



Northern Gold NL

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MCN 4184, 4185 and 4186

1997 FINAL REPORT

Fenton (14/5-I) 1:50,000 scale map sheet

Title Holder:- Northern Gold N.L.

OPEN FILE

CR 98 / 146

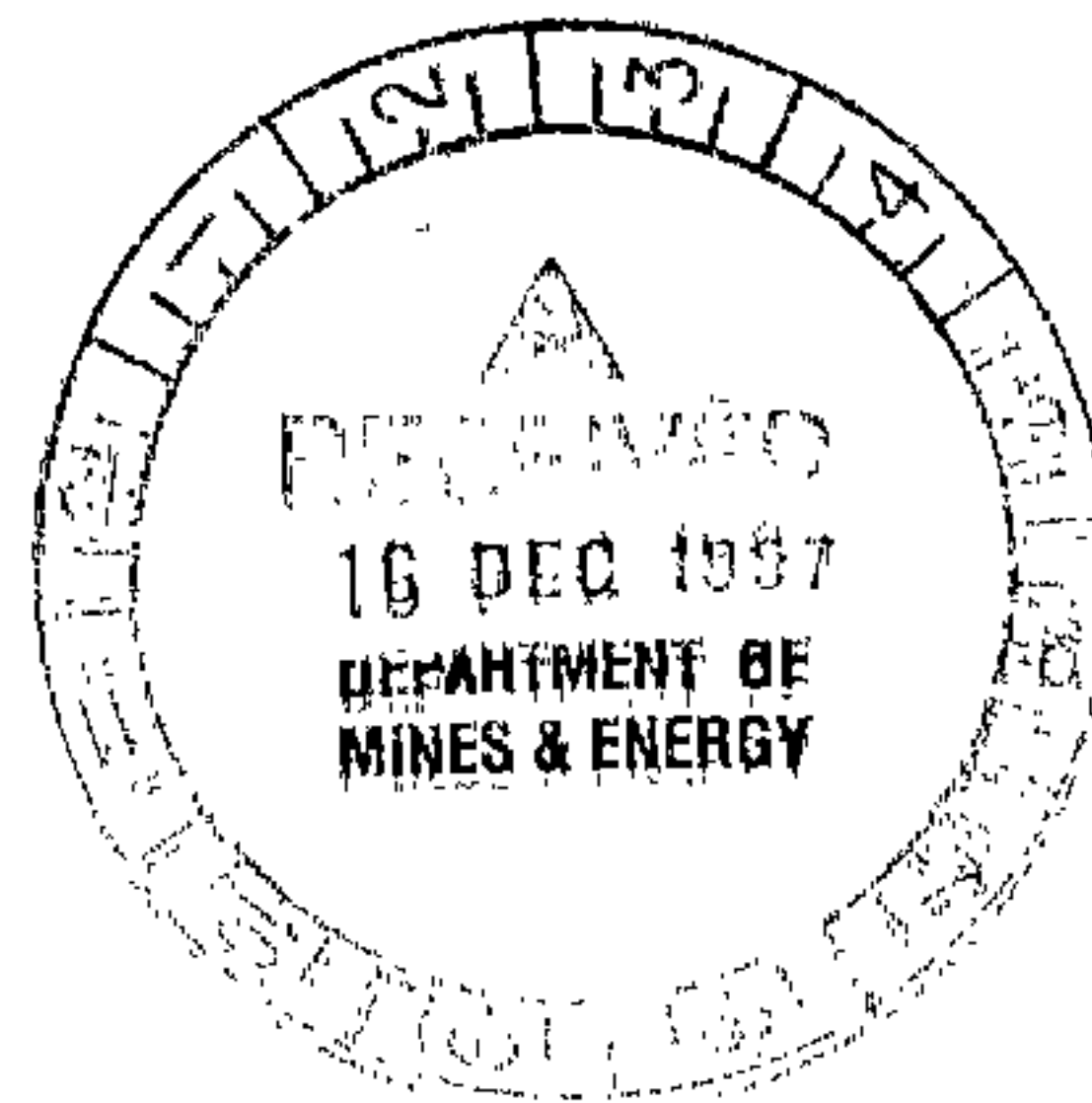
December 1997

Author:- N. Socic

NTDME

Northern Gold N.L., Adelaide River

Northern Gold N.L., Perth Office



SUMMARY

MCN's 4184, 4185 and 4186 are located approximately 7 kilometres south - east of the Cosmo Howley Gold Mine on the Fenton (14/5-I) 1:50,000 scale map sheet.

The area is dominated by Lower Proterozoic sediments from the Wildman Siltstone with units from the Koolpin Formation present in the south - east.

Northern Gold N.L. previously held the area covered by the claims as EL 6425. Two phases of soil sampling, and rock chip sampling were conducted over the area. During the 1992/93 field season, a program of RAB drilling was conducted over the mineral claims. A total of 113 holes were drilled to evaluate a previously defined soil anomaly. The program identified anomalous mineralisation, with assay results of up to 225 ppb Au and 486 ppm As.

MCN's 4184, 4185 and 4186 were granted to Northern Gold N.L. on the 9th of October, 1991, for a period of three years. Camelot Northern Territory Limited, formerly Reynolds Australia Metals, acquired a 50% share in the Northern Gold N.L. interest in these tenements in 1993. The mineral claims were renewed on the 1st of December, 1994, for a period ending on the 8th of October, 1997. The mineral claims were managed by Northern Gold N.L.

The expenditure during the life of the mineral claims totaled \$7,693.

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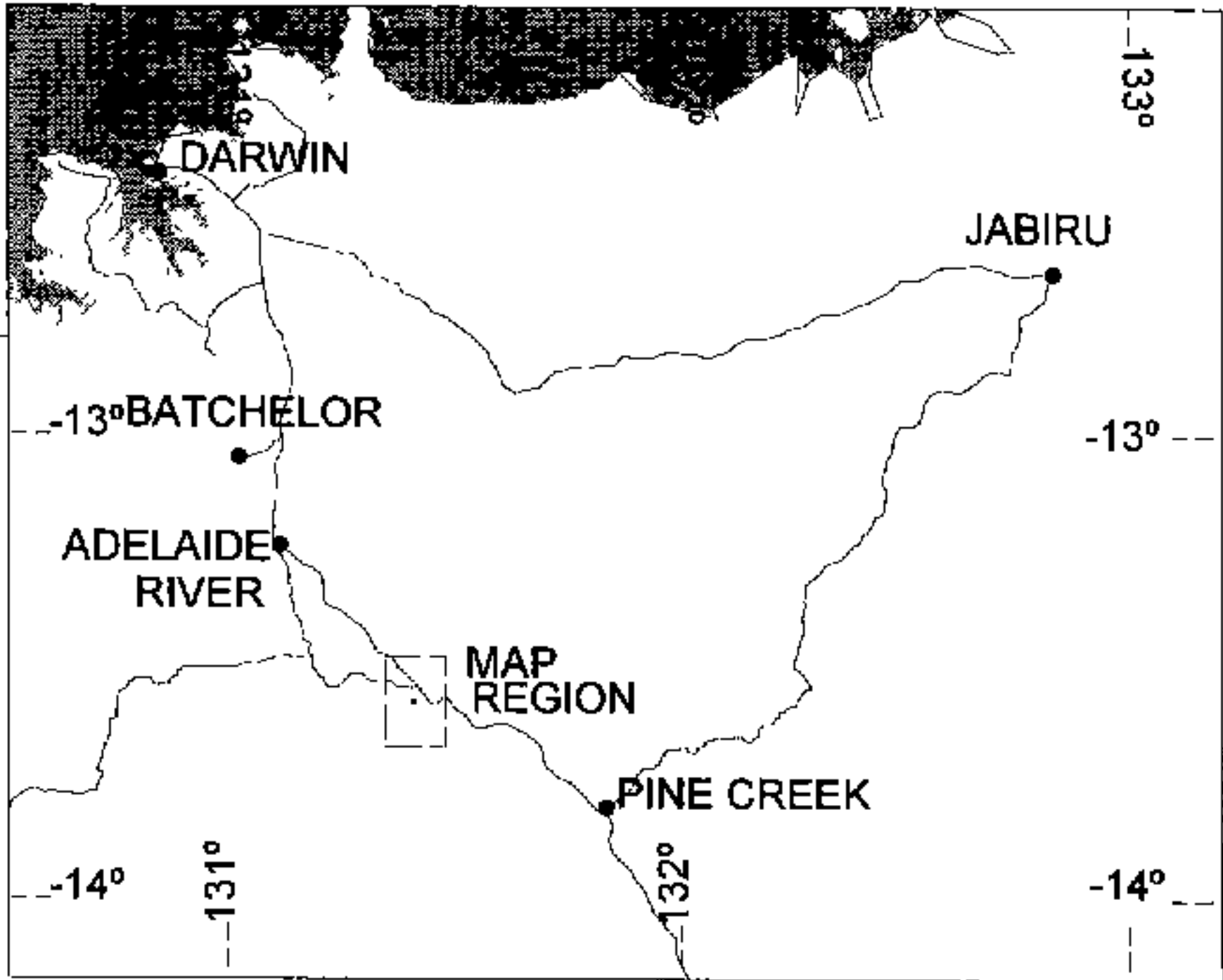
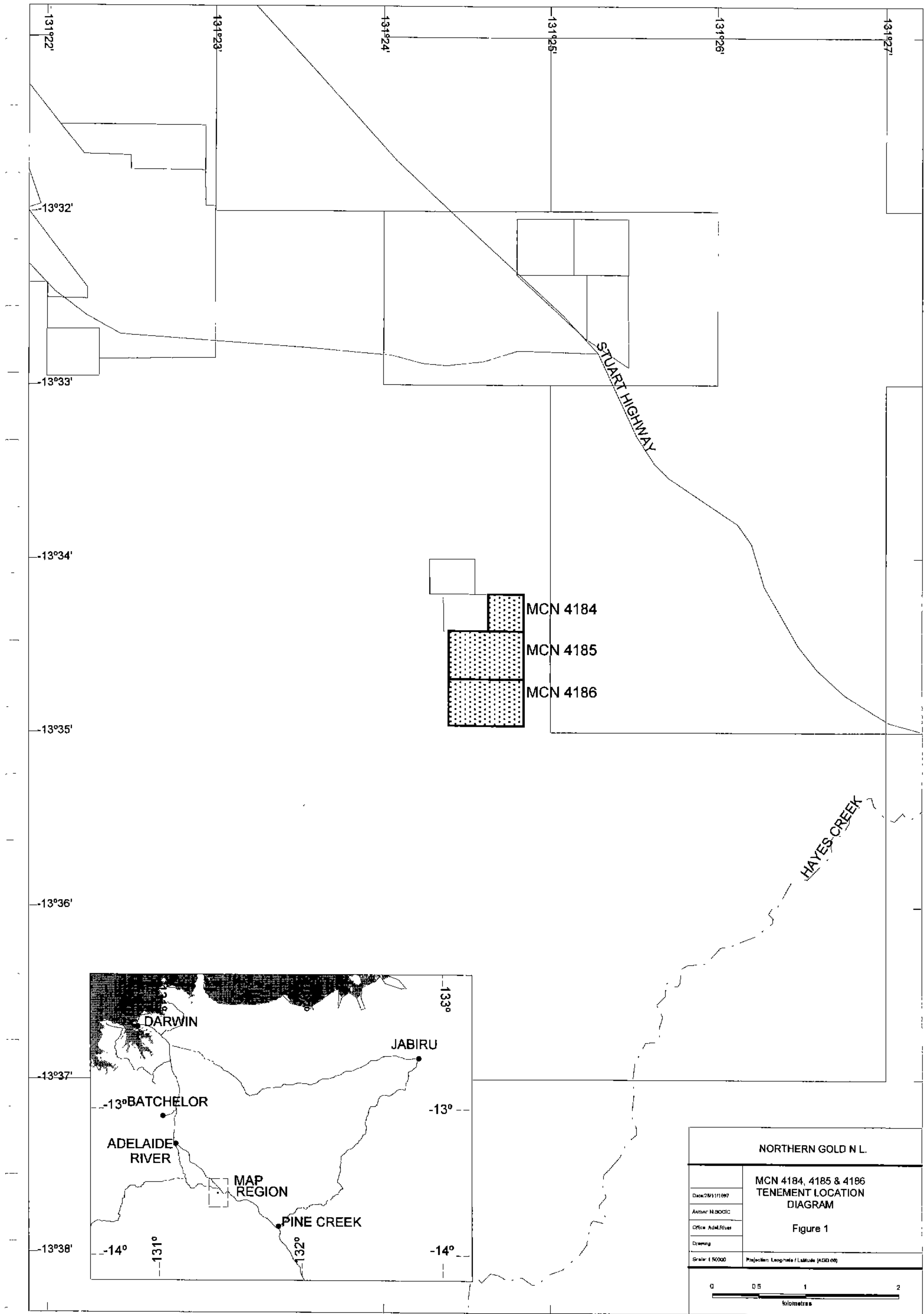
1.0 INTRODUCTION

MCN's 4184, 4185 and 4186 are located approximately 7 kilometres south - east of the Cosmo Howley Gold Mine on the Fenton (14/5-I) 1:50,000 scale map sheet. The mineral claims form a contiguous block of tenements that covers an area of 96 hectares, and lies between latitudes 13°34' south and 13°35' south and longitudes 131°24' east and 131°25' east (Figure 1). The tenements are situated within Pastoral Lease No. 903, Douglas, held by Tovehead Pty. Ltd.

Access to the claims is via the Stuart Highway, Dorat Road, and the Douglas Station Road.

MCN's 4184, 4185 and 4186 were granted to Northern Gold N.L. on the 9th of October, 1991, for a period of three years. Camelot Northern Territory Limited, formerly Reynolds Australia Metals, acquired a 50% share in the Northern Gold N.L. interest in these tenements in 1993. The mineral claims were renewed on the 1st of December, 1994, for a period ending on the 8th of October, 1997. The mineral claims were managed by Northern Gold N.L.

The expenditure during the life of the mineral claims totaled \$7,693.



NORTHERN GOLD N.L.	
	MCN 4184, 4185 & 4186 TENEMENT LOCATION DIAGRAM
	Figure 1
Date: 28/11/1997	
Author: M. BOGIC	
Office: Adelaide River	
Drawing:	
Scale: 1:50000	Projection: Longitude / Latitude (AGD 66)
00.512 kilometres	

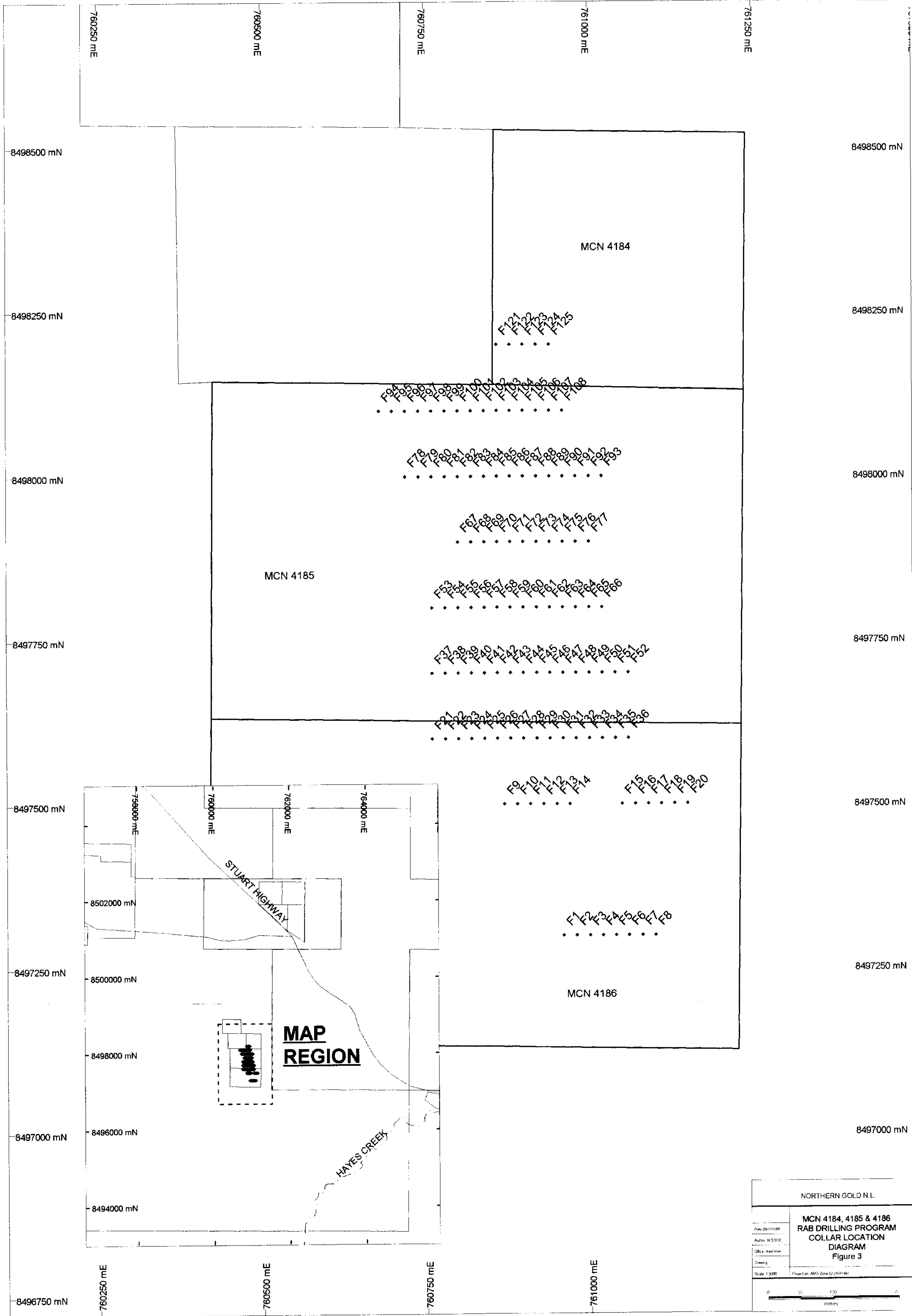
2.0 GEOLOGY

2.1 Regional Geology

MCN's 4184, 4185 and 4186 are situated within the Pine Creek Geosyncline, a tightly to isoclinally folded sequence of mainly pelitic and psammitic (continental to shallow water) Lower Proterozoic sediments with interlayered tuff units. All the lithologies in the area have been metamorphosed mostly to low and in places medium grade metamorphic assemblages. For the purposes of this report the prefix "meta" is implied, but omitted, from rock names and descriptions. The sequence has been intruded by pre-orogenic dolerite sills and a number of late syn-orogenic to post-orogenic Proterozoic granitoids. Largely undeformed Middle and Late Proterozoic, Palaeozoic and Mesozoic strata, as well as Cainozoic sediments and laterite overlie the Pine Creek Geosyncline lithologies.

2.2 Local Geology

The mineral claims lie to the south of the Cosmo Howley Goldmine. The area consists of Lower Proterozoic sediments from the Wildman Siltstone with outcrops of Koolpin Formation present in the south - east (Figure 2).



NORTHERN GOLD N.L.	
MCN 4184, 4185 & 4186 RAB DRILLING PROGRAM COLLAR LOCATION DIAGRAM Figure 3	
Date: 29/11/1999	Author: N.S.O.C.
Office: Adelaide	Drawn: [blank]
Scale: 1:5000	Projection: AGPS Zone 52 (458118m)
0 50 100 200 metres	

4.0 EXPENDITURE

Expenditure over MCN 4184, 4185 and 4186 from 1992 to 1997 totaled \$7,693. Details of this expenditure are listed below in Table 1.

Table 1 Mineral Claim Expenditure 1992 to 1997

<u>COSTS</u>	<u>AMOUNT</u>
Site Preparation/ Transport	488
Drilling	2,428
Assays	816
Field Expenses	95
Consumables	102
Motor Vehicle Costs	316
Wages and Salaries	2,028
Report Compilation	67
Tenement Managemen	117
Data Review	70
Report and Plan Preparation	163
SUBTOTAL	6,690
15% Administration	1,003
TOTAL	<u>\$7,693</u>

5.0 REFERENCES

SOCIC, N., (1997). MCN's 2641, 2642 and 4184, 1996/97 Annual Report to the 25th April 1997. Unpublished report by Northern Gold N.L. for the NTDME.

STOKES, M. & COOPER, W., (1993). MCN's 2641, 2642, 4184, 4185 and 4186, Annual Report to the 8th October 1993. Unpublished report by Northern Gold N.L. for the NTDME.

APPENDIX 1

RAB Drilling Program Collar Locations

Hole No.	AMG N	AMG E	Depth	Dip
F1	8497300	760960	3	90
F2	8497300	760980	3	90
F3	8497300	761000	3	90
F4	8497300	761020	3	90
F5	8497300	761040	3	90
F6	8497300	761060	3	90
F7	8497300	761080	3	90
F8	8497300	761100	5	90
F9	8497500	760870	2	90
F10	8497500	760890	3	90
F11	8497500	760910	3	90
F12	8497500	760930	3	90
F13	8497500	760950	3	90
F14	8497500	760970	3	90
F15	8497500	761050	3	90
F16	8497500	761070	2	90
F17	8497500	761090	3	90
F18	8497500	761110	3	90
F19	8497500	761130	3	90
F20	8497500	761150	3	90
F21	8497600	760760	4	90
F22	8497600	760780	3	90
F23	8497600	760800	5	90
F24	8497600	760820	3	90
F25	8497600	760840	3	90
F26	8497600	760860	5	90
F27	8497600	760880	3	90
F28	8497600	760900	3	90
F29	8497600	760920	3	90
F30	8497600	760940	3	90
F31	8497600	760960	3	90
F32	8497600	760980	3	90
F33	8497600	761000	2	90
F34	8497600	761020	3	90
F35	8497600	761040	3	90
F36	8497600	761060	3	90
F37	8497700	760760	4	90
F38	8497700	760780	3	90
F39	8497700	760800	3	90
F40	8497700	760820	3	90
F41	8497700	760840	5	90
F42	8497700	760860	3	90
F43	8497700	760880	3	90
F44	8497700	760900	3	90
F45	8497700	760920	3	90
F46	8497700	760940	3	90
F47	8497700	760960	3	90
F48	8497700	760980	3	90
F49	8497700	761000	3	90
F50	8497700	761020	3	90
F51	8497700	761040	3	90
F52	8497700	761060	3	90

Hole No.	AMG N	AMG E	Depth	Dip
F53	8497800	760760	6	90
F54	8497800	760780	3	90
F55	8497800	760800	3	90
F56	8497800	760820	5	90
F57	8497800	760840	3	90
F58	8497800	760860	3	90
F59	8497800	760880	3	90
F60	8497800	760900	2	90
F61	8497800	760920	3	90
F62	8497800	760940	3	90
F63	8497800	760960	3	90
F64	8497800	760980	1.7	90
F65	8497800	761000	2	90
F66	8497800	761020	3	90
F67	8497900	760800	3	90
F68	8497900	760820	3	90
F69	8497900	760840	3	90
F70	8497900	760860	3	90
F71	8497900	760880	3	90
F72	8497900	760900	2	90
F73	8497900	760920	1.5	90
F74	8497900	760940	4	90
F75	8497900	760960	3	90
F76	8497900	760980	3	90
F77	8497900	761000	3	90
F78	8498000	760720	3	90
F79	8498000	760740	3	90
F80	8498000	760760	1	90
F81	8498000	760780	3	90
F82	8498000	760800	3	90
F83	8498000	760820	6	90
F84	8498000	760840	3	90
F85	8498000	760860	3	90
F86	8498000	760880	3	90
F87	8498000	760900	3	90
F88	8498000	760920	3	90
F89	8498000	760940	3	90
F90	8498000	760960	3	90
F91	8498000	760980	3	90
F92	8498000	761000	2	90
F93	8498000	761020	2	90
F94	8498100	760680	3	90
F95	8498100	760700	3	90
F96	8498100	760720	3	90
F97	8498100	760740	1	90
F98	8498100	760760	2	90
F99	8498100	760780	5	90
F100	8498100	760800	3	90
F101	8498100	760820	3	90
F102	8498100	760840	8	90
F103	8498100	760860	3	90
F104	8498100	760880	3	90

Hole No.	AMG N	AMG E	Depth	Dip
F105	8498100	760900	3	90
F106	8498100	760920	3	90
F107	8498100	760940	3	90
F108	8498100	760960	4	90
F121	8498200	760860	3	90
F122	8498200	760880	3	90
F123	8498200	760900	3	90
F124	8498200	760920	3	90
F125	8498200	760940	3	90

APPENDIX 2

RAB Drilling Program Assay Results

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F1	0	2	F1	130	63	17	RD/BR SCHIST + RD SOL/CLA
F1	2	3					GRY/BR SCHIST
F2	0	1					RD/OR SOL +SCHIST /SAND ?
F2	1	2	F2	7	9	25	BR/PURP MICA ROCK/CLA
F2	2	3					PURP/BR TR MICA SAND SOL
F3	0	1					BR/YELL/RD SOL/CLA+TR QTZ
F3	1	2	F3	6		14	BR CLA+QTZ
F3	2	3	F3	6		14	ROCK BR/PURP+QTZ
F4	0	1					BR/RD SOL/CLA+QTZ
F4	1	2	F4	25		30	BR/GRY QTZ
F4	2	3					BR TO 2.6 THAN BR/YELL QTZ
F5	0	1					BR/GRY/RD CLA+QTZ
F5	1	2	F5	160	200	79	BR/YELL/RD CLA+QTZ
F5	2	3					LT BR/OR/YELL MICA ROCK(FG)QTZ SCHIST
F6	0	1					BLK/BR SOL CLA TO RD CLA + TR QTZ
F6	1	2	F6	55		29	DK RD/MAROON CLA TR PISOLITIC + TR QTZ
F6	2	3					" TO LT BR QTZ
F7	0	1					BLK/GRY/BR SOL CLA+5% QTZ
F7	1	2					DK BR/MAROON CLA+TR QTZ
F7	2	3	F7	11		11	MAROON CLA TO 2.4 THAN BR/GRY CLA
F8	0	1					BLK/BR SOL TO .6 THAN DK BR/MAROON CLA
F8	1	2	F8	29		49	MAROON/PURP CLA+5% QTZ
F8	2	3					MAROON/BR CLAGGY CLAYS + TR QTZ ?
F8	3	4					LT BR/GRY/RD CLA AFTER SCHIST
F8	4	5					GRY/GRN/BR POWDER AFTER ?
F9	0	1	F9	12		46	MAROON CLA+QTZ
F9	1	2					BR CLA + GRY/RD SANDSTONE AT 1.6 HARD
F10	0	1					BR/BLK SOL THAN RD CLA + QTZ 5%
F10	1	2	F10	40		25	BR/GRY CLA + QTZ 5%/SANDSTONE
F10	2	3					HARD 2.5 QTZ IN SANDSTONE
F11	0	1					MAROON CLA + QTZ 10%
F11	1	2	F11	21		26	" " " " "
F11	2	3					MAROON TO 2.5 THAN GRY/BR CLAY (SCHIST)
F12	0	1					DK BR/MAROON CLA + QTZ 25%
F12	1	2	F12	38	22	112	QTZ+ RD/MAROON CLA
F12	2	3					LT PURP/GRY MICA SAND/+TR QTZ
F13	0	1					MAROON CLA + QTZ
F13	1	2	F13	110	55	85	MAROON CLA + QTZ SCHERT-TR QTZ
F13	2	3					MARON/BR CLA THAN PURP AFTER QTZ SCHERT
F14	0	1					BR/RD SOL/CLA + QTZ
F14	1	2	F14	18		33	BR/RD CLAGGY CLA + QTZ
F14	2	3					GRY/RD AFTER QTZ SCHERT ? + TR QTZ
F15	0	1					RD/OR CLA +QTZ
F15	1	2	F15	16		103	RD/OR DIRT MICA +2% QTZ
F15	2	3					RD/OR TO 2.2 THAN GRY/BR QTZ SCHERT
F16	0	1					BLK SOL THAN GRY/BR THAN RD/OR CLA
F16	1	2	F16	8		275	RD/OR SANDSTONE(FG)
F17	0	1					BLK SOL THAN GRY/BR THAN OR/RD + QTZ + E
F17	1	2	F17	14	15	385	GRY/BR/RD CLAGGY CLA MICAS
F17	2	3					RD/GRY MICAS CLA AFTER TR SCHERT
F18	0	1					BR CLA THAN BR/OR CLA + QTZ
F18	1	2	F18	11		259	RD/BR CLAGGY CLA THAN BR/YELL CLA + TR Z

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F18	2	3					BR/YELL CLA/POWDER AFTER MICA
F19	0	1					RD/BR + QTZ TR
F19	1	2	F19	7		111	RD/BR TR CLAGGY CLA MICA AFTER SCHERT
F19	2	3					YELL/BR AFTER SCHERT
F20	0	1					BR/RD/BLK SOL/CLA+QTZ
F20	1	2	F20	8		242	RD CLA THAN CLAGGY AT 1.5 + QTZ
F20	2	3					GRY/BR MICA CLA AFTER SCHERT
F21	0	1					BR SOL THEN OR/MAROON CLAY
F21	1	2	F21	5		23	RD/BR CLA + QTZ
F21	2	3					LT BR/OR/GRY CLA + TR QTZ
F21	3	4					LT BR/GRY/OR AFTER FG SANDSTONE
F22	0	1					RD CLA+ QTZ 2% HEAMATITIC NODULES
F22	1	2	F22	11		21	CLAGGY RD/BR CLA AFTER SCHERT
F22	2	3					BR/GRY CLA AFTER SCHERT MICA
F23	0	1					RD CLA(MAROON) + TR QTZ
F23	1	2	F23	14	13	24	RD/BR CLAGGY CLA + QTZ 2%
F23	2	3					RD/BR CLAGGY CLA MICA+FE NODULES
F23	3	4					LT BR CLA AFTER QTZ SCHERT?
F23	4	5					LT BR CLA AFTER QTZ SCHERT ?
F24	0	1					RD/BR CLA (MAROON)+QTZ
F24	1	2	F24	12		23	CLAGGY MAROON CLA+QTZ
F24	2	3					CLAGGY MAROON CLA TO 2.5 THAN LT BR/GRYZ
F25	0	1					PURP/MAROON CLA+QTZ 6%
F25	1	2	F25	16		27	MAROON CLAGGY CLA + FENODULES+ TR QTZ MA
F25	2	3					GRY/BR CLA AFTER SCHERT
F26	0	1					RD/BR CLA + QTZ
F26	1	2	F26	23		48	RD/BR CLA + QTZ
F26	2	3					BR/PURP CLA AFTER SCHERT
F26	3	4					BR/PURP CLA AFTER SCHERT
F26	4	5					BR/PURP CLA AFTER SCHERT
F27	0	1					OR/BR CLA=QTZ
F27	1	2	F27	34		102	MAROON CLA CLAGGY+QTZ
F27	2	3					RD DUST FROM QTZ VEIN TO 2.6 THEN RD CLY
F28	0	1					BR/OR CLA + QTZ
F28	1	2	F28	13		37	RD/BR CLAGGY CLA THAN GRY/BR
F28	2	3					GRY/BR/PURP CLA AFTER SCHERT
F29	0	1					ROAD FILL + RD/BR CLA + QTZ
F29	1	2	F29	16		38	MAROON/RD/BR CLAGGY CLA AFTER SCHERT
F29	2	3					RD/BR MAROON CLA QTZ AT 2% SCHERT
F30	0	1					MAROON/RD/BR CLA + QTZ
F30	1	2	F30	10		21	RD/BR CLAGGY CLA
F30	2	3					RD/BR/OR DIRT TO YELL/BR QTZ SCHERT
F31	0	1					RD/BR CLA + TR QTZ
F31	1	2	F31	18		29	DK RD/BR CLAGGY CLA
F31	2	3					RD/BR CLA TO 2.8 THAN GRY/BR QTZ
F32	0	1					GRY THAN RD/BR CLA + QTZ
F32	1	2	F32	11		87	RD/BR/PURP CLA + QTZ
F32	2	3					PURP/BR + QTZ
F33	0	1	F33	49	37	109	GRY/BR THAN RD/BR + TR QTZ
F33	1	2					GRY/RD/BR THAN HARD RD/BR/PURP AFTER QTE
F34	0	1					GRY THAN GRY/RD/BR + 5% QTZ
F34	1	2	F34	97		294	OR/RD/BR CLA + 1% QTZ

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F34	2	3					YELL.GRY/BR + TR QTZ
F35	0	1					GRY/BR THAN RD/BR CLA + 2% QTZ
F35	1	2	F35	18		281	RD/BR CLA CLAGGY + TR QTZ
F35	2	3					MAROON/BR CLA AFTER SCHERT
F36	0	1					RD/BR CLA + QTZ
F36	1	2	F36	5	5	109	BR CLA THAN GRY/BR + SANDSTONE
F36	2	3					GRY/BR CLA AFTER
F37	0	1					BR/RD CLA + 1% QTZ
F37	1	2	F37	7		45	RD/BR CLAGGY CLA
F37	2	3					GRY/BR CLA
F37	3	4					LT GRY/BR CLA AFTER?
F38	0	1					DK RD/BR CLA
F38	1	2	F38	10		26	DK RD/BR CLA TR CLAGGY + FENODULES TR MA
F38	2	3					AS ABOVE TO 2.7 THAN GRY/LT BR
F39	0	1	F39	9		31	DK RD/BR CLA + TR QTZ
F39	1	2					AS ABOVE MICA CLAGGY AFTER SCHERT
F39	2	3					LT RD/BR CLA WEATHERED SCHIST
F40	0	1					DK RD/BR CLA + 1% QTZ
F40	1	2	F40	21		24	DK RD/BR CLA CLAGGY + TR QTZ
F40	2	3					LT RD/BR CLA AFTER TR MICA SCHERT
F41	0	1					DK RD/BR CLA
F41	1	2					DK MICA RD/BR CLAGGY CLA
F41	2	3	F41	7		6	DK AS ABOVE
F41	3	4					AS ABOVE TO GRY/RD
F41	4	5					GRNISH/GRY/BR CLA AFTER ?
F42	0	1					OR/RD CLA + QTZ 5%
F42	1	2	F42	26	17	39	DK RD/BR CLAGGY CLA + QTZ TR
F42	2	3					GRY/GRNISH/BR CLA AFTER?
F43	0	1					BR CLA/SALT + 5 QTZ
F43	1	2	F43	6		56	RD/BR CLAGGY CLA
F43	2	3					PURP/GRY/BR CLA
F44	0	1					BR CLA/SOL + QTZ
F44	1	2	F44	29	25	46	BR CLA+QTZ
F44	2	3					LT BR/PURP AFTER?
F45	0	1					BR SOL + PUGGY RD CLA + QTZ
F45	1	2	F45	8		37	RD CLA TR QTZ THAN BR/GRY CLA
F45	2	3					GRY/BR/PURP/RD CLA AFTER?
F46	0	1					BR SOL + TR QTZ
F46	1	2	F46	9		132	RD/PURP/BR MICA SANDSTONE
F46	2	3					AS ABOVE
F47	0	1					RD/BR SOL + QTZ FRAG
F47	1	2	F47	11		249	RD/PURP MICA FG SANDSTONE?
F47	2	3					" " "
F48	0	1					RD/BR CLA + QTZ
F48	1	2	F48	25	20	273	BR/RD CLA THEN GRY/PURP/BR + TR QTZ
F48	2	3					PURP/GRY/BR MICA FG SANDSTONE
F49	0	1					BR/GRY CLA + TR QTZ
F49	1	2					BR CLA + TR QTZ
F49	2	3					GRY MICA FG SANDSTONE?
F50	0	1					BR CLA + TR QTZ
F50	1	2					BR CLA + TR QTZ
F50	2	3	F50	13		100	BR CLA + TR QTZ

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F51	0	1					RD/BR SOL = QTZ
F51	1	2	F51	9	8	59	BR/RD CLAGGY CLAY+TR QTZ
F51	2	3					LT BR POWDER GRNISH GRY AFTER?
F52	0	1					RD/BR SOL+QTZ+ROCK FRAG QTZ
F52	1	2	F52	6		195	GRY/BR PUGGY CLAGGY CLA + TR QTZ
F52	2	3					GRY/BR CLA/POWDER HARD QTZ+SANDSTONE
F53	0	1					BR SOL + QTZ
F53	1	2					DK RD/BR CLAGGY CLA + TR QTZ
F53	2	3	F53	4		30	DK RD/BR " "
F53	3	4					RD/BR CLA TO 3.5 THEN GRY/BR
F53	4	5					BR CLA
F53	5	6					BR CLA
F54	0	1					BLK THEN BR/RD SOL + QTZ
F54	1	2	F54	26	20	135	RD/BR CLA + QTZ
F54	2	3					GRY/BR POWDER (TR PUMP) AFTER?
F55	0	1					GRY SOL THEN BR/RD SOL + QTZ TR
F55	1	2					DK RD/BR CLA + QTZ
F55	2	3	F55	8	10	60	LT PURP/BR POWDER + QTZ
F56	0	1					BR/RD SOL+ QTZ
F56	1	2					DK RD CLA + QTZ
F56	2	3					RD/BR CLA + QTZ
F56	3	4	F56	4	4	75	LT PURP/BR POWDER + QTZ
F56	4	5					" " " AFTER MICA SCHERT
F57	0	1					RD SOL + QTZ
F57	1	2					DK RD/BR CLA + QTZ
F57	2	3	F57	14		123	RD/BR THEN PURP/BR MICA SCHIRT
F58	0	1					BR SOL + QTZ
F58	1	2					RD/BR + QTZ
F58	2	3	F58	19		95	LT PURP/BR POWDER AFTER MICA SCHIRT
F59	0	1					BR SOL + QTZ FRAG
F59	1	2					RD/BR CLA+QTZ
F59	2	3	F59	7		72	BR/RD/PURP POWDER+ QTZ
F60	0	1					ROAD FILL QTZ RD CLA
F60	1	2	F60	24		352	DK RD/BR CLA AFTER MICA SCHIRT
F61	0	1					BR SOL + QTZ
F61	1	2					BR POWDER+ QTZ
F61	2	3	F61	5		77	LT PURP/BR POWDER AFTER QTZ SCHIRT + QTZ
F62	0	1					BR SOL + QTZ
F62	1	2					CLAGGY RD/BR CLA + QTZ
F62	2	3	F62	13		130	GRY/BR CLA THEN POWDER PURP/BR AFTER
F63	0	1					RD SOL/CLA + QTZ
F63	1	2	F63	8		88	DK RD/BR CLAGGY CLA + 2% QTZ
F63	2	3					GRY/BR POWDER AFTER MICA SCHIRT
F64	0	1					RD SOL+QTZ
F64	1	1.7	F64	27		295	QTZ VEIN
F65	0	1					RD SOL + QTZ
F65	1	2	F65	9		140	BR/GRY MICA SCHIRT + TR QTZ
F66	0	1					BR SOL + QTZ
F66	1	2					RD/BR CLA + QTZ 5% MICA
F66	2	3	F66	6	5	169	BR/RD CLA AFTER MICA SCHIRT + TR QTZ
F67	0	1					BR SOL + QTZ
F67	1	2	F67	60	50	102	RD/BR CLA + QTZ

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F67	2	3					RD/PURP QTZITE AT 2.3
F68	0	1					RD/BR SOL+QTZ TR
F68	1	2	F68	8		104	RD CLA
F68	2	3					YELL/OR/BR POWDER AFTER FG SANDSTONE
F69	0	1					RD/BR SOL/CLA + TR QTZ
F69	1	2	F69	6		62	PURP/BR QTZITE AT 1.5
F69	2	3					AS ABOVE
F70	0	1					BR SOL + QTZ
F70	1	2	F70	54		93	CLAGGY DK RD/BR CLA + TR QTZ
F70	2	3					GRY/BR POWDER AFTER?
F71	0	1					RD/BR CLAGGY CLA + QTZ
F71	1	2	F71	24		93	RD/BR CLA MICA + TR QTZ
F71	2	3					GRY/BR CLA AFTER MICA SCHIRT
F72	0	1					BR SOL + TR QTZ
F72	1	2	F72	9		95	BR TR CLAGGY CLA TO GRY/BR POWDER
F73	0	1					RD SOL + QTZ
F73	1	1.5	F73	67	38	255	QTZ VEIN
F74	0	1					BR/RD SOL/CLA
F74	1	2	F74	23	22	152	BR CLAGGY CLA MICA
F74	2	3					BR/RD CLA AFTER SCHIRT
F74	3	4					GRY/PURP/BR POWDER MICA SCHIRT
F75	0	1					RD SOL/CLA + QTZ
F75	1	2	F75	16		133	RD/BR CLA + QTZ
F75	2	3					GRY/BR POWDER AFTER MICA
F76	0	1					DK RD SOL/CLA + TR QTZ
F76	1	2	F76	15		55	DK RD/MAROON CLA CLAGGY
F76	2	3					BR/GRY POWDER AFTER SCHIRT
F77	0	1					DK RD/MAROON CLA + QTZ
F77	1	2	F77	20		66	BR/RD CLA
F77	2	3					LT BR/TELL CLA THEN GRY/BR AFTER SCHIRT
F78	0	1					BR/RD SOL CLA + TR QTZ
F78	1	2	F78	14		104	DK RD/BR CLA
F78	2	3					GRY/BR POWDER AFTER MICA
F79	0	1					BR/RD SOL + QTZ FRAG
F79	1	2	F79	6		112	BR/RD POWDER QTZ FRAG
F79	2	3					BR POWDER AFTER?
F80	0	1	F80	10		137	RD SOL/CLA +QTZ+ ROCK
F81	0	1					RD/BR PUGGY CLA
F81	1	2					DK RD CLA THEN GRY/BR CLA
F81	2	3	F81	7		87	QTZ VEIN + BR POWDER
F82	0	1					BR SOL/CLA + TR QTZ
F82	1	2					BR CLA
F82	2	3	F82	10		89	GRY/BR POWDER AFTER ?
F83	0	1					BR SOL/CLA + TR QTZ
F83	1	2	F83	9		65	BR CLAGGY CLA
F83	2	3					GRY/BR POWDER/CLA
F83	3	4					GRY POWDER AFTER?
F83	4	5					AS ABOVE
F83	5	6					GRY POWDER BR/GRN AFTER SCHIRT MICA
F84	0	1					RD SOL+ QTZ FRAG
F84	1	2	F84	9		253	QTZ VEIN + RD/PURP POWDER
F84	2	3					QTZ VEIN TO 2.5 MAROON POWDER

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F85	0	1					RD/BR SOL + QTZ
F85	1	2					RD/BR CLA + QTZ
F85	2	3	F85	225	170	392	BR/GRY POWDER + 5 QTZ AFTER MICA SCHIRT
F86	0	1					RD SOL THEN RD/BR CLAGGY CLA + TR QTZ
F86	1	2					RD/BR CLAGGY THEN BR POWDER
F86	2	3	F86	30		132	GRY/BR POWDER AFTER MICA SCHIRT
F87	0	1					DK RD/BR SOL/CLA
F87	1	2	F87	22		213	RD/BR CLA + TR QTZ
F87	2	3					GRY/BR POWDER AFTER SCHIRT
F88	0	1					RD/BR SOL/CLA + 1 QTZ
F88	1	2					DK RD/BR CLAGGY CLA + TR QTZ
F88	2	3	F88	25		102	RD/BR CLA + TR QTZ
F89	0	1					DK RD CLA + QTZ
F89	1	2					DK MAROON CLAGGY CLA
F89	2	3	F89	12		64	DK MAROON CLAGGY CLA THEN BR/OR POWDER R
F90	0	1					DK MAROON/RD CLA + TR QTZ
F90	1	2	F90	10	6	50	AS ABOVE
F90	2	3					BR/OR POWDER THEN GRY/BR POWDER
F91	0	1					RD/OR CLA/SOL
F91	1	2	F91	9		54	BR POWDER HARD 1.6 SANDSTONE+TR QTZ
F91	2	3					SANDSTONE COARSE GRAINED MICACEOUS ?
F92	0	1					RD SOL/CLA + 2% QTZ
F92	1	2	F92	20		86	RD/BR DIRT + MICA SANDSTONE + TR QTZ
F93	0	1					BR/RD SOL/CLA + TR QTZ
F93	1	2	F93	11		156	BR/GRY QTZ SCHIST
F94	0	1					QTZ SCREE + RD/BR SOL QTZ
F94	1	2					RD CLA + QTZ
F94	2	3	F94	12		86	RD/BR POWDER + QTZ
F95	0	1					RD CLA + QTZ
F95	1	2					DK RD CLA + TR QTZ
F95	2	3	F95	10		149	LT MICA BR CLA AFTER SCHIRT
F96	0	1					DK RD/BR CLAGGY CLA + QTZ
F96	1	2					QTZ SCREE LENS
F96	2	3	F96	10		86	RD/BR POWDER + QTZ VEIN
F97	0	1	F97	7		84	QTZ FLOAT/VEIN
F98	0	1					RD/BR SOL/CLA + QTZ
F98	1	2	F98	1		496	RD/PURP COARSE SANDSTONE
F99	0	1					BR SOL + QTZ FRAG
F99	1	2					DK RD/BR CLAGGY CLA + TR QTZ
F99	2	3	F99	6	5	115	DK RD/BR CLAGGY CLA + TR MICA
F99	3	4					LT BR CLA AFTER SCHIRT
F99	4	5					BR/GRY CLA AFTER MICA SCHIRT
F100	0	1					DK RD/BR CLA + 1% QTZ FENODULES
F100	1	2					CLAGGY DK RD/BR SOL/CLA + TR QTZ
F100	2	3	F100	5		103	AS ABOVE TO 2.8 THEN BR/GRY CLA + TR QTZ
F101	0	1					DK RD/MAROON CLA
F101	1	2					DK RD CLAGGY CLA
F101	2	3	F101	6		76	LT BR/RD CLA + TR QTZ
F102	0	1					DK RD/BR CLA + QTZ
F102	1	2					DK RD/BR CLAGGY CLA
F102	2	3					BR/RD POWDER/CLA PARTIALLY CLAGGY
F102	3	4					BR/GRY POWDER

Hole No	From	To	Sample	Au1 ppb	Au2 ppb	As ppm	Lithology
F102	4	5					GRY/GRNISH POWDER
F102	5	6					GRN/GRY CLA MICA
F102	6	7					GRN/GRY MICA
F102	7	8	F102	5		63	GRY/GRN MICA SSTONE? + QTZ
F103	0	1					DK RD/BR CLA
F103	1	2					CLAGGY RD/BR CLA
F103	2	3	F103	3		166	CLAGGY DK RD/BR CLA + FENODULES
F104	0	1					DK RD/BR CLA + QTZ FRAG
F104	1	2					DK RD/MAROON CLAGGY CLA + TR QTZ
F104	2	3	F104	3		122	BR CLA TR CLAGGY
F105	0	1					DK RD SOL + CLA FRAG
F105	1	2					DK RD/MAROON CLA + QTZ
F105	2	3	F105	4		52	BR/RD POWDER MICA SCHIRT
F106	0	1					DK MAROON CLA + QTZ
F106	1	2					DK MAROON CLA = TR QTZ
F106	2	3	F106	7		126	DK MAROON CLA + TR QTZ FENODULES
F107	0	1					BR/RD SOL/CLA + QTZ
F107	1	2					DK RD/BR CLA + QTZ
F107	2	3	F107	7		251	DK RD/BR CLA + QTZ
F108	0	1					DK RD/BR SOL/CLA + QTZ
F108	1	2					DK RD/BR TR CLAGGY CLA
F108	2	3	F108	2		59	AS ABOVE MICA
F108	3	4					BR/RD CLA AFTER SCHIRT
F121	0	1					DK RD/BR CLA/SOL + QTZ
F121	1	2					CLAGGY DK RD CLA
F121	2	3	F121	3		61	GRY/GRNISH POWDER/CLA
F122	0	1					BR/RD SOL + QTZ TR
F122	1	2					PURP/RD/BR CLA + QTZ
F122	2	3	F122	1		75	PURP/BR CLA + QTZ
F123	0	1					RD/BR SOL + QTZ
F123	1	2					RD/PURP CLA + TR QTZ
F123	2	3	F123	13	14	61	PURP/GRY CLA AFTER MICA SCHIRT
F124	0	1					BR/RD SOL + QTZ
F124	1	2					RD/BR/PURP CLA + QTZ
F124	2	3	F124	1		132	GRY TR PURP CLA + TR QTZ
F125	0	1					BR/RD SOL + TR QTZ
F125	1	2					RD/BR CLA
F125	2	3	F125	2	3	152	RD/BR CLA THEN GRY POWDER