NORMANDY
TENNANT CREEK PTY LTD
ACN 002 910 298
PO Box 294, Tennant Creek 0861
Northern Territory, Australia
Telephone (08) 8963 2399
Facsimile (08) 8963 2377

ANNUAL REPORT FOR MCCs 759, 790-792

FOR THE PERIOD 2/8/97 TO 25/3/99

TENNANT CREEK DISTRICT, NORTHERN TERRITORY

SMELTER, NIRVANA AND MARSANNE PROSPECTS

CAMELOT CENTRAL JOINT VENTURE 2, WHITE DEVIL WEST REPORTING GROUP

MAP SHEET NO SE53-14

VOLUME 1 OF 1

RECEIVED
TENNANT CREEK
19 APR 1999
DEPARTMENT OF
MINES &
ENERGY

AUTHOR: P MOUCHET

DATE: APRIL 1999

AUTHORISED BY: Colin Price

DISTRIBUTION:

- ☐ NT DEPARTMENT OF MINES AND ENERGY - TENNANT CREEK/DARWIN OFFICE 1
- ☐ PACIFIC MINING CORPORATION LIMITED 1
- ☐ NORMANDY TENNANT CREEK PTY LIMITED - TENNANT CREEK OFFICE 1
- ☐ NORMANDY EXPLORATION LIMITED - KENT TOWN LIBRARY 1

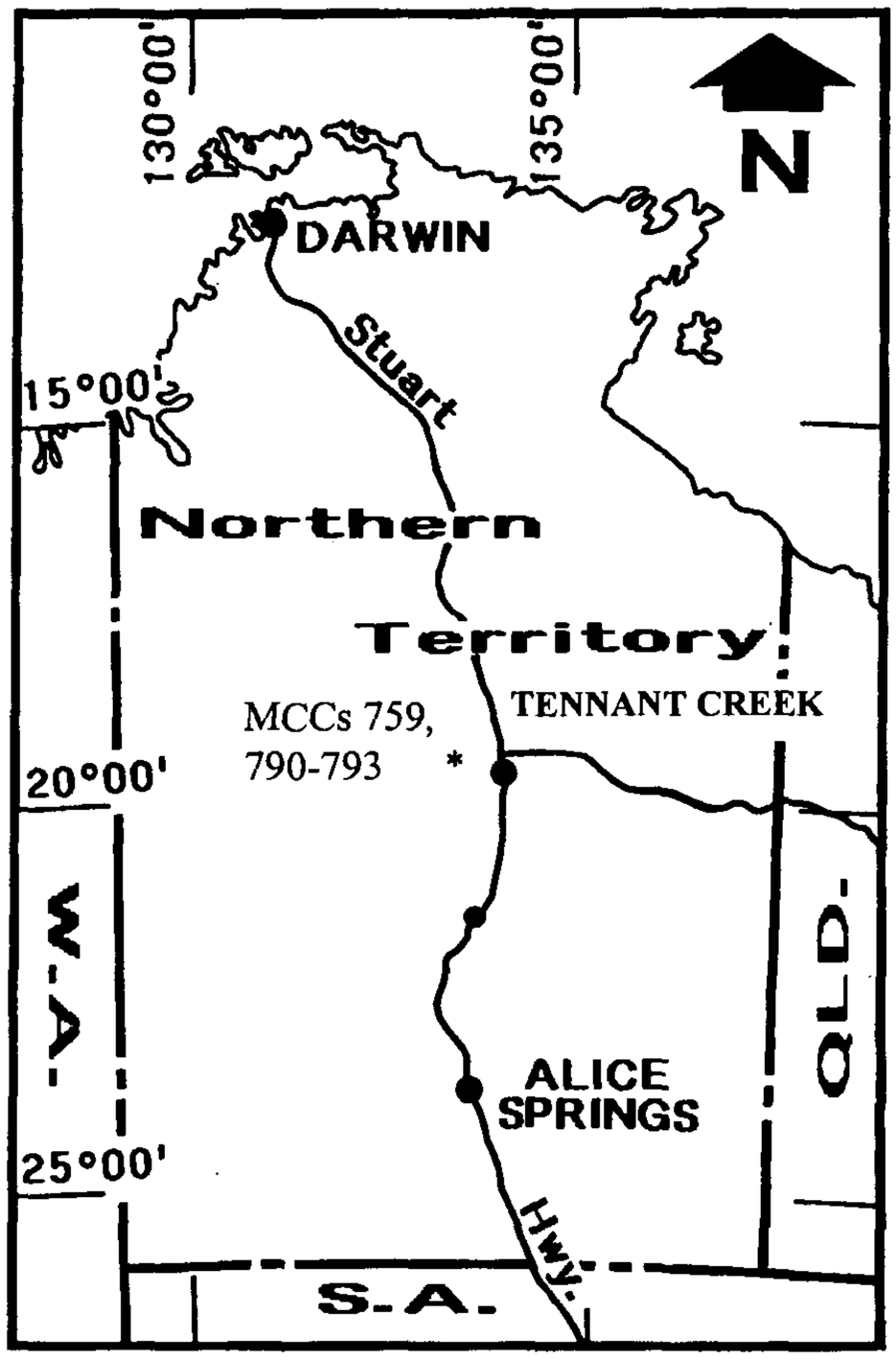
The contents of this report remain the property of Normandy Tennant Creek Pty Limited and may not be published in whole or in part nor used in a company prospectus without the written consent of the Company.

Tennant Creek Library No: 99033 **Kent Town Library No: 23949**

CR99/363

SUMMARY

REPORT NO: TENNANT CREEK: 99033 ADELAIDE: 23949
TITLE: ANNUAL REPORT FOR MCCs 759, 790-792 FOR THE PERIOD 2/8/97 TO 25/3/99, TENNANT CREEK DISTRICT, NORTHERN TERRITORY, SMELTER, NIRVANA AND MARSANNE PROSPECTS, CAMELOT CENTRAL JOINT VENTURE 2, WHITE DEVIL WEST REPORTING GROUP, MAP SHEET NO SE53-14, VOLUME 1 OF 1.
AUTHOR: P MOUCHET
DATE: APRIL 1999



The Smelter Prospect (MCC 759), Nirvana Prospect (MCC 790) and Marsanne Prospect (MCCs 791-792) are subject to a joint venture agreement, the Tennant Creek Central Joint Venture (CJV2). The claims are located approximately 40km west of Tennant Creek township near the White Devil gold mine.

This report details work undertaken on MCCs 759, 790 & 791-792 (Smelter, Nirvana & Marsanne Prospects) during the period 2/8/97 to 25/3/99.

Work completed by Normandy Tennant Creek Pty Limited during the reporting period included a review of all available data, a helimagnetic survey, RC drilling at MCC 759 (Smelter Prospect), RC drilling at MCCs 791-792 (Marsanne) and the completion of a report in support of renewal of MCC 790 (Nirvana) and MCCs 791-792 (Marsanne).

CONTENTS

		Page
1	CONCLUSIONS & RECOMMENDATIONS	1
2	INTRODUCTION	1
3	LOCATION & ACCESS	1
4	TENURE	1
5	REGIONAL GEOLOGY	2
6	LOCAL GEOLOGY	3
	6.1 MCC 759 Smelter	3
	6.2 MCC 790 Nirvana	3
	6.3 MCCs 791-792 Marsanne	3
7	PREVIOUS WORK	3
	7.1 MCC 759 Smelter	3
	7.2 MCC 790 Nirvana	4
	7.3 MCCs 791-792 Marsanne	4
8	WORK CARRIED OUT DURING REPORTING PERIOD	4
	8.1 Data Review	5
	8.2 Helimagnetic Survey	5
	8.3 RC Drilling at MCC 759 (Smelter)	5
	8.4 RC Drilling at MCC 791-792 (Marsanne)	6
9	EXPENDITURE STATEMENT FOR THE PERIOD 2/8/97 TO 25/3/99	6
10	RECOMMENDED WORK PROGRAMME & PROPOSED EXPENDITURE FOR THE PERIOD 26/3/99 TO 25/3/00	6
11	ENVIRONMENTAL/REHABILITATION REPORT	7
12	REFERENCES	8

LIST OF FIGURES

Figure No	Title	Scale
1	MCCs 759, 790-792, Location Plan	1:100,000
2	MCC 759, Helimagnetic Survey Contour Plot	1:10,000
3	MCC 790, Helimagnetic Survey Contour Plot	1:10,000
4	MCCs 791-792, Helimagnetic Survey Contour Plot	1:10,000
5	MCC 759, Hole Location Plan	1:1,000
6	MCCs 791-792, Hole Location Plan	1:5,000

LIST OF TABLES

Table No	Title	Page
1	Tenure Summary of MCCs 759, 790-792	2
2	Exploration Expenditure for MCCs 759, 790-792 from 2/8/97 to 25/3/99	6
3	Proposed Exploration Expenditure for MCCs 759, 790-792	7

LIST OF APPENDICES

Appendix No	Title
1	RC Drilling at MCC 759 Smelter
2	RC Drilling at MCCs 791-792 Marsanne
3	Bibliographic Data Sheet

1 CONCLUSIONS & RECOMMENDATIONS

Drilling completed at MCC 759 (Smelter) indicates that the shallow ironstone plunges at a moderate angle to the west but its dimensions are smaller than anticipated. SMRC-008 appears to have intersected the weakly mineralised ironstone at its thickest point (24m @ 0.8% Cu, 0.07g/t Au from 206m) from where it then thins to the east and west. Drilling at MCC 791-792 (Marsanne) returned only patchy weak copper mineralisation and small poddy ironstones.

Work completed over Smelter prospect, Nirvana and Marsanne have downgraded the prospectivity of these claims and only magnetic re-modelling and minor ground follow-up at Smelter is recommended at this stage.

2 INTRODUCTION

Marsanne is located within the Navigator Fault system, within which the Warrego Mine (5Mt @ 7.6g/t Au and 2% Cu and 0.32% Bi) and White Devil Mine (1.1Mt @ 17.3g/t Au) are situated. A number of subparallel and perpendicular faults to the Navigator Fault system are the primary targets of the area.

This report details work undertaken on Smelter, Nirvana & Marsanne Prospects during the period 2 August 1997 to 25 March 1999.

3 LOCATION & ACCESS

The Smelter prospect is located about 37km NW of the Tennant Creek. The Smelter prospect can be reached via a tar-sealed road to the disused GeoPeko mines smelter and a dirt track extending 500m to the east into the prospect (Figure 1).

The Nirvana prospect is situated approximately 40km NW of the Tennant Creek Township and six kilometres SE of Warrego. The prospect can be accessed by the sealed Warrego Road. The SSE orientated NT Gas pipeline road can then be followed for approximately three kilometres to the prospect (Figure 1).

The Marsanne prospect is situated approximately 40km NW of the Tennant Creek and six kilometres south east of Warrego. The prospect can be accessed by the sealed Warrego Road. Through following the SSE orientated NT Gas pipeline road (turnoff: 1.5km before Warrego township) for approximately three kilometres access can be gained to the SE corner of the tenement (Figure 1).

The climate of the Tennant Creek district is mild and dry through most of the autumn to spring months. The summer period is hot with seasonal heavy rainfall between January and March making access very difficult during these periods.

4 TENURE

The Smelter, Nirvana and Marsanne prospects are subject to a joint venture agreement, the Tennant Creek Central Joint Venture (CJV2). This joint venture agreement (named Camelot Central JV2) between Normandy Tennant Creek Pty Limited (Normandy) and Camelot Resources NL (now Pacific Mining Corporation Limited; Pacmin) was signed in September 1997 in which Normandy will manage and operate a selected 20 out of 48 prospects considered prospective by Normandy.

The current ownership and operational composition of the joint venture is:

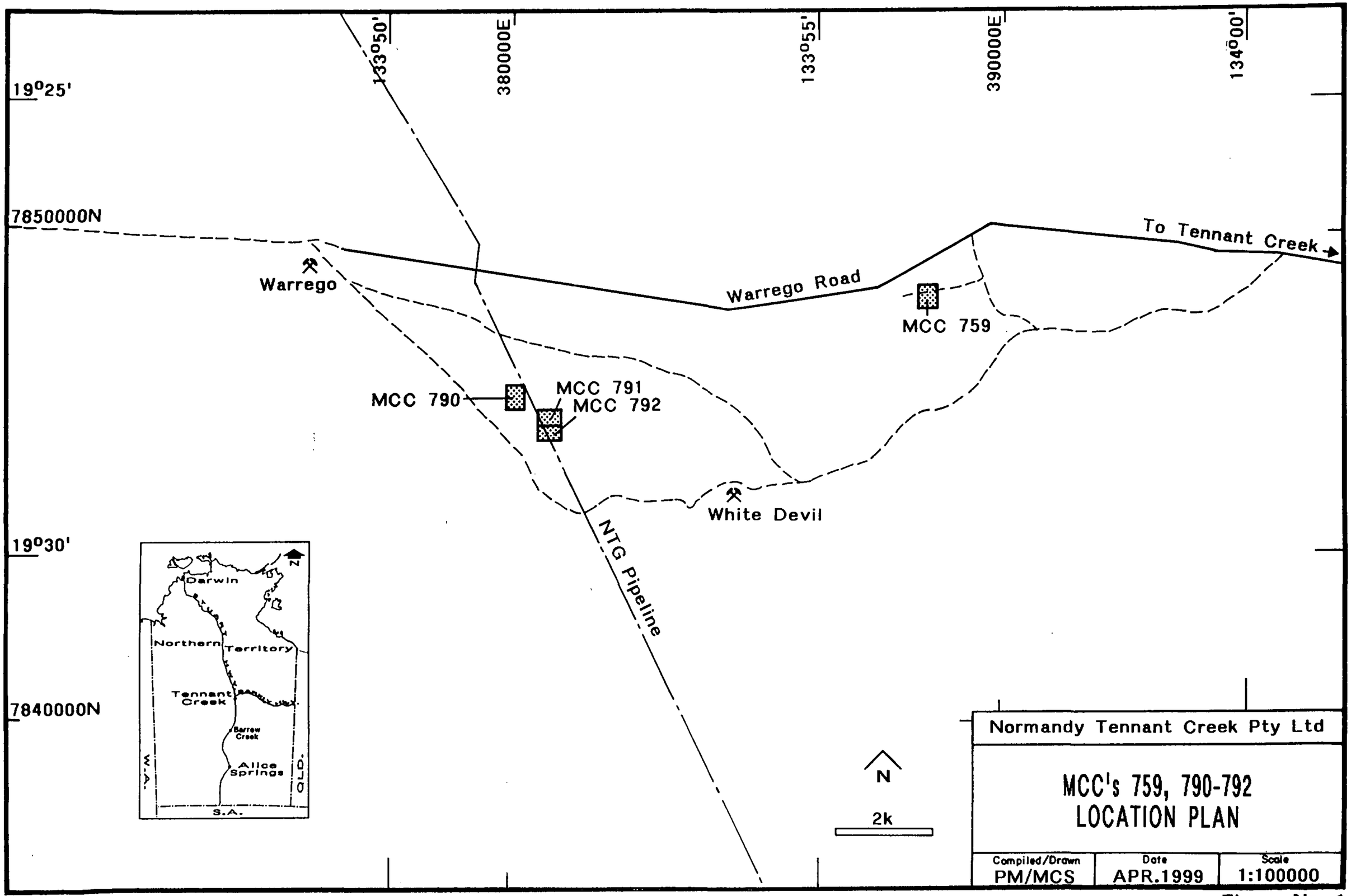

133°50'
380000E
133°55'
390000E
134°00'
19°25'
7850000N
19°30'
7840000N
Warrego
Warrego Road
To Tennant Creek
MCC 759
MCC 790
MCC 791
MCC 792
White Devil
NTG Pipeline
N
2k
Darwin
Northern Territory
Tennant Creek
Barrow Creek
Alice Springs
W.A.
QLD.
S.A.
Normandy Tennant Creek Pty Ltd
MCC's 759, 790-792
LOCATION PLAN
Compiled/Drawn
PM/MCS
Date
APR.1999
Scale
1:100000

Figure No. 1

- Normandy Tennant Creek Pty Limited 57% (operator and sole funder)
- Tennant Creek Holdings Pty Limited 33%
- Normandy NFM Limited 10%

Smelter Prospect was granted to GeoPeko on the 13 May 1988 for a five year period. A renewal was subsequently granted to GeoPeko on the 25 January 1994 for a period of five years. Following the departure of GeoPeko from the Tennant Creek field the prospect was taken over by Normandy NFM Limited (NFM). Normandy submitted a report in support of renewal of the Smelter prospect for another period of five years in November 1997 (Ward, 1997a). Smelter was renewed on 24 September 1998 and will expire on 31 December 2000.

Nirvana Prospect was granted to GeoPeko on the 15 November 1988 for a period of five years. A renewal was granted to GeoPeko on the 25 January 1994 for a period of five years. Normandy submitted a report in support of renewal of Nirvana for another period of five years in September 1998 (Price & Mouchet, 1998). Nirvana was renewed on 1 March 1999 and will expire on 31 December 2001.

Marsanne was granted to GeoPeko on the 15 November 1988 for a five year period. A renewal was granted to GeoPeko on the 25 January 1994 for a period of five years. Normandy submitted a report in support of renewal of MCC 791-792 for another period of five years in November in September 1998 (Price & Mouchet, 1998). Marsanne was renewed on 1 March 1999 and will expire on 31 December 2001.

Table 1: Tenure Summary of MCCs 759, 790-792

Title	Tenement Name, Location	Size (ha)	Date Granted	Date Renewed	Date Expires
MCC 759	SMELTER Explorer 93	20.00	13/5/88	24/9/98	31/12/00
MCC 790	NIRVANA, Navigator 8, Black Angel	20.00	15/11/88	3/1/99	31/12/01
MCC 791	MARSANNE, Explorer 176, Black Angel	15.00	15/11/88	3/1/99	31/12/01
MCC 792	MARSANNE, Explorer 176, Black Angel	15.00	15/11/88	3/1/99	31/12/01

5 REGIONAL GEOLOGY

The geological understanding of the Tennant Creek Inlier has been recently advanced by detailed geological mapping over the Tennant Creek and Flynn 1:100,000 map sheets (Donnellan et. al. 1995), precision dating of stratigraphic components of the region (Compston, 1995) and regional geophysical interpretations.

The oldest exposed Proterozoic lithofacies in the Tennant Creek Inlier are the metasedimentary rocks of the Warramunga Formation, which are the hosts to the ironstone Au-Cu-Bi mineralisation of the Tennant Creek Goldfield. These Palaeoproterozoic metasediments were deposited approximately 1860 Ma. Deformation and intrusion of the Warramunga Formation by volumous porphyries and granitoids occurred during the Barramundi Orogeny (1858 Ma to 1845 Ma).

Following deformation and uplift the volcanics and volcaniclastics of the Flynn Sub-Group were erupted (1845 Ma to 1827 Ma), with intrusion of porphyries and minor granitoids into the Warramunga Formation. An additional deformation event preceded the deposition of the Hatches Creek Group/Tomkinson Creek Sub-Group (1820 Ma to 1785 Ma) and the intrusion of late-stage granitoids and porphyries into both the Warramunga Formation and Flynn Sub-Group at 1650-1712 Ma.

6 LOCAL GEOLOGY

6.1 MCC 759 Smelter

The prospect is dominantly covered by Quaternary sandy soil which vacuum drilling (conducted by NFM) has defined as generally less than two metres thick. A thin veneer of quartz gravel covers the sandy soil in the northern portion of the tenement (Ward, 1997a). The tenement is topographically flat with small hills around the edge of the tenement to the S, SW and E. The local vegetation is moderate to dense spinifex, turpentine and mulga scrub in addition to a variety of shrubs and grasses.

Minor ferruginous greywacke outcrop occurs in the central western portion of the tenement. Results from vacuum drilling suggest the tenement is dominated by turbiditic siltstone with a porphyry in the center of the prospect. Mapping and interpretation of airborne magnetics suggest that an axial plane cleavage of an anticlinal fold is oriented ESE to WNW through the area of mineralisation (Ward, 1997a).

6.2 MCC 790 Nirvana

The tenement is mostly flat with small northeast trending ridges. Thick mulga scrub impedes access over the northern portion of the tenement. The prospect is dominantly covered by Quaternary sandy soil. Minor ferruginous siltstones and porphyry outcrop is exposed in the south of the tenement. Results from drilling suggest the tenement is comprised of Warramunga siltstones, greywackes and late porphyry intrusive. Magnetic modeling of the magnetite ironstone, constrained by the GeoPeko diamond drill holes, suggest that lenticular ironstone (70m below surface) plunges at 45° towards the SE for a distance of 92m. The modeling suggests that the ironstone has a width of 70m and a depth of 20m. The presence of brown and green garnets within a calcareous matrix suggested to NFM geologists that the copper anomalism is related to a skarn system which predates the emplacement of the ironstone (Price & Mouchet, 1998).

6.3 MCCs 791-792 Marsanne

The tenement is topographically flat with no distinct features evident from the ground. Vegetation varies from open spinifex scrub to thick mulga. Access is impeded where thick mulga dominates. The prospect is covered by Quaternary sandy soil obscuring all basement geology. Results from drilling suggest the tenement is comprised of Warramunga siltstones and greywackes with late porphyry intrusives. The porphyry appears to be folded about an axial plane cleavage trending NE to SW and plunging within the same plane. Deeper drilling suggests the possible intrusion of a lamprophyre sill (Price & Mouchet, 1998).

7 PREVIOUS WORK

7.1 MCC 759 Smelter

GeoPeko pegged and explored Smelter in the late 1980s. Work completed included diamond drilling. Three diamond holes (DDH1-DDH3, including DDH3W1) were drilled to 165, 240 and 320m respectively. The best results were returned from DDH2: 9m (from 209.5-218.5m) @ 0.24g/t Au, 3.39% Cu.

Work completed by NFM on Smelter between 1992 and 1994 included: collecting rock chip samples over exposed outcrop, ground magnetics survey, detailed ground gravity survey, drilling of 322 vacuum holes for lithological and geochemical control (STV001-STV322), drilling twelve RAB holes (SMB001-SMB012) and the drilling of one RC drill hole (SMR001).

Work completed by Normandy between 2 August 1996 and 1 August 1997 included a Mobile Metal Ion Geochemistry (MMI) programme and an Electromagnetic Survey (EM). All results are detailed in Ward (1997b).

7.2 MCC 790 Nirvana

The first recorded exploration within the Nirvana prospect was conducted by GeoPeko. A total of six diamond drill holes (DDH1-DDH6) were completed by GeoPeko into the magnetic anomaly between 1972 and 1987 (Forwood, 1992).

Following the acquisition by NFM of the licence a number of other exploration programs were executed further defining the mineralisation. The exploration activities carried out included: ground magnetics survey, detailed ground gravity survey, drilling of 435 vacuum holes for lithological and geochemical control (NIV001-NIV322), drilling fourteen RAB holes (NIB001-NIB014) and drilling of one RC drill hole (NIR001) (Ward, 1997b).

7.3 MCCs 791-792 Marsanne

GeoPeko conducted the first recorded exploration in the Marsanne area between 1977 and 1987. Drilling by GeoPeko included four diamond drill holes (DDH1-DDH3 and PDH4). The best result from the first diamond drilling campaign was in 6m @ 2.73% Cu from 158m (including 3m @ 0.3g/t Au, 4.1% Cu and 0.1% Bi from 159m). The second drill hole DDH2 was drilled to a greater depth than DDH1 to test for a down-plunge extension to the mineralisation. The hole failed to define a continuation of the same lode however two other weakly mineralised pods were intersected. DDH3 failed to intersect any promising structure or lithologies and was subsequently never assayed. A later diamond drill hole, PDH4, drilled to test up-plunge extension of the mineralisation failed to intersect any ironstone. The best results from this hole were 3m @ 0.8g/t Au, 0.145% Cu and trace Bi from 45m in a coarse grained greywacke or porphyry.

Following the acquisition by NFM of the area a number of other exploration programs were executed further defining the mineralisation. The exploration activities carried out included: a ground magnetics survey, a detailed gravity survey, drilling of 408 vacuum holes for lithological and geochemical control (MAV001-MAV446), drilling eight RAB holes (MAB001-MAB014) and drilling of two RC drill hole (MAR001-MAR002).

The exploration executed by NFM had a best result of 1480 ppb Au (MAV288) which was achieved from the vacuum drilling up-plunge of the ironstone. Follow-up RAB drilling beneath the vacuum hole achieved a best result in MAB003 of 3m @ 0.16g/t Au from 48m (Ward, 1997b).

8 WORK CARRIED OUT DURING REPORTING PERIOD

Work completed by Normandy during the period 2 August 1997 to 25 March 1999 on MCCs 759 & 790-792 included a review of all available data, a helimagnetic survey, RC drilling at Smelter, RC drilling at Marsanne and the completion of a report in support of renewal of Nirvana and Marsanne.

8.1 Data Review

Work completed by Normandy between September and December 1997 on MCCs 759, 790-792 consisted of a review of all available data. This work included data entry of missing drillholes in the DATAMINE database, validation and metric conversion of some of the holes, followed by geological interpretation and exploration programme development.

8.2 Helimagnetic Survey

A helimagnetics survey was conducted over MCCs 759, 790-792 as part of a larger survey covering the Warrego-Gecko area in early 1998. The data was gathered using the Normandy proprietary helimagnetics sensor suspended on a steel cable beneath the aircraft. The survey configuration was 50m spaced N-S lines, sampled approximately every seven metres with an average terrain clearance of 30m. The results of the survey are shown in Figures 2 to 4.

8.3 RC Drilling at MCC 759 (Smelter)

A brief field inspection of the Smelter prospect in March 1998 located some minor areas of subcrop but nothing of significance. A seven hole RC programme (SMRC-006 to SMRC-012), for a total of 1108m, was completed at the Smelter-Explorer 93 prospect in July 1998. Difficulties with extreme drill hole deviation were encountered, resulting in two holes being abandoned. Results were encouraging with a magnetite/chlorite alteration system being intersected in SMRC-008. The ironstone body remains untested to the west. Summaries of the drill hole logs are provided below.

SMRC-006: Warramunga Formation sediments were intersected with weak chlorite/hematite alteration. Gold assay results were below detection and base metal results were low, peaking at 361ppm Cu and 27ppm Bi.

SMRC-007: Hole was abandoned at 70m after dropping 4°.

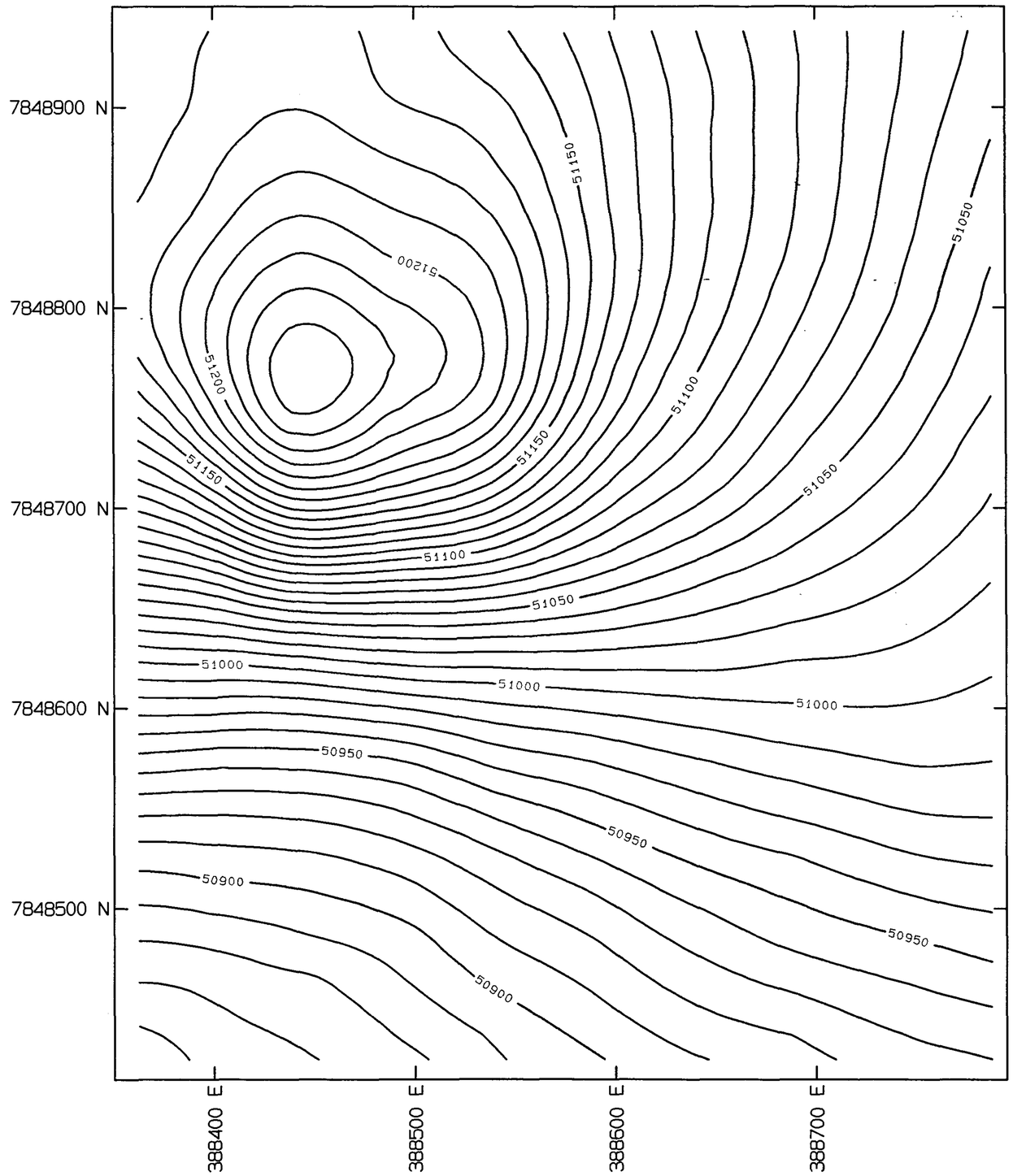
SMRC-008: Hole passed through Warramunga Formation sediments before intersecting a zone of magnetite and chlorite alteration, with associated chalcopyrite and pyrite from 194m to 219m. Assay results included 24m @ 0.80 % Cu, 0.07g/t Au from 206m. Magnetic probing indicated the intersection was towards the base of the ironstone body.

SMRC-009: Hole passed through Warramunga Formation sediments before intersecting a 2m wide zone of hematite and magnetite stringers at 132m. Assay results included 3m @ 0.30 % Cu from 126m.
SMRC-010: Hole passed through Warramunga Formation sediments before intersecting a narrow oxidised zone of sandstone with minor hematite veining at 139m. Assay results were 2m @ 0.89g/t Au, 1.2% Cu from 139m.

SMRC-011: Hole was abandoned at 105m after dropping 8°.

SMRC-012: Hole passed through Warramunga Formation sediments and a thin quartz feldspar porphyry before intersecting a narrow oxidised zone of siltstone with minor hematite veining at 131m. Gold and base metal results were low, peaking at 609ppm Cu and 40ppm Bi. Mag probing indicated the hole just passed over the top of the ironstone body intersected by Peko in DDH3.

Refer to Figure 5 for hole location plan and to Appendix 1 for the complete drilling data.



SCALE 1: 2500

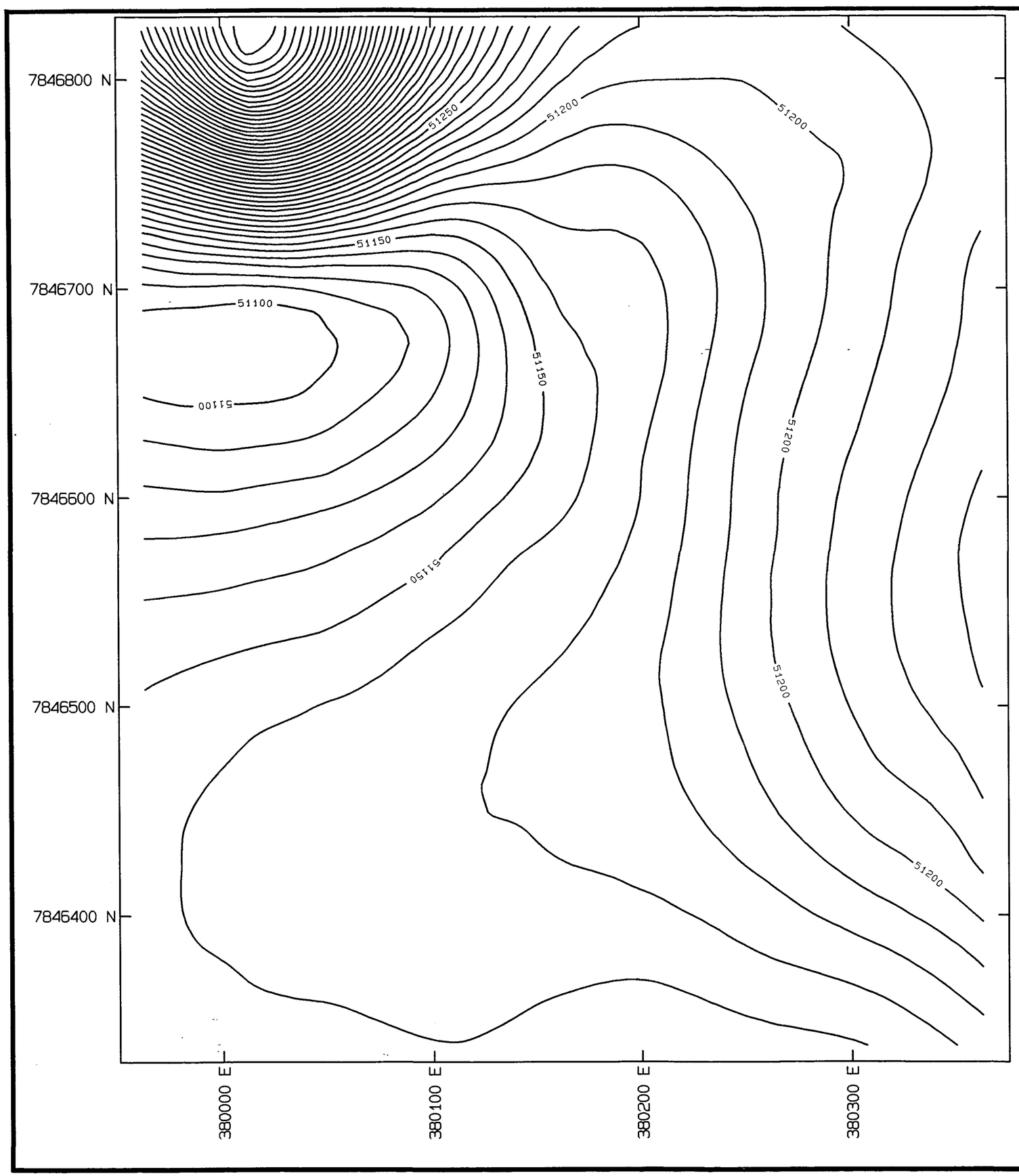
Figure No. 2

NORMANDY TENNANT CREEK PTY LTD

MAGNETIC CONTOUR PLOTS

MCC 759 'SMELTER' TOT. MAGNETIC INTENSITY

HELIMAGNETIC SURVEY 1997 DEC - 1998 JAN
SENSOR HEIGHT 30m LINE SPACING 50m
LINE DIRECTION N-S IN-LINE SPACING 7m
DATA DESPIKED, GRIDDED 12.5m
CONTOUR INTERVAL 10nT DHI 1999MAR16



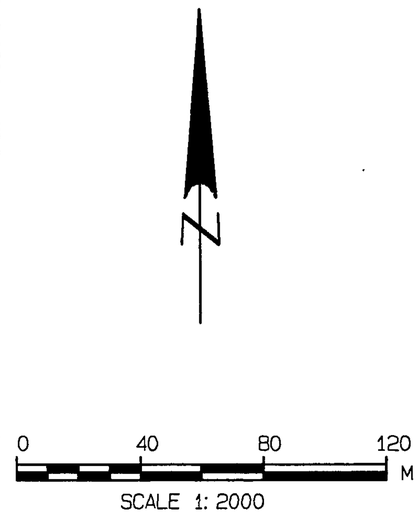


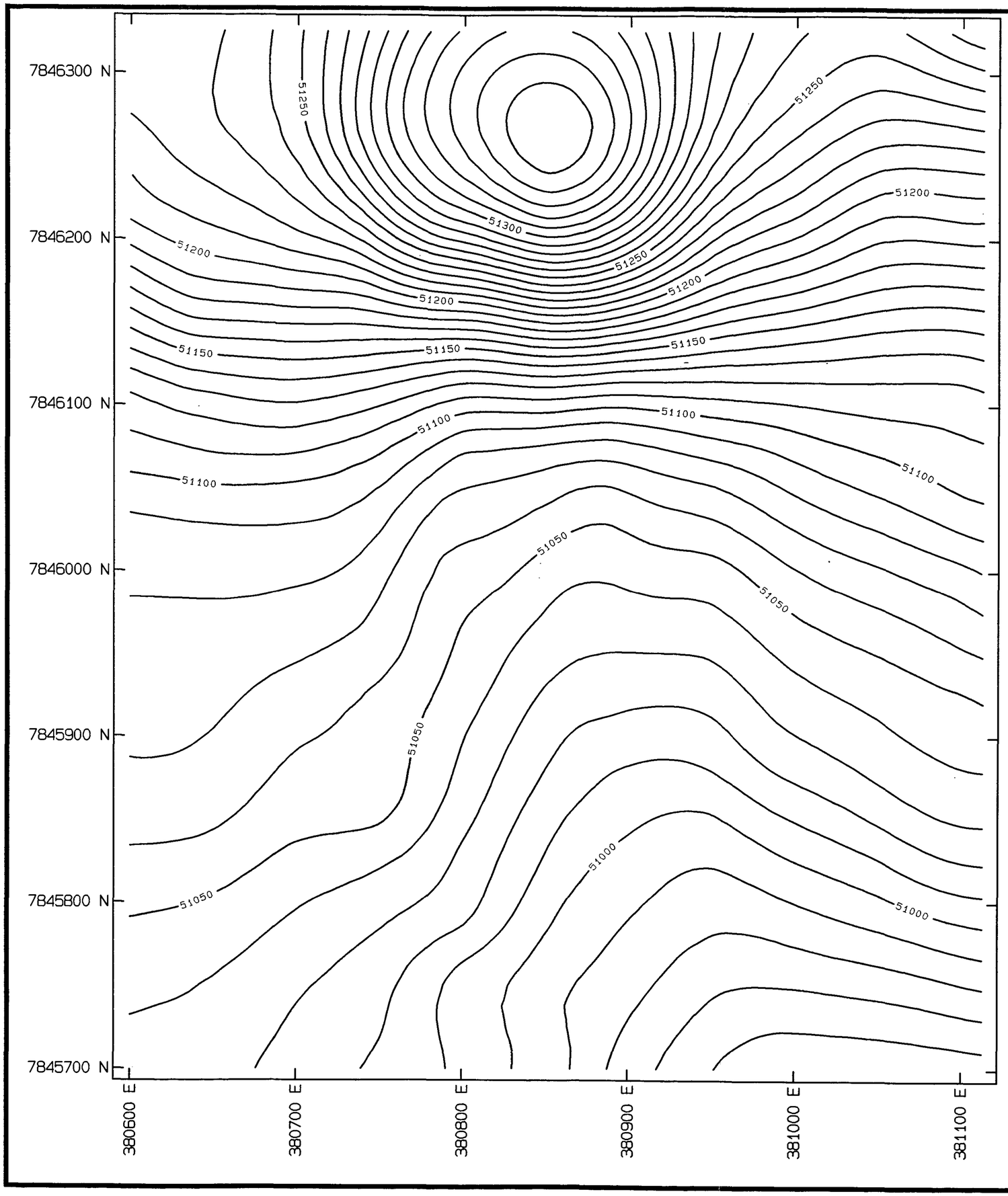
Figure No. 3

NORMANDY TENNANT CREEK PTY LTD

MAGNETIC CONTOUR PLOTS

MCC 790 'NIRVANA' TOT. MAGNETIC INTENSITY

HELIMAGNETIC SURVEY 1997 DEC - 1998 JAN
SENSOR HEIGHT 30m LINE SPACING 50m
LINE DIRECTION N-S IN-LINE SPACING 7m
DATA DESPIKED, GRIDDED 12.5m
CONTOUR INTERVAL 10nT DHI 1999MAR16



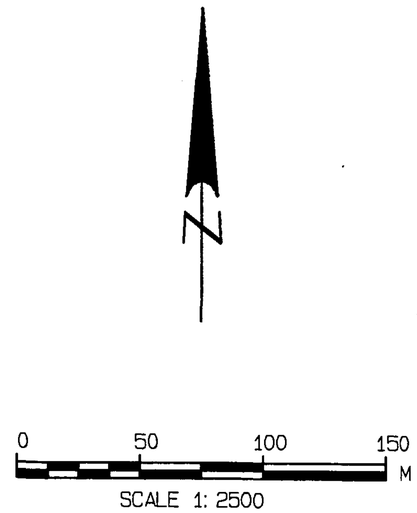


Figure No. 4

NORMANDY TENNANT CREEK PTY LTD

MAGNETIC CONTOUR PLOTS

MCC791, 792 'MARSANNE' TOT MAGNETIC INTENS

HELIMAGNETIC SURVEY 1997 DEC - 1998 JAN
SENSOR HEIGHT 30m LINE SPACING 50m
LINE DIRECTION N-S IN-LINE SPACING 7m
DATA DESPIKED, GRIDDED 12.5m
CONTOUR INTERVAL 10nT DHI 1999MAR16

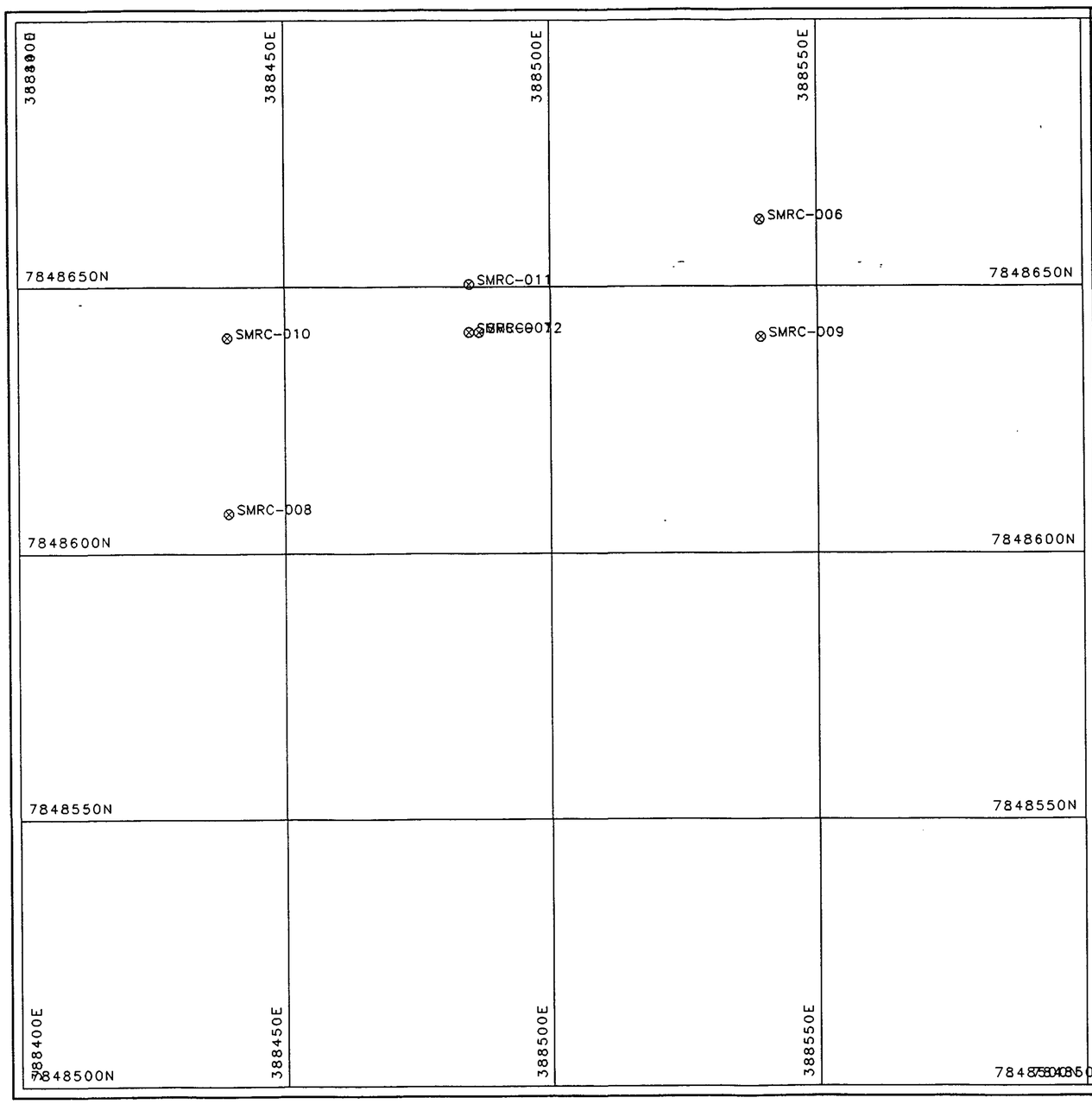


Figure No. 5

NORMANDY TENNANT CREEK PTY LTD

MCC 759

RC DRILLING

HOLE LOCATION PLAN

SCALE	DRAWN	DATE	CHECKED
1:1000	DATAMINE	16 MAR 99	

8.4 RC Drilling at MCCs 791-792 (Marsanne)

A total of three RC holes for 749m were drilled at Marsanne in October 1998 and 277 3m composite samples submitted to ALS. Marsanne consists of two discrete bullseye magnetic anomalies. The main one was diamond drilled by GeoPeko with three holes on one north-south section (380820E). Two steeply dipping ironstones approximately 10m wide and 10m apart were intersected, with a best intersection of 6m @ 0.3g/t Au, 2.7% Cu, 0.1% Bi from 158m in DDH-001. MSRC-001 and MSRC-002 were drilled 40m east and west respectively of this section. The lithologies and downhole magprobing indicate that the ironstones extend to the west and are most likely a series of small ironstones within a 30m wide fault zone. MSRC-003 was drilled into the second smaller bullseye anomaly, with a coincident resistive zone from earlier EM.

The first hole, MSRC-001, did not encounter ironstone and returned maximum 3m composite assays of 0.02g/t Au, 380ppm Cu and 48ppm Bi. The second hole, MSRC-002, returned 9m @ 0.24% Cu from 60-69m in chloritic siltstone with minor malachite, but the maximum 3m composite assays within the target magnetite-chlorite ironstones were only 0.02g/t Au, 618ppm Cu and 342ppm Bi. The third hole, MSRC-003, intersected 9m @ 0.25% Cu from 162-171m in chalcopyrite mineralised siltstone. These assay results and the relatively small size of the magnetic ironstones at Marsanne downgrade this prospect.

Refer to Figure 6 for hole location plan and to Appendix 2 for the complete drilling data.

9 EXPENDITURE STATEMENT FOR THE PERIOD 2/8/97 TO 25/3/99

During the period 2/8/97 to 25/3/99, MCCs 759, 790-792 incurred an exploration expenditure of $122,611. A breakdown of this expenditure follows (Table 2):

Table 2: Exploration Expenditure for MCCs 759, 790-792 from 2/8/97 to 25/3/99

EXPENSE	COST
Employee Costs	$ 39,659
Overheads	$ 420
Drilling	$ 61,722
Assays	$ 7,767
Operating Costs	$ 6,316
Specialist Services	$ 3,925
Tenement Costs	$ 2,772
Research	$ 30
TOTAL	**$ 122,611**

10 RECOMMENDED WORK PROGRAMME & PROPOSED EXPENDITURE FOR THE PERIOD 26/3/99 TO 25/3/00

Work completed over MCC 759 (Smelter), MCC 790 (Nirvana) and MCCs 791-792 (Marsanne) have downgraded the prospectivity of these claims. Exploration over the next year will include re-modelling of magnetic data and minor ground follow-up at Smelter prospect. The proposed exploration expenditure for the group of claims for the period of tenure 26 March 1999 to 25 March 1000 is as follows (Table 3):

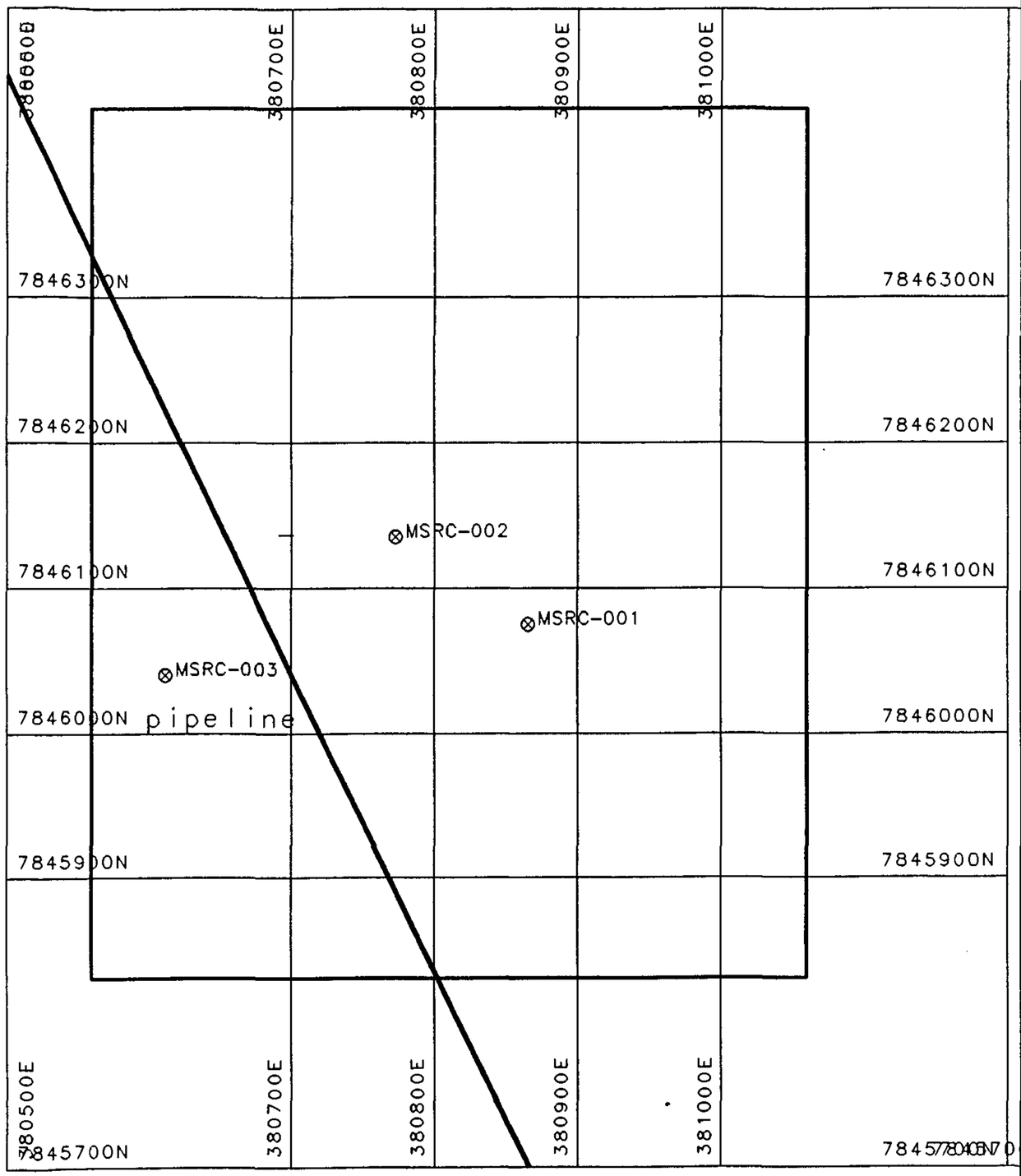


Figure No. 6

NORMANDY TENNANT CREEK PTY LTD

MCC 791-792 MARSANNE

RC DRILLING

HOLE LOCATION PLAN

SCALE	DRAWN	DATE	CHECKED
1:5000	DATAMINE	16 MAR 99	

Table 3: Proposed Exploration Expenditure for MCCs 759, 790-792

EXPENSE	COST
Employee Costs	$ 2,000
Overheads	$ 200
Drilling	$ 0
Assays	$ 500
Operating Costs	$ 500
Specialist Services	$ 300
Tenement Costs	$ 500
Research	$ 50
TOTAL	**$ 4,050**

11 ENVIRONMENTAL/REHABILITATION REPORT

Normandy has commenced an active rehabilitation programme over much of the Tennant Creek field. This commitment has been reinforced within the Normandy Group with the appointment of a Group Environmental Engineer to oversee and implement the Group's guidelines and objectives. In addition to this an Environmental Superintendent has been engaged at Tennant Creek to design and implement the Group's objectives throughout the Tennant Creek area.

As an example of the Group's commitment to environmental issues several active rehabilitation programmes are currently being undertaken in the Tennant Creek field. These include programmes at Nobles Nob, Eldorado, White Devil, Ivanhoe and Warrego.

Environmental Management Plans for the Company's Tennant Creek Operations (Fowler, 1993; Fowler et al., 1998) have been submitted to the Department of Mines and Energy under separate cover. These plans detail the strategies to be implemented over various areas following completion of exploration programmes and mining operations.

During September 1998, the Smelter (MCC 759) RC pads were rehabilitated and all green bags removed. The Marsanne (MCCs 791-792) drill pads were rehabilitated and all green bags removed in November 1998.

12 REFERENCES

Compston, D M (1995): *Time constraints on the evaluation of the Tennant Creek Block, northern Australia*. Precambrian Research 71, 107-29.

Donnellan, N, Hussey, K J & Morrison, R S. (1995): *Flynn (5759) and Tennant Creek (5758) 1:100,000 Geological Map Series*. Dept Mines and Energy, NT Geol Surv.

Forwood, J. A. (1992): *Report on Nirvana MCC 790 for the Period January to June 1994*. North Flinders Mines Ltd/PosGold Tennant Creek Central Joint Venture, North Flinders Exploration.

Fowler, B (1993): *Environmental Management Plan 1993*. PosGold Limited, Report to the NTDME 93181.

Fowler, B; Minns, A & Holmes, R (1998): *Environmental Management Plan 1998*. Normandy Gold Pty Limited, Report.

Price, C & Mouchet, POJ (1998): *Report in Support of Renewal MCCs 790-792 and MLCs 120-123, Nirvana, Marsanne and Cabernet Prospects, Camelot Central JV2, White Devil Reporting Group, Volume 1 of 1*. Normandy Gold Pty Limited Report to the NTDME 98068.

Ward, B (1997a): *Report in Support of Renewal of Mineral Claim Central Number 759, Tennant Creek District, Northern Territory, Smelter, Volume 1 of 1*. Normandy Gold Pty Limited Report to the NTDME 97126.

Ward, B (1997b): *Annual Report MCCs 354-355, 759-762, 790-793 and MLCs 120-123 for the Period 2/8/96 to 1/8/97, Tennant Creek District, Northern Territory, Central Joint Venture Tenure of the Warrego Group, Volume 1 of 1*. Normandy Gold Pty Limited Report to the NTDME 97068.

APPENDIX ONE

RC DRILLING AT MCC 759 SMELTER

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Drill Hole Collar Information

BHID	Easting (AMG)	Northing (AMG)	RL (m)	Total Depth (m)
SMRC-006	388539.3	7848662.5	1347.90	112.00
SMRC-007	388484.6	7848641.5	1347.79	70.00
SMRC-008	388439.3	7848607.5	1347.76	260.00
SMRC-009	388539.3	7848640.5	1347.92	201.00
SMRC-010	388439.2	7848640.5	1347.79	170.00
SMRC-011	388484.8	7848650.5	1347.68	106.00
SMRC-012	388486.5	7848641.5	1347.72	180.00

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Downhole Survey Information

BHID	Survey Depth (m)	Bearing (Degrees)	Dip of Hole (Degrees)
SMRC-006	0.00	360.00	-60.0
SMRC-006	30.00	5.00	-56.0
SMRC-006	64.00	9.00	-50.0
SMRC-006	112.00	10.00	-44.0
SMRC-007	0.00	0.00	-70.0
SMRC-007	30.00	3.00	-71.0
SMRC-007	70.00	6.00	-74.0
SMRC-008	0.00	2.00	-70.0
SMRC-008	50.00	9.00	-66.5
SMRC-008	100.00	14.00	-62.5
SMRC-008	150.00	20.00	-55.0
SMRC-008	200.00	23.00	-48.0
SMRC-008	230.00	27.00	-47.0
SMRC-008	260.00	25.00	-43.0
SMRC-009	0.00	360.00	-70.5
SMRC-009	32.00	8.00	-67.0
SMRC-009	63.00	14.50	-62.0
SMRC-009	90.00	17.50	-56.0
SMRC-009	148.00	17.00	-45.0
SMRC-009	180.00	17.50	-39.0
SMRC-009	201.00	18.00	-38.0
SMRC-010	0.00	360.00	-60.0
SMRC-010	30.00	3.00	-57.0
SMRC-010	60.00	5.00	-54.0
SMRC-010	87.00	9.00	-53.0
SMRC-010	112.00	11.00	-52.0
SMRC-010	140.00	14.00	-51.0
SMRC-010	180.00	18.00	-52.0
SMRC-011	0.00	0.00	-70.0
SMRC-011	21.00	2.00	-69.0
SMRC-011	39.00	4.00	-69.0
SMRC-011	69.00	7.00	-71.0
SMRC-011	105.00	10.00	-78.0
SMRC-012	0.00	3.00	-65.0
SMRC-012	24.00	5.00	-63.0
SMRC-012	51.00	10.00	-59.0
SMRC-012	71.00	13.00	-55.0
SMRC-012	104.00	16.00	-49.0
SMRC-012	140.00	17.00	-44.0
SMRC-012	180.00	20.00	-41.5

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Downhole Lithology

BHID	FROM (m)	TO (m)	LITHOLOGY CODE
SMRC-006	0.00	5.00	CO
SMRC-006	5.00	10.00	SLtrqv
SMRC-006	10.00	14.00	SLGW/h
SMRC-006	14.00	16.00	GW/h
SMRC-006	16.00	30.00	SLGW/h
SMRC-006	30.00	32.00	GW/hqv
SMRC-006	32.00	42.00	GW/h
SMRC-006	42.00	50.00	SLGW/h
SMRC-006	50.00	58.00	GW/htrmn
SMRC-006	58.00	64.00	SLGW/h
SMRC-006	64.00	69.00	SLGWtrmn
SMRC-006	69.00	79.00	SLGW/h
SMRC-006	79.00	85.00	SL/htrmn
SMRC-006	85.00	90.00	SLGW
SMRC-006	90.00	104.00	SL/htrmn
SMRC-006	104.00	112.00	SL/GW
SMRC-007	0.00	2.00	CO
SMRC-007	2.00	10.00	SLGW
SMRC-007	10.00	15.00	GW
SMRC-007	15.00	18.00	QFP
SMRC-007	18.00	20.00	SL/qv
SMRC-007	20.00	35.00	SL/h
SMRC-007	35.00	38.00	SL
SMRC-007	38.00	58.00	SLGW
SMRC-007	58.00	62.00	SLGW/h
SMRC-007	62.00	70.00	SLGWtrqv
SMRC-008	0.00	1.00	CO
SMRC-008	1.00	3.00	SL/SIL
SMRC-008	3.00	11.00	GW/SL
SMRC-008	11.00	13.00	SLtrmn
SMRC-008	13.00	30.00	SLGW/h
SMRC-008	30.00	34.00	GWtrmn
SMRC-008	34.00	51.00	SL/GW/h
SMRC-008	51.00	56.00	SL/Si
SMRC-008	56.00	64.00	GW/SL/h
SMRC-008	64.00	70.00	GWtrqv
SMRC-008	70.00	76.00	GW/SL/h
SMRC-008	76.00	84.00	SST/h
SMRC-008	84.00	86.00	SL/h
SMRC-008	86.00	124.00	SL/ch
SMRC-008	124.00	130.00	SLBOCO
SMRC-008	130.00	138.00	SLtrc
SMRC-008	138.00	140.00	SL/GW
SMRC-008	140.00	141.00	SLGWtrqv
SMRC-008	141.00	165.00	SLGW
SMRC-008	165.00	172.00	GW
SMRC-008	172.00	190.00	SLGWtrc
SMRC-008	190.00	194.00	SL/ctrm*
SMRC-008	194.00	196.00	ASMtrqvh
SMRC-008	196.00	197.00	M/h

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Downhole Lithology

BHID	FROM (m)	TO (m)	LITHOLOGY CODE
SMRC-008	197.00	199.00	SLC
SMRC-008	199.00	201.00	ASM/cp
SMRC-008	201.00	206.00	SLC/m*
SMRC-008	206.00	208.00	M/ccp
SMRC-008	208.00	211.00	M
SMRC-008	211.00	218.00	AS/m*
SMRC-008	218.00	219.00	ASM/cp
SMRC-008	219.00	225.00	SL/ctrpy
SMRC-008	225.00	230.00	SL/ctrcp
SMRC-008	230.00	250.00	SLGWtrc
SMRC-008	250.00	255.00	SLtrcmcp
SMRC-008	255.00	260.00	SL
SMRC-009	0.00	2.00	CO
SMRC-009	2.00	6.00	SL/bSi
SMRC-009	6.00	14.00	SLGW/h
SMRC-009	14.00	15.00	GW/hqv
SMRC-009	15.00	17.00	SLGW/h
SMRC-009	17.00	18.00	SLCLY/hq
SMRC-009	18.00	40.00	SLGW/h
SMRC-009	40.00	43.00	SLGW
SMRC-009	43.00	51.00	SLGW/h
SMRC-009	51.00	53.00	GW
SMRC-009	53.00	57.00	GWSL/hmn
SMRC-009	57.00	88.00	SL/h
SMRC-009	88.00	100.00	SLGW/h
SMRC-009	100.00	108.00	SL/h
SMRC-009	108.00	119.00	SLtrc
SMRC-009	119.00	125.00	GWSLtrmn
SMRC-009	125.00	128.00	SLtrma
SMRC-009	128.00	132.00	SLtrc
SMRC-009	132.00	134.00	SL/HM
SMRC-009	134.00	144.00	SLdsm
SMRC-009	144.00	161.00	GWtrpy
SMRC-009	161.00	178.00	SLGWtrpy
SMRC-009	178.00	182.00	SLtrmq
SMRC-009	182.00	190.00	SLGW
SMRC-009	190.00	201.00	SLdsm
SMRC-010	0.00	2.00	CO
SMRC-010	2.00	17.00	SLGW
SMRC-010	17.00	37.00	SLGW/h
SMRC-010	37.00	41.00	GW/h
SMRC-010	41.00	44.00	SLGW/h
SMRC-010	44.00	46.00	SL/qv
SMRC-010	46.00	62.00	SLGW/h
SMRC-010	62.00	64.00	SLGWtrmn
SMRC-010	64.00	85.00	SLGW/h
SMRC-010	85.00	89.00	SLGWtrqv
SMRC-010	89.00	92.00	SLGW/h
SMRC-010	92.00	94.00	SLGW
SMRC-010	94.00	104.00	SL/hBOCO

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Downhole Lithology

BHID	FROM (m)	TO (m)	LITHOLOGY CODE
SMRC-010	104.00	118.00	SL
SMRC-010	118.00	119.00	SLtrma
SMRC-010	119.00	129.00	SL
SMRC-010	129.00	132.00	SL/c
SMRC-010	132.00	135.00	SL/qvFZ
SMRC-010	135.00	139.00	GW/cqv
SMRC-010	139.00	141.00	GWox/qvh
SMRC-010	141.00	144.00	GW/cdsm
SMRC-010	144.00	147.00	SLGWox
SMRC-010	147.00	170.00	SLGWtrc
SMRC-011	0.00	3.00	CO
SMRC-011	3.00	6.00	GW
SMRC-011	6.00	9.00	QFP/h
SMRC-011	9.00	16.00	GW/htrmn
SMRC-011	16.00	25.00	SLGW/h
SMRC-011	25.00	28.00	QFP/cly
SMRC-011	28.00	38.00	SL/h
SMRC-011	38.00	42.00	GW/h
SMRC-011	42.00	49.00	SL/h
SMRC-011	49.00	50.00	GW/htrqv
SMRC-011	50.00	53.00	SL/h
SMRC-011	53.00	65.00	SLGW/h
SMRC-011	65.00	84.00	Sl/h
SMRC-011	84.00	94.00	SL/h
SMRC-011	94.00	106.00	SLtrc
SMRC-012	0.00	2.00	CO
SMRC-012	2.00	12.00	SL/GW
SMRC-012	12.00	15.00	QFP
SMRC-012	15.00	18.00	SL
SMRC-012	18.00	28.00	SLGW/h
SMRC-012	28.00	38.00	SLGW
SMRC-012	38.00	40.00	SLtrqv
SMRC-012	40.00	46.00	GW
SMRC-012	46.00	90.00	SLGW/h
SMRC-012	90.00	92.00	SLGWtrqv
SMRC-012	92.00	98.00	SL/htrmn
SMRC-012	98.00	100.00	SL
SMRC-012	100.00	106.00	SL/h
SMRC-012	106.00	112.00	SLGW/h
SMRC-012	112.00	127.00	SLGW
SMRC-012	127.00	131.00	SLGW/h
SMRC-012	131.00	133.00	SL/H*qma
SMRC-012	133.00	145.00	SLGW/h
SMRC-012	145.00	154.00	SLGWtrc
SMRC-012	154.00	162.00	GW
SMRC-012	162.00	171.00	GWtrc
SMRC-012	171.00	176.00	SLtrc
SMRC-012	176.00	180.00	GW

LITHOLOGICAL LEGEND FOR TENNANT CREEK

ROCK TYPE / MINERALOGY / STRUCTURE, ALTERATION AND TEXTURE

ROCK TYPE

AGL	- ARGILLITE
AMP	- AMPHIBOLITE
AS	- ALTERED SEDIMENTS
BIF	- BANDED IRON FORMATION
CA	- CALCRETE
CG	- CONGLOMERATE
CHT	- CHERT
CL	- CLAY
CO	- COLLUVIUM
CRB	- CARBONATES
D	- DOLOMITE ROCK
DOL	- DOLERITE
EX	- EXCARBONATE
FER	- FERRICRETE
GR	- GRANITE
GW	- GREYWACKE
H	- HAEMATITE ROCK
DAC	**-DACITE**
HSH	- HAEMATITE SHALE
HSL	- HAEMATITE SILTSTONE
LAMP	- LAMPROPHYRE
M	- MAGNETITE ROCK
PEG	- PEGMATITE
QFP	- QUARTZ-FELDSPAR PORPHYRY
QP	- QUARTZ PORPHYRY
QZT	- QUARTZITE
SBX	- SEDIMENTARY BRECCIA
SC	- SILICIC CAPROCK
SERP	- SERPENTINITE
SH	- SHALE
SIL	- SILCRETE
SL	- SILTSTONE
SS	- SANDSTONE
ST	- SCHIST
TF	- TUFF
NOCORE	- NO CORE
RS	**-RED SAND**

MINERALOGY

a	- amphibole
act	- actinolite
Au	- gold
bi	- bismuthinite
bn	- bornite
bt	- biotite
c	- chlorite
Carb	- carbonate (undifferentiated)
cc,ct	- chalcocite
cp	- chalcopyrite
Ct	- cuprite
Cu	- native copper
cv	- covellite
d,dl	- dolomite
ep	- epidote
gn,gl	- galena
h	- haematite
j	- jasper
k	- kaolin
li	- limonite
m	- magnetite
ml	- malachite
mv	- muscovite
po	- pyrrhotite
py	- pyrite
Q,q	- quartz
s	- sericite
sl	- sphalerite
sp	- specularite
T,t	- talc
tm	- tourmaline
tr	- tremolite

STRUCTURE, ALTERATION AND TEXTURE

B,bl	- bleaching
b	- blebs
Bd	- bedding
BOCO	- base of complete oxidation
Bx	- breccia
cl	- clay
Ds,ds	- disseminated
F	- fault
Fol	- foliated
Fz	- fracture zone
Lm	- laminated
Si	- silicification
Sz	- shear zone
V	- vein (prefix mineral eg qV)
\	- interbedded
*,)	- stringer mineral
>	- denotes dominant lithology
-	- grading (eg GW-SL)

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-006	180429.	0.00	3.00	TR	53.43	TR	TR
SMRC-006	180432.	3.00	6.00	TR	59.72	TR	1.08
SMRC-006	180435.	6.00	9.00	TR	102.45	TR	TR
SMRC-006	180438.	9.00	12.00	TR	93.65	TR	TR
SMRC-006	180441.	12.00	15.00	TR	29.06	TR	TR
SMRC-006	180444.	15.00	18.00	TR	31.66	TR	1.92
SMRC-006	180447.	18.00	21.00	TR	69.85	TR	TR
SMRC-006	180450.	21.00	24.00	TR	27.07	TR	TR
SMRC-006	180453.	24.00	27.00	TR	39.80	TR	2.00
SMRC-006	180456.	27.00	30.00	TR	77.95	7.07	TR
SMRC-006	180459.	30.00	33.00	TR	90.46	5.32	3.70
SMRC-006	180462.	33.00	36.00	TR	109.77	3.64	TR
SMRC-006	180465.	36.00	39.00	TR	68.19	8.08	1.59
SMRC-006	180468.	39.00	42.00	TR	103.22	5.68	1.49
SMRC-006	180471.	42.00	45.00	TR	72.06	TR	TR
SMRC-006	180474.	45.00	48.00	TR	65.50	3.97	TR
SMRC-006	180477.	48.00	51.00	TR	101.80	2.07	TR
SMRC-006	180480.	51.00	54.00	TR	115.68	3.79	TR
SMRC-006	180483.	54.00	57.00	TR	120.92	TR	TR
SMRC-006	180486.	57.00	60.00	TR	128.09	TR	6.83
SMRC-006	180489.	60.00	63.00	TR	113.94	TR	TR
SMRC-006	180492.	63.00	66.00	TR	177.08	TR	5.07
SMRC-006	180495.	66.00	69.00	TR	244.95	4.88	TR
SMRC-006	180498.	69.00	72.00	TR	155.97	6.49	2.48
SMRC-006	180501.	72.00	75.00	TR	202.80	4.96	TR
SMRC-006	180504.	75.00	78.00	TR	259.52	26.91	TR
SMRC-006	180507.	78.00	81.00	TR	181.82	TR	TR
SMRC-006	180510.	81.00	84.00	TR	298.15	TR	4.16
SMRC-006	180513.	84.00	87.00	TR	214.80	TR	TR
SMRC-006	180516.	87.00	90.00	TR	186.54	TR	TR
SMRC-006	180519.	90.00	93.00	TR	361.23	TR	3.55
SMRC-006	180522.	93.00	96.00	TR	350.14	TR	5.57
SMRC-006	180525.	96.00	99.00	TR	265.57	TR	TR
SMRC-006	180528.	99.00	102.00	TR	254.12	16.30	TR
SMRC-006	180531.	102.00	105.00	TR	199.00	3.22	TR
SMRC-006	180534.	105.00	108.00	TR	320.60	9.99	TR
SMRC-006	180537.	108.00	111.00	TR	357.47	TR	3.12
SMRC-006	180538.	111.00	112.00	TR	359.53	10.76	TR
SMRC-008	181273.	0.00	3.00	TR	6.63	TR	TR
SMRC-008	181276.	3.00	6.00	TR	2.46	TR	TR
SMRC-008	181279.	6.00	9.00	TR	5.23	TR	1.43
SMRC-008	181282.	9.00	12.00	TR	41.94	TR	TR
SMRC-008	181285.	12.00	15.00	TR	52.03	11.55	TR
SMRC-008	181288.	15.00	18.00	TR	29.86	2.91	TR
SMRC-008	181291.	18.00	21.00	TR	13.99	4.10	TR
SMRC-008	181294.	21.00	24.00	TR	13.76	TR	TR
SMRC-008	181297.	24.00	27.00	TR	13.00	10.00	TR
SMRC-008	181300.	27.00	30.00	TR	24.90	TR	TR
SMRC-008	181703.	30.00	33.00	TR	35.59	TR	TR

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-008	181706.	33.00	36.00	TR	36.11	6.25	TR
SMRC-008	181709.	36.00	39.00	TR	24.17	5.90	TR
SMRC-008	181712.	39.00	42.00	TR	64.11	TR	TR
SMRC-008	181715.	42.00	45.00	TR	37.81	TR	TR
SMRC-008	181718.	45.00	48.00	TR	55.34	3.19	TR
SMRC-008	181721.	48.00	51.00	TR	63.88	TR	TR
SMRC-008	181724.	51.00	54.00	TR	216.71	4.00	TR
SMRC-008	181727.	54.00	57.00	TR	167.05	TR	TR
SMRC-008	181730.	57.00	60.00	TR	151.78	5.31	TR
SMRC-008	181733.	60.00	63.00	TR	138.85	TR	TR
SMRC-008	181736.	63.00	66.00	TR	245.19	TR	TR
SMRC-008	181739.	66.00	69.00	TR	128.65	12.72	TR
SMRC-008	181742.	69.00	72.00	TR	106.95	TR	TR
SMRC-008	181745.	72.00	75.00	TR	52.61	TR	TR
SMRC-008	181748.	75.00	78.00	TR	94.76	TR	TR
SMRC-008	181751.	78.00	81.00	TR	37.93	TR	TR
SMRC-008	181754.	81.00	84.00	TR	107.68	6.00	TR
SMRC-008	181757.	84.00	87.00	TR	105.63	2.42	TR
SMRC-008	181760.	87.00	90.00	TR	191.63	TR	TR
SMRC-008	181763.	90.00	93.00	TR	207.76	TR	TR
SMRC-008	181766.	93.00	96.00	TR	147.96	TR	TR
SMRC-008	181769.	96.00	99.00	TR	205.42	28.80	TR
SMRC-008	181772.	99.00	102.00	TR	195.90	3.79	TR
SMRC-008	181775.	102.00	105.00	TR	128.30	4.53	TR
SMRC-008	181778.	105.00	108.00	TR	237.37	15.69	TR
SMRC-008	181781.	108.00	111.00	TR	175.25	5.42	TR
SMRC-008	181784.	111.00	114.00	TR	142.70	TR	TR
SMRC-008	181787.	114.00	117.00	TR	141.89	9.79	TR
SMRC-008	181790.	117.00	120.00	TR	125.01	2.64	TR
SMRC-008	181793.	120.00	123.00	TR	242.44	TR	TR
SMRC-008	181796.	123.00	126.00	TR	185.98	6.64	TR
SMRC-008	181799.	126.00	129.00	TR	246.53	TR	TR
SMRC-008	181802.	129.00	132.00	TR	162.27	6.71	TR
SMRC-008	181805.	132.00	135.00	TR	181.21	TR	TR
SMRC-008	181808.	135.00	138.00	TR	190.68	14.11	TR
SMRC-008	181811.	138.00	141.00	TR	158.14	TR	TR
SMRC-008	181814.	141.00	144.00	TR	128.79	TR	TR
SMRC-008	181817.	144.00	147.00	TR	123.87	2.27	TR
SMRC-008	181820.	147.00	150.00	TR	11.45	2.77	TR
SMRC-008	181823.	150.00	153.00	TR	31.76	7.35	TR
SMRC-008	181826.	153.00	156.00	TR	72.00	4.00	TR
SMRC-008	181829.	156.00	159.00	TR	107.73	31.98	TR
SMRC-008	181832.	159.00	162.00	TR	84.10	26.85	TR
SMRC-008	181835.	162.00	165.00	TR	26.93	4.29	TR
SMRC-008	181838.	165.00	168.00	TR	74.36	4.94	TR
SMRC-008	181841.	168.00	171.00	TR	41.88	11.21	TR
SMRC-008	181844.	171.00	174.00	TR	2.39	15.13	TR
SMRC-008	181847.	174.00	177.00	TR	TR	7.59	TR
SMRC-008	181850.	177.00	180.00	TR	TR	24.81	TR

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-008	181853.	180.00	183.00	TR	8.85	TR	TR
SMRC-008	181856.	183.00	186.00	TR	42.19	53.00	TR
SMRC-008	181859.	186.00	189.00	TR	9.37	7.69	TR
SMRC-008	181862.	189.00	192.00	TR	TR	19.96	TR
SMRC-008	181865.	192.00	195.00	TR	2908.51	TR	TR
SMRC-008	181868.	195.00	198.00	TR	280.91	TR	TR
SMRC-008	181869.	198.00	199.00	TR	230.00	TR	-
SMRC-008	181870.	199.00	200.00	TR	12200.00	1000.00	-
SMRC-008	181871.	200.00	201.00	TR	15800.00	130.00	-
SMRC-008	181872.	201.00	202.00	TR	9000.00	250.00	-
SMRC-008	181873.	202.00	203.00	TR	1300.00	TR	-
SMRC-008	181874.	203.00	204.00	TR	700.00	10.00	-
SMRC-008	181875.	204.00	205.00	TR	600.00	10.00	-
SMRC-008	181876.	205.00	206.00	TR	4200.00	15.00	-
SMRC-008	181877.	206.00	207.00	TR	14700.00	100.00	-
SMRC-008	181878.	207.00	208.00	TR	15100.00	250.00	-
SMRC-008	181879.	208.00	209.00	TR	4450.00	65.00	-
SMRC-008	181880.	209.00	210.00	TR	2150.00	15.00	-
SMRC-008	181881.	210.00	211.00	TR	2500.00	15.00	-
SMRC-008	181882.	211.00	212.00	TR	3450.00	170.00	-
SMRC-008	181883.	212.00	213.00	TR	4300.00	55.00	-
SMRC-008	181884.	213.00	214.00	TR	1650.00	35.00	-
SMRC-008	181885.	214.00	215.00	TR	5200.00	10.00	-
SMRC-008	181886.	215.00	216.00	TR	7100.00	30.00	-
SMRC-008	181887.	216.00	217.00	TR	1050.00	15.00	-
SMRC-008	181888.	217.00	218.00	TR	3400.00	50.00	-
SMRC-008	181889.	218.00	219.00	TR	33200.00	1850.00	-
SMRC-008	181890.	219.00	220.00	TR	45500.00	250.00	-
SMRC-008	181891.	220.00	221.00	TR	2000.00	35.00	-
SMRC-008	181892.	221.00	222.00	TR	1800.00	25.00	-
SMRC-008	181893.	222.00	223.00	TR	1750.00	10.00	-
SMRC-008	181894.	223.00	224.00	TR	2050.00	TR	-
SMRC-008	181895.	224.00	225.00	TR	600.00	10.00	-
SMRC-008	181896.	225.00	226.00	TR	800.00	10.00	-
SMRC-008	181897.	226.00	227.00	TR	11400.00	TR	-
SMRC-008	181898.	227.00	228.00	TR	10100.00	15.00	-
SMRC-008	181899.	228.00	229.00	TR	4350.00	15.00	-
SMRC-008	181900.	229.00	230.00	TR	12800.00	TR	-
SMRC-008	181901.	230.00	231.00	TR	800.00	10.00	-
SMRC-008	181904.	231.00	234.00	TR	106.93	3.26	3.83
SMRC-008	181907.	234.00	237.00	TR	99.72	9.60	23.83
SMRC-008	181910.	237.00	240.00	TR	50.22	20.41	TR
SMRC-008	181913.	240.00	243.00	TR	38.57	45.37	TR
SMRC-008	181916.	243.00	246.00	TR	26.86	21.94	TR
SMRC-008	181919.	246.00	249.00	TR	34.14	8.58	TR
SMRC-008	181922.	249.00	252.00	TR	173.14	16.46	TR
SMRC-008	181925.	252.00	255.00	TR	889.25	23.42	TR
SMRC-008	181928.	255.00	258.00	TR	344.84	18.25	TR
SMRC-008	181930.	258.00	260.00	TR	43.00	7.00	TR

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-009	180541.	0.00	3.00	TR	69.67	TR	TR
SMRC-009	180544.	3.00	6.00	TR	63.27	2.61	TR
SMRC-009	180547.	6.00	9.00	TR	89.11	TR	2.43
SMRC-009	180550.	9.00	12.00	TR	71.84	5.18	TR
SMRC-009	180553.	12.00	15.00	TR	116.11	TR	TR
SMRC-009	180556.	15.00	18.00	TR	136.07	2.94	TR
SMRC-009	180559.	18.00	21.00	TR	109.17	TR	TR
SMRC-009	180562.	21.00	24.00	TR	46.47	TR	TR
SMRC-009	180565.	24.00	27.00	TR	44.48	3.00	TR
SMRC-009	180568.	27.00	30.00	TR	73.26	TR	TR
SMRC-009	180571.	30.00	33.00	TR	98.00	TR	TR
SMRC-009	180574.	33.00	36.00	TR	101.93	TR	TR
SMRC-009	180577.	36.00	39.00	TR	98.86	3.95	TR
SMRC-009	180580.	39.00	42.00	TR	88.98	TR	TR
SMRC-009	180583.	42.00	45.00	TR	156.99	2.32	TR
SMRC-009	180584.	45.00	48.00	TR	91.00	TR	TR
SMRC-009	180589.	48.00	51.00	TR	60.53	5.79	TR
SMRC-009	180592.	51.00	54.00	TR	70.53	TR	TR
SMRC-009	180595.	54.00	57.00	TR	81.24	2.00	TR
SMRC-009	180598.	57.00	60.00	TR	125.52	TR	TR
SMRC-009	180601.	60.00	63.00	TR	75.41	TR	TR
SMRC-009	180604.	63.00	66.00	TR	68.55	TR	TR
SMRC-009	180607.	66.00	69.00	TR	91.91	3.33	TR
SMRC-009	180610.	69.00	72.00	TR	119.81	2.84	TR
SMRC-009	180613.	72.00	75.00	TR	145.17	2.32	TR
SMRC-009	180616.	75.00	78.00	TR	114.70	7.16	TR
SMRC-009	180619.	78.00	81.00	TR	91.56	TR	TR
SMRC-009	180622.	81.00	84.00	TR	82.17	TR	TR
SMRC-009	180625.	84.00	87.00	TR	116.65	2.00	TR
SMRC-009	180628.	87.00	90.00	TR	153.28	4.83	1.64
SMRC-009	180631.	90.00	93.00	TR	165.88	12.39	1.20
SMRC-009	180634.	93.00	96.00	TR	149.85	TR	TR
SMRC-009	180637.	96.00	99.00	TR	219.72	TR	1.99
SMRC-009	180640.	99.00	102.00	TR	208.03	10.94	TR
SMRC-009	180643.	102.00	105.00	TR	222.03	TR	2.42
SMRC-009	180646.	105.00	108.00	TR	251.64	9.72	TR
SMRC-009	180649.	108.00	111.00	TR	237.78	31.90	TR
SMRC-009	180652.	111.00	114.00	TR	312.74	16.82	1.02
SMRC-009	180655.	114.00	117.00	TR	242.31	16.71	TR
SMRC-009	180658.	117.00	120.00	TR	491.13	3.37	TR
SMRC-009	180661.	120.00	123.00	TR	757.27	4.75	2.14
SMRC-009	180664.	123.00	126.00	TR	802.13	TR	2.41
SMRC-009	180667.	126.00	129.00	TR	3044.32	6.66	2.31
SMRC-009	180670.	129.00	132.00	TR	315.00	TR	TR
SMRC-009	180673.	132.00	135.00	TR	347.35	TR	TR
SMRC-009	180676.	135.00	138.00	TR	231.46	TR	TR
SMRC-009	180679.	138.00	141.00	TR	150.64	TR	1.32
SMRC-009	180682.	141.00	144.00	TR	540.17	TR	3.54
SMRC-009	180685.	144.00	147.00	TR	408.54	5.54	TR

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-009	180688.	147.00	150.00	TR	276.99	5.51	TR
SMRC-009	180691.	150.00	153.00	TR	48.41	13.58	1.27
SMRC-009	180694.	153.00	156.00	TR	64.96	5.53	TR
SMRC-009	180697.	156.00	159.00	TR	43.00	6.00	TR
SMRC-009	180700.	159.00	162.00	TR	39.21	12.51	TR
SMRC-009	180703.	162.00	165.00	TR	253.46	2.56	TR
SMRC-009	180706.	165.00	168.00	TR	225.72	12.21	3.36
SMRC-009	180709.	168.00	171.00	TR	92.10	25.48	TR
SMRC-009	180712.	171.00	174.00	TR	860.51	35.38	TR
SMRC-009	180715.	174.00	177.00	TR	855.48	34.15	TR
SMRC-009	180718.	177.00	180.00	TR	1341.61	35.59	TR
SMRC-009	180721.	180.00	183.00	TR	809.65	28.54	4.32
SMRC-009	180724.	183.00	186.00	TR	212.52	38.75	TR
SMRC-009	180727.	186.00	189.00	TR	46.94	8.00	TR
SMRC-009	180730.	189.00	192.00	TR	39.99	10.00	1.00
SMRC-009	180733.	192.00	195.00	TR	27.55	20.83	TR
SMRC-009	180736.	195.00	198.00	TR	21.20	13.58	TR
SMRC-009	180739.	198.00	201.00	TR	6.01	21.95	TR
SMRC-010	180922.	0.00	3.00	TR	31.35	TR	TR
SMRC-010	180925.	3.00	6.00	TR	34.20	2.82	TR
SMRC-010	180928.	6.00	9.00	TR	23.50	TR	TR
SMRC-010	180931.	9.00	12.00	TR	19.39	TR	TR
SMRC-010	180934.	12.00	15.00	TR	43.14	TR	TR
SMRC-010	180937.	15.00	18.00	TR	76.30	6.46	TR
SMRC-010	180940.	18.00	21.00	TR	64.49	14.44	1.49
SMRC-010	180943.	21.00	24.00	TR	93.34	13.54	TR
SMRC-010	180946.	24.00	27.00	TR	142.98	12.00	TR
SMRC-010	180949.	27.00	30.00	TR	112.74	3.14	TR
SMRC-010	180952.	30.00	33.00	TR	119.60	TR	2.07
SMRC-010	180955.	33.00	36.00	TR	94.52	3.53	TR
SMRC-010	180958.	36.00	39.00	TR	94.82	TR	2.80
SMRC-010	180961.	39.00	42.00	TR	51.30	8.69	TR
SMRC-010	180964.	42.00	45.00	TR	108.19	TR	2.32
SMRC-010	180967.	45.00	48.00	TR	132.49	21.73	3.92
SMRC-010	180970.	48.00	51.00	TR	133.02	15.54	TR
SMRC-010	180973.	51.00	54.00	TR	297.89	16.70	3.69
SMRC-010	180976.	54.00	57.00	TR	249.78	TR	4.00
SMRC-010	180979.	57.00	60.00	TR	180.36	2.48	TR
SMRC-010	180982.	60.00	63.00	TR	424.68	22.76	3.36
SMRC-010	180985.	63.00	66.00	TR	375.00	TR	1.44
SMRC-010	180988.	66.00	69.00	TR	257.42	4.76	TR
SMRC-010	180991.	69.00	72.00	TR	320.40	TR	2.29
SMRC-010	180994.	72.00	75.00	TR	148.81	18.63	TR
SMRC-010	180997.	75.00	78.00	TR	293.12	TR	TR
SMRC-010	181000.	78.00	81.00	TR	152.35	TR	TR
SMRC-010	181003.	81.00	84.00	TR	102.85	TR	1.56
SMRC-010	181006.	84.00	87.00	TR	122.00	2.00	TR
SMRC-010	181009.	87.00	90.00	TR	111.83	TR	TR
SMRC-010	181012.	90.00	93.00	TR	178.37	TR	1.55

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-010	181015.	93.00	96.00	TR	403.35	8.04	TR
SMRC-010	181018.	96.00	99.00	TR	336.92	TR	TR
SMRC-010	181021.	99.00	102.00	TR	379.63	14.05	3.20
SMRC-010	181024.	102.00	105.00	TR	157.57	14.28	3.25
SMRC-010	181027.	105.00	108.00	TR	177.40	21.86	TR
SMRC-010	181030.	108.00	111.00	TR	321.93	TR	TR
SMRC-010	181033.	111.00	114.00	TR	262.67	TR	2.13
SMRC-010	181036.	114.00	117.00	TR	246.98	18.42	TR
SMRC-010	181039.	117.00	120.00	TR	524.51	TR	TR
SMRC-010	181042.	120.00	123.00	TR	289.84	5.01	TR
SMRC-010	181045.	123.00	126.00	TR	312.08	5.95	TR
SMRC-010	181048.	126.00	129.00	TR	403.09	2.11	TR
SMRC-010	181051.	129.00	132.00	TR	326.05	9.32	TR
SMRC-010	181054.	132.00	135.00	TR	2563.82	173.81	4.49
SMRC-010	181055.	135.00	136.00	TR	2100.00	45.00	-
SMRC-010	181056.	136.00	137.00	TR	800.00	10.00	-
SMRC-010	181057.	137.00	138.00	TR	105.00	10.00	-
SMRC-010	181058.	138.00	139.00	TR	390.00	35.00	-
SMRC-010	181059.	139.00	140.00	TR	15100.00	400.00	-
SMRC-010	181060.	140.00	141.00	TR	8850.00	360.00	-
SMRC-010	181061.	141.00	142.00	TR	1550.00	15.00	-
SMRC-010	181062.	142.00	143.00	TR	4350.00	85.00	-
SMRC-010	181066.	144.00	147.00	TR	2180.00	65.24	5.45
SMRC-010	181069.	147.00	150.00	TR	1550.61	10.33	1.22
SMRC-010	181072.	150.00	153.00	TR	359.47	14.21	1.29
SMRC-010	181075.	153.00	156.00	TR	2346.70	23.67	3.83
SMRC-010	181078.	156.00	159.00	TR	2354.87	22.93	2.41
SMRC-010	181081.	159.00	162.00	TR	995.60	13.00	4.00
SMRC-010	181084.	162.00	165.00	TR	537.65	13.91	TR
SMRC-010	181087.	165.00	168.00	TR	334.24	18.85	TR
SMRC-012	181093.	0.00	3.00	TR	54.46	8.74	TR
SMRC-012	181096.	3.00	6.00	TR	50.19	5.91	2.84
SMRC-012	181099.	6.00	9.00	TR	48.01	TR	1.26
SMRC-012	181102.	9.00	12.00	TR	51.24	TR	TR
SMRC-012	181105.	12.00	15.00	TR	40.39	TR	1.77
SMRC-012	181108.	15.00	18.00	TR	33.96	TR	TR
SMRC-012	181111.	18.00	21.00	TR	58.94	TR	TR
SMRC-012	181114.	21.00	24.00	TR	41.08	TR	1.28
SMRC-012	181117.	24.00	27.00	TR	55.65	6.49	2.00
SMRC-012	181120.	27.00	30.00	TR	67.70	TR	TR
SMRC-012	181123.	30.00	33.00	TR	71.12	TR	TR
SMRC-012	181126.	33.00	36.00	TR	75.53	TR	TR
SMRC-012	181129.	36.00	39.00	TR	103.22	3.19	3.16
SMRC-012	181132.	39.00	42.00	TR	68.67	TR	TR
SMRC-012	181135.	42.00	45.00	TR	74.87	TR	TR
SMRC-012	181138.	45.00	48.00	TR	71.25	TR	3.25
SMRC-012	181141.	48.00	51.00	TR	85.18	TR	2.84
SMRC-012	181144.	51.00	54.00	TR	45.05	TR	TR
SMRC-012	181147.	54.00	57.00	TR	79.39	2.00	TR

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	As ppm
		Detection Limit :		0.02	1	2	1
SMRC-012	181150.	57.00	60.00	TR	83.30	TR	1.96
SMRC-012	181153.	60.00	63.00	TR	97.39	TR	1.31
SMRC-012	181156.	63.00	66.00	TR	160.08	TR	2.77
SMRC-012	181159.	66.00	69.00	TR	70.50	TR	TR
SMRC-012	181162.	69.00	72.00	TR	111.05	9.87	TR
SMRC-012	181165.	72.00	75.00	TR	87.27	4.64	TR
SMRC-012	181168.	75.00	78.00	TR	98.44	TR	4.22
SMRC-012	181171.	78.00	81.00	TR	98.29	TR	TR
SMRC-012	181174.	81.00	84.00	TR	128.13	TR	2.83
SMRC-012	181177.	84.00	87.00	TR	110.74	TR	TR
SMRC-012	181180.	87.00	90.00	TR	136.35	3.47	3.49
SMRC-012	181183.	90.00	93.00	TR	128.39	TR	2.18
SMRC-012	181186.	93.00	96.00	TR	147.21	TR	TR
SMRC-012	181189.	96.00	99.00	TR	282.88	TR	TR
SMRC-012	181192.	99.00	102.00	TR	195.94	25.02	TR
SMRC-012	181195.	102.00	105.00	TR	161.66	32.33	TR
SMRC-012	181198.	105.00	108.00	TR	138.90	20.79	1.10
SMRC-012	181201.	108.00	111.00	TR	164.65	2.51	TR
SMRC-012	181204.	111.00	114.00	TR	491.13	22.92	1.33
SMRC-012	181207.	114.00	117.00	TR	222.33	TR	1.10
SMRC-012	181210.	117.00	120.00	TR	215.99	11.32	1.18
SMRC-012	181213.	120.00	123.00	TR	239.71	22.35	2.23
SMRC-012	181216.	123.00	126.00	TR	241.01	14.85	TR
SMRC-012	181219.	126.00	129.00	TR	240.97	TR	2.67
SMRC-012	181222.	129.00	132.00	TR	558.53	22.05	4.35
SMRC-012	181225.	132.00	135.00	TR	436.96	39.65	1.71
SMRC-012	181228.	135.00	138.00	TR	160.28	9.70	2.51
SMRC-012	181231.	138.00	141.00	TR	86.46	TR	1.98
SMRC-012	181234.	141.00	144.00	TR	127.38	2.76	TR
SMRC-012	181237.	144.00	147.00	TR	233.84	20.73	4.75
SMRC-012	181240.	147.00	150.00	TR	393.74	13.00	TR
SMRC-012	181243.	150.00	153.00	TR	608.63	17.14	3.82
SMRC-012	181246.	153.00	156.00	TR	433.28	9.72	TR
SMRC-012	181249.	156.00	159.00	TR	80.33	16.00	TR
SMRC-012	181252.	159.00	162.00	TR	33.23	8.00	TR
SMRC-012	181255.	162.00	165.00	TR	22.18	12.52	1.99
SMRC-012	181258.	165.00	168.00	TR	15.47	TR	TR
SMRC-012	181261.	168.00	171.00	TR	12.92	13.78	TR
SMRC-012	181264.	171.00	174.00	TR	26.90	2.14	2.78
SMRC-012	181267.	174.00	177.00	TR	7.93	TR	TR
SMRC-012	181270.	177.00	180.00	TR	2.60	6.20	1.64

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-006	180429.	0.00	3.00	13.34	6.48	3.27	110.07
SMRC-006	180432.	3.00	6.00	3.76	1.86	2.47	36.56
SMRC-006	180435.	6.00	9.00	3.27	8.42	2.84	40.65
SMRC-006	180438.	9.00	12.00	2.95	7.26	3.09	34.33
SMRC-006	180441.	12.00	15.00	1.25	1.84	2.73	16.88
SMRC-006	180444.	15.00	18.00	3.40	2.12	2.54	14.05
SMRC-006	180447.	18.00	21.00	2.65	7.11	2.41	9.30
SMRC-006	180450.	21.00	24.00	2.30	1.57	2.60	20.79
SMRC-006	180453.	24.00	27.00	2.06	3.63	2.50	16.69
SMRC-006	180456.	27.00	30.00	5.55	12.56	2.86	13.29
SMRC-006	180459.	30.00	33.00	3.19	9.31	2.67	16.17
SMRC-006	180462.	33.00	36.00	6.50	7.56	3.16	34.55
SMRC-006	180465.	36.00	39.00	2.34	4.16	2.81	25.67
SMRC-006	180468.	39.00	42.00	2.80	6.09	3.07	42.36
SMRC-006	180471.	42.00	45.00	4.46	4.55	2.53	33.97
SMRC-006	180474.	45.00	48.00	4.10	4.85	2.43	37.82
SMRC-006	180477.	48.00	51.00	3.27	2.38	2.22	83.49
SMRC-006	180480.	51.00	54.00	6.40	1.68	2.30	104.75
SMRC-006	180483.	54.00	57.00	19.82	4.75	2.67	275.00
SMRC-006	180486.	57.00	60.00	18.92	3.54	2.70	307.26
SMRC-006	180489.	60.00	63.00	11.12	4.99	2.35	346.05
SMRC-006	180492.	63.00	66.00	4.45	31.30	2.69	787.66
SMRC-006	180495.	66.00	69.00	2.32	13.41	2.52	1436.21
SMRC-006	180498.	69.00	72.00	1.53	50.91	2.49	795.38
SMRC-006	180501.	72.00	75.00	2.12	64.77	2.81	1145.70
SMRC-006	180504.	75.00	78.00	4.97	78.98	3.98	1617.80
SMRC-006	180507.	78.00	81.00	3.60	12.63	2.38	1098.16
SMRC-006	180510.	81.00	84.00	28.07	19.17	2.16	1710.01
SMRC-006	180513.	84.00	87.00	44.86	57.37	2.37	1012.70
SMRC-006	180516.	87.00	90.00	61.73	89.22	2.59	1141.06
SMRC-006	180519.	90.00	93.00	238.04	44.94	2.95	1928.25
SMRC-006	180522.	93.00	96.00	122.00	17.87	2.06	1880.77
SMRC-006	180525.	96.00	99.00	142.04	12.21	2.23	1237.94
SMRC-006	180528.	99.00	102.00	238.39	22.77	2.40	1330.14
SMRC-006	180531.	102.00	105.00	402.66	69.40	2.78	1193.37
SMRC-006	180534.	105.00	108.00	703.27	198.49	3.14	1334.24
SMRC-006	180537.	108.00	111.00	715.03	292.44	2.71	931.65
SMRC-006	180538.	111.00	112.00	888.24	318.09	2.38	718.89
SMRC-008	181273.	0.00	3.00	2.12	12.30	1.80	85.55
SMRC-008	181276.	3.00	6.00	TR	5.94	1.16	34.83
SMRC-008	181279.	6.00	9.00	TR	5.87	1.47	39.42
SMRC-008	181282.	9.00	12.00	TR	17.55	2.87	52.21
SMRC-008	181285.	12.00	15.00	1.27	20.73	2.23	38.45
SMRC-008	181288.	15.00	18.00	2.06	12.00	2.36	39.18
SMRC-008	181291.	18.00	21.00	4.09	21.75	2.64	51.76
SMRC-008	181294.	21.00	24.00	TR	11.94	2.38	104.77
SMRC-008	181297.	24.00	27.00	TR	13.73	3.28	75.00
SMRC-008	181300.	27.00	30.00	1.83	19.13	3.50	363.22
SMRC-008	181703.	30.00	33.00	TR	41.30	2.48	745.91

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-008	181706.	33.00	36.00	4.20	65.24	2.71	346.00
SMRC-008	181709.	36.00	39.00	TR	77.64	2.46	520.58
SMRC-008	181712.	39.00	42.00	TR	86.02	2.45	586.54
SMRC-008	181715.	42.00	45.00	2.93	96.80	2.08	856.78
SMRC-008	181718.	45.00	48.00	1.25	131.54	2.65	862.67
SMRC-008	181721.	48.00	51.00	TR	109.51	2.81	670.73
SMRC-008	181724.	51.00	54.00	TR	104.04	3.38	2522.80
SMRC-008	181727.	54.00	57.00	3.57	20.86	2.30	217.97
SMRC-008	181730.	57.00	60.00	TR	22.19	2.17	353.16
SMRC-008	181733.	60.00	63.00	TR	41.67	1.92	362.59
SMRC-008	181736.	63.00	66.00	TR	37.30	2.38	672.51
SMRC-008	181739.	66.00	69.00	TR	17.17	1.82	433.93
SMRC-008	181742.	69.00	72.00	1.33	17.45	1.67	321.85
SMRC-008	181745.	72.00	75.00	TR	5.49	1.31	203.44
SMRC-008	181748.	75.00	78.00	TR	14.74	1.64	484.60
SMRC-008	181751.	78.00	81.00	TR	4.18	1.16	190.04
SMRC-008	181754.	81.00	84.00	TR	15.44	1.58	319.90
SMRC-008	181757.	84.00	87.00	TR	17.43	1.81	255.26
SMRC-008	181760.	87.00	90.00	1.61	50.86	2.09	319.67
SMRC-008	181763.	90.00	93.00	TR	61.20	1.88	411.96
SMRC-008	181766.	93.00	96.00	3.96	46.92	1.74	356.54
SMRC-008	181769.	96.00	99.00	TR	53.56	1.93	385.45
SMRC-008	181772.	99.00	102.00	TR	53.79	2.04	421.44
SMRC-008	181775.	102.00	105.00	2.10	51.43	1.98	438.54
SMRC-008	181778.	105.00	108.00	TR	71.31	2.02	436.54
SMRC-008	181781.	108.00	111.00	2.88	51.07	1.76	329.09
SMRC-008	181784.	111.00	114.00	TR	42.00	1.95	283.26
SMRC-008	181787.	114.00	117.00	TR	49.61	2.70	366.49
SMRC-008	181790.	117.00	120.00	1.49	51.24	2.61	370.83
SMRC-008	181793.	120.00	123.00	TR	38.98	2.50	255.26
SMRC-008	181796.	123.00	126.00	TR	59.40	2.46	476.20
SMRC-008	181799.	126.00	129.00	TR	57.39	2.48	523.94
SMRC-008	181802.	129.00	132.00	5.08	54.48	2.47	457.33
SMRC-008	181805.	132.00	135.00	2.75	69.63	2.78	599.87
SMRC-008	181808.	135.00	138.00	3.93	58.77	2.63	582.68
SMRC-008	181811.	138.00	141.00	6.40	59.24	3.02	586.72
SMRC-008	181814.	141.00	144.00	2.43	55.84	3.64	534.66
SMRC-008	181817.	144.00	147.00	TR	66.48	3.11	560.14
SMRC-008	181820.	147.00	150.00	2.54	69.75	3.01	676.74
SMRC-008	181823.	150.00	153.00	TR	57.71	2.48	556.05
SMRC-008	181826.	153.00	156.00	TR	82.03	3.15	678.00
SMRC-008	181829.	156.00	159.00	2.28	79.82	3.04	654.04
SMRC-008	181832.	159.00	162.00	TR	85.86	3.29	665.95
SMRC-008	181835.	162.00	165.00	TR	63.46	2.89	528.53
SMRC-008	181838.	165.00	168.00	2.15	77.55	2.95	456.15
SMRC-008	181841.	168.00	171.00	1.88	80.68	3.40	484.07
SMRC-008	181844.	171.00	174.00	TR	70.52	4.17	516.34
SMRC-008	181847.	174.00	177.00	2.95	51.59	3.72	426.76
SMRC-008	181850.	177.00	180.00	TR	84.60	4.97	558.42

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-008	181853.	180.00	183.00	2.75	122.34	7.52	860.09
SMRC-008	181856.	183.00	186.00	10.00	278.33	16.96	2022.40
SMRC-008	181859.	186.00	189.00	6.39	181.04	8.44	817.20
SMRC-008	181862.	189.00	192.00	3.92	102.49	6.77	717.07
SMRC-008	181865.	192.00	195.00	8.44	111.03	16.77	1099.78
SMRC-008	181868.	195.00	198.00	TR	32.12	37.61	408.35
SMRC-008	181869.	198.00	199.00	TR	100.00	14.50	750.00
SMRC-008	181870.	199.00	200.00	10.00	210.00	27.90	1400.00
SMRC-008	181871.	200.00	201.00	TR	125.00	45.70	850.00
SMRC-008	181872.	201.00	202.00	TR	74.00	41.50	490.00
SMRC-008	181873.	202.00	203.00	TR	51.00	5.53	340.00
SMRC-008	181874.	203.00	204.00	TR	105.00	9.73	850.00
SMRC-008	181875.	204.00	205.00	10.00	45.00	39.80	380.00
SMRC-008	181876.	205.00	206.00	5.00	25.00	45.50	240.00
SMRC-008	181877.	206.00	207.00	15.00	19.00	65.60	195.00
SMRC-008	181878.	207.00	208.00	30.00	16.00	64.50	165.00
SMRC-008	181879.	208.00	209.00	20.00	10.00	48.70	115.00
SMRC-008	181880.	209.00	210.00	25.00	10.00	56.80	105.00
SMRC-008	181881.	210.00	211.00	15.00	12.00	52.50	115.00
SMRC-008	181882.	211.00	212.00	20.00	32.00	46.50	290.00
SMRC-008	181883.	212.00	213.00	10.00	105.00	32.20	850.00
SMRC-008	181884.	213.00	214.00	TR	79.00	17.90	650.00
SMRC-008	181885.	214.00	215.00	TR	88.00	10.20	650.00
SMRC-008	181886.	215.00	216.00	TR	68.00	7.42	440.00
SMRC-008	181887.	216.00	217.00	TR	93.00	10.30	650.00
SMRC-008	181888.	217.00	218.00	TR	80.00	9.36	700.00
SMRC-008	181889.	218.00	219.00	10.00	125.00	16.30	800.00
SMRC-008	181890.	219.00	220.00	TR	185.00	18.70	950.00
SMRC-008	181891.	220.00	221.00	TR	230.00	17.00	1250.00
SMRC-008	181892.	221.00	222.00	TR	230.00	16.10	1200.00
SMRC-008	181893.	222.00	223.00	TR	180.00	12.50	950.00
SMRC-008	181894.	223.00	224.00	TR	145.00	9.71	700.00
SMRC-008	181895.	224.00	225.00	TR	110.00	6.89	500.00
SMRC-008	181896.	225.00	226.00	TR	90.00	5.42	410.00
SMRC-008	181897.	226.00	227.00	TR	210.00	13.10	900.00
SMRC-008	181898.	227.00	228.00	TR	105.00	7.41	450.00
SMRC-008	181899.	228.00	229.00	TR	94.00	5.29	400.00
SMRC-008	181900.	229.00	230.00	TR	130.00	8.08	550.00
SMRC-008	181901.	230.00	231.00	5.00	110.00	6.32	470.00
SMRC-008	181904.	231.00	234.00	4.21	78.36	4.98	392.02
SMRC-008	181907.	234.00	237.00	12.85	117.21	5.94	698.10
SMRC-008	181910.	237.00	240.00	2.69	108.66	4.10	634.30
SMRC-008	181913.	240.00	243.00	TR	98.04	3.08	638.85
SMRC-008	181916.	243.00	246.00	1.96	129.26	3.84	936.23
SMRC-008	181919.	246.00	249.00	2.64	115.64	3.58	854.97
SMRC-008	181922.	249.00	252.00	3.04	85.03	3.77	654.95
SMRC-008	181925.	252.00	255.00	3.67	68.61	3.86	551.35
SMRC-008	181928.	255.00	258.00	1.42	70.69	4.19	602.59
SMRC-008	181930.	258.00	260.00	3.00	69.00	3.68	562.00

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-009	180541.	0.00	3.00	9.16	5.62	2.31	59.76
SMRC-009	180544.	3.00	6.00	3.25	4.50	1.20	16.41
SMRC-009	180547.	6.00	9.00	1.50	4.51	2.43	17.24
SMRC-009	180550.	9.00	12.00	5.64	4.70	2.22	19.03
SMRC-009	180553.	12.00	15.00	TR	12.08	2.54	34.19
SMRC-009	180556.	15.00	18.00	2.12	14.39	3.06	42.90
SMRC-009	180559.	18.00	21.00	3.33	10.59	2.97	33.26
SMRC-009	180562.	21.00	24.00	2.84	5.38	2.42	29.77
SMRC-009	180565.	24.00	27.00	1.57	7.25	2.21	32.37
SMRC-009	180568.	27.00	30.00	4.15	19.72	2.13	34.99
SMRC-009	180571.	30.00	33.00	5.22	11.37	2.83	279.03
SMRC-009	180574.	33.00	36.00	3.61	8.14	2.60	209.67
SMRC-009	180577.	36.00	39.00	2.00	8.63	2.59	172.24
SMRC-009	180580.	39.00	42.00	3.45	10.62	2.58	61.31
SMRC-009	180583.	42.00	45.00	1.31	11.07	3.29	208.63
SMRC-009	180584.	45.00	48.00	TR	8.00	3.18	242.00
SMRC-009	180589.	48.00	51.00	3.68	4.82	1.99	235.69
SMRC-009	180592.	51.00	54.00	2.14	5.47	2.22	141.64
SMRC-009	180595.	54.00	57.00	3.39	3.16	2.11	358.45
SMRC-009	180598.	57.00	60.00	1.31	3.55	2.05	347.71
SMRC-009	180601.	60.00	63.00	2.97	1.58	1.88	263.74
SMRC-009	180604.	63.00	66.00	1.78	2.17	1.92	221.64
SMRC-009	180607.	66.00	69.00	TR	1.83	2.04	390.54
SMRC-009	180610.	69.00	72.00	3.08	2.26	3.10	374.77
SMRC-009	180613.	72.00	75.00	2.46	3.50	2.36	180.78
SMRC-009	180616.	75.00	78.00	2.00	TR	2.22	370.83
SMRC-009	180619.	78.00	81.00	11.10	TR	3.12	295.33
SMRC-009	180622.	81.00	84.00	2.33	TR	2.31	242.90
SMRC-009	180625.	84.00	87.00	21.71	TR	2.68	261.33
SMRC-009	180628.	87.00	90.00	1.80	40.35	3.41	385.69
SMRC-009	180631.	90.00	93.00	TR	48.37	3.44	456.35
SMRC-009	180634.	93.00	96.00	2.79	47.68	2.94	521.24
SMRC-009	180637.	96.00	99.00	8.24	57.27	3.80	848.20
SMRC-009	180640.	99.00	102.00	19.23	45.34	2.87	992.40
SMRC-009	180643.	102.00	105.00	14.65	19.95	2.70	1116.15
SMRC-009	180646.	105.00	108.00	130.47	52.69	2.59	745.24
SMRC-009	180649.	108.00	111.00	66.92	72.33	2.65	608.02
SMRC-009	180652.	111.00	114.00	49.04	82.25	2.57	627.70
SMRC-009	180655.	114.00	117.00	31.00	82.82	2.70	707.87
SMRC-009	180658.	117.00	120.00	112.49	70.13	2.99	1776.82
SMRC-009	180661.	120.00	123.00	614.34	30.78	3.06	2039.58
SMRC-009	180664.	123.00	126.00	774.33	42.28	3.21	2480.13
SMRC-009	180667.	126.00	129.00	76.36	148.88	3.72	603.62
SMRC-009	180670.	129.00	132.00	505.95	175.81	4.07	632.92
SMRC-009	180673.	132.00	135.00	675.91	154.29	9.54	386.66
SMRC-009	180676.	135.00	138.00	55.10	191.95	4.71	402.07
SMRC-009	180679.	138.00	141.00	6.35	101.34	4.53	257.31
SMRC-009	180682.	141.00	144.00	2.72	180.94	6.32	492.67
SMRC-009	180685.	144.00	147.00	5.52	296.59	3.50	547.47

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-009	180688.	147.00	150.00	7.66	180.24	2.20	453.90
SMRC-009	180691.	150.00	153.00	6.53	129.40	2.37	480.46
SMRC-009	180694.	153.00	156.00	13.30	179.20	2.20	450.86
SMRC-009	180697.	156.00	159.00	5.66	128.25	2.36	527.87
SMRC-009	180700.	159.00	162.00	4.63	142.29	2.80	746.24
SMRC-009	180703.	162.00	165.00	16.94	214.76	2.83	733.26
SMRC-009	180706.	165.00	168.00	18.60	295.74	2.81	732.95
SMRC-009	180709.	168.00	171.00	12.29	180.65	2.42	709.09
SMRC-009	180712.	171.00	174.00	36.76	542.18	2.72	910.46
SMRC-009	180715.	174.00	177.00	29.99	418.57	2.65	836.39
SMRC-009	180718.	177.00	180.00	15.49	264.00	2.51	758.63
SMRC-009	180721.	180.00	183.00	22.52	212.13	2.58	734.26
SMRC-009	180724.	183.00	186.00	5.47	255.34	2.25	502.55
SMRC-009	180727.	186.00	189.00	6.36	175.51	2.19	480.38
SMRC-009	180730.	189.00	192.00	5.86	104.48	2.46	454.11
SMRC-009	180733.	192.00	195.00	3.12	63.60	3.09	487.66
SMRC-009	180736.	195.00	198.00	7.16	69.43	3.00	609.95
SMRC-009	180739.	198.00	201.00	3.52	70.40	3.18	649.47
SMRC-010	180922.	0.00	3.00	6.28	14.43	2.58	149.69
SMRC-010	180925.	3.00	6.00	1.51	15.01	2.06	75.62
SMRC-010	180928.	6.00	9.00	5.34	15.23	2.84	82.62
SMRC-010	180931.	9.00	12.00	3.85	19.91	2.84	66.45
SMRC-010	180934.	12.00	15.00	TR	20.01	2.36	82.56
SMRC-010	180937.	15.00	18.00	2.62	16.83	2.26	50.16
SMRC-010	180940.	18.00	21.00	2.60	9.69	2.14	52.25
SMRC-010	180943.	21.00	24.00	7.18	12.35	2.55	335.02
SMRC-010	180946.	24.00	27.00	4.00	13.91	2.80	183.29
SMRC-010	180949.	27.00	30.00	2.95	12.63	2.66	89.08
SMRC-010	180952.	30.00	33.00	4.46	17.17	2.98	41.23
SMRC-010	180955.	33.00	36.00	2.02	9.78	2.56	132.09
SMRC-010	180958.	36.00	39.00	2.07	11.09	2.67	101.55
SMRC-010	180961.	39.00	42.00	6.78	5.06	2.11	163.10
SMRC-010	180964.	42.00	45.00	TR	14.08	2.47	341.20
SMRC-010	180967.	45.00	48.00	1.34	16.09	2.05	718.94
SMRC-010	180970.	48.00	51.00	4.35	21.17	2.97	545.90
SMRC-010	180973.	51.00	54.00	3.04	33.44	3.60	630.31
SMRC-010	180976.	54.00	57.00	3.94	21.68	3.21	353.09
SMRC-010	180979.	57.00	60.00	3.39	20.34	3.57	188.97
SMRC-010	180982.	60.00	63.00	3.34	36.12	5.32	1014.63
SMRC-010	180985.	63.00	66.00	3.20	37.70	4.45	326.41
SMRC-010	180988.	66.00	69.00	5.89	26.00	4.11	72.25
SMRC-010	180991.	69.00	72.00	3.00	28.80	4.65	71.52
SMRC-010	180994.	72.00	75.00	4.50	9.84	3.66	64.42
SMRC-010	180997.	75.00	78.00	4.31	20.91	3.81	50.36
SMRC-010	181000.	78.00	81.00	1.88	7.56	2.81	192.28
SMRC-010	181003.	81.00	84.00	2.56	5.12	2.60	135.50
SMRC-010	181006.	84.00	87.00	1.00	3.88	2.52	191.00
SMRC-010	181009.	87.00	90.00	TR	3.10	2.86	268.77
SMRC-010	181012.	90.00	93.00	6.77	24.49	3.06	256.10

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-010	181015.	93.00	96.00	3.51	25.75	3.38	1155.12
SMRC-010	181018.	96.00	99.00	3.82	21.02	3.03	513.71
SMRC-010	181021.	99.00	102.00	2.55	33.67	3.71	631.35
SMRC-010	181024.	102.00	105.00	2.60	44.36	3.01	473.93
SMRC-010	181027.	105.00	108.00	3.11	52.28	3.66	467.62
SMRC-010	181030.	108.00	111.00	7.19	50.15	4.05	406.40
SMRC-010	181033.	111.00	114.00	12.73	41.85	3.68	303.38
SMRC-010	181036.	114.00	117.00	1.73	44.97	3.94	330.22
SMRC-010	181039.	117.00	120.00	11.69	44.83	4.22	329.63
SMRC-010	181042.	120.00	123.00	3.34	60.92	4.67	378.18
SMRC-010	181045.	123.00	126.00	9.99	58.39	4.53	382.23
SMRC-010	181048.	126.00	129.00	7.51	66.11	4.51	425.21
SMRC-010	181051.	129.00	132.00	16.72	69.63	4.48	484.32
SMRC-010	181054.	132.00	135.00	6.96	108.49	5.71	394.27
SMRC-010	181055.	135.00	136.00	5.00	110.00	5.05	370.00
SMRC-010	181056.	136.00	137.00	TR	56.00	3.15	230.00
SMRC-010	181057.	137.00	138.00	TR	56.00	3.93	280.00
SMRC-010	181058.	138.00	139.00	TR	48.00	3.48	260.00
SMRC-010	181059.	139.00	140.00	TR	100.00	5.42	420.00
SMRC-010	181060.	140.00	141.00	TR	53.00	5.34	270.00
SMRC-010	181061.	141.00	142.00	TR	60.00	4.71	340.00
SMRC-010	181062.	142.00	143.00	TR	83.00	5.15	290.00
SMRC-010	181066.	144.00	147.00	TR	63.00	5.17	287.84
SMRC-010	181069.	147.00	150.00	9.30	90.39	5.37	460.59
SMRC-010	181072.	150.00	153.00	6.28	97.54	4.93	505.36
SMRC-010	181075.	153.00	156.00	38.49	132.45	5.07	658.58
SMRC-010	181078.	156.00	159.00	24.36	154.93	4.83	627.81
SMRC-010	181081.	159.00	162.00	68.99	127.16	4.09	585.43
SMRC-010	181084.	162.00	165.00	6.15	156.42	4.13	850.87
SMRC-010	181087.	165.00	168.00	109.14	159.73	3.46	1014.13
SMRC-012	181093.	0.00	3.00	4.91	6.58	2.31	129.44
SMRC-012	181096.	3.00	6.00	3.50	7.07	2.09	57.07
SMRC-012	181099.	6.00	9.00	TR	3.86	2.11	34.12
SMRC-012	181102.	9.00	12.00	4.13	6.15	2.22	41.68
SMRC-012	181105.	12.00	15.00	TR	3.61	2.07	39.29
SMRC-012	181108.	15.00	18.00	1.12	4.75	2.33	31.87
SMRC-012	181111.	18.00	21.00	3.28	3.50	2.84	35.38
SMRC-012	181114.	21.00	24.00	2.83	4.12	2.24	36.83
SMRC-012	181117.	24.00	27.00	1.68	8.15	2.61	40.58
SMRC-012	181120.	27.00	30.00	TR	7.31	2.25	28.41
SMRC-012	181123.	30.00	33.00	2.20	7.56	2.03	20.50
SMRC-012	181126.	33.00	36.00	1.30	10.78	2.55	31.21
SMRC-012	181129.	36.00	39.00	3.01	12.50	2.52	26.95
SMRC-012	181132.	39.00	42.00	2.05	7.23	1.72	56.58
SMRC-012	181135.	42.00	45.00	1.06	7.44	1.84	90.23
SMRC-012	181138.	45.00	48.00	3.06	11.70	2.62	80.86
SMRC-012	181141.	48.00	51.00	5.55	9.70	2.67	68.98
SMRC-012	181144.	51.00	54.00	TR	4.91	2.38	103.29
SMRC-012	181147.	54.00	57.00	2.74	9.87	2.51	59.41

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Pb ppm	Zn ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
SMRC-012	181150.	57.00	60.00	1.79	10.02	2.44	58.00
SMRC-012	181153.	60.00	63.00	2.67	11.77	2.62	83.61
SMRC-012	181156.	63.00	66.00	4.66	21.56	3.22	146.45
SMRC-012	181159.	66.00	69.00	3.51	2.69	2.32	168.62
SMRC-012	181162.	69.00	72.00	2.97	4.69	2.32	118.70
SMRC-012	181165.	72.00	75.00	2.38	4.41	2.72	146.78
SMRC-012	181168.	75.00	78.00	4.62	3.92	2.71	186.84
SMRC-012	181171.	78.00	81.00	3.25	1.86	2.38	180.74
SMRC-012	181174.	81.00	84.00	3.19	8.66	3.34	138.52
SMRC-012	181177.	84.00	87.00	3.02	3.84	3.02	298.45
SMRC-012	181180.	87.00	90.00	2.13	5.83	2.96	215.06
SMRC-012	181183.	90.00	93.00	5.42	7.77	2.89	148.07
SMRC-012	181186.	93.00	96.00	3.79	6.77	3.20	515.12
SMRC-012	181189.	96.00	99.00	23.25	20.51	3.44	610.65
SMRC-012	181192.	99.00	102.00	22.71	40.70	3.11	317.28
SMRC-012	181195.	102.00	105.00	20.27	48.33	3.49	341.32
SMRC-012	181198.	105.00	108.00	16.55	43.36	3.33	316.97
SMRC-012	181201.	108.00	111.00	19.71	37.17	4.21	402.44
SMRC-012	181204.	111.00	114.00	32.13	43.49	4.74	482.63
SMRC-012	181207.	114.00	117.00	34.88	38.73	4.09	454.47
SMRC-012	181210.	117.00	120.00	34.54	47.39	4.77	542.98
SMRC-012	181213.	120.00	123.00	32.73	101.71	8.03	828.06
SMRC-012	181216.	123.00	126.00	42.07	98.56	5.81	840.91
SMRC-012	181219.	126.00	129.00	79.36	93.50	4.65	732.97
SMRC-012	181222.	129.00	132.00	80.97	158.62	4.69	808.91
SMRC-012	181225.	132.00	135.00	47.66	273.28	5.60	1149.32
SMRC-012	181228.	135.00	138.00	5.98	136.09	4.67	953.47
SMRC-012	181231.	138.00	141.00	2.51	209.78	4.22	1349.08
SMRC-012	181234.	141.00	144.00	5.74	202.63	3.12	1177.46
SMRC-012	181237.	144.00	147.00	4.23	290.55	3.58	1275.06
SMRC-012	181240.	147.00	150.00	6.52	192.31	2.42	1044.66
SMRC-012	181243.	150.00	153.00	10.27	272.59	2.97	1045.04
SMRC-012	181246.	153.00	156.00	14.36	173.23	2.83	1013.49
SMRC-012	181249.	156.00	159.00	8.00	120.77	2.70	958.23
SMRC-012	181252.	159.00	162.00	6.00	112.09	2.84	984.05
SMRC-012	181255.	162.00	165.00	4.41	79.38	2.59	771.84
SMRC-012	181258.	165.00	168.00	6.63	75.60	2.56	728.25
SMRC-012	181261.	168.00	171.00	5.89	67.78	2.49	744.76
SMRC-012	181264.	171.00	174.00	3.85	67.43	2.06	678.28
SMRC-012	181267.	174.00	177.00	5.84	66.46	2.35	610.91
SMRC-012	181270.	177.00	180.00	4.56	70.14	2.30	511.61

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-006	180429.	0.00	3.00	3.66
SMRC-006	180432.	3.00	6.00	1.08
SMRC-006	180435.	6.00	9.00	2.05
SMRC-006	180438.	9.00	12.00	2.07
SMRC-006	180441.	12.00	15.00	1.14
SMRC-006	180444.	15.00	18.00	1.22
SMRC-006	180447.	18.00	21.00	1.97
SMRC-006	180450.	21.00	24.00	TR
SMRC-006	180453.	24.00	27.00	1.49
SMRC-006	180456.	27.00	30.00	2.68
SMRC-006	180459.	30.00	33.00	3.18
SMRC-006	180462.	33.00	36.00	2.80
SMRC-006	180465.	36.00	39.00	1.77
SMRC-006	180468.	39.00	42.00	2.60
SMRC-006	180471.	42.00	45.00	2.43
SMRC-006	180474.	45.00	48.00	1.82
SMRC-006	180477.	48.00	51.00	3.98
SMRC-006	180480.	51.00	54.00	2.18
SMRC-006	180483.	54.00	57.00	4.11
SMRC-006	180486.	57.00	60.00	4.49
SMRC-006	180489.	60.00	63.00	7.46
SMRC-006	180492.	63.00	66.00	32.63
SMRC-006	180495.	66.00	69.00	60.24
SMRC-006	180498.	69.00	72.00	19.13
SMRC-006	180501.	72.00	75.00	23.73
SMRC-006	180504.	75.00	78.00	44.56
SMRC-006	180507.	78.00	81.00	48.07
SMRC-006	180510.	81.00	84.00	69.35
SMRC-006	180513.	84.00	87.00	15.14
SMRC-006	180516.	87.00	90.00	12.27
SMRC-006	180519.	90.00	93.00	77.36
SMRC-006	180522.	93.00	96.00	44.74
SMRC-006	180525.	96.00	99.00	19.41
SMRC-006	180528.	99.00	102.00	30.12
SMRC-006	180531.	102.00	105.00	20.14
SMRC-006	180534.	105.00	108.00	15.59
SMRC-006	180537.	108.00	111.00	13.33
SMRC-006	180538.	111.00	112.00	12.12
SMRC-008	181273.	0.00	3.00	3.84
SMRC-008	181276.	3.00	6.00	TR
SMRC-008	181279.	6.00	9.00	TR
SMRC-008	181282.	9.00	12.00	1.63
SMRC-008	181285.	12.00	15.00	1.38
SMRC-008	181288.	15.00	18.00	1.23
SMRC-008	181291.	18.00	21.00	2.68
SMRC-008	181294.	21.00	24.00	1.60
SMRC-008	181297.	24.00	27.00	2.99
SMRC-008	181300.	27.00	30.00	5.33
SMRC-008	181703.	30.00	33.00	13.80

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-008	181706.	33.00	36.00	12.86
SMRC-008	181709.	36.00	39.00	19.39
SMRC-008	181712.	39.00	42.00	21.62
SMRC-008	181715.	42.00	45.00	27.54
SMRC-008	181718.	45.00	48.00	19.89
SMRC-008	181721.	48.00	51.00	14.59
SMRC-008	181724.	51.00	54.00	47.16
SMRC-008	181727.	54.00	57.00	3.12
SMRC-008	181730.	57.00	60.00	4.83
SMRC-008	181733.	60.00	63.00	17.48
SMRC-008	181736.	63.00	66.00	21.03
SMRC-008	181739.	66.00	69.00	10.46
SMRC-008	181742.	69.00	72.00	9.62
SMRC-008	181745.	72.00	75.00	7.16
SMRC-008	181748.	75.00	78.00	13.01
SMRC-008	181751.	78.00	81.00	5.22
SMRC-008	181754.	81.00	84.00	11.45
SMRC-008	181757.	84.00	87.00	7.50
SMRC-008	181760.	87.00	90.00	9.61
SMRC-008	181763.	90.00	93.00	12.29
SMRC-008	181766.	93.00	96.00	6.44
SMRC-008	181769.	96.00	99.00	6.32
SMRC-008	181772.	99.00	102.00	8.22
SMRC-008	181775.	102.00	105.00	10.60
SMRC-008	181778.	105.00	108.00	16.44
SMRC-008	181781.	108.00	111.00	11.35
SMRC-008	181784.	111.00	114.00	5.21
SMRC-008	181787.	114.00	117.00	7.16
SMRC-008	181790.	117.00	120.00	8.05
SMRC-008	181793.	120.00	123.00	5.36
SMRC-008	181796.	123.00	126.00	9.89
SMRC-008	181799.	126.00	129.00	9.81
SMRC-008	181802.	129.00	132.00	6.85
SMRC-008	181805.	132.00	135.00	14.18
SMRC-008	181808.	135.00	138.00	9.27
SMRC-008	181811.	138.00	141.00	8.66
SMRC-008	181814.	141.00	144.00	8.60
SMRC-008	181817.	144.00	147.00	11.46
SMRC-008	181820.	147.00	150.00	10.42
SMRC-008	181823.	150.00	153.00	11.52
SMRC-008	181826.	153.00	156.00	13.00
SMRC-008	181829.	156.00	159.00	7.92
SMRC-008	181832.	159.00	162.00	15.13
SMRC-008	181835.	162.00	165.00	7.93
SMRC-008	181838.	165.00	168.00	9.73
SMRC-008	181841.	168.00	171.00	12.85
SMRC-008	181844.	171.00	174.00	15.64
SMRC-008	181847.	174.00	177.00	16.84
SMRC-008	181850.	177.00	180.00	34.48

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-008	181853.	180.00	183.00	44.52
SMRC-008	181856.	183.00	186.00	121.58
SMRC-008	181859.	186.00	189.00	56.31
SMRC-008	181862.	189.00	192.00	45.00
SMRC-008	181865.	192.00	195.00	94.87
SMRC-008	181868.	195.00	198.00	52.15
SMRC-008	181869.	198.00	199.00	63.00
SMRC-008	181870.	199.00	200.00	170.00
SMRC-008	181871.	200.00	201.00	125.00
SMRC-008	181872.	201.00	202.00	135.00
SMRC-008	181873.	202.00	203.00	28.00
SMRC-008	181874.	203.00	204.00	59.00
SMRC-008	181875.	204.00	205.00	48.00
SMRC-008	181876.	205.00	206.00	44.00
SMRC-008	181877.	206.00	207.00	47.00
SMRC-008	181878.	207.00	208.00	45.00
SMRC-008	181879.	208.00	209.00	43.00
SMRC-008	181880.	209.00	210.00	47.00
SMRC-008	181881.	210.00	211.00	42.00
SMRC-008	181882.	211.00	212.00	59.00
SMRC-008	181883.	212.00	213.00	330.00
SMRC-008	181884.	213.00	214.00	290.00
SMRC-008	181885.	214.00	215.00	430.00
SMRC-008	181886.	215.00	216.00	360.00
SMRC-008	181887.	216.00	217.00	180.00
SMRC-008	181888.	217.00	218.00	195.00
SMRC-008	181889.	218.00	219.00	750.00
SMRC-008	181890.	219.00	220.00	250.00
SMRC-008	181891.	220.00	221.00	145.00
SMRC-008	181892.	221.00	222.00	165.00
SMRC-008	181893.	222.00	223.00	130.00
SMRC-008	181894.	223.00	224.00	100.00
SMRC-008	181895.	224.00	225.00	63.00
SMRC-008	181896.	225.00	226.00	44.00
SMRC-008	181897.	226.00	227.00	90.00
SMRC-008	181898.	227.00	228.00	65.00
SMRC-008	181899.	228.00	229.00	49.00
SMRC-008	181900.	229.00	230.00	77.00
SMRC-008	181901.	230.00	231.00	79.00
SMRC-008	181904.	231.00	234.00	31.38
SMRC-008	181907.	234.00	237.00	31.18
SMRC-008	181910.	237.00	240.00	15.44
SMRC-008	181913.	240.00	243.00	28.49
SMRC-008	181916.	243.00	246.00	11.47
SMRC-008	181919.	246.00	249.00	11.54
SMRC-008	181922.	249.00	252.00	9.39
SMRC-008	181925.	252.00	255.00	21.09
SMRC-008	181928.	255.00	258.00	19.35
SMRC-008	181930.	258.00	260.00	5.00

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-009	180541.	0.00	3.00	4.23
SMRC-009	180544.	3.00	6.00	1.97
SMRC-009	180547.	6.00	9.00	1.51
SMRC-009	180550.	9.00	12.00	1.11
SMRC-009	180553.	12.00	15.00	2.36
SMRC-009	180556.	15.00	18.00	3.28
SMRC-009	180559.	18.00	21.00	3.23
SMRC-009	180562.	21.00	24.00	1.27
SMRC-009	180565.	24.00	27.00	1.82
SMRC-009	180568.	27.00	30.00	1.95
SMRC-009	180571.	30.00	33.00	5.49
SMRC-009	180574.	33.00	36.00	8.91
SMRC-009	180577.	36.00	39.00	11.15
SMRC-009	180580.	39.00	42.00	10.30
SMRC-009	180583.	42.00	45.00	9.49
SMRC-009	180584.	45.00	48.00	11.00
SMRC-009	180589.	48.00	51.00	8.71
SMRC-009	180592.	51.00	54.00	8.80
SMRC-009	180595.	54.00	57.00	16.30
SMRC-009	180598.	57.00	60.00	12.99
SMRC-009	180601.	60.00	63.00	9.54
SMRC-009	180604.	63.00	66.00	5.42
SMRC-009	180607.	66.00	69.00	11.04
SMRC-009	180610.	69.00	72.00	6.56
SMRC-009	180613.	72.00	75.00	5.20
SMRC-009	180616.	75.00	78.00	8.47
SMRC-009	180619.	78.00	81.00	14.29
SMRC-009	180622.	81.00	84.00	7.13
SMRC-009	180625.	84.00	87.00	8.90
SMRC-009	180628.	87.00	90.00	17.40
SMRC-009	180631.	90.00	93.00	20.69
SMRC-009	180634.	93.00	96.00	21.22
SMRC-009	180637.	96.00	99.00	35.99
SMRC-009	180640.	99.00	102.00	51.63
SMRC-009	180643.	102.00	105.00	40.90
SMRC-009	180646.	105.00	108.00	17.49
SMRC-009	180649.	108.00	111.00	8.71
SMRC-009	180652.	111.00	114.00	7.80
SMRC-009	180655.	114.00	117.00	15.97
SMRC-009	180658.	117.00	120.00	111.77
SMRC-009	180661.	120.00	123.00	166.00
SMRC-009	180664.	123.00	126.00	137.69
SMRC-009	180667.	126.00	129.00	30.36
SMRC-009	180670.	129.00	132.00	33.89
SMRC-009	180673.	132.00	135.00	49.79
SMRC-009	180676.	135.00	138.00	41.98
SMRC-009	180679.	138.00	141.00	11.88
SMRC-009	180682.	141.00	144.00	17.70
SMRC-009	180685.	144.00	147.00	23.72

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-009	180688.	147.00	150.00	24.17
SMRC-009	180691.	150.00	153.00	17.47
SMRC-009	180694.	153.00	156.00	12.46
SMRC-009	180697.	156.00	159.00	11.48
SMRC-009	180700.	159.00	162.00	13.81
SMRC-009	180703.	162.00	165.00	15.43
SMRC-009	180706.	165.00	168.00	25.38
SMRC-009	180709.	168.00	171.00	32.73
SMRC-009	180712.	171.00	174.00	18.41
SMRC-009	180715.	174.00	177.00	16.25
SMRC-009	180718.	177.00	180.00	13.21
SMRC-009	180721.	180.00	183.00	16.82
SMRC-009	180724.	183.00	186.00	12.62
SMRC-009	180727.	186.00	189.00	10.78
SMRC-009	180730.	189.00	192.00	11.48
SMRC-009	180733.	192.00	195.00	12.34
SMRC-009	180736.	195.00	198.00	12.21
SMRC-009	180739.	198.00	201.00	12.21
SMRC-010	180922.	0.00	3.00	5.15
SMRC-010	180925.	3.00	6.00	2.80
SMRC-010	180928.	6.00	9.00	2.40
SMRC-010	180931.	9.00	12.00	3.86
SMRC-010	180934.	12.00	15.00	2.40
SMRC-010	180937.	15.00	18.00	1.82
SMRC-010	180940.	18.00	21.00	2.09
SMRC-010	180943.	21.00	24.00	4.91
SMRC-010	180946.	24.00	27.00	3.47
SMRC-010	180949.	27.00	30.00	2.02
SMRC-010	180952.	30.00	33.00	2.88
SMRC-010	180955.	33.00	36.00	3.26
SMRC-010	180958.	36.00	39.00	3.52
SMRC-010	180961.	39.00	42.00	2.99
SMRC-010	180964.	42.00	45.00	8.40
SMRC-010	180967.	45.00	48.00	29.06
SMRC-010	180970.	48.00	51.00	14.53
SMRC-010	180973.	51.00	54.00	28.38
SMRC-010	180976.	54.00	57.00	14.07
SMRC-010	180979.	57.00	60.00	5.55
SMRC-010	180982.	60.00	63.00	16.33
SMRC-010	180985.	63.00	66.00	9.96
SMRC-010	180988.	66.00	69.00	4.77
SMRC-010	180991.	69.00	72.00	5.14
SMRC-010	180994.	72.00	75.00	3.77
SMRC-010	180997.	75.00	78.00	4.97
SMRC-010	181000.	78.00	81.00	4.59
SMRC-010	181003.	81.00	84.00	3.58
SMRC-010	181006.	84.00	87.00	3.47
SMRC-010	181009.	87.00	90.00	4.80
SMRC-010	181012.	90.00	93.00	11.53

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-010	181015.	93.00	96.00	91.38
SMRC-010	181018.	96.00	99.00	30.46
SMRC-010	181021.	99.00	102.00	41.17
SMRC-010	181024.	102.00	105.00	30.09
SMRC-010	181027.	105.00	108.00	28.38
SMRC-010	181030.	108.00	111.00	26.49
SMRC-010	181033.	111.00	114.00	27.26
SMRC-010	181036.	114.00	117.00	32.32
SMRC-010	181039.	117.00	120.00	36.24
SMRC-010	181042.	120.00	123.00	48.73
SMRC-010	181045.	123.00	126.00	52.93
SMRC-010	181048.	126.00	129.00	57.42
SMRC-010	181051.	129.00	132.00	64.90
SMRC-010	181054.	132.00	135.00	56.46
SMRC-010	181055.	135.00	136.00	48.00
SMRC-010	181056.	136.00	137.00	33.00
SMRC-010	181057.	137.00	138.00	31.00
SMRC-010	181058.	138.00	139.00	30.00
SMRC-010	181059.	139.00	140.00	48.00
SMRC-010	181060.	140.00	141.00	50.00
SMRC-010	181061.	141.00	142.00	53.00
SMRC-010	181062.	142.00	143.00	59.00
SMRC-010	181066.	144.00	147.00	79.77
SMRC-010	181069.	147.00	150.00	66.10
SMRC-010	181072.	150.00	153.00	56.58
SMRC-010	181075.	153.00	156.00	61.43
SMRC-010	181078.	156.00	159.00	55.57
SMRC-010	181081.	159.00	162.00	40.34
SMRC-010	181084.	162.00	165.00	37.42
SMRC-010	181087.	165.00	168.00	34.37
SMRC-012	181093.	0.00	3.00	5.04
SMRC-012	181096.	3.00	6.00	2.81
SMRC-012	181099.	6.00	9.00	1.89
SMRC-012	181102.	9.00	12.00	2.56
SMRC-012	181105.	12.00	15.00	1.67
SMRC-012	181108.	15.00	18.00	1.73
SMRC-012	181111.	18.00	21.00	2.81
SMRC-012	181114.	21.00	24.00	1.93
SMRC-012	181117.	24.00	27.00	3.94
SMRC-012	181120.	27.00	30.00	2.11
SMRC-012	181123.	30.00	33.00	2.47
SMRC-012	181126.	33.00	36.00	2.15
SMRC-012	181129.	36.00	39.00	3.35
SMRC-012	181132.	39.00	42.00	2.94
SMRC-012	181135.	42.00	45.00	3.73
SMRC-012	181138.	45.00	48.00	3.57
SMRC-012	181141.	48.00	51.00	3.51
SMRC-012	181144.	51.00	54.00	1.99
SMRC-012	181147.	54.00	57.00	3.78

NORMANDY TENNANT CREEK PTY LTD
MCC 759 RC DRILLING
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
SMRC-012	181150.	57.00	60.00	2.91
SMRC-012	181153.	60.00	63.00	5.84
SMRC-012	181156.	63.00	66.00	11.08
SMRC-012	181159.	66.00	69.00	3.66
SMRC-012	181162.	69.00	72.00	3.24
SMRC-012	181165.	72.00	75.00	4.75
SMRC-012	181168.	75.00	78.00	7.12
SMRC-012	181171.	78.00	81.00	4.61
SMRC-012	181174.	81.00	84.00	3.27
SMRC-012	181177.	84.00	87.00	6.22
SMRC-012	181180.	87.00	90.00	4.24
SMRC-012	181183.	90.00	93.00	6.80
SMRC-012	181186.	93.00	96.00	27.91
SMRC-012	181189.	96.00	99.00	28.74
SMRC-012	181192.	99.00	102.00	16.32
SMRC-012	181195.	102.00	105.00	28.08
SMRC-012	181198.	105.00	108.00	29.76
SMRC-012	181201.	108.00	111.00	38.38
SMRC-012	181204.	111.00	114.00	46.16
SMRC-012	181207.	114.00	117.00	40.60
SMRC-012	181210.	117.00	120.00	54.51
SMRC-012	181213.	120.00	123.00	127.77
SMRC-012	181216.	123.00	126.00	85.84
SMRC-012	181219.	126.00	129.00	51.34
SMRC-012	181222.	129.00	132.00	44.75
SMRC-012	181225.	132.00	135.00	58.77
SMRC-012	181228.	135.00	138.00	36.63
SMRC-012	181231.	138.00	141.00	62.17
SMRC-012	181234.	141.00	144.00	16.95
SMRC-012	181237.	144.00	147.00	20.35
SMRC-012	181240.	147.00	150.00	24.43
SMRC-012	181243.	150.00	153.00	25.32
SMRC-012	181246.	153.00	156.00	25.36
SMRC-012	181249.	156.00	159.00	16.91
SMRC-012	181252.	159.00	162.00	10.42
SMRC-012	181255.	162.00	165.00	7.96
SMRC-012	181258.	165.00	168.00	7.96
SMRC-012	181261.	168.00	171.00	8.05
SMRC-012	181264.	171.00	174.00	8.52
SMRC-012	181267.	174.00	177.00	8.92
SMRC-012	181270.	177.00	180.00	8.86

APPENDIX TWO

RC DRILLING AT MCCs 791-792 MARSANNE

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Drill Hole Collar Information

BHID	Easting (AMG)	Northing (AMG)	RL (m)	Total Depth (m)
MSRC-001	380865.6	7846075.0	1316.69	247.00
MSRC-002	380773.1	7846135.0	1316.10	250.00
MSRC-003	380612.3	7846040.5	1316.05	250.00

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Downhole Survey Information

BHID	Survey Depth (m)	Azimuth (Degrees)	Dip of Hole (Degrees)
MSRC-001	0.00	356.00	-70.0
MSRC-001	3.00	356.90	-68.5
MSRC-001	10.00	0.77	-68.6
MSRC-001	20.00	2.68	-67.8
MSRC-001	30.00	4.17	-66.9
MSRC-001	40.00	6.80	-64.7
MSRC-001	50.00	6.35	-63.3
MSRC-001	60.00	3.88	-63.1
MSRC-001	70.00	5.47	-63.3
MSRC-001	80.00	6.21	-63.0
MSRC-001	90.00	9.52	-62.9
MSRC-001	100.00	11.10	-61.9
MSRC-001	110.00	13.07	-60.4
MSRC-001	120.00	12.16	-60.6
MSRC-001	130.00	10.54	-59.5
MSRC-001	140.00	13.58	-58.8
MSRC-001	150.00	13.13	-58.3
MSRC-001	160.00	14.68	-57.7
MSRC-001	170.00	16.36	-56.6
MSRC-001	180.00	18.35	-56.1
MSRC-001	190.00	18.65	-55.2
MSRC-001	200.00	17.98	-54.4
MSRC-001	210.00	18.93	-53.5
MSRC-001	220.00	16.36	-52.1
MSRC-001	230.00	16.11	-50.3
MSRC-001	247.00	21.00	-50.0
MSRC-002	0.00	356.00	-70.0
MSRC-002	10.00	358.07	-71.9
MSRC-002	20.00	356.59	-71.2
MSRC-002	30.00	0.75	-70.9
MSRC-002	40.00	2.07	-70.4
MSRC-002	50.00	5.53	-69.9
MSRC-002	60.00	5.85	-69.8
MSRC-002	70.00	6.25	-68.3
MSRC-002	80.00	9.21	-68.0
MSRC-002	90.00	9.21	-66.9
MSRC-002	100.00	10.00	-66.2
MSRC-002	110.00	11.00	-65.9
MSRC-002	120.00	11.00	-66.0
MSRC-002	130.00	11.00	-64.3
MSRC-002	140.00	12.00	-63.7
MSRC-002	150.00	12.00	-63.2
MSRC-002	160.00	12.00	-62.7
MSRC-002	170.00	13.00	-62.9
MSRC-002	180.00	13.00	-61.8
MSRC-002	190.00	13.00	-61.0
MSRC-002	200.00	14.00	-59.8
MSRC-002	210.00	14.00	-59.9
MSRC-002	220.00	14.00	-59.8
MSRC-002	230.00	15.10	-57.1

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Downhole Survey Information

BHID	Survey Depth (m)	Azimuth (Degrees)	Dip of Hole (Degrees)
MSRC-002	240.00	14.95	-55.2
MSRC-002	250.00	14.80	-53.5
MSRC-003	0.00	356.00	-70.0
MSRC-003	3.00	0.69	-70.1
MSRC-003	10.00	0.41	-69.8
MSRC-003	20.00	1.85	-70.1
MSRC-003	30.00	3.79	-70.5
MSRC-003	40.00	4.21	-70.5
MSRC-003	50.00	5.35	-70.7
MSRC-003	60.00	5.55	-69.6
MSRC-003	70.00	5.65	-68.6
MSRC-003	80.00	5.96	-66.2
MSRC-003	90.00	5.19	-65.0
MSRC-003	100.00	5.38	-63.8
MSRC-003	110.00	5.85	-62.5
MSRC-003	120.00	5.27	-61.0
MSRC-003	130.00	7.11	-59.4
MSRC-003	140.00	8.14	-58.8
MSRC-003	150.00	10.27	-58.3
MSRC-003	160.00	12.76	-58.5
MSRC-003	170.00	15.12	-57.5
MSRC-003	180.00	16.96	-56.8
MSRC-003	190.00	20.68	-55.6
MSRC-003	200.00	22.17	-54.0
MSRC-003	210.00	24.15	-53.2
MSRC-003	220.00	27.21	-51.6
MSRC-003	230.00	29.14	-49.3
MSRC-003	240.00	28.37	-46.8
MSRC-003	250.00	315.44	-46.8

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Downhole Lithology

BHID	FROM (m)	TO (m)	LITHOLOGY CODE
MSRC-001	0.00	1.00	cover
MSRC-001	1.00	13.00	QP
MSRC-001	13.00	16.00	QP/cl
MSRC-001	16.00	18.00	Q
MSRC-001	18.00	31.00	QP
MSRC-001	31.00	55.00	SL/cl
MSRC-001	55.00	82.00	SL
MSRC-001	82.00	82.50	BOCO
MSRC-001	82.50	104.00	SL/qV
MSRC-001	104.00	113.00	SL/cpycp
MSRC-001	113.00	129.00	SL/q
MSRC-001	129.00	132.00	SL/qV
MSRC-001	132.00	140.00	SL
MSRC-001	140.00	149.00	SL/qVpy
MSRC-001	149.00	151.00	SL
MSRC-001	151.00	156.00	SL/py
MSRC-001	156.00	178.00	SL
MSRC-001	178.00	185.00	SL/qVpy
MSRC-001	185.00	195.00	SL
MSRC-001	195.00	209.00	SL/m
MSRC-001	209.00	225.00	SL
MSRC-001	225.00	230.00	SL/qV
MSRC-001	230.00	247.00	SL
MSRC-002	0.00	2.00	cover
MSRC-002	2.00	19.00	SL/cl
MSRC-002	19.00	35.00	SL
MSRC-002	35.00	40.00	SL/qV
MSRC-002	40.00	44.00	SL
MSRC-002	44.00	46.00	SL/qV
MSRC-002	46.00	50.00	SL
MSRC-002	50.00	54.00	SL/qV
MSRC-002	54.00	60.00	SL
MSRC-002	60.00	60.50	BOCO
MSRC-002	60.50	62.00	SL
MSRC-002	62.00	63.00	SL/ml
MSRC-002	63.00	91.00	SL
MSRC-002	91.00	109.00	SL/qV
MSRC-002	109.00	121.00	SL
MSRC-002	121.00	123.00	SL/qVpy
MSRC-002	123.00	128.00	SL
MSRC-002	128.00	130.00	SL/qVpy
MSRC-002	130.00	137.00	SLM/qV
MSRC-002	137.00	150.00	SL
MSRC-002	150.00	170.00	SLM/qV
MSRC-002	170.00	180.00	SL
MSRC-002	180.00	181.00	SL/py
MSRC-002	181.00	194.00	SL/mpy
MSRC-002	194.00	207.00	SL/mqV
MSRC-002	207.00	222.00	SL/mpy
MSRC-002	222.00	240.00	SL

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Downhole Lithology

BHID	FROM (m)	TO (m)	LITHOLOGY CODE
MSRC-002	240.00	242.00	SL/py
MSRC-002	242.00	250.00	SL
MSRC-003	0.00	1.00	cover
MSRC-003	1.00	16.00	SL/cl
MSRC-003	16.00	64.00	SL
MSRC-003	64.00	91.00	SL
MSRC-003	91.00	91.50	BOCO
MSRC-003	91.50	104.00	SL
MSRC-003	104.00	106.00	SL/qV
MSRC-003	106.00	163.00	SL
MSRC-003	163.00	171.00	SL/cp
MSRC-003	171.00	190.00	SL
MSRC-003	190.00	195.00	SL/qVpy
MSRC-003	195.00	232.00	SL
MSRC-003	232.00	234.00	SL/qjV
MSRC-003	234.00	245.00	SL
MSRC-003	245.00	250.00	SL/qV

LITHOLOGICAL LEGEND FOR TENNANT CREEK

ROCK TYPE / MINERALOGY / STRUCTURE , ALTERATION AND TEXTURE

ROCK TYPE

AGL	- ARGILLITE
AMP	- AMPHIBOLITE
AS	- ALTERED SEDIMENTS
BIF	- BANDED IRON FORMATION
CA	- CALCRETE
CG	- CONGLOMERATE
CHT	- CHERT
CL	- CLAY
CO	- COLLUVIUM
CRB	- CARBONATES
D	- DOLOMITE ROCK
DOL	- DOLERITE
EX	- EXCARBONATE
FER	- FERRICRETE
GR	- GRANITE
GW	- GREYWACKE
H	- HAEMATITE ROCK
DAC	**-DACITE**
HSH	- HAEMATITE SHALE
HSL	- HAEMATITE SILTSTONE
LAMP	- LAMPROPHYRE
M	- MAGNETITE ROCK
PEG	- PEGMATITE
QFP	- QUARTZ-FELDSPAR PORPHYRY
QP	- QUARTZ PORPHYRY
QZT	- QUARTZITE
SBX	- SEDIMENTARY BRECCIA
SC	- SILICIC CAPROCK
SERP	- SERPENTINITE
SH	- SHALE
SIL	- SILCRETE
SL	- SILTSTONE
SS	- SANDSTONE
ST	- SCHIST
TF	- TUFF
NOCORE	- NO CORE
RS	**-RED SAND**

MINERALOGY

a	- amphibole
act	- actinolite
Au	- gold
bi	- bismuthinite
bn	- bornite
bt	- biotite
c	- chlorite
Carb	- carbonate (undifferentiated)
cc,ct	- chalcocite
cp	- chalcopyrite
Ct	- cuprite
Cu	- native copper
cv	- covellite
d,dl	- dolomite
ep	- epidote
gn,gl	- galena
h	- haematite
j	- jasper
k	- kaolin
li	- limonite
m	- magnetite
ml	- malachite
mv	- muscovite
po	- pyrrhotite
py	- pyrite
Q,q	- quartz
s	- sericite
sl	- sphalerite
sp	- specularite
T,t	- talc
tm	- tourmaline
tr	- tremolite

STRUCTURE , ALTERATION AND TEXTURE

B,bl	- bleaching
b	- blebs
Bd	- bedding
BOCO	- base of complete oxidation
Bx	- breccia
cl	- clay
Ds,ds	- disseminated
F	- fault
Fol	- foliated
Fz	- fracture zone
Lm	- laminated
Si	- silicification
Sz	- shear zone
V	- vein (prefix mineral eg qV)
\	- interbedded
*,)	- stringer mineral
>	- denotes dominant lithology
-	- grading (eg GW-SL)

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	Pb ppm
		Detection Limit :		0.02	1	2	1
MSRC-001	979101.	0.00	3.00	0.02	21.61	14.20	3.42
MSRC-001	979102.	3.00	6.00	0.02	35.71	TR	2.79
MSRC-001	979103.	6.00	9.00	0.02	70.47	15.11	4.92
MSRC-001	979104.	9.00	12.00	0.02	133.22	TR	4.37
MSRC-001	979105.	12.00	15.00	0.02	83.49	TR	TR
MSRC-001	979106.	15.00	18.00	0.02	158.66	7.07	TR
MSRC-001	979107.	18.00	21.00	0.02	60.67	TR	TR
MSRC-001	979108.	21.00	24.00	0.02	65.28	16.46	3.36
MSRC-001	979109.	24.00	27.00	0.02	88.00	12.00	TR
MSRC-001	979110.	27.00	30.00	0.02	104.80	TR	TR
MSRC-001	979111.	30.00	33.00	0.02	32.34	7.45	2.10
MSRC-001	979112.	33.00	36.00	0.02	13.67	TR	TR
MSRC-001	979113.	36.00	39.00	0.02	77.23	10.92	TR
MSRC-001	979115.	39.00	42.00	0.02	125.63	TR	TR
MSRC-001	979116.	42.00	45.00	0.02	120.56	TR	TR
MSRC-001	979117.	45.00	48.00	0.02	67.94	12.86	TR
MSRC-001	979118.	48.00	51.00	0.02	78.40	4.89	2.96
MSRC-001	979119.	51.00	54.00	0.02	74.54	13.00	4.00
MSRC-001	979120.	54.00	57.00	0.02	149.61	TR	2.96
MSRC-001	979121.	57.00	60.00	0.02	15.47	15.46	3.80
MSRC-001	979123.	60.00	63.00	0.02	4.34	TR	4.98
MSRC-001	979124.	63.00	66.00	0.02	41.41	TR	3.39
MSRC-001	979125.	66.00	69.00	0.02	21.32	3.22	3.40
MSRC-001	979126.	69.00	72.00	0.02	58.93	5.20	1.16
MSRC-001	979127.	72.00	75.00	0.02	29.08	TR	5.46
MSRC-001	979128.	75.00	78.00	0.02	39.57	13.32	2.36
MSRC-001	979129.	78.00	81.00	0.02	26.05	13.78	4.45
MSRC-001	979131.	81.00	84.00	0.02	10.81	14.96	10.06
MSRC-001	979132.	84.00	87.00	0.02	6.67	15.39	3.93
MSRC-001	979133.	87.00	90.00	0.02	38.35	TR	4.17
MSRC-001	979134.	90.00	93.00	0.02	25.25	5.06	11.97
MSRC-001	979135.	93.00	96.00	0.02	3.59	7.21	17.25
MSRC-001	979136.	96.00	99.00	0.02	13.46	18.48	7.41
MSRC-001	979137.	99.00	102.00	0.02	77.83	16.21	5.64
MSRC-001	979138.	102.00	105.00	0.02	380.31	38.74	5.93
MSRC-001	979139.	105.00	108.00	0.02	71.74	25.18	13.42
MSRC-001	979140.	108.00	111.00	0.02	231.16	48.04	12.64
MSRC-001	979141.	111.00	114.00	0.02	237.07	37.07	7.43
MSRC-001	979142.	114.00	117.00	0.02	7.13	11.59	TR
MSRC-001	979143.	117.00	120.00	0.02	4.13	12.68	1.34
MSRC-001	979146.	120.00	123.00	0.02	8.80	24.90	3.62
MSRC-001	979147.	123.00	126.00	0.02	7.87	6.36	7.80
MSRC-001	979148.	126.00	129.00	0.02	4.46	22.68	7.14
MSRC-001	979149.	129.00	132.00	0.02	13.06	27.92	3.71
MSRC-001	979150.	132.00	135.00	0.02	13.62	19.36	3.65
MSRC-001	979151.	135.00	138.00	0.02	10.36	32.13	1.52
MSRC-001	979152.	138.00	141.00	0.02	52.55	TR	11.05
MSRC-001	979153.	141.00	144.00	0.02	26.00	4.59	8.00
MSRC-001	979154.	144.00	147.00	0.02	11.47	16.07	4.50

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	Pb ppm
		Detection Limit :		0.02	1	2	1
MSRC-001	979155.	147.00	150.00	0.02	47.95	23.84	1.22
MSRC-001	979156.	150.00	153.00	0.02	61.26	11.12	20.17
MSRC-001	979157.	153.00	156.00	0.02	27.98	TR	12.86
MSRC-001	979158.	156.00	159.00	0.02	6.07	10.50	6.93
MSRC-001	979160.	159.00	162.00	0.02	4.04	7.53	6.90
MSRC-001	979161.	162.00	165.00	0.02	2.20	16.63	13.46
MSRC-001	979162.	165.00	168.00	0.02	TR	14.05	5.26
MSRC-001	979163.	168.00	171.00	0.02	1.15	9.45	2.52
MSRC-001	979164.	171.00	174.00	0.02	1.95	14.18	TR
MSRC-001	979165.	174.00	177.00	0.02	1.13	14.04	1.77
MSRC-001	979166.	177.00	180.00	0.02	15.15	20.74	3.46
MSRC-001	979168.	180.00	183.00	0.02	30.44	3.50	4.59
MSRC-001	979169.	183.00	186.00	0.02	8.48	15.01	3.15
MSRC-001	979170.	186.00	189.00	0.02	35.23	35.55	6.73
MSRC-001	979171.	189.00	192.00	0.02	6.92	15.39	7.93
MSRC-001	979172.	192.00	195.00	0.02	12.10	7.97	8.85
MSRC-001	979173.	195.00	198.00	0.02	9.72	26.00	5.00
MSRC-001	979174.	198.00	201.00	0.02	1.65	11.12	3.29
MSRC-001	979176.	201.00	204.00	0.02	2.24	2.72	7.83
MSRC-001	979177.	204.00	207.00	0.02	2.45	2.85	6.36
MSRC-001	979178.	207.00	210.00	0.02	5.48	6.75	2.29
MSRC-001	979179.	210.00	213.00	0.02	7.79	14.38	3.89
MSRC-001	979180.	213.00	216.00	0.02	12.63	13.86	3.21
MSRC-001	979181.	216.00	219.00	0.02	12.69	15.04	6.02
MSRC-001	979182.	219.00	222.00	0.02	58.20	32.55	6.74
MSRC-001	979184.	222.00	225.00	0.02	63.90	24.89	6.46
MSRC-001	979185.	225.00	228.00	0.02	81.47	TR	8.47
MSRC-001	979186.	228.00	231.00	0.02	92.98	3.22	3.25
MSRC-001	979187.	231.00	234.00	0.02	29.81	24.00	7.09
MSRC-001	979188.	234.00	237.00	0.02	3.28	11.54	TR
MSRC-001	979189.	237.00	240.00	0.02	7.15	3.00	2.63
MSRC-001	979190.	240.00	243.00	0.02	2.38	TR	5.32
MSRC-001	979192.	243.00	247.00	0.02	16.36	11.32	TR
MSRC-002	979358.	192.00	195.00	TR	102.57	13.00	TR
MSRC-002	979359.	195.00	198.00	TR	81.76	4.61	TR
MSRC-002	979360.	198.00	201.00	TR	48.04	11.50	TR
MSRC-002	979361.	201.00	204.00	TR	10.98	5.82	TR
MSRC-002	979362.	204.00	207.00	TR	1.36	36.02	1.65
MSRC-002	979363.	207.00	210.00	TR	13.12	36.54	TR
MSRC-002	979364.	210.00	213.00	TR	49.29	16.70	2.25
MSRC-002	979365.	213.00	216.00	TR	9.35	7.94	TR
MSRC-002	979366.	216.00	219.00	0.02	1.66	17.14	3.72
MSRC-002	979367.	219.00	222.00	TR	17.55	9.60	1.92
MSRC-002	979368.	222.00	225.00	TR	3.30	13.06	TR
MSRC-002	979369.	225.00	228.00	TR	4.58	14.93	TR
MSRC-002	979370.	228.00	231.00	TR	TR	6.77	TR
MSRC-002	979193.	0.00	3.00	TR	11.05	TR	TR
MSRC-002	979194.	3.00	6.00	TR	12.92	TR	TR
MSRC-002	979195.	6.00	9.00	TR	19.50	3.14	TR

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	Pb ppm
		Detection Limit :		0.02	1	2	1
MSRC-002	979196.	9.00	12.00	TR	41.42	9.58	1.35
MSRC-002	979197.	12.00	15.00	TR	43.79	TR	TR
MSRC-002	979198.	15.00	18.00	TR	27.64	12.63	TR
MSRC-002	979199.	18.00	21.00	0.02	81.25	TR	TR
MSRC-002	979200.	21.00	24.00	TR	47.64	TR	1.97
MSRC-002	979201.	24.00	27.00	TR	46.93	TR	TR
MSRC-002	979202.	27.00	30.00	TR	59.23	TR	TR
MSRC-002	979203.	30.00	33.00	TR	112.10	3.73	TR
MSRC-002	979204.	33.00	36.00	TR	155.97	15.26	TR
MSRC-002	979205.	36.00	39.00	TR	107.00	TR	TR
MSRC-002	979207.	39.00	42.00	0.02	139.41	5.56	TR
MSRC-002	979208.	42.00	45.00	TR	103.90	TR	TR
MSRC-002	979209.	45.00	48.00	0.02	129.70	18.90	TR
MSRC-002	979210.	48.00	51.00	0.02	395.32	34.11	TR
MSRC-002	979211.	51.00	54.00	TR	322.96	23.00	TR
MSRC-002	979212.	54.00	57.00	TR	255.93	20.64	TR
MSRC-002	979214.	57.00	60.00	TR	885.52	46.55	TR
MSRC-002	979215.	60.00	63.00	TR	3124.84	30.94	TR
MSRC-002	979216.	63.00	66.00	0.02	2479.45	27.89	TR
MSRC-002	979217.	66.00	69.00	0.02	1464.42	43.77	TR
MSRC-002	979218.	69.00	72.00	TR	554.59	56.50	TR
MSRC-002	979219.	72.00	75.00	TR	150.06	15.57	TR
MSRC-002	979220.	75.00	78.00	TR	22.78	37.74	TR
MSRC-002	979222.	78.00	81.00	TR	5.99	7.68	TR
MSRC-002	979223.	81.00	84.00	TR	22.87	33.72	TR
MSRC-002	979224.	84.00	87.00	0.02	105.68	36.19	TR
MSRC-002	979225.	87.00	90.00	TR	23.81	14.31	TR
MSRC-002	979226.	90.00	93.00	TR	24.12	36.07	TR
MSRC-002	979227.	93.00	96.00	TR	16.58	20.90	TR
MSRC-002	979228.	96.00	99.00	TR	3.18	18.46	TR
MSRC-002	979229.	99.00	102.00	TR	9.74	26.99	TR
MSRC-002	979230.	102.00	105.00	TR	29.78	21.79	TR
MSRC-002	979231.	105.00	108.00	TR	8.89	9.65	TR
MSRC-002	979232.	108.00	111.00	TR	128.79	24.70	TR
MSRC-002	979233.	111.00	114.00	TR	58.14	27.22	TR
MSRC-002	979234.	114.00	117.00	TR	4.66	38.43	TR
MSRC-002	979237.	117.00	120.00	TR	436.63	42.58	TR
MSRC-002	979238.	120.00	123.00	0.02	47.70	54.39	TR
MSRC-002	979239.	123.00	126.00	0.02	30.98	31.12	TR
MSRC-002	979240.	126.00	129.00	TR	29.75	51.56	1.91
MSRC-002	979241.	129.00	132.00	TR	29.14	52.06	TR
MSRC-002	979242.	132.00	135.00	0.02	56.99	75.10	TR
MSRC-002	979243.	135.00	138.00	TR	44.83	69.77	TR
MSRC-002	979244.	138.00	141.00	TR	30.05	19.35	TR
MSRC-002	979245.	141.00	144.00	TR	37.00	35.00	TR
MSRC-002	979246.	144.00	147.00	TR	16.01	33.94	TR
MSRC-002	979247.	147.00	150.00	TR	80.12	51.49	TR
MSRC-002	979248.	150.00	153.00	TR	330.30	87.63	1.46
MSRC-002	979249.	153.00	156.00	TR	618.08	118.10	2.79

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	Pb ppm
		Detection Limit :		0.02	1	2	1
MSRC-002	979250.	156.00	159.00	TR	88.00	75.97	TR
MSRC-002	979252.	159.00	162.00	TR	29.33	63.72	TR
MSRC-002	979253.	162.00	165.00	TR	21.72	53.98	TR
MSRC-002	979254.	165.00	168.00	TR	75.03	342.30	10.46
MSRC-002	979255.	168.00	171.00	TR	8.27	61.00	TR
MSRC-002	979256.	171.00	174.00	TR	3.34	33.26	TR
MSRC-002	979257.	174.00	177.00	TR	2.44	38.94	TR
MSRC-002	979258.	177.00	180.00	TR	1.29	22.49	1.25
MSRC-002	979259.	180.00	183.00	TR	124.22	32.44	10.51
MSRC-002	979261.	183.00	186.00	0.02	52.17	66.57	1.78
MSRC-002	979262.	186.00	189.00	TR	193.91	72.75	10.65
MSRC-002	979263.	189.00	192.00	0.02	47.95	41.55	8.43
MSRC-002	979264.	192.00	195.00	TR	172.81	69.40	2.96
MSRC-002	979265.	195.00	198.00	TR	4.00	21.00	TR
MSRC-002	979266.	198.00	201.00	TR	11.10	36.80	TR
MSRC-002	979267.	201.00	204.00	TR	TR	63.28	TR
MSRC-002	979269.	204.00	207.00	TR	3.71	29.41	TR
MSRC-002	979270.	207.00	210.00	TR	6.41	53.02	TR
MSRC-002	979271.	210.00	213.00	TR	16.46	28.54	TR
MSRC-002	979272.	213.00	216.00	0.02	18.16	32.84	TR
MSRC-002	979273.	216.00	219.00	0.02	55.75	48.96	TR
MSRC-002	979274.	219.00	222.00	TR	21.09	38.90	TR
MSRC-002	979275.	222.00	225.00	TR	10.85	59.32	TR
MSRC-002	979276.	225.00	228.00	TR	TR	8.75	TR
MSRC-002	979277.	228.00	231.00	TR	TR	16.51	TR
MSRC-002	979278.	231.00	234.00	TR	TR	TR	TR
MSRC-002	979279.	234.00	237.00	TR	10.80	TR	TR
MSRC-002	979280.	237.00	240.00	TR	12.91	22.91	TR
MSRC-002	979283.	240.00	243.00	TR	10.37	TR	TR
MSRC-002	979284.	243.00	246.00	TR	4.69	16.28	TR
MSRC-002	979285.	246.00	250.00	TR	22.55	7.46	TR
MSRC-003	979286.	0.00	3.00	TR	14.90	17.48	3.55
MSRC-003	979287.	3.00	6.00	0.02	7.07	25.03	1.04
MSRC-003	979288.	6.00	9.00	TR	8.48	TR	TR
MSRC-003	979289.	9.00	12.00	0.02	10.83	7.70	TR
MSRC-003	979290.	12.00	15.00	0.02	15.52	8.39	TR
MSRC-003	979291.	15.00	18.00	TR	8.84	7.90	TR
MSRC-003	979292.	18.00	21.00	TR	19.15	TR	TR
MSRC-003	979293.	21.00	24.00	TR	12.61	TR	TR
MSRC-003	979294.	24.00	27.00	TR	10.59	TR	TR
MSRC-003	979295.	27.00	30.00	TR	14.86	4.63	TR
MSRC-003	979297.	30.00	33.00	TR	14.68	15.07	TR
MSRC-003	979298.	33.00	36.00	TR	27.51	TR	TR
MSRC-003	979299.	36.00	39.00	TR	24.55	19.25	TR
MSRC-003	979300.	39.00	42.00	0.02	34.39	TR	TR
MSRC-003	979301.	42.00	45.00	TR	38.74	5.27	TR
MSRC-003	979302.	45.00	48.00	TR	29.59	TR	TR
MSRC-003	979303.	48.00	51.00	0.02	88.45	2.53	TR
MSRC-003	979305.	51.00	54.00	TR	89.41	3.69	TR

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	Pb ppm
		Detection Limit :		0.02	1	2	1
MSRC-003	979306.	54.00	57.00	TR	60.55	11.70	TR
MSRC-003	979307.	57.00	60.00	TR	68.21	TR	TR
MSRC-003	979308.	60.00	63.00	TR	112.09	TR	TR
MSRC-003	979309.	63.00	66.00	TR	137.91	TR	TR
MSRC-003	979310.	66.00	69.00	TR	172.84	4.26	TR
MSRC-003	979311.	69.00	72.00	TR	145.97	TR	TR
MSRC-003	979313.	72.00	75.00	TR	87.05	TR	TR
MSRC-003	979314.	75.00	78.00	TR	41.29	TR	TR
MSRC-003	979315.	78.00	81.00	TR	4.23	9.02	TR
MSRC-003	979316.	81.00	84.00	TR	5.39	5.35	TR
MSRC-003	979317.	84.00	87.00	TR	3.74	10.89	TR
MSRC-003	979318.	87.00	90.00	TR	11.04	20.50	TR
MSRC-003	979319.	90.00	93.00	TR	TR	7.40	TR
MSRC-003	979320.	93.00	96.00	TR	6.53	15.72	TR
MSRC-003	979321.	96.00	99.00	TR	TR	11.26	TR
MSRC-003	979322.	99.00	102.00	TR	TR	9.67	TR
MSRC-003	979323.	102.00	105.00	TR	TR	21.33	TR
MSRC-003	979324.	105.00	108.00	TR	TR	14.99	TR
MSRC-003	979325.	108.00	111.00	TR	TR	23.29	TR
MSRC-003	979328.	111.00	114.00	TR	TR	21.03	TR
MSRC-003	979329.	114.00	117.00	TR	74.51	TR	TR
MSRC-003	979330.	117.00	120.00	TR	22.47	20.03	4.48
MSRC-003	979331.	120.00	123.00	TR	51.05	20.32	TR
MSRC-003	979332.	123.00	126.00	TR	43.92	7.40	TR
MSRC-003	979333.	126.00	129.00	TR	44.60	8.45	TR
MSRC-003	979334.	129.00	132.00	TR	14.50	12.66	TR
MSRC-003	979335.	132.00	135.00	TR	68.61	17.53	1.75
MSRC-003	979336.	135.00	138.00	TR	137.92	15.77	TR
MSRC-003	979337.	138.00	141.00	TR	66.72	23.81	TR
MSRC-003	979338.	141.00	144.00	TR	111.53	28.00	TR
MSRC-003	979339.	144.00	147.00	TR	577.07	21.22	TR
MSRC-003	979340.	147.00	150.00	TR	72.14	47.00	2.48
MSRC-003	979341.	150.00	153.00	TR	913.82	33.94	TR
MSRC-003	979343.	153.00	156.00	TR	442.08	52.07	TR
MSRC-003	979344.	156.00	159.00	TR	36.24	26.99	TR
MSRC-003	979345.	159.00	162.00	0.02	128.85	6.47	TR
MSRC-003	979346.	162.00	165.00	TR	3120.81	36.25	2.02
MSRC-003	979347.	165.00	168.00	TR	911.54	22.04	TR
MSRC-003	979348.	168.00	171.00	TR	3425.20	36.00	TR
MSRC-003	979349.	171.00	174.00	TR	111.76	14.39	1.13
MSRC-003	979350.	174.00	177.00	TR	12.15	4.21	2.18
MSRC-003	979351.	177.00	180.00	TR	10.56	21.88	1.28
MSRC-003	979352.	180.00	183.00	TR	7.27	TR	TR
MSRC-003	979353.	183.00	186.00	TR	TR	2.56	TR
MSRC-003	979354.	186.00	189.00	TR	4.47	15.63	TR
MSRC-003	979355.	189.00	192.00	TR	54.67	34.74	1.51
MSRC-003	979372.	231.00	234.00	TR	13.21	27.61	TR
MSRC-003	979373.	234.00	237.00	TR	6.54	TR	TR
MSRC-003	979374.	237.00	240.00	TR	14.94	17.00	TR

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Au ppm	Cu ppm	Bi ppm	Pb ppm
		Detection Limit :		0.02	1	2	1
MSRC-003	979375.	240.00	243.00	0.02	28.39	3.18	TR
MSRC-003	979376.	243.00	246.00	TR	26.59	4.64	1.21
MSRC-003	979377.	246.00	250.00	TR	15.21	17.93	TR

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Zn ppm	As ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
MSRC-001	979101.	0.00	3.00	2.35	7.13	6.30	92.44
MSRC-001	979102.	3.00	6.00	TR	5.49	3.38	55.61
MSRC-001	979103.	6.00	9.00	3.19	3.65	2.62	61.58
MSRC-001	979104.	9.00	12.00	2.75	3.01	3.00	67.60
MSRC-001	979105.	12.00	15.00	TR	5.70	1.76	42.72
MSRC-001	979106.	15.00	18.00	4.43	TR	2.53	81.16
MSRC-001	979107.	18.00	21.00	TR	TR	2.91	96.50
MSRC-001	979108.	21.00	24.00	TR	4.96	2.06	95.84
MSRC-001	979109.	24.00	27.00	TR	5.00	2.36	68.34
MSRC-001	979110.	27.00	30.00	1.22	37.93	2.30	76.63
MSRC-001	979111.	30.00	33.00	TR	1.83	2.60	88.68
MSRC-001	979112.	33.00	36.00	TR	6.25	2.47	111.46
MSRC-001	979113.	36.00	39.00	4.93	12.78	4.84	272.67
MSRC-001	979115.	39.00	42.00	12.56	2.45	3.71	325.30
MSRC-001	979116.	42.00	45.00	19.72	TR	3.35	327.19
MSRC-001	979117.	45.00	48.00	14.47	3.21	2.44	374.90
MSRC-001	979118.	48.00	51.00	22.24	TR	2.85	659.61
MSRC-001	979119.	51.00	54.00	58.27	4.00	3.31	848.15
MSRC-001	979120.	54.00	57.00	77.30	7.05	5.49	776.87
MSRC-001	979121.	57.00	60.00	35.24	TR	3.91	361.41
MSRC-001	979123.	60.00	63.00	31.37	6.60	3.64	356.02
MSRC-001	979124.	63.00	66.00	31.97	5.36	3.19	447.30
MSRC-001	979125.	66.00	69.00	17.79	6.08	2.44	297.01
MSRC-001	979126.	69.00	72.00	40.45	9.84	2.95	391.03
MSRC-001	979127.	72.00	75.00	35.13	1.89	2.30	389.24
MSRC-001	979128.	75.00	78.00	40.96	TR	3.30	477.41
MSRC-001	979129.	78.00	81.00	23.85	TR	3.09	407.51
MSRC-001	979131.	81.00	84.00	20.32	1.26	2.04	394.00
MSRC-001	979132.	84.00	87.00	23.95	6.42	2.49	429.30
MSRC-001	979133.	87.00	90.00	20.70	3.76	2.79	310.75
MSRC-001	979134.	90.00	93.00	18.13	8.00	2.37	286.62
MSRC-001	979135.	93.00	96.00	17.32	5.94	1.99	259.44
MSRC-001	979136.	96.00	99.00	14.30	TR	1.52	187.04
MSRC-001	979137.	99.00	102.00	17.00	TR	1.79	227.25
MSRC-001	979138.	102.00	105.00	87.60	8.46	5.89	1123.29
MSRC-001	979139.	105.00	108.00	173.92	11.94	10.71	2418.52
MSRC-001	979140.	108.00	111.00	228.61	9.31	14.30	3423.56
MSRC-001	979141.	111.00	114.00	136.35	28.40	12.66	2223.59
MSRC-001	979142.	114.00	117.00	42.12	TR	4.30	717.54
MSRC-001	979143.	117.00	120.00	36.88	4.64	4.34	639.36
MSRC-001	979146.	120.00	123.00	28.55	5.49	4.39	509.53
MSRC-001	979147.	123.00	126.00	22.22	1.42	3.56	431.35
MSRC-001	979148.	126.00	129.00	19.12	4.78	3.13	384.33
MSRC-001	979149.	129.00	132.00	32.68	TR	4.75	647.81
MSRC-001	979150.	132.00	135.00	31.36	2.55	5.01	629.83
MSRC-001	979151.	135.00	138.00	49.38	1.43	6.92	968.74
MSRC-001	979152.	138.00	141.00	43.62	TR	6.09	804.74
MSRC-001	979153.	141.00	144.00	24.00	6.00	3.76	465.00
MSRC-001	979154.	144.00	147.00	19.21	4.51	3.38	319.98

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Zn ppm	As ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
MSRC-001	979155.	147.00	150.00	36.71	TR	6.18	779.00
MSRC-001	979156.	150.00	153.00	26.31	1.72	4.92	519.82
MSRC-001	979157.	153.00	156.00	19.88	4.22	3.53	337.88
MSRC-001	979158.	156.00	159.00	14.21	7.02	2.51	281.08
MSRC-001	979160.	159.00	162.00	20.87	1.25	2.99	365.33
MSRC-001	979161.	162.00	165.00	19.46	9.68	2.18	322.72
MSRC-001	979162.	165.00	168.00	23.95	3.17	2.47	371.22
MSRC-001	979163.	168.00	171.00	22.29	3.00	2.04	322.00
MSRC-001	979164.	171.00	174.00	20.07	7.90	1.99	328.41
MSRC-001	979165.	174.00	177.00	46.13	1.42	4.92	808.67
MSRC-001	979166.	177.00	180.00	41.41	TR	5.36	788.32
MSRC-001	979168.	180.00	183.00	37.59	2.85	4.93	667.58
MSRC-001	979169.	183.00	186.00	27.08	4.33	3.01	493.39
MSRC-001	979170.	186.00	189.00	49.98	TR	4.08	614.84
MSRC-001	979171.	189.00	192.00	21.65	2.41	2.78	427.30
MSRC-001	979172.	192.00	195.00	27.16	TR	3.76	517.89
MSRC-001	979173.	195.00	198.00	30.48	4.00	5.43	609.42
MSRC-001	979174.	198.00	201.00	15.32	TR	2.24	333.60
MSRC-001	979176.	201.00	204.00	21.52	9.55	3.16	421.28
MSRC-001	979177.	204.00	207.00	26.31	TR	3.41	458.23
MSRC-001	979178.	207.00	210.00	23.35	5.55	3.07	406.54
MSRC-001	979179.	210.00	213.00	27.86	5.55	3.31	403.66
MSRC-001	979180.	213.00	216.00	28.19	TR	3.32	484.82
MSRC-001	979181.	216.00	219.00	26.36	TR	2.73	361.18
MSRC-001	979182.	219.00	222.00	30.34	4.85	3.34	437.51
MSRC-001	979184.	222.00	225.00	38.55	3.66	3.63	414.24
MSRC-001	979185.	225.00	228.00	30.98	9.52	3.49	431.33
MSRC-001	979186.	228.00	231.00	28.83	TR	3.03	304.45
MSRC-001	979187.	231.00	234.00	21.02	4.57	2.55	252.30
MSRC-001	979188.	234.00	237.00	23.06	6.13	2.59	248.93
MSRC-001	979189.	237.00	240.00	22.11	TR	2.55	270.89
MSRC-001	979190.	240.00	243.00	26.02	TR	2.88	270.21
MSRC-001	979192.	243.00	247.00	29.52	1.93	3.38	318.21
MSRC-002	979358.	192.00	195.00	18.59	TR	4.24	154.84
MSRC-002	979359.	195.00	198.00	25.44	2.30	4.89	200.82
MSRC-002	979360.	198.00	201.00	27.32	TR	4.92	209.25
MSRC-002	979361.	201.00	204.00	16.86	TR	4.15	155.46
MSRC-002	979362.	204.00	207.00	18.60	1.65	4.16	164.82
MSRC-002	979363.	207.00	210.00	22.04	TR	4.00	177.31
MSRC-002	979364.	210.00	213.00	28.90	TR	4.25	217.49
MSRC-002	979365.	213.00	216.00	29.41	TR	3.64	260.62
MSRC-002	979366.	216.00	219.00	25.89	TR	3.53	268.32
MSRC-002	979367.	219.00	222.00	26.12	TR	3.13	294.13
MSRC-002	979368.	222.00	225.00	27.92	TR	3.15	346.71
MSRC-002	979369.	225.00	228.00	30.54	TR	3.38	350.64
MSRC-002	979370.	228.00	231.00	34.89	TR	3.47	387.06
MSRC-002	979193.	0.00	3.00	6.33	14.12	6.31	107.50
MSRC-002	979194.	3.00	6.00	5.03	TR	4.21	35.54
MSRC-002	979195.	6.00	9.00	6.54	TR	3.02	30.28

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Zn ppm	As ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
MSRC-002	979196.	9.00	12.00	20.21	1.22	3.05	47.74
MSRC-002	979197.	12.00	15.00	22.24	TR	2.81	48.23
MSRC-002	979198.	15.00	18.00	19.12	2.67	2.64	53.59
MSRC-002	979199.	18.00	21.00	27.17	TR	2.60	442.91
MSRC-002	979200.	21.00	24.00	24.46	2.07	2.71	695.92
MSRC-002	979201.	24.00	27.00	22.14	TR	2.81	670.15
MSRC-002	979202.	27.00	30.00	22.43	TR	2.79	433.92
MSRC-002	979203.	30.00	33.00	38.76	TR	3.26	624.38
MSRC-002	979204.	33.00	36.00	40.74	1.23	3.15	543.41
MSRC-002	979205.	36.00	39.00	26.37	TR	2.01	542.58
MSRC-002	979207.	39.00	42.00	32.78	TR	2.16	521.93
MSRC-002	979208.	42.00	45.00	34.38	TR	2.60	249.99
MSRC-002	979209.	45.00	48.00	47.20	1.18	3.49	727.92
MSRC-002	979210.	48.00	51.00	123.20	TR	4.72	913.59
MSRC-002	979211.	51.00	54.00	121.59	2.46	5.01	972.68
MSRC-002	979212.	54.00	57.00	55.69	TR	2.51	247.01
MSRC-002	979214.	57.00	60.00	67.32	11.10	4.06	490.44
MSRC-002	979215.	60.00	63.00	33.64	TR	3.24	299.34
MSRC-002	979216.	63.00	66.00	31.21	8.23	3.14	235.07
MSRC-002	979217.	66.00	69.00	44.83	TR	4.11	527.68
MSRC-002	979218.	69.00	72.00	39.00	TR	3.99	344.25
MSRC-002	979219.	72.00	75.00	29.83	8.37	3.64	277.50
MSRC-002	979220.	75.00	78.00	34.17	TR	3.27	261.75
MSRC-002	979222.	78.00	81.00	33.38	TR	2.73	234.32
MSRC-002	979223.	81.00	84.00	36.26	TR	2.85	265.52
MSRC-002	979224.	84.00	87.00	48.75	8.65	3.07	367.86
MSRC-002	979225.	87.00	90.00	52.09	1.40	3.20	407.60
MSRC-002	979226.	90.00	93.00	53.54	4.91	3.21	425.99
MSRC-002	979227.	93.00	96.00	46.05	TR	2.79	388.08
MSRC-002	979228.	96.00	99.00	44.30	TR	2.39	323.85
MSRC-002	979229.	99.00	102.00	50.42	2.49	2.71	359.28
MSRC-002	979230.	102.00	105.00	33.18	TR	2.14	272.97
MSRC-002	979231.	105.00	108.00	28.58	TR	2.14	239.09
MSRC-002	979232.	108.00	111.00	26.09	TR	2.95	255.73
MSRC-002	979233.	111.00	114.00	22.88	TR	3.02	239.16
MSRC-002	979234.	114.00	117.00	31.60	4.17	3.40	379.66
MSRC-002	979237.	117.00	120.00	66.84	TR	9.43	813.38
MSRC-002	979238.	120.00	123.00	54.29	TR	7.23	671.05
MSRC-002	979239.	123.00	126.00	42.44	TR	5.89	522.48
MSRC-002	979240.	126.00	129.00	41.22	TR	5.80	536.39
MSRC-002	979241.	129.00	132.00	51.89	TR	11.36	702.59
MSRC-002	979242.	132.00	135.00	83.32	4.48	16.55	1169.07
MSRC-002	979243.	135.00	138.00	82.47	TR	14.82	1172.89
MSRC-002	979244.	138.00	141.00	27.02	TR	4.85	350.34
MSRC-002	979245.	141.00	144.00	62.19	TR	11.29	912.65
MSRC-002	979246.	144.00	147.00	40.99	TR	8.28	710.56
MSRC-002	979247.	147.00	150.00	40.39	TR	7.47	685.10
MSRC-002	979248.	150.00	153.00	63.05	10.39	21.07	941.82
MSRC-002	979249.	153.00	156.00	61.32	TR	24.57	911.01

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Zn ppm	As ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
MSRC-002	979250.	156.00	159.00	43.39	2.74	29.25	661.65
MSRC-002	979252.	159.00	162.00	62.26	TR	23.14	892.44
MSRC-002	979253.	162.00	165.00	8.17	TR	28.58	136.16
MSRC-002	979254.	165.00	168.00	4.45	TR	27.85	108.26
MSRC-002	979255.	168.00	171.00	32.13	TR	13.58	463.39
MSRC-002	979256.	171.00	174.00	34.83	TR	9.65	488.34
MSRC-002	979257.	174.00	177.00	36.21	TR	7.03	482.73
MSRC-002	979258.	177.00	180.00	39.90	TR	7.10	588.46
MSRC-002	979259.	180.00	183.00	67.54	TR	9.71	1309.12
MSRC-002	979261.	183.00	186.00	22.93	TR	16.61	326.65
MSRC-002	979262.	186.00	189.00	22.27	6.58	18.45	269.08
MSRC-002	979263.	189.00	192.00	61.04	2.34	14.56	706.85
MSRC-002	979264.	192.00	195.00	73.46	TR	10.11	868.45
MSRC-002	979265.	195.00	198.00	37.00	TR	3.75	453.62
MSRC-002	979266.	198.00	201.00	51.91	TR	6.51	675.43
MSRC-002	979267.	201.00	204.00	99.87	TR	10.95	1124.65
MSRC-002	979269.	204.00	207.00	70.43	TR	10.59	802.29
MSRC-002	979270.	207.00	210.00	54.61	TR	22.50	703.37
MSRC-002	979271.	210.00	213.00	47.43	TR	24.78	647.04
MSRC-002	979272.	213.00	216.00	47.22	TR	21.31	621.37
MSRC-002	979273.	216.00	219.00	34.21	TR	30.56	495.72
MSRC-002	979274.	219.00	222.00	45.96	TR	18.58	726.14
MSRC-002	979275.	222.00	225.00	25.64	TR	6.30	367.04
MSRC-002	979276.	225.00	228.00	23.15	TR	4.45	329.63
MSRC-002	979277.	228.00	231.00	23.79	TR	3.65	286.84
MSRC-002	979278.	231.00	234.00	17.85	TR	2.91	208.54
MSRC-002	979279.	234.00	237.00	19.51	1.73	3.13	226.02
MSRC-002	979280.	237.00	240.00	19.53	TR	3.07	220.01
MSRC-002	979283.	240.00	243.00	18.32	TR	3.23	222.11
MSRC-002	979284.	243.00	246.00	19.49	TR	3.10	234.69
MSRC-002	979285.	246.00	250.00	16.44	TR	2.03	198.95
MSRC-003	979286.	0.00	3.00	19.28	6.18	5.75	223.55
MSRC-003	979287.	3.00	6.00	4.35	1.16	3.52	86.69
MSRC-003	979288.	6.00	9.00	11.11	TR	2.61	63.38
MSRC-003	979289.	9.00	12.00	21.24	TR	2.33	35.08
MSRC-003	979290.	12.00	15.00	20.54	TR	2.41	38.95
MSRC-003	979291.	15.00	18.00	5.52	TR	2.54	40.50
MSRC-003	979292.	18.00	21.00	12.15	TR	2.55	31.86
MSRC-003	979293.	21.00	24.00	6.43	TR	2.52	41.96
MSRC-003	979294.	24.00	27.00	2.42	TR	2.53	52.85
MSRC-003	979295.	27.00	30.00	3.61	TR	2.66	118.53
MSRC-003	979297.	30.00	33.00	7.25	3.11	2.73	207.43
MSRC-003	979298.	33.00	36.00	8.45	TR	2.67	624.36
MSRC-003	979299.	36.00	39.00	9.20	TR	2.52	485.07
MSRC-003	979300.	39.00	42.00	10.81	3.77	2.81	506.55
MSRC-003	979301.	42.00	45.00	10.96	TR	2.65	358.75
MSRC-003	979302.	45.00	48.00	7.39	TR	2.36	381.67
MSRC-003	979303.	48.00	51.00	25.85	1.88	4.75	502.77
MSRC-003	979305.	51.00	54.00	25.29	1.31	4.25	358.50

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Zn ppm	As ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
MSRC-003	979306.	54.00	57.00	7.42	TR	2.38	174.87
MSRC-003	979307.	57.00	60.00	12.80	TR	2.53	273.66
MSRC-003	979308.	60.00	63.00	18.25	TR	2.76	317.62
MSRC-003	979309.	63.00	66.00	50.32	TR	2.57	218.11
MSRC-003	979310.	66.00	69.00	39.97	TR	2.70	294.44
MSRC-003	979311.	69.00	72.00	50.71	TR	3.07	291.65
MSRC-003	979313.	72.00	75.00	59.68	TR	3.16	389.11
MSRC-003	979314.	75.00	78.00	80.39	3.00	3.22	351.35
MSRC-003	979315.	78.00	81.00	59.01	TR	3.13	320.61
MSRC-003	979316.	81.00	84.00	46.95	TR	2.96	246.80
MSRC-003	979317.	84.00	87.00	47.24	TR	3.08	243.90
MSRC-003	979318.	87.00	90.00	55.10	TR	3.71	262.50
MSRC-003	979319.	90.00	93.00	43.85	TR	3.40	255.10
MSRC-003	979320.	93.00	96.00	41.09	TR	3.37	223.55
MSRC-003	979321.	96.00	99.00	39.37	TR	3.25	212.47
MSRC-003	979322.	99.00	102.00	40.65	TR	3.29	201.55
MSRC-003	979323.	102.00	105.00	37.98	TR	3.28	208.99
MSRC-003	979324.	105.00	108.00	32.93	6.32	3.56	240.26
MSRC-003	979325.	108.00	111.00	35.70	TR	3.61	248.99
MSRC-003	979328.	111.00	114.00	37.97	3.39	3.65	239.96
MSRC-003	979329.	114.00	117.00	33.80	1.69	3.32	211.99
MSRC-003	979330.	117.00	120.00	29.45	TR	3.19	227.39
MSRC-003	979331.	120.00	123.00	33.59	TR	3.16	247.90
MSRC-003	979332.	123.00	126.00	31.46	TR	3.31	243.17
MSRC-003	979333.	126.00	129.00	31.55	TR	3.24	264.70
MSRC-003	979334.	129.00	132.00	30.36	TR	3.68	273.04
MSRC-003	979335.	132.00	135.00	29.99	TR	3.58	260.62
MSRC-003	979336.	135.00	138.00	24.93	TR	3.41	226.41
MSRC-003	979337.	138.00	141.00	23.01	3.28	2.86	201.25
MSRC-003	979338.	141.00	144.00	17.25	TR	2.96	162.07
MSRC-003	979339.	144.00	147.00	51.11	TR	4.29	407.12
MSRC-003	979340.	147.00	150.00	37.32	1.17	3.75	277.89
MSRC-003	979341.	150.00	153.00	26.40	1.80	2.78	147.67
MSRC-003	979343.	153.00	156.00	26.90	3.32	3.31	179.76
MSRC-003	979344.	156.00	159.00	25.40	TR	3.42	185.13
MSRC-003	979345.	159.00	162.00	23.19	TR	3.81	160.61
MSRC-003	979346.	162.00	165.00	25.13	TR	3.71	173.57
MSRC-003	979347.	165.00	168.00	20.02	TR	3.19	165.22
MSRC-003	979348.	168.00	171.00	19.49	TR	3.75	172.38
MSRC-003	979349.	171.00	174.00	12.82	TR	4.05	134.57
MSRC-003	979350.	174.00	177.00	12.93	TR	4.20	127.16
MSRC-003	979351.	177.00	180.00	17.45	TR	4.62	133.39
MSRC-003	979352.	180.00	183.00	21.41	5.04	4.60	158.82
MSRC-003	979353.	183.00	186.00	19.60	TR	4.48	170.14
MSRC-003	979354.	186.00	189.00	21.40	TR	4.30	155.51
MSRC-003	979355.	189.00	192.00	23.70	2.45	4.56	180.73
MSRC-003	979372.	231.00	234.00	30.10	TR	3.41	374.64
MSRC-003	979373.	234.00	237.00	29.24	TR	3.43	333.61
MSRC-003	979374.	237.00	240.00	31.43	TR	3.64	342.06

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Zn ppm	As ppm	Fe %	Mn ppm
		Detection Limit :		1	1	0.01	5
MSRC-003	979375.	240.00	243.00	29.40	TR	3.82	351.15
MSRC-003	979376.	243.00	246.00	25.50	TR	4.08	277.77
MSRC-003	979377.	246.00	250.00	26.91	TR	4.20	317.79

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
MSRC-001	979101.	0.00	3.00	5.79
MSRC-001	979102.	3.00	6.00	3.05
MSRC-001	979103.	6.00	9.00	2.72
MSRC-001	979104.	9.00	12.00	6.33
MSRC-001	979105.	12.00	15.00	2.81
MSRC-001	979106.	15.00	18.00	4.20
MSRC-001	979107.	18.00	21.00	2.80
MSRC-001	979108.	21.00	24.00	2.65
MSRC-001	979109.	24.00	27.00	3.52
MSRC-001	979110.	27.00	30.00	2.85
MSRC-001	979111.	30.00	33.00	2.84
MSRC-001	979112.	33.00	36.00	2.62
MSRC-001	979113.	36.00	39.00	9.77
MSRC-001	979115.	39.00	42.00	11.31
MSRC-001	979116.	42.00	45.00	19.40
MSRC-001	979117.	45.00	48.00	25.40
MSRC-001	979118.	48.00	51.00	59.65
MSRC-001	979119.	51.00	54.00	66.55
MSRC-001	979120.	54.00	57.00	49.93
MSRC-001	979121.	57.00	60.00	17.03
MSRC-001	979123.	60.00	63.00	14.44
MSRC-001	979124.	63.00	66.00	22.52
MSRC-001	979125.	66.00	69.00	13.21
MSRC-001	979126.	69.00	72.00	14.87
MSRC-001	979127.	72.00	75.00	12.18
MSRC-001	979128.	75.00	78.00	17.25
MSRC-001	979129.	78.00	81.00	13.04
MSRC-001	979131.	81.00	84.00	6.13
MSRC-001	979132.	84.00	87.00	8.36
MSRC-001	979133.	87.00	90.00	8.75
MSRC-001	979134.	90.00	93.00	7.88
MSRC-001	979135.	93.00	96.00	6.37
MSRC-001	979136.	96.00	99.00	5.35
MSRC-001	979137.	99.00	102.00	6.16
MSRC-001	979138.	102.00	105.00	19.45
MSRC-001	979139.	105.00	108.00	52.04
MSRC-001	979140.	108.00	111.00	32.53
MSRC-001	979141.	111.00	114.00	54.15
MSRC-001	979142.	114.00	117.00	13.52
MSRC-001	979143.	117.00	120.00	16.92
MSRC-001	979146.	120.00	123.00	16.88
MSRC-001	979147.	123.00	126.00	15.22
MSRC-001	979148.	126.00	129.00	11.88
MSRC-001	979149.	129.00	132.00	21.83
MSRC-001	979150.	132.00	135.00	21.14
MSRC-001	979151.	135.00	138.00	20.31
MSRC-001	979152.	138.00	141.00	24.48
MSRC-001	979153.	141.00	144.00	14.00
MSRC-001	979154.	144.00	147.00	12.22

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
MSRC-001	979155.	147.00	150.00	36.11
MSRC-001	979156.	150.00	153.00	36.77
MSRC-001	979157.	153.00	156.00	25.94
MSRC-001	979158.	156.00	159.00	14.60
MSRC-001	979160.	159.00	162.00	12.44
MSRC-001	979161.	162.00	165.00	6.31
MSRC-001	979162.	165.00	168.00	8.78
MSRC-001	979163.	168.00	171.00	7.17
MSRC-001	979164.	171.00	174.00	6.40
MSRC-001	979165.	174.00	177.00	14.62
MSRC-001	979166.	177.00	180.00	22.88
MSRC-001	979168.	180.00	183.00	21.13
MSRC-001	979169.	183.00	186.00	11.00
MSRC-001	979170.	186.00	189.00	20.87
MSRC-001	979171.	189.00	192.00	12.90
MSRC-001	979172.	192.00	195.00	13.95
MSRC-001	979173.	195.00	198.00	18.25
MSRC-001	979174.	198.00	201.00	6.95
MSRC-001	979176.	201.00	204.00	9.84
MSRC-001	979177.	204.00	207.00	12.49
MSRC-001	979178.	207.00	210.00	12.70
MSRC-001	979179.	210.00	213.00	13.91
MSRC-001	979180.	213.00	216.00	18.79
MSRC-001	979181.	216.00	219.00	12.11
MSRC-001	979182.	219.00	222.00	19.30
MSRC-001	979184.	222.00	225.00	18.23
MSRC-001	979185.	225.00	228.00	32.36
MSRC-001	979186.	228.00	231.00	20.57
MSRC-001	979187.	231.00	234.00	10.98
MSRC-001	979188.	234.00	237.00	9.83
MSRC-001	979189.	237.00	240.00	10.37
MSRC-001	979190.	240.00	243.00	10.56
MSRC-001	979192.	243.00	247.00	14.70
MSRC-002	979358.	192.00	195.00	91.76
MSRC-002	979359.	195.00	198.00	43.54
MSRC-002	979360.	198.00	201.00	27.63
MSRC-002	979361.	201.00	204.00	12.40
MSRC-002	979362.	204.00	207.00	11.92
MSRC-002	979363.	207.00	210.00	13.11
MSRC-002	979364.	210.00	213.00	13.85
MSRC-002	979365.	213.00	216.00	13.81
MSRC-002	979366.	216.00	219.00	12.43
MSRC-002	979367.	219.00	222.00	12.72
MSRC-002	979368.	222.00	225.00	13.53
MSRC-002	979369.	225.00	228.00	12.03
MSRC-002	979370.	228.00	231.00	13.07
MSRC-002	979193.	0.00	3.00	10.30
MSRC-002	979194.	3.00	6.00	3.27
MSRC-002	979195.	6.00	9.00	2.81

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
MSRC-002	979196.	9.00	12.00	4.66
MSRC-002	979197.	12.00	15.00	3.80
MSRC-002	979198.	15.00	18.00	1.78
MSRC-002	979199.	18.00	21.00	16.16
MSRC-002	979200.	21.00	24.00	22.95
MSRC-002	979201.	24.00	27.00	29.34
MSRC-002	979202.	27.00	30.00	21.90
MSRC-002	979203.	30.00	33.00	30.88
MSRC-002	979204.	33.00	36.00	32.23
MSRC-002	979205.	36.00	39.00	30.21
MSRC-002	979207.	39.00	42.00	18.65
MSRC-002	979208.	42.00	45.00	13.00
MSRC-002	979209.	45.00	48.00	25.37
MSRC-002	979210.	48.00	51.00	33.62
MSRC-002	979211.	51.00	54.00	33.14
MSRC-002	979212.	54.00	57.00	13.26
MSRC-002	979214.	57.00	60.00	34.49
MSRC-002	979215.	60.00	63.00	39.39
MSRC-002	979216.	63.00	66.00	39.95
MSRC-002	979217.	66.00	69.00	33.37
MSRC-002	979218.	69.00	72.00	21.32
MSRC-002	979219.	72.00	75.00	15.83
MSRC-002	979220.	75.00	78.00	13.53
MSRC-002	979222.	78.00	81.00	10.68
MSRC-002	979223.	81.00	84.00	10.34
MSRC-002	979224.	84.00	87.00	12.49
MSRC-002	979225.	87.00	90.00	11.74
MSRC-002	979226.	90.00	93.00	12.02
MSRC-002	979227.	93.00	96.00	10.69
MSRC-002	979228.	96.00	99.00	9.70
MSRC-002	979229.	99.00	102.00	9.85
MSRC-002	979230.	102.00	105.00	8.23
MSRC-002	979231.	105.00	108.00	7.88
MSRC-002	979232.	108.00	111.00	12.60
MSRC-002	979233.	111.00	114.00	12.90
MSRC-002	979234.	114.00	117.00	13.68
MSRC-002	979237.	117.00	120.00	47.24
MSRC-002	979238.	120.00	123.00	37.46
MSRC-002	979239.	123.00	126.00	29.65
MSRC-002	979240.	126.00	129.00	30.00
MSRC-002	979241.	129.00	132.00	31.34
MSRC-002	979242.	132.00	135.00	49.97
MSRC-002	979243.	135.00	138.00	58.27
MSRC-002	979244.	138.00	141.00	24.00
MSRC-002	979245.	141.00	144.00	50.35
MSRC-002	979246.	144.00	147.00	37.25
MSRC-002	979247.	147.00	150.00	36.14
MSRC-002	979248.	150.00	153.00	44.05
MSRC-002	979249.	153.00	156.00	45.47

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
MSRC-002	979250.	156.00	159.00	41.34
MSRC-002	979252.	159.00	162.00	40.82
MSRC-002	979253.	162.00	165.00	17.67
MSRC-002	979254.	165.00	168.00	13.91
MSRC-002	979255.	168.00	171.00	28.61
MSRC-002	979256.	171.00	174.00	30.00
MSRC-002	979257.	174.00	177.00	26.58
MSRC-002	979258.	177.00	180.00	23.34
MSRC-002	979259.	180.00	183.00	47.21
MSRC-002	979261.	183.00	186.00	13.69
MSRC-002	979262.	186.00	189.00	47.40
MSRC-002	979263.	189.00	192.00	22.09
MSRC-002	979264.	192.00	195.00	31.58
MSRC-002	979265.	195.00	198.00	10.11
MSRC-002	979266.	198.00	201.00	36.03
MSRC-002	979267.	201.00	204.00	43.38
MSRC-002	979269.	204.00	207.00	24.68
MSRC-002	979270.	207.00	210.00	24.99
MSRC-002	979271.	210.00	213.00	23.24
MSRC-002	979272.	213.00	216.00	21.37
MSRC-002	979273.	216.00	219.00	23.52
MSRC-002	979274.	219.00	222.00	29.68
MSRC-002	979275.	222.00	225.00	21.34
MSRC-002	979276.	225.00	228.00	15.54
MSRC-002	979277.	228.00	231.00	13.89
MSRC-002	979278.	231.00	234.00	9.89
MSRC-002	979279.	234.00	237.00	16.35
MSRC-002	979280.	237.00	240.00	12.65
MSRC-002	979283.	240.00	243.00	11.64
MSRC-002	979284.	243.00	246.00	13.41
MSRC-002	979285.	246.00	250.00	7.22
MSRC-003	979286.	0.00	3.00	8.80
MSRC-003	979287.	3.00	6.00	2.89
MSRC-003	979288.	6.00	9.00	3.93
MSRC-003	979289.	9.00	12.00	2.76
MSRC-003	979290.	12.00	15.00	1.88
MSRC-003	979291.	15.00	18.00	1.25
MSRC-003	979292.	18.00	21.00	TR
MSRC-003	979293.	21.00	24.00	1.05
MSRC-003	979294.	24.00	27.00	TR
MSRC-003	979295.	27.00	30.00	1.01
MSRC-003	979297.	30.00	33.00	2.14
MSRC-003	979298.	33.00	36.00	5.94
MSRC-003	979299.	36.00	39.00	3.64
MSRC-003	979300.	39.00	42.00	4.91
MSRC-003	979301.	42.00	45.00	4.24
MSRC-003	979302.	45.00	48.00	4.61
MSRC-003	979303.	48.00	51.00	7.70
MSRC-003	979305.	51.00	54.00	16.20

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
MSRC-003	979306.	54.00	57.00	4.33
MSRC-003	979307.	57.00	60.00	20.49
MSRC-003	979308.	60.00	63.00	34.92
MSRC-003	979309.	63.00	66.00	20.98
MSRC-003	979310.	66.00	69.00	24.30
MSRC-003	979311.	69.00	72.00	15.47
MSRC-003	979313.	72.00	75.00	19.98
MSRC-003	979314.	75.00	78.00	16.77
MSRC-003	979315.	78.00	81.00	14.35
MSRC-003	979316.	81.00	84.00	14.17
MSRC-003	979317.	84.00	87.00	20.38
MSRC-003	979318.	87.00	90.00	18.83
MSRC-003	979319.	90.00	93.00	16.63
MSRC-003	979320.	93.00	96.00	17.76
MSRC-003	979321.	96.00	99.00	17.34
MSRC-003	979322.	99.00	102.00	15.52
MSRC-003	979323.	102.00	105.00	16.31
MSRC-003	979324.	105.00	108.00	19.01
MSRC-003	979325.	108.00	111.00	20.48
MSRC-003	979328.	111.00	114.00	20.14
MSRC-003	979329.	114.00	117.00	18.26
MSRC-003	979330.	117.00	120.00	14.85
MSRC-003	979331.	120.00	123.00	13.71
MSRC-003	979332.	123.00	126.00	15.15
MSRC-003	979333.	126.00	129.00	13.58
MSRC-003	979334.	129.00	132.00	14.14
MSRC-003	979335.	132.00	135.00	14.54
MSRC-003	979336.	135.00	138.00	11.91
MSRC-003	979337.	138.00	141.00	12.04
MSRC-003	979338.	141.00	144.00	15.46
MSRC-003	979339.	144.00	147.00	27.66
MSRC-003	979340.	147.00	150.00	23.48
MSRC-003	979341.	150.00	153.00	21.53
MSRC-003	979343.	153.00	156.00	17.57
MSRC-003	979344.	156.00	159.00	13.54
MSRC-003	979345.	159.00	162.00	19.22
MSRC-003	979346.	162.00	165.00	20.52
MSRC-003	979347.	165.00	168.00	17.54
MSRC-003	979348.	168.00	171.00	17.74
MSRC-003	979349.	171.00	174.00	9.95
MSRC-003	979350.	174.00	177.00	10.08
MSRC-003	979351.	177.00	180.00	11.94
MSRC-003	979352.	180.00	183.00	12.49
MSRC-003	979353.	183.00	186.00	15.04
MSRC-003	979354.	186.00	189.00	23.32
MSRC-003	979355.	189.00	192.00	103.62
MSRC-003	979372.	231.00	234.00	13.50
MSRC-003	979373.	234.00	237.00	12.11
MSRC-003	979374.	237.00	240.00	15.41

NORMANDY TENNANT CREEK PTY LIMITED
MCCs 791-792 MARSANNE PROSPECT
Geochemical Assay Results

BHID	Sample Number	FROM (m)	TO (m)	Co ppm
		Detection Limit :		1
MSRC-003	979375.	240.00	243.00	15.51
MSRC-003	979376.	243.00	246.00	15.40
MSRC-003	979377.	246.00	250.00	16.45

APPENDIX THREE

BIBLIOGRAPHIC DATA SHEET

BIBLIOGRAPHIC DATA SHEET

REPORT NUMBER:	TENNANT CREEK: 99033 ADELAIDE: 23949
REPORT NAME:	ANNUAL REPORT FOR MCCs 759, 790-792 FOR THE PERIOD 2/8/97 TO 25/3/99, TENNANT CREEK DISTRICT, NORTHERN TERRITORY, SMELTER, NIRVANA AND MARSANNE PROSPECTS, CAMELOT CENTRAL JOINT VENTURE 2, WHITE DEVIL WEST REPORTING GROUP, MAP SHEET NO SE53-14, VOLUME 1 OF 1.
PROSPECT NAMES:	SMELTER (EXPLORER 93) NIRVANA (NAVIGATOR 8) MARSANNE (EXPLORER 176)
TENEMENT NUMBERS:	MCCs 759, 790-792
OWNER/JV PARTNERS:	NORMANDY TENNANT CREEK PTY LIMITED (57%) TENNANT CREEK HOLDINGS PTY LIMITED (33%) NORMANDY NFM LIMITED (10%)
AGREEMENT:	CAMELOT CENTRAL JOINT VENTURE 2
COMMODITIES:	GOLD, COPPER
TECTONIC UNITS:	TENNANT CREEK INLIER
STRATIGRAPHIC UNITS:	WARRAMUNGA FORMATION
1:250,000 MAP SHEET:	TENNANT CREEK SE53-14
1:100,000 MAP SHEET:	SHORT RANGE 5659
KEYWORDS:	EXPLORATION REVIEW, HELIMAGNETICS SURVEY, AEROMAGNETIC SURVEY, GEOPHYSICS, RC DRILLING, EXPLORATION PROPOSAL