sh?
	415		14		15	0.53	
	416		15		16	1.27	
	417		16		17 or Sw	1.05	As for 5-7m
	418		17		18 or Sw (S)	0.45	Red purple powder + fine gr wackes, minor alteration
	419		18		19 or Sw (S)	0.32	Only minor wackes
	420		19		20	0.47	
	421		20		21	0.72	
	422		21		22	0.78	As above for fine grained wackes
	423		22		23	1.44	
	424		23		24	0.48	
	425		24		25	0.93	
	426		25		26	0.94	
	427		26		27	0.39	F-mar wackes
	428		27		28 or Sw	0.27	Only purple brown shale
	429		28		29	0.34	As above, slickensides on orange stained gtz wackes
DA587	430		29		30	0.27	As above, minor f-cgr, red brown wackes

SAMPLING RECORD				PROJECT				DRILLING RECORD 7834288			
Material:		Depth:		Sampled By:		Region:		Drill Type:		CO-ORDINATES	
Map Ref:		Laboratory Request No.		Date:		Project:		R.L. m Water Table At 60? m		12.55 m N/S	
		FROM		Photo No.		Prospect: Rising Moon		Dip - 75 Azm 356		1000 m E/W	
		TO		Bearing		Cost Code: 3919/4069		Date: 9/90		HOLE No: TCGC 27	



SAMPLE DATA SHEET

SAMPLE NUMBER	DRILL HOLE DEPTH		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)	
	FROM	TO			
	SAMPLE CO-ORDINATE				
	N/S	E/W			
0A587	431	30	21	0.74 RBR	Purple brown ox. haematite shale v. minor red fgr. wacke
	432	31	22	0.20	As above for brown red fgr. wacke
	433	32	33	0.23	Shale as above, tr. wacke + minor purple brown - ind. siltstone
	434	33	34	0.81 BR	Shale as above + sig. dark brown siltstone
	435	34	35	0.23 PPL	As above + minor fgr. wacke
	436	35	36	0.38 BR	Purple brown shale powder with v. minor fgr. wacke
	437	36	37	0.26 PPL	Shale with traces of siltstone + fgr. wacke
	438	37	38	0.39	As above minor siltstone - fine black speckle... haematite?
	439	38	39	0.27	As above, sig. gtz.
	440	39	40	0.31	As above
	441	40	41	0.26 BR	Shale v. min. fgr. wacke
	442	41	42	0.42 RBR	Purple brown shale, red brown - fgr. wacke
	443	42	43	0.53 RBR	"
	444	43	44	0.67 RBR	Purple brown siltstone + shale, trace red br. fgr. wacke
	445	44	45	0.29	As above greater wacke, speckled w. black
	446	45	46	0.25	As above with orange stained greenish black w. slickensides
	447	46	47	0.33	As above minor white alteration
	448	47	48	0.40	As above gtz + slicks
	449	48	49	0.36	"
	450	49	50	0.38	"
	451	50	51	0.65	"
	452	51	52	0.53 GYBR	As above greater wacke
	453	52	53	0.41	As above includes dark purple brown siltstone
	454	53	54	0.39	"
	455	54	55	0.35	"
	456	55	56	0.36	As above minor red + yellow brown
	457	56	57	0.42	Fine - v. fine wackes + minor siltstone
	458	57	58	0.41	As above, minor red brown v. minor greenish black
	459	58	59	0.51	"
0A587	460	59	60	0.43	"

SAMPLING RECORD

Material:	Depth:	Sampled By:
Map Ref:	Laboratory Request No.	Date:
LINE No.	FROM	Photo No.
	TO	Bearing

PROJECT

Region:
Project:
Prospect:
Cost Code:

DRILLING RECORD

Drill Type:	CO-ORDINATES
R.L. m	m N/S
Water At Table m	m E/W
Dip	Azm
Date:	HOLE No. TCGC27

EXPLORATION
DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER			DRILL HOLE DEPTH		DESCRIPTION	ANALYTICAL DATA	
			FROM	OR TO			
			SAMPLE CO-ORDINATE				
			N/S	E/W	(Values in ppm unless otherwise stated)		
DAS 587	461	61			61 oxSw tr	0.37 SYBR	Brown, reddbr + y. br. f. gr. g/z wacke-arenite, has paint
	462	61			62	0.66	
	463	62			63	0.80	
	464	63			64	1.09	
	465	64			65	0.95	
	466	65			66	0.69 PBR	As above some slightly haematized/jasperized?
	467	66			67	0.46	Red + yellow brown wacke
	468	67			68	1.29	Red yellow + grey brown wacke
	469	68			69 mt kg. cy 70 15	71.6 BR	Blue black mt. Reddish haematite, minor g/z replacing Sw? +
	470	69			70 oxSw. mt 20 5	10.2 BR	Highly altered wacke? with grungy clay at base of core
	471	70			71 oxLPn - (S-10 tr	0.95 SNBR	Oxidized altered m. gr. amorphous minor massive dark mt
	472	71			72	0.61 SNBR	smells of S ²⁻
	473	72			73	0.51 SNBR	As above may contain some sediments (clay cobur)
	474	73			74	0.48	
	475	74			75	0.74 SYBR	As above, minor jaspery rept. of amorphous
	476	75			76	0.59	Only trace of jasperization, pinkish common
	477	76			77 LPn	1.02	Reddish dark grey m. gr. bitite. Amphiphyre
	478	77			78	0.77	
	479	78			79	0.73	
	480	79			80	0.88	
	481	80			81 chLm S-10 20	0.97	Amphiphyre as above greater red altered + g/z + g/z - mt
	482	81			82 LPn 10 5	1.33	Only minor sheared (chloritic) + pink g/z - dolomite
	483	82			83	0.63	As for 70-80m
	484	83			84	0.64	
	485	84			85	0.63	
	486	85			86	1.22	
	487	86			87	0.82 SYBR	
	488	87			88	0.72 BR	
	489	88			89	0.57 SY	
	490	89			90	0.53	As above minor siltstone

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
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SAMPLING RECORD

Material:	Depth:	Sampled By:
Map Ref:	Laboratory Request No.	Date:
LINE No.	FROM TO	Photo No. Bearing

PROJECT

Region:	Project:
Prospect:	Cost Code:

DRILLING RECORD

Drill Type:	CO-ORDINATES
R.L. m	Water Table m
Dip. Azm	HOLE No. TCGC 27
Date:	



SAMPLE DATA SHEET

SAMPLE NUMBER	DRILL HOLE DEPTH		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)
	FROM	TO		
	SAMPLE CO-ORDINATE			
	N/S	E/W		
0A587491	90	91	CPm	5.00
492	91	92	...	5.03
493	92	93	...	6.5
494	93	94	...	Er 1.28
495	94	95	...	Er 1.65
496	95	96	...	Er 2.67
497	96	97	...	Er 2.21
498	97	98	...	Er 0.89
499	98	99	...	Er 1.06
500	99	100	...	Er 0.66
501	100	101	...	15 0.8
502	101	102	...	20 0.4
503	102	103	...	5 0.72
504	103	104	...	Er 0.41
505	104	105	...	10 0.48
506	105	106	...	Er 0.60
507	106	107	...	Er 0.53
508	107	108	...	Er 0.49
509	108	109	...	Er 0.61
510	109	110	...	Er 0.59
511	110	111	...	Er 0.72
512	111	112	CPm	Er 4.76
513	112	113	...	Er 5.17
514	113	114	CPm	5 4.0
515	114	115	CPm	25 1.16
516	115	116	CPm	Er 15.0
517	116	117	CPm	Er 2.66
518	117	118	...	Er 0.93
519	118	119	...	Er 1.83
520	119	120	...	Er 2.01
				1.32

Mag. biotite lamprophyre, slightly chloritized patchy K-spar
As above with 2% garnet unq
As above only limited 2% do
Finer grained locally foliated chl: lamprophyre, 1% dol
As before
As above minor shearing
More chl: sheared + 2% (do) unq lamprophyre
Only minor sheared as above, traces of pyrite
As before
As above, tr pyrite in gts
No py seen

SAMPLING RECORD

Material:	Depth:	Sampled By:
Map Ref:	Laboratory Request No.	Date:
LINE No	FROM TO	Photo No. Bearing

PROJECT

Region:
Project:
Prospect:
Cost Code:

DRILLING RECORD

Drill Type:	CO-ORDINATES
R.L. m	Water Table m
Dip	Azm
Date:	HOLE No

TCGC27



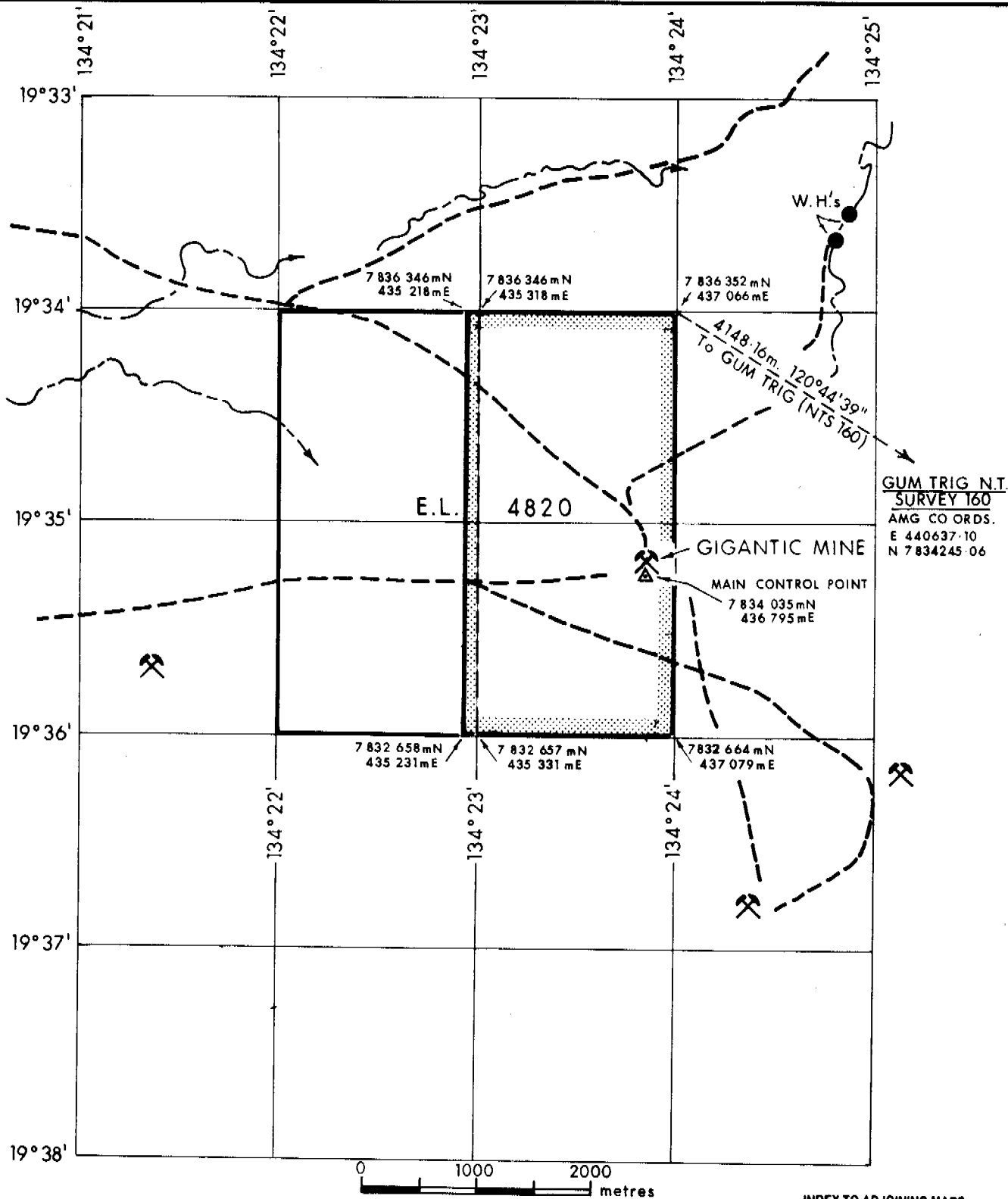
EXPLORATION
DIVISION

SAMPLE DATA SHEET

Form 270

SAMPLE NUMBER	DRILL HOLE		DEPTH TO	OR		DESCRIPTION	ANALYTICAL DATA (Values in ppm unless otherwise stated)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	SAMPLE CO-ORDINATE			SAMPLE CO-ORDINATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	N/S	E/W		N/S	E/W			N/S	E/W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
DA 5 87	521	26	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10	121	LPm	5-10

SAMPLING RECORD		PROJECT		DRILLING RECORD	
Material:	Depth: 153	Region:	Project:	Drill Type:	CO-ORDINATES
Map Ref:	Laboratory Request No.	Photo No.	Project:	R.L. m Water At m	m N/S
LINE No.	FROM	Bearing	Cost Code:	Dip. Azm.	m E/W
TO				Date:	HOLE No. TCGC 27



EXISTING BOUNDARY E.L.4820



AREA of APPLICATION for an
EXPLORATION RETENTION LEASE.
(APPROX AREA 682 ha)

INDEX TO ADJOINING MAPS

Short Range 52/1	Flynn 52/2	Barkly 52/3
Kelly 52/4	Tennant Creek 52/5	Gosse River 52/6
Chaluba 58/1	Bonney 58/2	Doradidgee 58/3

WESTERN MINING CORPORATION LIMITED - EXPLORATION DIVISION

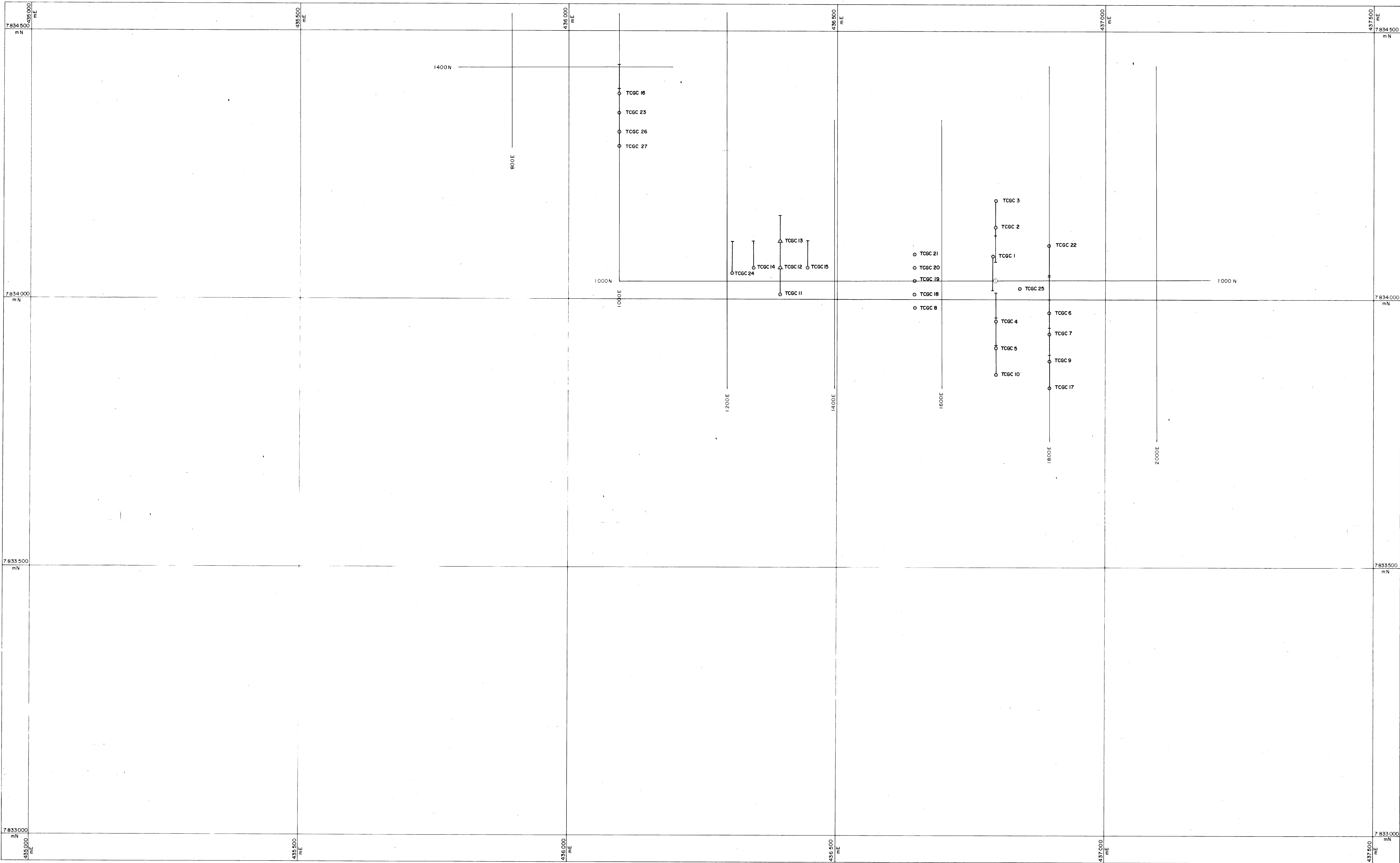
Map Ref.	TENNANT CREEK 52/5
Date	16.11.88
Author	R. Evans D.A.B.
Revised	

APPLICATION for an EXPLORATION RETENTION
LEASE
E.L.4820 GIGANTIC MINE AREA.
TENNANT CREEK JOINT VENTURE AREA - N.T.

Scale 1 : 50 000

Figure No. 1.

Plan No.
7047 / 22



LEGEND

- MAIN CONTROL POINT AMG CO-ORDS
436 795 15 m E
7 834 035 16 m N

LAT. 19° 35' 15.352" S
LONG. 134° 23' 50.432" E

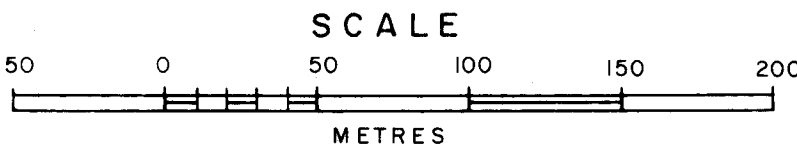
ADH R.L. 335.8 m
(DATUM GUM TRIG 350.7 m)

GRID 90° 00' TRUE
89° 48' AMG

SHEET INDEX

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

CR91/171



REVISIONS			
Revised by	Date	Revised by	Date

WESTERN MINING CORPORATION LIMITED EXPLORATION DIVISION	
DRILL HOLE LOCATIONS GIGANTIC PROSPECT E.L. 4820 TENNANT CREEK JOINT VENTURE AREA NORTHERN TERRITORY	
Author:	Map Ref.: 53-43-7830-7
Date:	Plan No.
Scale: 1:2500	7047 / 16

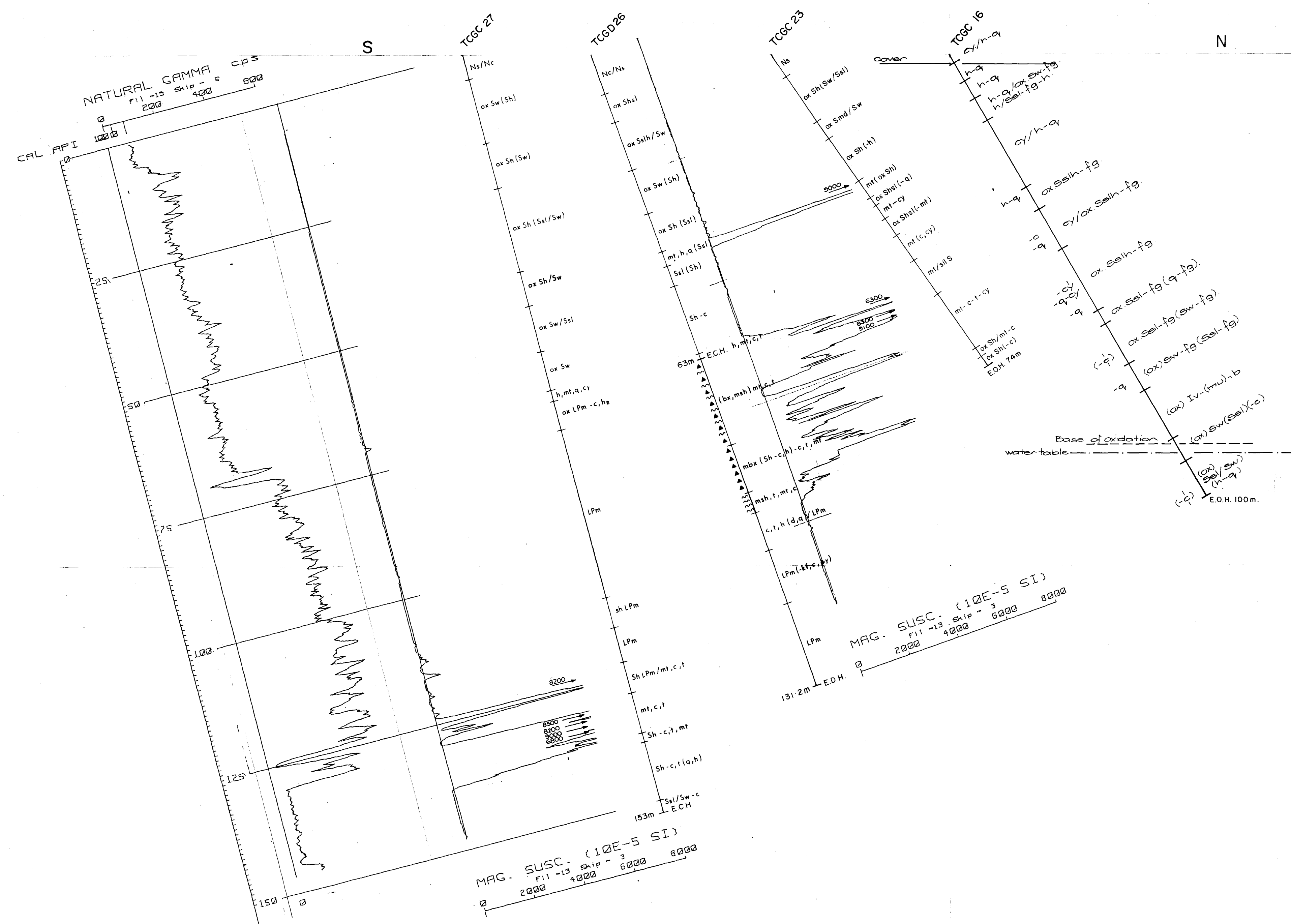
PLAN

LEGEND

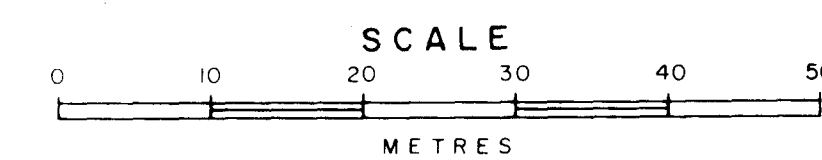
- | | |
|-----|--|
| Nso | Transported cover sand |
| Nc | Colluvium |
| h-q | Ironstone : Massive specular haematite |
| Sst | Siltstone |
| Ssh | Silt-shale |
| Sw | Wacke |
| Sh | Shale |
| Iv | Intermediate dyke |

- ox oxidised (mox-mottled, sox-slightly)
- c chloritic
- cy clayey
- fg ferruginous
- h haematitic
- q quartz

SECTION



CR9 1 / 17 1



REVISIONS			
Revised by	Date	Revised by	Date
Added TCGC 23	16-10-89		

WESTERN MINING CORPORATION LIMITED	
EXPLORATION DIVISION	
CROSS SECTION 1000E	
RISING MOON PROSPECT	
E.R.L. 85	
TENNANT CREEK JOINT VENTURE AREA	
NORTHERN TERRITORY	
Author: R EVANS / <u>C Bruce</u>	Map Ref.:
Date: <u>15.3.85</u>	Plan No.
Scale: 1 500	7047/178

WESTERN MINING CORPORATION LTD

COMPUTERISED BOREHOLE LOGGING

TENNANT CREEK
RISING MOON

LOGGING SPEEDS

NEUTRON PROBE 5 M/MIN

IP PROBE 2 M/MIN

SUSC. PROBE 5 M/MIN

DATUM ABOVE GROUND LEVEL 0.00 M.

CASING DEPTH: -80 m.

LINEBASE: 200 mS.

OPERATOR: R. MILES.

WATER LEVEL: 60.00 M.

PLOTTING SCALE: 1:500

IP PARAMETERS

PROBE TYPE: 100cm D/D

ON/OFF TIME: 500 mS.

BOREHOLE NO.: TCGD 26

DEPTH LOGGED 119.44 m

DATE LOGGED 01 10 90

DATE PROCESSED 09 10 90

LOGGING UNIT TRUCK #3

NATURAL GAMMA CCS

0 100 200 300

IP RESISTIVITY Ohm-m

0 100 200 300 400

SELF POTENTIAL mV

-600 -400 -200 0 200

CHARGEABILITY

0 200 400 600 800

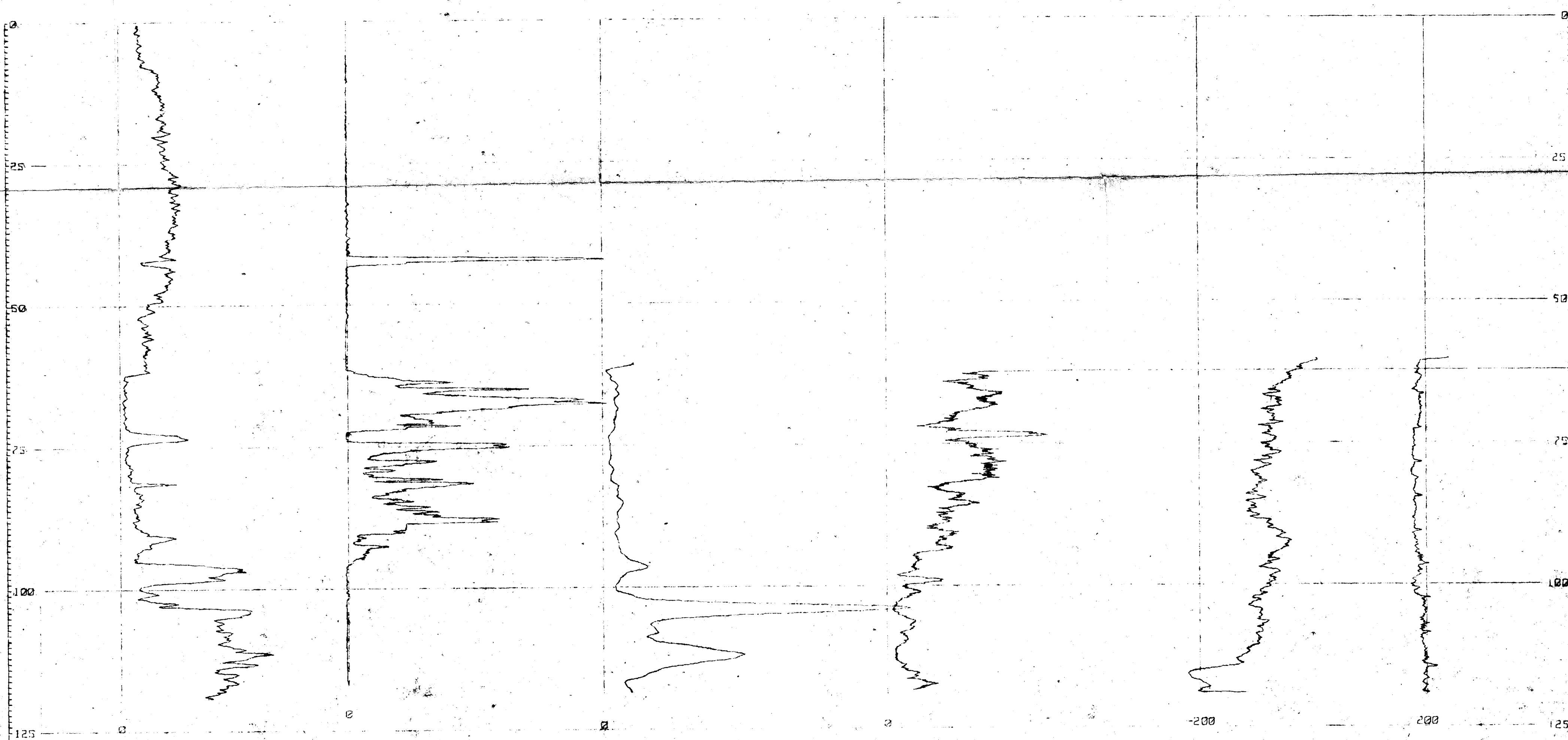
RESISTANCE Ohms

0 100 200 300 400

MAG. SUSC. (10E-5 SI)

0 2000 4000 6000 8000

DEPTH (M)



7047-191

CR91/171

CR91/171

WESTERN MINING CORPORATION LTD

COMPUTERISED BOREHOLE LOGGING

TENNANT CREEK
RISING MOON

LOGGING SPEEDS

NEUTRON PROBE 5 M/MIN
IP PROBE 2 M/MIN
SUSC. PROBE 5 M/MIN

DATUM ABOVE GROUND LEVEL 0.00 M

CASING DEPTH: -54 m

TIMEBASE: 200 mS

OPERATOR: J. R. MILES

WATER LEVEL: -54.00 M

PLOTTING SCALE: 1:500

IP PARAMETERS

PROBE TYPE: 100cm D/D
ON/OFF TIME: 500 mS

BOREHOLE NO. LOGC 27

DEPTH LOGGED 147.22 m

DATE LOGGED 01.10.90

DATE PROCESSED 02.10.90

LOGGING UNIT TRUCK #3

NATURAL GAMMA CBS

0 200 400 600

IP RESISTIVITY Ohm-m

0 50 100 150 200

SELF POTENTIAL mV

-600 -400 -200 0 200

CHARGEABILITY

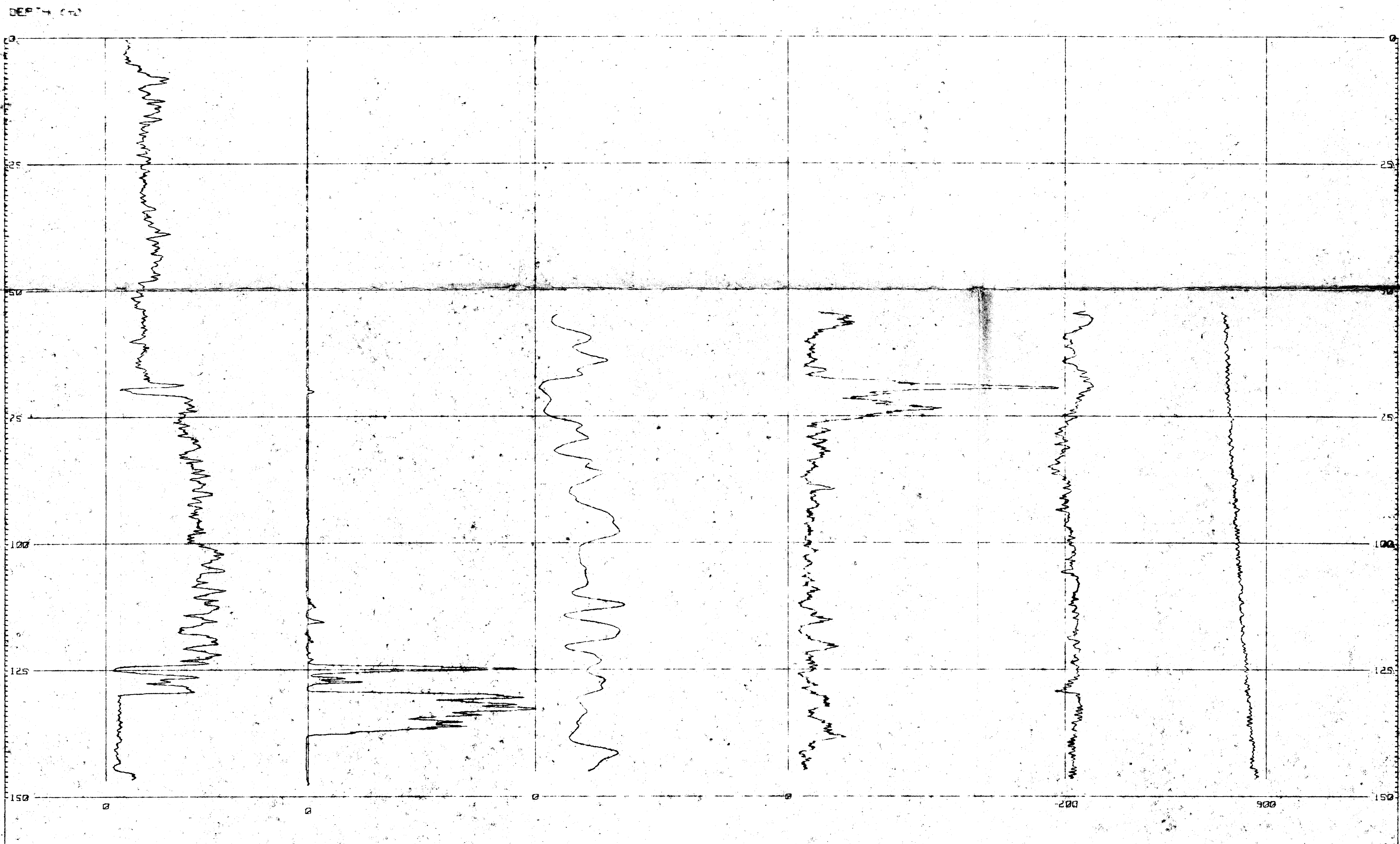
0 200 400 600 800

RESISTANCE Ohms

700 800 900 1000 1100

MAG. SUSC. (10E-5 SI)

2 2232 4232 5000 6072



7047-192

CR91/171

CR91/171