



OPEN FILE

**EL 8003 - HOMESTEAD  
RELINQUISHED AREA**

**UNDER MINERAL CLAIM APPLICATION**

**28.04.93 - 27.04.95  
Batchelor 1:100,000 Map Sheet**

CR 95 / 470

Distribution:

C. Fawcett  
June 1995

NTDME  
Territory Goldfields NL

**Territory Goldfields N.L.**

A.C.N. 063 635 325

Cosmo Howley Mine, Via Hayes Creek, Northern Territory  
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Telephone: (089) 782 499 Fax: (089) 782 467

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## **1.0 SUMMARY**

Exploration over EL8003 has consisted of gridding, soil sampling, rock chip sampling, stream sediment sampling, aircore drilling and RC percussion drilling.

The licence, comprising eight (8) graticular blocks, was granted to Dominion Gold Operations on 28 April 1993 for a period of five (5) years. Three (3) blocks were relinquished on 24 March 1995.

The stratigraphy of the tenement area is made up of Koolpin Formation, Gerowie Tuff and Mt. Bonnie Formation sediments in a structurally complex setting.

This report outlines the work carried out over the relinquished blocks of EL8003.

## **2.0 LOCATION AND TENURE**

EL8003 is located approximately 130km south east of Darwin on the Ban Ban 1:50,000 (14/3-111) sheet. The relinquished block under Mineral Claim application is situated between latitudes 13°21'S and 13°22'S and longitudes 131°30'E and 131°31'E. (See Figure 1).

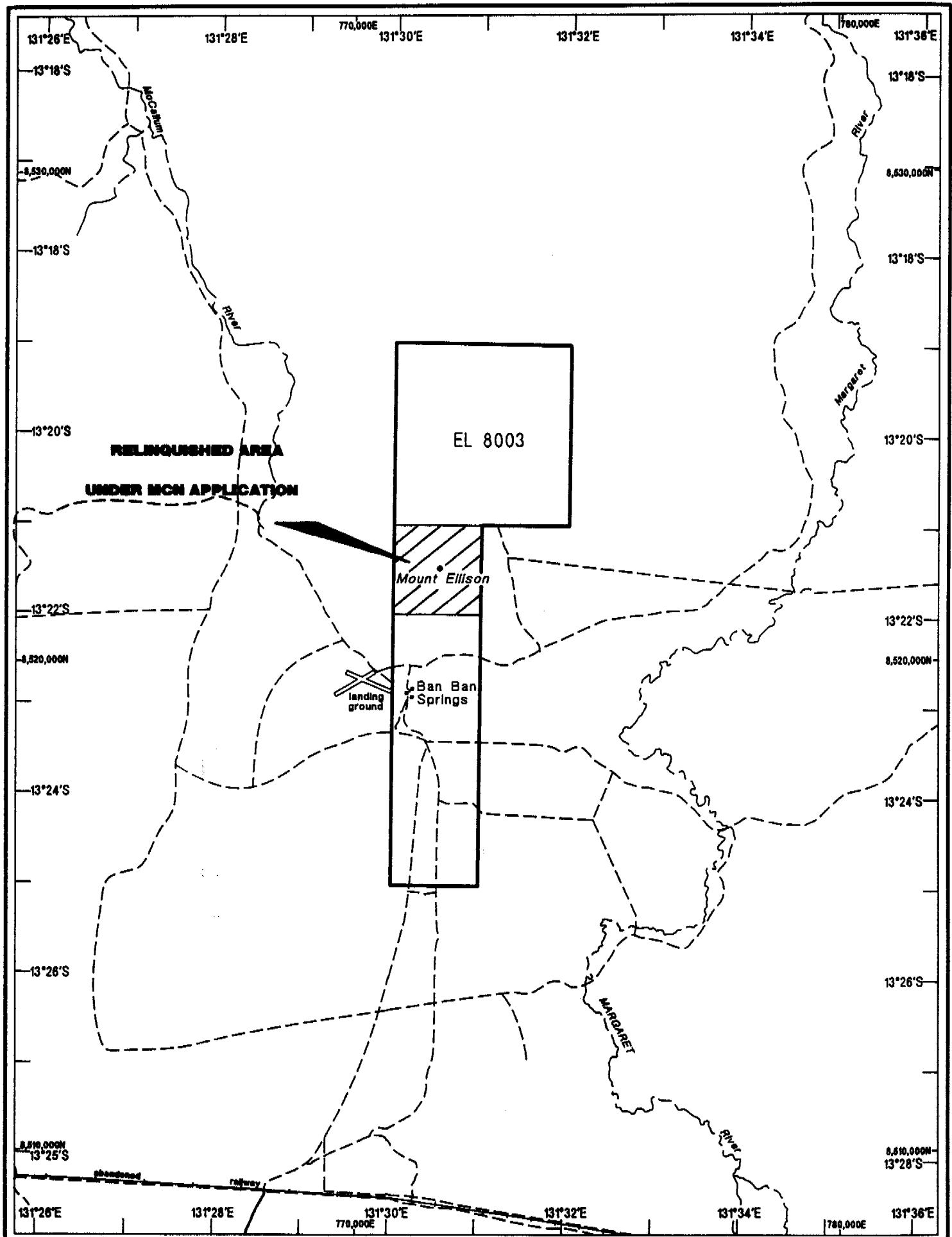
The area is accessed via station tracks from Ban Ban Springs homestead.

EL8003 was granted to Dominion Gold Operations on 27 April 1993 for a period of five (5) years. Three (3) blocks were relinquished on 24 March 1995. Mineral claim applications were submitted for one block on the 9 June 1995 by Territory Goldfields. The remaining portion of the tenement was acquired by Territory Goldfields NL in May 1995 from Dominion.

## **3.0 GEOLOGY**

### ***3.1 Regional Geology***

The Pine Creek Inlier is a roughly triangular area of about 66,000km<sup>2</sup> south and east of Darwin, which contain Early Proterozoic metasedimentary rocks resting on a gneissic and granitic archaean basement. The metasediments represent fluviatile, shallow water and intertidal basinal sequence up to 14km thick (Needham et al, 1980).



1 : 100,000

0 1 2 3 4  
kilometres

**HOMESTEAD EL 8003  
TENEMENT MAP**

PROJECT: WOOLWONGA NORTH STATE: N.T.

ORIGINATOR: R.Motton Date: May 1994 DRAWN\REVISED: J.V. May 1994

SCALE: 1 : 100,000 FIGURE No: 1 PLAN No: 2D-T96



**Dominion Mining Limited**

During the Top End Orogeny (1870-1780Ma) the rocks were metamorphosed to mainly greenschist facies, however, amphibolite facies dominates in the northeast in the Alligator Rivers region. Proven Archaean rocks are restricted to mainly granite-gneiss of the Rum Jungle, Waterhouse and Nanambu Complexes which formed mantled gneiss domes near the presently exposed western and eastern margins of the inlier.

The sedimentary rocks are mainly shale, siltstone, sandstone, conglomerate, carbonate rocks and iron formations. Felsic to mafic volcanism and associated tuffaceous sediments are also present. The sedimentary sequence is intruded by transitional igneous rocks including pre-tectonic dolerite sills and syn to post tectonic granitoid plutons and dolerite lopoliths and dykes. Largely undeformed platform covers of Middle Proterozoic to Mesozoic strata overlie this sequence.

### **3.2 Local Geology**

The Homestead EL8003 covers units of the South Alligator and Finniss River Groups of Lower Proterozoic sediments on the eastern contact of the Burnside Granite.

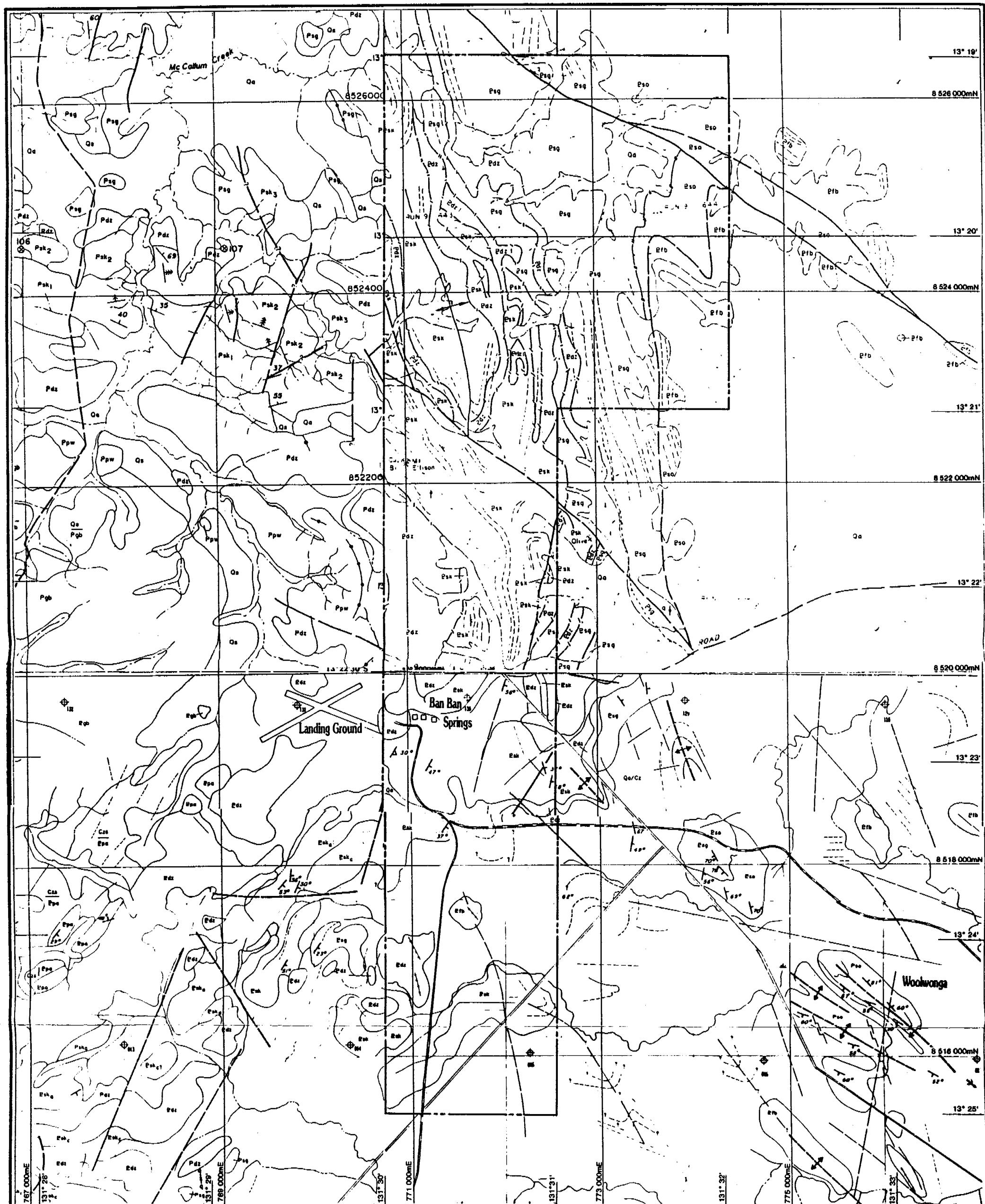
Dominant lithologies are the carbonaceous pelites of the Koolpin Formation, tuffs and pelites of the Gerowie Tuff and mixed sediments of the overlying Mt. Bonnie Formation. The Koolpin Formation and Gerowie Tuff units are both intruded by units of Zamu dolerite. (See Figure 2).

In general the Koolpin Formation outcrops as well defined strike ridges trending NNW. The areas of Gerowie Tuff and Mt. Bonnie Formation outcrop as low, scree covered, rises.

The area is structurally complex with evidence of cross faulting and strike faulting.

## **4.0 PREVIOUS EXPLORATION**

EL 8003 has been explored by a number of companies, including AAR Ltd., Geopeko Ltd., CSR Ltd., Magnum Gold NL, Zapapan NL and Rosequartz Mining Ltd. The main aspects of each of these companies activities are as follows:



**GEOLGY**

**CAINOZOIC**

- Quaternary** → **Qa**: Glaciation
- Qc**: Coastal plain
- Qg**: Deep - broad lacustrine plain

**Eocene**

**Mesozoic**

- Kr**: Unconsolidated sand
- Cts**: Shallow lacustrine
- Cst**: Shallow lacustrine

**PALAEOPROTEROZOIC** (UNCONFORMITY)

**Proterozoic**

- Ts**: Shallow lacustrine
- Tr**: Facies transition facies

**MIDDLE PROTEROZOIC** (UNCONFORMITY)

**Lower Proterozoic**

- S**: Seafloor spreading
- D**: Deep-sea spreading

Geology continued	
EARLY PROTEROZOIC UNCONFORMITY	
Cullen Granite	Felsic Coarse porphyritic granodiorite
McNamee Granite	Felsic Coarse amygdalitic granodiorite - biotite granite
Bearcat Grade	Felsic Moderate - biotite granodiorite
Trotter Granite	Felsic Porphyritic - interbedded biotite granite
Shantyridge Granite	Felsic Porphyritic amphibole granodiorite
Peters Spring Granite	Felsic Felsic + gray amphibolite - porphyritic granite
McNamee Granite	Felsic Felsic + green amphibolite or mafic

The figure is a geologic map of the Western Cordillera, spanning from the Pacific Ocean on the west to the interior plateau on the east. It shows the distribution of several geological units, each represented by a different pattern or color. The units include:

- Basin sediments**: Shown as light blue in the coastal areas.
- Andean gravels**: Shown as yellow-green in the central mountainous regions.
- Mesozoic-Cenozoic terrane**: Shown as orange in the southern coastal areas.
- Sedimented Andean basins**: Shown as pink in the central mountainous regions.
- Metasedimentary rocks**: Shown as grey in the northern coastal areas.

Major cities like Quito, Guayaquil, and Cuenca are indicated with dots. A legend at the bottom left identifies the patterns: a diagonal line for Basin sediments, a cross-hatch for Andean gravels, a horizontal line for Mesozoic-Cenozoic terrane, a vertical line for Sedimented Andean basins, and a solid grey box for Metasedimentary rocks. A scale bar at the bottom right indicates distances up to 100 km.

	Dominion Mining Limited
PROJECT:	WOOLWONGA NORTH
PROSPECT:	N.T.
<b>EL 8003</b> <b>FACT GEOLOGY</b>	
0    250    500    1000    1500    2000 metres	
ORIGINATOR:	R.M.
Date:	May 94
PLATE NO:	2
SCALE:	L.C.
DRAWN: 1:25000	
PLAN NO:	2D-G239

- AAR Ltd EL2103, 1980  
Extensive regional gridding, ground radiometrics and rock chip (40) sampling.
- Geopeko Ltd EL4177, 1984  
Stream sediment sampling and rock chip sampling, with diamond drilling at the old Mt. Ellison Cu mine and at various magnetic anomalies.
- CSR Ltd/Dominion JV EL4177, 1986  
Soil sampling (303) & rock chip sampling. Much of the soil sampling was arsenic assays only.
- Rosequartz Mining Ltd EL5589 & EL5835, 1988-1989  
Stream sediment (38) sampling, soil sampling (134 BLEG) and rock chip (265) sampling.
- Magnum Gold NL EL7373 & EL7148, 1992  
Stream Sediment (3) sampling, soil sampling (43 BLEG) and rock chip sampling (37).

## 5.0 DOMINION EXPLORATION

During the first year of tenure Dominion conducted gridding, soil sampling, rock chip sampling, stream sediment sampling, air core drilling and reverse circulation percussion drilling.

### 5.1 *Soil Sampling*

Soil sampling was carried out to test stream sediment anomalies from previous exploration.

At each site a single 2kg sample of soil was collected and sieved to -2mm. Samples were submitted to Amdel Laboratories, Darwin for analysis of Au, As, Cu, Bi and Mn and to Assaycorp, Pine Creek, for analysis of Au, Cu, Bi, As, Pb and Mn.

Sample numbers, locations and gold results are shown in Plate 1 and Appendix 1.

### 5.2 *Rock Chip Sampling*

Rock chip sampling was carried out in areas of anomalous stream sediment geochemistry. Samples were analysed for Au, Cu, As, Bi and Mn.

Sample numbers, locations and results can be seen in Plate 2 and Appendix 2.

### **5.3 *Stream Sediment Sampling***

Stream sediment samples were collected from selected sites. Samples were sieved to -2mm size fraction to collect a 2-3kg sample.

Samples were submitted to Assaycorp for analysis of Au, As, Bi, Cu and Mn. Sample locations, numbers and results can be seen in Plate 2 and Appendix 3.

### **5.4 *Aircore Drilling***

Aircore holes were drilled to saporditic bedrock on a 400m x 50m grid. Drilling was carried out by Tracey Drilling of Tennant Creek.

Samples were submitted to Amdel for analysis of Au, As, Cu and Bi. Samples numbers and locations are shown in Plate 3 and results in Appendix 4.

### **5.5 *R.C. Percussion Drilling***

Soil and aircore anomalies were followed up with R.C. drilling. Holes were sampled using 3m composites. Drilling was carried out by Gomex Drilling of Katherine using a truck mounted RCD drill rig.

Samples were submitted to Amdel, Darwin for analysis of Au, As, Cu and Bi.

Sample numbers and locations are shown in Plate 3 and results in Appendix 5.

No exploration was conducted over EL8003 during the second year of tenure. Work consisted of the compilation and review of all data.

## **6.0 REFERENCES**

Bredhauer, H. (1994) EL8003 - Homestead, Annual Report Year One of Tenure, 28 April 1993 to 27 April 1994. Unpublished report to the NTDME.

Fawcett, C.J., (1995) EL8003 - Homestead, Annual Report Year Two of Tenure, 28 April 1994 to 27 April 1995. Unpublished report to the NTDME.

Needham, R.S. , Crick, J.H. and Stuart-Smith, P.G. (1980)  
'Regional Geology of the Pine Creek Geosyncline' In Proceedings of the International Uranium Symposium. International Atomic Energy Agency, Vienna p1-22.

**APPENDIX 1**

**SOIL SAMPLE LOGS**

**AND**

**ASSAY RESULTS**



## DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: WOOLWONGA NORTH Prospect: AAR GRID & WMC GRID Page 1 of 1  
 Sample Type: SOL - 2mm Sampler: NTM Date: 4/8/93  
 Laboratory: ASSAYCORP AC 8868 Analytical Methods: FASOCR, AAS/MA-3

Co-ordinate/ Location	Description	Sample No. Prefix B19	Analysis				
			Au	As	Bi	Cu	Mn

12500N 32250E	Grey silt & Psk o/c Ssl.	D41007	1	304	<1	112	166
12500N 32200E	Fawn br. silt, Ssl, Qtzite & gV.	D41008	1	51	<1	24	184
12500N 32150E	Grey silt, Qtzite, Eg V, lam./Mn	D41009	<1	90	<1	29	279
12500N 32100E	Grey silt, Ssl s/crap & gV	D41010	<1	72	<1	53	201
12500N 32050E	Grey/fawn silt + Ssl s/crap	D41011	<1	84	<1	36	45
12500N 32000E	Fawn br. silt & Ssl & gV	D41012	2	243	5	49	32
12500N 31950E	Fawn/grey silt + qtz screen + Ssl scrap	D41013	<1	67	1	42	364
12500N 31925E	Red br. silt + Fe coated gV + Ssl	D41014	3	58	<1	46	986
12500N 31900E	Red br. silt + Pdz s/crap + Fe cont gV	D41015	4	42	<1	41	108
12500N 31850E	Red br. silt + Pdz + gV screen	D41016	3	56	<1	54	783
12500N 32300E	Grey silt + Psk Ssl scrap, No qtz	D41017	2	33	<1	89	196
12500N 32350E	Fawn br. silt + Ssl screen	D41018	3	45	<1	78	98
12500N 32400E	Red clay after Pdz rare qtz float	D41019	4	41	<1	41	158
12500N 32450E	Red clay after Pdz o/c 20m n	D41020	3	32	<1	60	73
12500N 32500E	Red clay after Pdz s/crap	D41021	3	76	<1	61	137
12500N 32550E	Red clay, Pdz; clv/a/v.	D41022	3	216	<1	108	85
12500N 32600E	Red clay, gV float, gossanous float	D41023	4	118	<1	66	94

Remarks



# **DOMINION MINING LIMITED**

## **GEOCHEMICAL SAMPLING**

Natalia  
AA501LSxLS

Project: WOOLNONGA NORTH

Prospect: MT. ELLISON  
AAR - EL8003

Page / of /

Sample Type: Soil (-1.56 mm)

Sampler: A. T. MOTTON

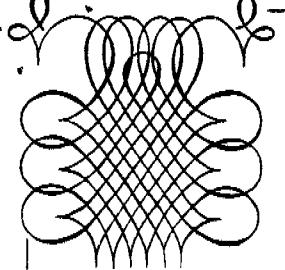
Date: 18/11/93

Laboratory: AMDCL 3DN 1145

Analytical Methods: AAS

---

**Remarks**



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ASSAY CODE: AC 08868

Dominion Mining Ltd

Distribution

*N.T.Motton.*

Client Reference: 2613/Motton

Date Received:

07/08/1993

Project :

Number of Samples:

37

Cost Code:

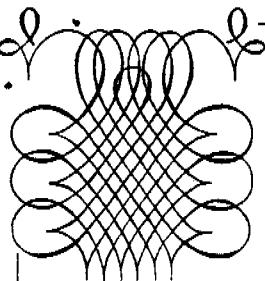
Sample Preparation

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

EL8003

Authorisation: Ray Wooldridge

Report Dated: 23/08/1993



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ASSAY CODE: AC 08868

Page 1 of 2

Sample	Au (ppb)	Au(R) (ppb)	As (ppm)	Bi (ppm)	Cu (ppm)	Mn (ppm)
D 41007	1		304	<1	112	166
D 41008	1		51	<1	24	184
D 41009	<1	<1	90	<1	29	279
D 41010	<1		72	<1	53	201
D 41011	<1		84	<1	36	452
D 41012	2		243	5	49	329
D 41013	<1	1	67	1	42	364
D 41014	3	3	58	<1	46	986
D 41015	4	3	42	<1	41	1081
D 41016	3	4	56	<1	54	783
D 41017	2	1	33	<1	89	196
D 41018	3		45	<1	78	983
D 41019	4		41	<1	41	1582
D 41020	3	5	32	<1	60	733
D 41021	3	4	76	<1	61	1377
D 41022	3		216	<1	108	854
D 41023	4	3	118	<1	66	946



# DOMINION MINING LIMITED

## GEOCHEMICAL SAMPLING

Project: WOOLWONGA NORTHProspect: MAR - EL 8003

Page 3 of 4

Sample Type: SOIL - 2mmSampler: N ThyDate: 7/7/93Laboratory: AMDEL 3DN 0568

Analytical Methods:

Co-ordinate/ Location	Description	Sample No. Prefix B/9	Analysis			
			Au	As	Mn	Bi

13750N 32500E	Osa ALB7, Rvg & Smdg op	359	8	110	2250	1.1
13750N 32550E	Osa LB6, Rvg & Sct E slope	360	4	52	1890	1.0

13750N 32450E	Osa RB7, alv, Sct/Sst col, Rvg	363	14	140	2540	3.5
13750N 32400E	Osa RLB6, Smld? col	364	4	64	1370	2.0
13750N 32350E	Osa A6, alv silt	365	6	42	960	1.4
13750N 32300E	Osa RB7 Smld elv, E slope	366	3	56	1080	1.1
13750N 32250E	Osa RB7, fer, Smld ocp, E slope	367	2	58	1000	1.7
13750N 32200E	Osa LB6, Smld/Sst elv, W slope	368	4	26	780	0.5
13750N 32150E	Osa LB6, Sst/Smld elv, W slope	369	3	32	720	0.5
13750N 32100E	Osa ALB6, Smld elv/col, W slope	370	4	40	520	0.6
13750N 32050E	Osa ALB6, Smld col	371	3	40	650	0.9
13750N 31990E	Osa ALB6, Smld (Psk) elv, E slope	372	4	46	155	0.4
13750N 31950E	Osa A6, Sct/Smld, E slope	373	<1	200	170	1.3
13750N 31900E	Osa A6, Sct/Smld, E slope	374	1	92	290	0.7

Remarks



# **DOMINION MINING LIMITED**

## **GEOCHEMICAL SAMPLING**

Project: WOOLWONCA NORTH Prospect: AAR GRID - EL8<sup>003</sup> Page 4 of 4  
Sample Type: Soil - 2mm Sampler: NTM Date: 6/7/93  
Laboratory: ANDOL 317N 0568 Analytical Methods: AA9, AA6H

**Remarks**



## DOMINION MINING LIMITED

GEOCHEMICAL SAMPLING

AAR GRID

Project: WOOLWONGA NORTHERN

Prospect: MT. ELLISON

Page 1 of 2

1/1

Sample Type: SOIL - 1.56 mm

Sampler: ATM

Date: 12/10/93

Laboratory: 4C10435

Analytical Methods:

Co-ordinate/ Location	Description	Sample No. Prefix B19	Analysis			
			Au	As	Cu	Bi
13250N 31250E	Osa A3, Snd ocp, (Psk), 92 40% HILETON	701	7	28	174	10
13250N 31300E	Osa AB3, Snd ocp, (Psk), 92 5%, 5°NE	702	2	56	142	10
13250N 31350E	Osa A3, Snd ocp gos N, 92 4%, 10°N	703	2	10	232	5
13250N 31400E	Osa A3, Snd AB3 ocp, Rvg ocp 92 30% 5°N	704	5	46	165	12
13250N 31450E	Osb A/B3, Snd elv (Psk) fer, 92 5%	705	<1	42	107	4
13250N 31500E	Osa A3, Snd screen, 92 5%, 8°W	706	<1	54	126	1
13250N 31200E	Osa A2, Snd/Ssl/Rvg elv, fer-gos 5°N	707	<1	70	108	6
13250N 31150E	Osa AB4, Snd/Ssl, Rvg fer ctg ocp 3°W	708	3	6	101	<1
13250N 31100E	Osa B4, Snd elv, possibly Cd/l contact 21.92 3°W	709	2	3	80	<1
13250N 31050E	Osa R4, 92 5% col, Cd/l fit, 3°NW D.	710	3	5	101	2
13250N 31000E	Osa R3, 92 3%, elv, 3°N D.	711	4	<1	226	3
13250N 30950E	Osa R3, Cd/l elv, <1% 92, 2°NW	712	3	<1	186	2
13250N 30900E	Osa R3, clv/elv, No rocks, 1°N D.	713	3	11	243	4
13250N 30850E	Osa B3, clv, No rocks 1°N D.	714	6	2	144	16
13250N 30800E	Osa B3, elv clay, 1% 92 fit D.	715	5	4	79	3
13250N 30750E	Osa R3, nearby Cd/l ocp, clv 1°N D.	716	3	14	54	<1
13500N 31250E	Osa AB, Snd ocp, 5°NW, 2% 92	717	<1	6	135	1
13480N 31300E	Osa B3, Snd elv, 5% 92, 5°N	718	<1	18	174	2
13500N 31350E	Osa BA2, Rvg elv/Snd elv, 80% 92 8°SW	719	3	21	41	<1
13500N 31200E	Osa BA2, Snd ind, Rvg ocp 10°E, 5°NW	720	2	16	185	4
13500N 31150E	Osa A3, Rvg ocp, Snd Avug, 8°E	721	1	15	163	1
1349 N 31100E	Osa A3, Rvg ocp, Snd, 5°W	722	1	63	332	6
13500N 31050E	Osa A3, Ssl/Sct, 92 30%, N, 5°S	723	1	19	123	2
13500N 31000E	Osa A3, Ssl/Sct, 92 10%, elv, 5°S	724	<1	48	147	18
13500N 30950E	Osa A3, Ssl elv, 92 2% fit, 5°SW	725	1	18	104	2
13500N 30900E	Osa R3 Rvg ocp, Cd/l/Snd contact 3°SW	726	1	41	89	1
13500N 30850E	Osa RB3, Snd clv, 92 2%, 3°SW	727	10	20	100	3
13500N 30750E	Osa R3, Rvg & Cd/l ocp fer, 2°N	728	9	1	170	5
13750N 31150E	Osa A3, Snd/Ssl/Sct elv, 92 30%, 5°SW	729	2	30	72	1
13770N 31100E	Osa A3, Snd/Ssl/Sct elv, 3°SW	730	2	22	59	<1

Remarks D. - drilling required to attain basement geology



# **DOMINION MINING LIMITED**

## **GEOCHEMICAL SAMPLING**

Project: WOOLWONGA NORTY

Prospect: MT. ELLISON

Page 2 of 2

Sample Type: SOIL -1.5G mm

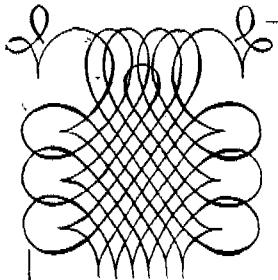
Sampler: STM

Date: 12/10/93

Laboratory: 4C 10435

**Analytical Methods:** \_\_\_\_\_

**Remarks**



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ASSAY CODE: AC 10435

Dominion Mining Ltd

Distribution

N.Motton

Client Reference: 20976

Date Received:

12/10/1993

Project :

Number of Samples:

36

Cost Code:

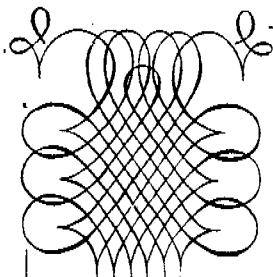
Sample Preparation

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

EL 8003 - AAR  
grid  
Soils. - 1/16"

Authorisation: Ray Wooldridge

Report Dated: 22/10/1993



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

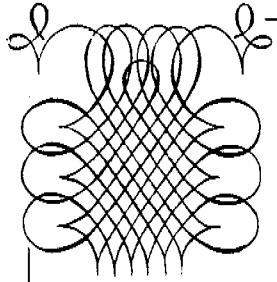
Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 10435

Page 1 of 2

Sample	Au (ppb)	Au(R) (ppb)	As (ppm)	Cu (ppm)	Bi (ppm)
B 19701	7	5	28	174	10
B 19702	2		56	142	10
B 19703	2		10	232	5
B 19704	5	4	46	165	12
B 19705	<1		42	107	4
B 19706	<1		54	126	1
B 19707	<1		70	108	6
B 19708	3		6	101	<1
B 19709	2		3	80	<1
B 19710	3		5	101	2
B 19711	4		<1	226	3
B 19712	3		<1	186	2
B 19713	3		11	243	4
B 19714	6	6	2	144	16
B 19715	5		4	79	3
B 19716	3		14	54	<1
B 19717	<1		6	135	1
B 19718	<1		18	174	2
B 19719	3		21	41	<1
B 19720	2		16	185	4
B 19721	1		15	163	1
B 19722	1		63	332	6
B 19723	1		19	123	2
B 19724	<1	1	48	147	18
B 19725	1		18	104	2



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 10435

Page 2 of 2

Sample	Au (ppb)	Au(R) (ppb)	As (ppm)	Cu (ppm)	Bi (ppm)
B 19726	1		41	89	1
B 19727	10		20	100	3
B 19728	9	10	1	170	5
B 19729	2		30	72	1
B 19730	2		22	59	<1
B 19731	1		58	1945	10
B 19732	<1		82	675	3
B 19733	3		9	290	2
B 19734	<1	<1	47	140	20
B 19735	<1		18	92	6
B 19736	40	31	49	123	82



# DOMINION MINING LIMITED

MR

## GEOCHEMICAL SAMPLING

Project: WOOLWONGA NORTHERN

Prospect: EL 8003 (AAR)

Page 1 of 1

Sample Type: SOIL - 2mm

Sampler: NTHY

Date: 24/8/93

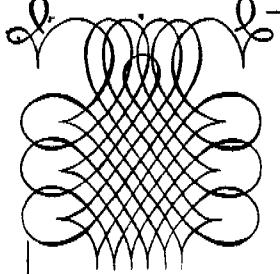
Laboratory: ASSAY CORP 9311

Analytical Methods: FA 50, AAS/MA-3

Co-ordinate/ Location	Description	Sample No. Prefix D44	Analysis			
			Au	Au(k)	As	Bi

13490N 32325E	Osg - red fawn br. Slope 8° E Snd ocp	902	9		21	1
13500N 32275E	Osg - chocolate grey, Snd ocp 6° NE	903	4		46	3

Remarks DRILLING REQUIRED DUE TO OVERBURDEN



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 09311

Dominion Mining Ltd

Distribution

N.Motton

Client Reference: 20969

Date Received:

25/08/1993

Project :

Number of Samples:

28

Cost Code:

Sample Preparation

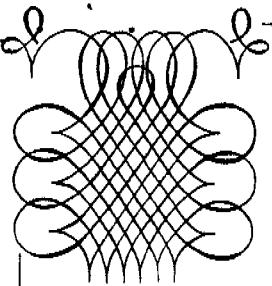
Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	1	ppb
Au(R)	FA50	Acc. $\pm$ 15%	1	ppb
As	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Bi	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

WWLGA Month

CL8003

Authorisation: Ray Wooldridge

Report Dated: 09/09/1993



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

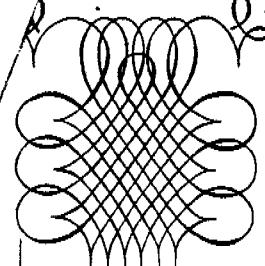
Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 09311

Page 1 of 2

Sample	Au (ppb)	Au(R) (ppb)	As (ppm)	Bi (ppm)	Mn (ppm)
D44902	9		21	1	753
D44903	4		46	3	909



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Faximile (089) 76 1310

ASSAY CODE: AC 08642

Dominion Mining Ltd

Distribution

N T Motton

Client Reference: 6387

Date Received:

28/07/1993

Project :

Number of Samples:

183

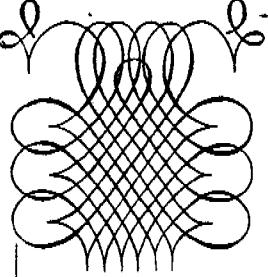
Cost Code:

Sample Preparation

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

M'Callum Creek  
WWG, A.Mth.

Authorisation: Ray Wooldridge  
Report Dated: 05/08/1993



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

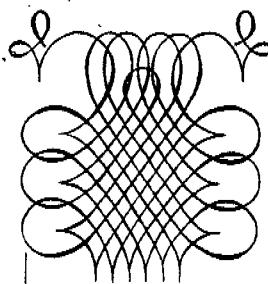
Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 08642

Page 4 of 8

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	As (ppm)	Bi (ppm)
B19527	3		69	23	42	<1
B19528	3		58	24	83	<1
B19529	5		47	19	8	<1
B19530	13	8	70	29	65	2
B19531	3		49	16	17	<1
B19532	2		39	23	14	<1
B19533	3		71	18	9	<1
B19534	5		96	19	10	<1
B19535	3		75	16	6	<1
B19536	7		85	10	25	<1
B19537	6		31	7	18	<1
B19538	3		67	13	42	1
B19539	2	2	85	14	65	<1
B19540	2		86	12	27	<1
B19541	5		78	22	33	<1
B19542	9	13	74	10	50	<1
B19543	7		114	21	51	<1
B19544	2		109	27	26	<1
B19545	6		62	25	26	<1
B19546	7		92	67	150	1
B19547	5	3	171	81	41	<1
B19548	7		193	140	45	1
B19549	5		144	98	28	<1
B19550	3		29	50	10	<1



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

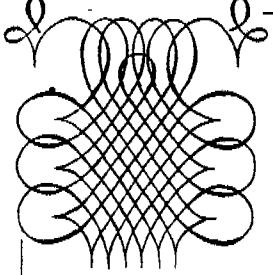
Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 08642

Page 5 of 8

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	As (ppm)	Bi (ppm)
B19551	15	7	44	1018	220	<1
B19552	10	6	69	19	24	<1
B19553	180	240	51	12	38	<1
B19554	240	245	49	4	58	<1
B19555	265	265	50	9	49	<1
B19556	15	14	47	10	11	<1
B19557	125	94	64	9	42	<1
B19558	78	59	52	10	39	<1



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

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Faxsimile (089) 76 1310

ASSAY CODE: AC 08642

Page 8 of 8

Sample	Au (ppb)	Au(R) (ppb)	Cu (ppm)	Pb (ppm)	As (ppm)	Bi (ppm)
B19630	6		170	54	20	1

Final

## ANALYTICAL REPORT

SAMPLE	Au	AuDp1	Mn	As	Bi
B 19359	0.008	--	2250	110	1.1
B 19360	0.004	0.003	1890	52	1.0
B 19363	0.014	--	2540	140	3.5
B 19364	0.004	--	1370	64	2.0
B 19365	0.006	--	960	42	1.4
B 19366	0.003	--	1080	56	1.1
B 19367	0.002	--	1000	58	1.7
B 19368	0.004	--	780	26	0.5
B 19369	0.003	--	720	32	0.5
B 19370	0.004	--	520	40	0.6
B 19371	0.003	--	650	40	0.9
B 19372	0.001	--	155	46	0.4
B 19373	<0.001	--	170	200	1.3
B 19374	0.001	--	290	92	0.7
B 19375	0.004	--	1520	48	0.7
B 19376	0.003	--	460	70	5.5
B 19377	0.002	0.001	240	125	1.4
B 19378	0.005	--	510	68	2.0
B 19379	0.10	0.23	1320	24	1.6
B 19380	0.004	--	660	46	2.6
B 19381	0.007	--	2010	42	3.3
B 19382	0.001	--	1200	68	3.7
B 19383	0.001	--	1630	78	1.1
B 19384	<0.001	0.001	460	105	1.1
B 19385	<0.001	--	250	40	1.1
B 19386	<0.001	--	310	770	4.0
B 19387	<0.001	--	280	92	2.7

UNITS	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.001	0.001	4	0.2	0.1
SCHEME	AAS9	AAS9	AAS1	AA6H	AA6H
				XRF1	

**APPENDIX 2**

**ROCK CHIP SAMPLING LOGS**

**AND**

**ASSAY RESULTS**



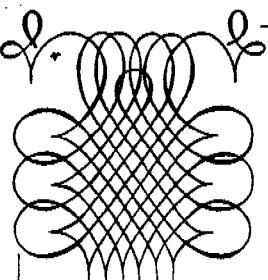
## DOMINION MINING LIMITED

R

GEOCHEMICAL SAMPLINGProject: WOLLONGA NORTHProspect: EL 8003 - GRID <sup>AAR</sup> Page 1 of 2Sample Type: ROCK CHIPSampler: NTMDate: 24/8/93Laboratory: ASSAY CORP AC 9312Analytical Methods: FASO, AAS/MA-3

Co-ordinate/ Location	Description	Sample No. Prefix D41	Analysis			
			Au	Cu	As	Bi

13501N 32301E	Sgt - sugary & rare vgz	041	<0.01	28	28	4
14100N 32493E	Vgz - in Gd1	042	0.01	53	108	9
14100N 32484E	Vgz - red coating	043	<0.01	17	13	41
14100N 32460E	Vgz - in Gd1 - red coating	044	0.08	24	35	5
14020N 32450E	Vgz - red fe coating	045	<0.01	16	17	41



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 09312

Dominion Mining Ltd

Distribution

N.Motton

Client Reference: 20970

Date Received: 26/08/1993

Project :

Number of Samples: 33

Cost Code:

Sample Preparation

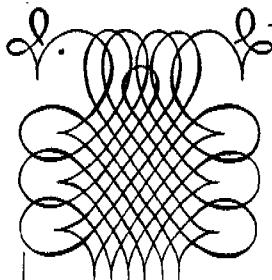
Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	FA50	Acc. $\pm$ 15%	0.01	ppm
Au(R)	FA50	Acc. $\pm$ 15%	0.01	ppm
Cu	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
As	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Bi	AAS/MA-3	Prec. $\pm$ 10%	1	ppm
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm

EL 8003

Rock chips from  
soil monoliths.

Authorisation: Ray Wooldridge

Report Dated: 12/09/1993



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Faxsimile (089) 76 1310

ASSAY CODE: AC 09312

Page 1 of 2

Sample	Au (ppm)	Au(R) (ppm)	Cu (ppm)	As (ppm)	Bi (ppm)	Mn (ppm)
D41041	<0.01		28	28	4	263
D41042	0.01		53	108	9	316
D41043	<0.01		17	13	<1	521
D41044	0.08		24	35	5	185
D41045	<0.01		16	17	<1	186

**APPENDIX 3**

**STREAM SEDIMENT SAMPLE LOGS  
AND  
ASSAY RESULTS**



# **DOMINION MINING LIMITED**

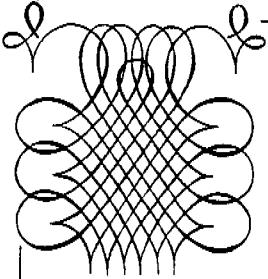
## **GEOCHEMICAL SAMPLING**

Project: WOOLNONGA NORTH Prospect: MT. ELLISON Page 1 of 1  
-1.56m  
Sample Type: SERAM SEDIMENT Sampler: N/A Date: 1/10/93  
Laboratory: ASSAYCORP AC 10265 Analytical Methods: BLEG/2KG : AAS/MA-3

## **Remarks**

Prefix	SAMPLE	AMEMN	ANALYST	PROJECT	TYPE	Colour	Material	Erosion Au BLEE	-60%As ppm
--------	--------	-------	---------	---------	------	--------	----------	-----------------	------------

B	18829	8810980	771730	Ban	Ban sed.-2mm	wet sieved	gravel	active	
B	18830	8821160	771350	Ban	Ban sed.-2mm	red	clay	passive	



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 08341

Dominion Mining Ltd

Distribution

N.Motton

Client Reference: 20955

Date Received: 12/07/1993

Project :

Number of Samples: 11

Cost Code:

Sample Preparation

Analysis	Analytical Technique	Precision & Accuracy	Detection Limit	Data Units
Au	BLEG/2Kg	Prec. $\pm$ 15%	0.1	ppb
Mn	AAS/MA-3	Prec. $\pm$ 10%	2	ppm
As	AAS/MA-3	Prec. $\pm$ 10%	1	ppm

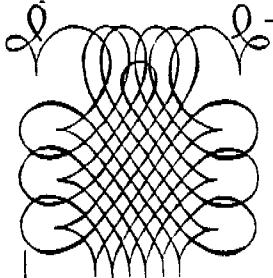
*Short fall.*

EL8003

WUGA NTH.

Authorisation: Ray Wooldridge

Report Dated: 18/07/1993



# ASSAYCORP PTY LTD

A.C.N. 052 982 911

174 Ward Street, Pine Creek, N.T. 0847

P.O. Box 41, Pine Creek, N.T. 0847

Telephone (089) 76 1262

Facsimile (089) 76 1310

ASSAY CODE: AC 08341

Page 1 of 1

Sample	Au (ppb)	Mn (ppm)	As (ppm)
B18829	19.2	504	70
B18830	4.3	760	1

**APPENDIX 4**

**AIRCORE LOGS**

**AND**

**ASSAY RESULTS**


**DOMINION MINING LIMITED**
**VACUUM DRILL LOG**

 Contractor: REG. TRALEY - AIR CORE

 Project: WOLWONGA NORTH

 Logged: 17m

 Prospect: AAR - EL 8003

 Page 3 of 3

 Sampled: 8,00x

 Date: 26/10/93

Hole No.	Co-ordinates	Sloped Vector	Primary Descriptor	Secondary Descriptor						Remarks	Sample No.	Interval	Au	As	Depth	E m Blade	E m Hammer	
				Alt	Comp	Mnvn	Rock	Text	Welt									
AAC.34	14100N 3251SE	1° SE	Ss1 LB6 clv	asr	-	-	-	gzvf	wchl	bare @ 8.8m	D41712	2.7-3	6	10	3			
AAC.35	14100N 3255OE	2° SE	Ss1 LB5 Rng	-	cly	81°	qz	-	gzvf	wchl		D41713	2.7-3	11	15	3		
AAC.36	14100N 3251SE	2° SE	Ss1 LB6	fer	cly	-	-	gzvf	wchl	Psg?	D41714	2.7-3	3	40	3			
AAC.37	14100N 3250OE	3° SE	Snd ANT ch	-	-	-	-	gzvf	wchl	PsK!	D41715	1.7-2	14	60	2			
AAC.38	14100N 3247SE	3° SE	Grd1 LB6	-	-	-	-	gzmf	wchl		D41716	1.7-2	6	10	2			
AAC.39	14100N 3245OE	2° E	Gpp AB6	-	-	81°	qz	-	gzmf	wchl	hard	D41717	1.7-2	160	360	2		
AAC.40	14100N 3242SE	2° E	Ss1 LB7	fer	-	-	-	gzvf	wchl	platian	D41718	2.7-3	4	15	3			
AAC.41	13900N 3250OE	3° NW	Ss1 LB3	-	-	-	-	gzvf	wchl		D41719	1.7-2	5	25	2			
AAC.42	13900N 3247SE	1° NE	Ss1/Scf LB5 Rng?	-	-	101°	qz	-	gzvf	wchl	creek. Rng?	D41720	1.7-2	3	90	2		
AAC.43	13900N 3245OE	2° NE	Ss1? LB6 Rng	fer	-	201°	qz	-	gzvf	wchl	HOLE ABD.	D41721	2-2.2	2	115	2.2		
AAC.44	13900N 3242SE	2° E	Gpp? LB4 powder	-	-	-	-	gzmf	wchl	possibly Gd1	D41722	2.7-3	5	25	3.			
AAC.45	13900N 3240OE	1° E	Gd1 LB5	-	-	-	-	gzmf	wchl		D41723	2.7-3	12	65	3.			
AAC.46	13900N 3237SE	2° E	Gd1? LB5	-	-	-	-	gzvf	wchl		D41724	1.7-2	8	35	2			



21 Marjorie Street, Berrimah, Northern Territory  
Postal Address : P.O. Box 58, Berrimah, N.T. 0828  
Telephone: (089) 322 637 Facsimile: (089) 323 531

Mr. N. Motton  
Exploration Division  
Dominion Mining Limited  
PO Box 37321  
WINNELLIE  
NT 0821

ANALYSIS REPORT :

Your Reference : 20991

Our Reference : 3DN1015

Samples Received : 27/10/93  
Number of Samples : 58

Results Reported : 01/11/93  
Report Pages : 1 to 2

This report relates specifically to the samples tested in so far as the samples supplied are truly representative of the sample source.

If you have any enquiries please contact the undersigned quoting our reference as above.

EL8003

W.W. Legg Mth

(Am Done)

Report Codes:

N.A. -Not Analysed

L.N.R. -Listed But Not Received

I.S. -Insufficient Sample

A. Ciplys,  
Approved Signature:

for

93AAAL001-051

ALAN CIPLYS  
Manager - Darwin  
AMDEL LABORATORIES LIMITED  
A.C.N. 009 076 555

Final

## ANALYTICAL REPORT

SAMPLE	Au	AuDpl	As	Cu	Bi
--------	----	-------	----	----	----

D41712	0.006	--	10	140	<1
D41713	0.011	--	15	130	<1
D41714	0.003	--	40	95	2
D41715	0.014	0.012	60	93	<1
D41716	0.006	--	10	24	<1
D41717	0.16	0.20	360	92	1
D41718	0.004	--	15	195	<1
D41719	0.005	--	<5	62	<1
D41720	0.003	--	90	175	<1
D41721	0.002	--	115	95	<1

UNITS	ppm	ppm	ppm	ppm	ppm
DET. LIM	0.001	0.001	5	1	1
SCHEME	AA9	AA9	AA9	AA9	AA9

Final

## ANALYTICAL REPORT

SAMPLE	Au	AuDp1	As	Cu	Bi
D41722	0.005	--	<5	16	<1
D41723	0.012	--	65	145	4
D41724	0.008	--	35	14	<1

ITEMS	ppm	ppm	ppm	ppm	ppm
DETAILED SCHEME	0.001	0.001	0.001	0.001	0.001
	AA9	AA9	AA9	AA9	AA9

## **APPENDIX 5**

**RC DRILL LOGS**

**AND**

**ASSAY RESULTS**



DOMINION MINING LIMITED

## DRILL SUMMARY

Hole No.	93AAR.C.001	Project	WODLUONGA NORTH	Drill Type	RCP
Prospect	AAR GRID - CATTLEYARDS	Location	BAN BAN STATION	Size	
Co-ords	N E	RL		Pre Collar	
Logged by	NTM	Hole Commenced	Drilled by	RSTAMEC 50	Core
Sampled by	D8	Hole Completed	Rig Type	OTEX 2	Total Depth
Survey	Depth				
	Inclination				
	Azimuth ( )				
Purpose					

## Geological Summary

PAGE 1 OF 2

AMDEL  
JOB NO. 3DN1182E210 Series by Au FA1  
D586 " " Au AA7

RESPLITS

## Significant Assays

From	To	Metres	Au	As	Cu	Bi	No.	Remarks
15	18	3	0.34	180	160	21	D58667	
15	16	1	0.21	180	170	5	E21035	$\bar{x} = 0.2$
16	17	1	0.49	200	130	8	E21036	% change = 76%.
17	18	1	0.08	160	155	4	E21037	OK
18	21	3	0.27	1900	220	4	D58668	
18	19	1	0.22	1500	220	7	E21038	$\bar{x} = 0.28$ (Au)
19	20	1	0.25	2700	210	6	E21039	( % change = 102%.
20	21	1	0.36	1200	240	10	E21040	OK
21	24	3	0.45	4290	145	9	D58669	
21	22	1	0.66	4350	120	14	E21041	$\bar{x} (Au) = 0.39$
22	23	1	0.25	1500	160	8	E21042	( % change = 87%.
23	24	1	0.26	520	165	12	E21043	OK



DOMINION MINING LIMITED

## DRILL SUMMARY

Hole No.	93PARC.001	Project	WOOLNONGA NORTH	Drill Type	RCP
Prospect	CATTLEYARDS	Location	BAN	BAN	Size
Co-ords N	E	RL			Pre Collar
Logged by	NJW	Hole Commenced		Drilled by	GOMEK
Sampled by	DB	Hole Completed		Rig Type	ROTAMEC 50
Survey	Depth				Total Depth
	Inclination				
	Azimuth ( )				
Purpose					

Geological Summary

PAGE 2 OF 2

AMDZL  
JOB. NO. 3DN1182

## RESPLITS

## Significant Assays

From	To	Metres	Au	As	Cu	Bi	Nb.	Remarks
30	33	3	0.84	150	160	1	D58672	
30	31	1	0.28	190	140	7	E21044	$\% \text{ change} = 0.93$
31	32	1	1.45	30	165	8	E21045	$\% \text{ change} = 110\%$
32	33	1	1.05	<20	91	6	E21046	OK
33	36	3	0.57	340	115	<1	D58673	
33	34	1	0.61	160	62	3	E21047	$\% \text{ change} = 0.58$
34	35	1	0.63	430	150	3	E21048	$\% \text{ change} = 101\%$
35	36	1	0.49	700	195	4	E21049	OK
36	39	3	0.24	630	200	<1	D58674	
36	37	1	0.26	900	200	6	E21050	$\% \text{ change} = 0.16$
37	38	1	0.13	420	220	3	E21051	$\% \text{ change} = 67\%$
38	39	1	0.10	60	175	4	E21052	OK
39	42	3	0.42	310	340	3	D58675	
39	40	1	0.15	170	220	5	E21053	$\% \text{ change} = 0.45$
40	41	1	0.35	390	280	6	E21054	$\% \text{ change} = 107\%$
41	42	1	0.84	420	420	9	E21055	OK



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## DRILL LOG

Method: RC PERC. Project: INIGA NORTHERN Prospect: COTTLECARDS - AAR Hole No: ARK.01

EL 8003

Collar co-ordinates:

Nominal N: 111090

E: 32462

Surveyed N:

E:

RL:

Inclination: 60°

Azimuth: 267° (mag)

Date: 10/11/93

Logged:

MAG

Sampled:

Doug. B

Laboratory: AMDEL

Analytical Method: AAT

Job No: 3DN 1116

Downhole Survey?:

Depth From	Depth To	Lithology Code	Description	Rvg	Mineralization		Sample No's Prefix DS8	Assay Results			
					Py	As		Au	As	Cu	Bi
0	1	Ucy	RB7, trace clv, fer		Py						
2	3	Gdl? Gpp	RB7, gap, asr, clv, whl, gzm, fer; Rvg? buck white	10%							
3	4	Gdl? Gpp	RB7, gap, clv, whl, gzm, fer		2%		662 (6.3)	0.33	450	115	<1
4	5	Gdl? Gpp	YOB7, whl, gzm, lim. (trace); Rvg W to A2, massive, buck	10%							
5	6	Gdl? Gpp	YOB7, whl, gzm, lim.; Rvg W, massive, buck	5%							
6	7	Gpp	YOB7, whl, gzm, lim.; Rvg W, massive, buck, & poor return o-6s	5%			663	0.15	730	105	<1
7	8	Gpp	YOB6, whl, gzm, 92 grains, lim; Rvg W, massive, buck	2%							
8	9	Gpp/RFe	OB7, clv, gzm, common lim., Rvg /RFz	5%							
9	10	Sct/Gpp	Gpp-minor, YOB6, whl, gzm & Sct-bix, lim, As, wood	5%			664	0.14	500	90	<1
10	11	Gpp	AL6, wood, as, lim & trace sulphide (diss, grf)								
11	12	Gpp/Sct	AL6, wood, as, lim (common), py? (minor) dis. grf, ash	1% 2%							
12	13	Gpp?	AB6, wood, lim (common), as	<1%			665	0.25	430	76	<1
13	14	Gpp	A7, wet to fresh, minor lim., minor py., as, Box	2%							
14	15	Gpp	A7, fresh, as, gzm/c	2% 5%							
15	16	Gpp?	A7, fresh, as, gzm/c; py, dis, grf	Rvg	5% 5%		666	0.24	65	190	<1
16	17	Gpp?	A7, fresh, as, gzm; py, dis, grf; wet	Rvg	5% 5%						
17	18	Gdl?	A8, fresh, as, gzm, hb; py, dis, grf;		1% 1%						
18	19	Gdl	A8, fresh, as, fe, gzm	Rvg	2% 1%		667	0.34	180	160	<1
19	20	Gpp	A7, fresh, as, gzm, gzy; py, dis & mass.	Rvg	1% 5%						
20		Gpp	A7, fresh, as, gzm, gzy; py-dis	Rvg	1% 2%						



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## DRILL LOG

Method: RC PERC. Project: LUNGAT N. Prospect: CATTLEYARDS Hole No: HRC.01  
 Collar co-ordinates: Nominal N: 14090 E: 32462 Surveyed N: E: RL:  
 Inclination: 60° Azimuth: 267° (mag) Date: 10/11/93 Logged: N/A Sampled: Bouri B.  
 Laboratory: AMDAL Analytical Method: AA7 Job No: 3DN 1116 Downhole Survey?:

Depth		Lithology Code	Description	Mineralization		Sample No's Prefix DS8	Assay Results			
From	To			g2	py		Au	As	Cu	Bi
20	21	Gpp	Fresh, gzy/c, g2, fel, qsi; py - dis	-	2%	668	0.27	1900	220	4
21	22	Gpp	Fresh, gzc, g2, fel, qsi; py - dis 8 mm., asp - trace	-	5%					
22	23	Gpp	Fresh, gzc, g2, fel, qsi; py - dis, magnetite g2 grains.	1	3%					
23	24	Gpp	DITTO	free SP		669	0.45	4290	145	9
24	25	Gpp	DITTO	Rug						
25	26	Gpp	DITTO	Rug						
26	27	Gpp	DITTO	Rug						
27	28	Gpp	DITTO	Rug		670	0.04	310	155	<1
28	29	Set/Gpp	Set + Set - AGT, g2v, fresh,	1% 2%						
29	30	Set	Set - g2v, AGT, fresh; py - dis, g2v	1% 2%						
30	31	Set/Ss1	Set - DITTO Ss1 - dark grey, opaque, g2f white, g2f - Rug	10%	10%	671	0.10	740	190	<1
31	32	Set/Ss1	Set - DITTO, qsi, Ss1 - AGT, opq & trl, qsi (poss. Gpp)	-	1%					
32	33	Gpp	Gpp - AGT, translucent, qsi, fresh, g2n, py - dis	1%	2%					
33	34	Gpp	Gpp - AGT, DITTO	2%		672	0.84	150	160	1
34	35	Gpp	Gpp - AGT, DITTO	1%						
35	36	Gpp	Gpp - DITTO	1%						
36	37	Gpp	Gpp - DITTO	2		673	0.57	340	115	<1
37	38	Gpp	Gpp - DITTO	Rug 3%						
38	39	Gpp	Gpp - DITTO	Rug 3%						
39	40	Gpp	Gpp - DITTO	Rug 2%		674	0.24	650	200	<1
40	Lungat N.	Gpp/Gdl	Gpp - DITTO Gdl - N, gzf, fresh - minor	Rug 2%						



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E L 8003

## DRILL LOG

Method: RC PERC. Project: WNCN #. Prospect: CATTYARDS, RAR GEN Hole No: ARC-01

### **Collar co-ordinates:**

Nominal N: 14090 E: 324.6Z Surveyed N: E: RL:

$\log_{10} = \log$

Nominal N: 14090 E: 3246Z Surveyed N: \_\_\_\_\_ E: \_\_\_\_\_ RL: \_\_\_\_\_  
Altitude: 267 Date: 10/11/93 Loran: NAN Sampled: 2010 B.

Laboratory: AMDEL


Analytical Method: AAT Job No: 3DN 11/6 Downhole Survey?: \_\_\_\_\_

Final

## ANALYTICAL REPORT

SAMPLE	Au	AuDup1	As	Cu	Bi
D58651					
D58652					
D58653					
D58654					
D58655					
D58656					
D58657					
D58658					
D58659					
D58660					
<u>D58661</u>					
D58662	0.33	--	450	115	<1
D58663	0.15	--	730	105	<1
D58664	0.14	--	500	90	<1
D58665	0.25	--	430	76	<1
D58666	0.24	--	65	190	<1
D58667	0.34	..	180	160	<1
D58668	0.27	--	1900	220	4
D58669	0.45	--	4290	145	9
D58670	0.04	--	310	155	<1
D58671	0.06	0.13	740	190	<1
D58672	0.84	--	150	160	1
D58673	0.57	--	340	115	<1
D58674	0.24	--	650	200	<1
D58675	0.42	--	310	340	3
D58676	0.14	--	115	240	<1

UNITS	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.02	0.02	5	1	1
SCHEME	AA7	AA7	AA7	AA7	AA7



CR 95 / 470

