
ANGLO AUSTRALIAN RESOURCES NL

'NABOWLA'

EL38/94

PARTIAL SURRENDER REPORT

June 2002

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G Hooper
July 2002

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1.0 INTRODUCTION

1.1 Location

E.L. 38/94 “Nabowla” is located in north-east Tasmania, approximately 15 km northwest of Scottsdale and 40 km northeast of Launceston (Figure 1).

1.2 Tenure

The licence was granted to Silverthorne Resources on the 11th of November, 1994. Anglo Australian Resources N.L. joint ventured into the licence on the 13th of June, 1995. The licence initially covered an area of 249 square kilometres.

In July 1999 Anglo Australian Resources elected to voluntarily reduce the tenement to 108 square kilometres before the required date of 11 November 1999. In June 2002 a further voluntary reduction totalling 42 km² was carried out.

The areas retained and relinquished are shown on Figure 1.

1.3 Land Status/Usage

The majority of the land area covered by the E.L. is private freehold land and is used for a variety of purposes including private forestry, cropping, and mixed farming. The remainder is mostly State Forest.

1.4 Topography/Vegetation

The E.L. consists of gently undulating topography covered by open dry eucalypt forest where clearing for agriculture has not taken place. Gullies carry wetter, denser vegetation.

1.5 Access

Access is generally very good. There are many roads and tracks in areas cleared for agriculture and where logging operations have been or are taking place.

2.0 GEOLOGY

Legend

- Area Retained
- Proposed Relinquishment

525000 mE

530000 mE

535000 mE

5460000 mN

★ **Bridport**

5455000 mN

5450000 mN

EL38/1994

5445000 mN



Project Location

Anglo Australian Resources NL	
Date: 29/1/2002	Tasmania Denison Area Nabowla E38/94 Tenement Location Proposed Relinquishment
Author: PK	
Office: West Perth	
Figure 1	
Scale: 1:100000	Projection: AMG Zone 56 (AGD 84) <i>Fig 1</i>

The Eastern Tasmanian Terrane is the southernmost Australian expression of the Lachlan Fold Belt, and in north eastern Tasmania it is comprised of an early Ordovician to early Devonian folded succession of turbiditic quartzwackes and pelites (the Mathinna Group) which have been correlated with rocks of the Melbourne Trough in Victoria. Mathinna Group rocks have undergone regional low-grade metamorphism and thermal metamorphism where they have been intruded by calc-alkaline granitoid batholiths of Devonian age. Thermal aureoles are commonly sharply defined and vary in width from about 800 to 5,000 metres. Flat-lying sediments of the late Carboniferous – early Permian to Triassic Parmeener Supergroup unconformably overlie both the Mathinna Group and the Devonian granitoids. The Parmeener Supergroup rocks are intruded by thick sheets of Jurassic dolerite. Areas of Tertiary basalt and associated Tertiary sediments occur in north eastern Tasmania and in some places have filled pre-existing drainage systems to form deep leads, some of which contain alluvial gold. Quaternary alluvium occurs in river valleys and in coastal areas Quaternary windblown aeolian sands obscure much of the underlying bedrock.

Gold mineralisation occurs in the Mathinna Group sediments throughout north east Tasmania. At some locations the gold mineralisation appears to be granitoid related, as at Golden Ridge and in the Lisle-Golconda-Panama goldfield, and in other locations there is no spatial relationship to granitoids, such as the Lyndhurst-Alberton-Mathinna-Mangana “gold corridor” and the Lefroy goldfield. In this respect, there are similarities with the gold mineralisation in Victoria. At Gladstone, textural evidence in a gold and tin bearing rock from the thermal aureole of a granitoid suggests that gold mineralisation occurred before thermal metamorphism and that tin mineralisation was subsequent to thermal metamorphism (Roach, 1994).

Approximately 75% of the area of E38/94 is underlain by Mathinna Group sediments. Apart from some 5% Tertiary basalt and gravel cover, the rest of the area is covered by Quaternary sands and alluvium.

Mathinna Group rocks mapped in the area (Marshall et al, 1965) are predominantly siltstones and sandstones. However, a significant unit of pelitic rocks, considered to be a more favourable lithology for gold mineralisation in “slate belt gold” regions, occurs near the Lebrina area.

Structurally the Mathinna Group sediments are broadly folded in sub-horizontal NNW trending fold axes, although there is only sparse structural data available from the Mines Department mapping.

Gold mineralisation occurs in quartz reefs, veins or stockworks, typically trending ENE and associated with pyrite and/or arsenopyrite or galena, or in veins and shears associated with NNW trending shear systems. McIntosh Reid (1925, 1926) has also reported gold mineralisation at the Bessells Reward Prospect near the Lisle goldfield as occurring in a “gold impregnated sandstone” which is not associated with quartz veining but rather with secondary mica and varying degrees of ferruginisation.

3.0 EXPLORATION COMPLETED

3.1 Aeromagnetic Interpretation

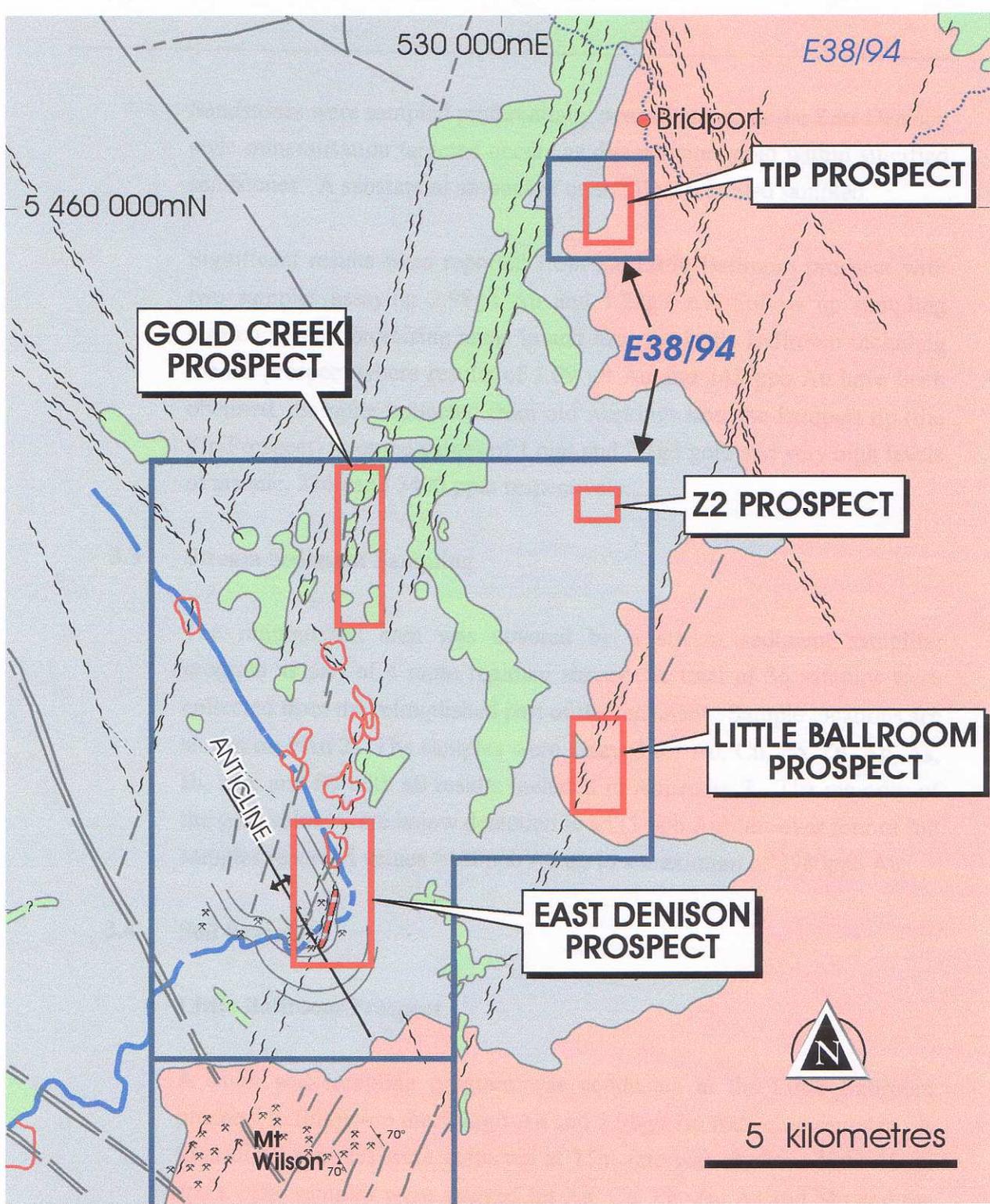
An interpretation of airborne magnetic data was completed in October 1997 by John Ashley of Southern Geoscience Consultants (Plan 1). The source of the airborne data was the MRT Netgold database, the tenement area being covered by two surveys flown in 1993. The most important aspects of the interpretation relating to gold exploration on the relinquished portion of the tenement are as follows:

There is a north-north-east trending wide zone of faulting/shearing/fracturing passing through the northern part of the tenement. This is a parallel, subsidiary shear system to the east of the regional NNE-SSW trending structural corridor hosting the East Denison mineralisation to the south west. Specific target zones are identified where north-west trending structures cross this feature.

Also of interest are a series of north west – south east trending magnetic sedimentary units in close proximity to the Scottsdale batholith to the east interpreted to be contact metamorphosed sediments of the Mathinna Group.

3.2 Rock Chip Sampling

A rock chip sampling program was carried out over the relinquished section of EL 38/94. A total of 175 samples were collected and assayed for Au, Ag, As, Cu, Pb, Zn, Bi, Mo and Sb. The locations of the samples are shown on Plan 2 while the results are included in Appendix 1. Sandstones were sampled preferentially over siltstones as the East Denison



- | | | | |
|---|--------------------------|---|-----------------------------------|
|  | Granite |  | Fault |
|  | Basalt |  | East Denison gold in soil anomaly |
|  | Mathinna Group sediments |  | Old working |
|  | Shear zone |  | Radiometric anomaly boundary |
| | |  | Structural targets |

Regional Aeromagnetic Interpretation Showing Prospect Locations

Figure 2

style mineralisation targeted occurs as disseminated gold within silicified sandstones. A substantial amount of quartz float was also sampled.

Significant results were reported from the Little Ballroom prospect with two samples assaying 2.98g/t Au and 1.22g/t Au. Follow up sampling located several promising areas in and near the Little Ballroom including the Z2 prospect where results of 1.09 g/t Au and 148 ppb Au have been obtained. Samples collected from old workings near the Bridport tip (the Tip Prospect) returned values of 1.6g/t and 2.1g/t gold and very high levels of arsenic, 2360 and 3400 ppm respectively.

3.3 Stream Sediment Sampling

The relinquished area was covered by a stream sediment sampling program as part of a more regional survey. A total of 36 samples were collected from the relinquished part of the tenement. Sample locations are shown on Plan 2. The samples were assayed for Au, Cu, Pb, Zn, Ag, As, Bi, Mo, and Sb with all results included in Appendix 2. The majority of the gold values were below detection level (1 ppb Au) however four of the samples recorded values >100ppb Au up to a maximum of 2980ppb Au.

3.4 Soil Sampling

Little Ballroom Prospect

A small soil sampling program was conducted at the Little Ballroom prospect to follow-up the 1.22g/t Au and 2.98g/t Au rock chip samples. A total of 59 samples were collected at 25m intervals on three lines 100m apart. The samples were assayed for Au, Cu, Pb, Zn, As and Mo and the results are included in Appendix 3. Gold values ranged up to a maximum of 34 ppb Au with no significant anomalous zones defined.

The survey was duplicated and extended by an MMI survey of 37 samples at 50m intervals with the samples assayed for Au, Ag, Co, Ni and Pd. The results of the MMI survey are shown in Appendix 4

3.5 Trenching

Tip Prospect

A trenching program was undertaken at the Tip Prospect located near the town of Bridport. The program was designed to followup encouraging rock chip results received in 1998. It was carried out by a local private prospector under the supervision of Anglo Australian. All necessary approvals for the program were sought from Anglo Australian Resources, Mineral Resources Tasmania and the local Bridport Shire.

A total of five trenches were excavated with 45 samples collected and assayed for au and As. Assay results are presented in Appendix 5 and the locations are shown in figures 3 and 4.

In Area A, Trench 1 was dug through the centre of the old workings for some 25m. Two 9m channel samples were taken yielding a best result of 4 metres @ 0.2g/t Au through silicified sandstone beds of the Mathinna Group. Trench 2 was dug through the south-eastern end of the old workings for some 32m. Two metre individual channel samples were taken yielding a best result of 20 metres @ 0.17g/t Au including 2m @ 0.53g/t Au from silicified, ferruginised sandstone beds of the Mathinna Group. Trench 3 was dug through the north-western end of the old workings for a total of 30m. Best result from trench 3 was 60ppb gold from weathered sandstone of the Mathinna Group.

Trench 4 in Area B was excavated for some 80 metres along a pre-existing track and close to some shallow workings. Best result was 0.68g/t gold from the first 4m channel sample in medium grained sandstone with minor quartz veining.

Trench 5 in Area C was excavated through 40 metres of predominantly medium grained sandstone, silicified in places. No detectable gold was reported from 4m channel samples collected over the length of the trench.

4.0 REFERENCES

Anglo Australian Resources NL, 1998, Nabowla EL 38/94, Annual Report

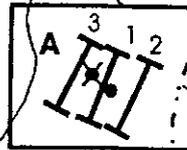
531600mE

532400mE

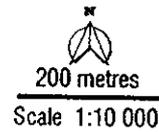
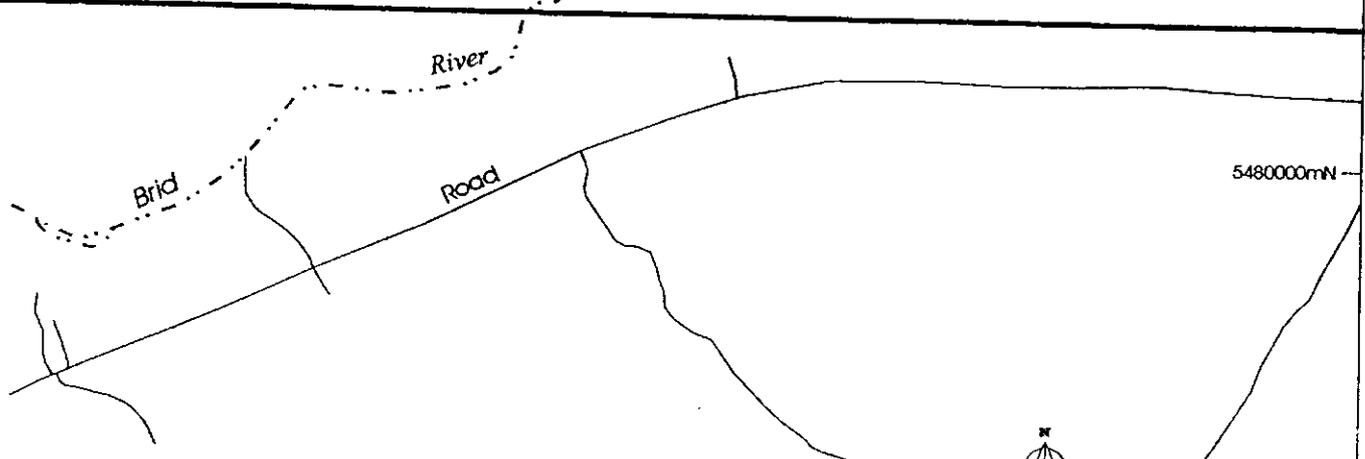
EL 38/94

BRIDPORT

546000mN



- Trenches
- Existing works (trenches, pits)
- Mullock dump
- Tenement boundary
- Road/track
- Watercourse



E38/94 - NABOWLA
Tip Prospect
Trench Location Plan
 Figure 3

October 1999

for the period 12/11/97 – 11/11/98

Anglo Australian Resources NL, 1999, Nabowla EL 38/94, Annual Report
for the period 12/11/98 – 11/11/99

Marshall, B., Barton, C.M., Jennings, D.J. and Naqvi, I.H. 1965,
Geological Atlas 1:63,360 geological series, sheet 31 (8315N),
Pipers River, Department of Mines, Tasmania

Roach, M., 1994, The regional geophysical setting of gold mineralisation
in north-east Tasmania, PhD Thesis, University of Tasmania

APPENDIX 1

Rock Chip Assay Results

Rock Chip Assay Results

Sample No	Easting	Northing	Au (ppm)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Mo (ppm)	Sb (ppm)
EFR007	533170	5452945	0.001		4	-1	1	-0.2	-1	-2	-1	-2
EFR016	532900	5457005	0.003		22	14	20	0.5	28	-2	-1	3
EFR017	533360	5456580	-0.001		20	16	16	0.3	6	-2	-1	4
EFR018	532020	5449080	0.003		16	6	5	-0.2	3	-2	3	-2
EFR019	532196	5450115	0.001		11	6	3	-0.2	3	-2	6	-2
EFR020	532025	5449893	0.47	0.465	40	97	27	0.3	1930	-2	1	37
EFR021	531710	5451504	0.011		19	16	8	-0.2	6	3	-1	-2
EFR022	531803	5451731	0.002		34	20	17	-0.2	20	-2	2	4
EFR023	531896	5451372	0.001		15	1	15	-0.2	4	3	7	-2
EFR024	531901	5451365	0.001		12	15	5	-0.2	7	-2	-1	-2
EFR025	532068	5451200	0.002		41	24	15	-0.2	9	-2	8	-2
EFR026	532068	5451197	-0.001	0.001	26	20	24	-0.2	13	-2	-1	-2
EFR027	531911	5451733	-0.001		12	10	48	-0.2	3	-2	-1	-2
EFR028	531679	5451950	-0.001		12	2	1	-0.2	4	-2	5	-2
EFR029	531689	5451940	0.001		27	16	58	-0.2	6	-2	-1	-2
EFR030	532543	5452119	0.001		19	40	9	-0.2	2	-2	-1	-2
EFR031	532585	5451843	0.001		16	12	13	-0.2	4	-2	1	-2
EFR032	532590	5451532	-0.001		14	13	48	-0.2	3	-2	-1	3
EFR033	532591	5451536	-0.001		25	15	13	-0.2	2	-2	-1	-2
EFR034	532392	5451375	-0.001		50	27	61	-0.2	2	-2	-1	-2
EFR035	532298	5451273	0.001		9	8	2	-0.2	36	-2	-1	2
EFR036	531764	5451160	-0.001		18	16	10	-0.2	8	-2	-1	-2
EFR037	531490	5450830	-0.001	0.001	12	7	6	-0.2	3	-2	1	-2
EFR038	531060	5451748	0.002		31	15	22	-0.2	5	-2	1	-2
EFR039	531173	5451716	-0.001		7	7	1	-0.2	14	5	2	-2
EFR040	531435	5451734	-0.001		27	11	16	-0.2	8	-2	-1	-2
EFR041	532354	5452544	0.001		12	46	4	-0.2	5	5	1	-2
EFR042	532450	5451170	0.001		11	7	4	-0.2	26	7	3	2
EFR043	531790	5450770	-0.001		12	11	5	-0.2	8	-2	-1	-2
EFR044	532000	5451090	0.001		33	38	23	-0.2	5	-2	-1	5
EFR045	532613	5450135	-0.001		15	11	9	-0.2	3	-2	18	-2
EFR046	532420	5450248	-0.001		8	2	6	-0.2	2	-2	4	-2
EFR047	532241	5450455	-0.001		13	11	2	-0.2	3	-2	19	-2
EFR048	532251	5450447	-0.001		10	10	4	-0.2	4	-2	-1	-2
EFR049	532141	5450618	-0.001		12	14	5	-0.2	4	-2	9	-2

Rock Chip Assay Results

Sample No	Easting	Northing	Au (ppm)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Mo (ppm)	Sb (ppm)
EFR050	531851	5450533	-0.001		7	3	3	-0.2	-1	-2	-1	-2
EFR051	531342	5450634	-0.001		11	8	2	-0.2	2	-2	13	-2
EFR052	531165	5450544	-0.001		11	29	10	-0.2	90	-2	-1	-2
EFR053	531189	5450551	-0.001		25	25	19	-0.2	75	-2	-1	6
EFR054	531158	5450157	-0.001		15	16	21	-0.2	12	-2	6	-2
EFR055	531744	5450032	-0.001		8	7	4	-0.2	51	-2	-1	-2
EFR056	531508	5450202	-0.001		57	16	76	-0.2	3	2	-1	3
EFR057	532011	5450156	-0.001		24	10	5	-0.2	3	-2	-1	-2
EFR058	532026	5449909	0.041		23	37	19	-0.2	625	-2	7	16
EFR059	531784	5449840	-0.001		11	15	17	-0.2	32	-2	-1	3
EFR060	531228	5449668	0.004		50	20	94	-0.2	47	-2	6	7
EFR061	531355	5449900	-0.001		13	5	30	-0.2	22	-2	-1	2
EFR062	532016	5449759	-0.001		14	3	4	-0.2	4	-2	22	-2
EFR063	532031	5449618	0.069	0.071	78	3	2	-0.2	5	68	-1	-2
EFR064	532500	5449779	-0.001		8	5	1	-0.2	3	-2	7	-2
EFR065	533515	5449760	0.001		10	18	4	-0.2	11	-2	-1	3
EFR066	532803	5450064	-0.001		63	4	56	-0.2	2	8	5	2
EFR067	532689	5449803	-0.001		10	3	6	-0.2	-1	-2	4	-2
EFR068	533880	5449690	-0.001		27	11	63	-0.2	-1	-2	-1	4
EFR069	533066	5449617	-0.001		9	5	2	-0.2	67	-2	-1	4
EFR070	531620	5449576	-0.001		11	13	2	-0.2	186	-2	10	14
EFR071	531517	5449523	0.002		25	30	82	-0.2	13	-2	-1	9
EFR072	532294	5449691	-0.001		10	18	5	-0.2	2	-2	1	2
EFR073	532715	5449298	-0.001		8	16	4	-0.2	14	-2	-1	-2
EFR074	533201	5453442	-0.001		18	11	7	-0.2	2	-2	3	-2
EFR075	533447	5453593	-0.001		9	13	8	-0.2	2	-2	-1	-2
EFR076	533084	5453829	-0.001		11	9	5	-0.2	-1	-2	4	-2
EFR077	532816	5453847	-0.001		11	14	13	-0.2	-1	-2	-1	-2
EFR078	533425	5453859	0.001		26	57	25	-0.2	57	-2	3	8
EFR079	533411	5454266	-0.001		11	14	5	-0.2	4	-2	-1	-2
EFR080	533781	5454170	-0.001		13	18	12	-0.2	10	4	-1	3
EFR081	533786	5454175	0.001		9	1	5	-0.2	2	-2	3	-2
EFR082	534555	5454716	-0.001		14	23	7	-0.2	5	-2	7	-2
EFR083	534239	5454752	-0.001		10	9	8	-0.2	2	-2	-1	-2
EFR084	534142	5454447	-0.001		15	11	69	-0.2	-1	-2	-1	3

Rock Chip Assay Results

Sample No	Easting	Northing	Au (ppm)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Mo (ppm)	Sb (ppm)
EFR085	533995	5454150	-0.001		10	5	35	-0.2	-1	-2	-1	-2
EFR086	533506	5453462	-0.001		13	8	3	-0.2	2	-2	16	-2
EFR087	533966	5453126	-0.001		9	8	9	-0.2	2	-2	-1	-2
EFR088	533899	5453649	0.001		14	23	7	-0.2	4	-2	5	-2
EFR089	533784	5453548	-0.001		8	2	1	-0.2	1	-2	2	-2
EFR090	533732	5455250	-0.001		15	13	12	-0.2	5	-2	-1	-2
EFR091	533016	5455922	-0.001		9	15	5	-0.2	7	-2	-1	-2
EFR092	533680	5453783	-0.001		14	20	8	-0.2	5	-2	3	-2
EFR093	533645	5453347	-0.001		15	6	10	-0.2	8	-2	-1	-2
EFR094	530722	5453610	0.007	0.007	35	55	133	-0.2	23	2	4	-2
EFR095	530659	5453583	0.002		10	42	31	-0.2	8	7	-1	-2
EFR096	530625	5453550	0.001		18	6	13	-0.2	10	5	21	-2
EFR097	531771	5454089	0.001		6	8	4	-0.2	56	4	10	8
EFR098	531771	5454089	-0.001		12	23	3	-0.2	6	5	14	-2
EFR099	531289	5454378	0.001		2	7	1	-0.2	41	5	-1	-2
EFR100	531050	5453430	0.001		31	3	6	-0.2	5	4	19	-2
EFR101	531292	5453181	0.001		13	4	5	-0.2	3	3	-1	-2
EFR102	531665	5454011	1.05	1.12	52	9	8	0.3	185	7	17	22
EFR103	532115	5454040	0.003		15	9	3	-0.2	25	6	-1	-2
EFR104	531066	5454691	0.002	0.003	7	4	2	-0.2	5	3	10	-2
EFR105	531068	5453837	-0.001		12	4	7	-0.2	5	4	-1	-2
EFR106	531847	5453498	0.081	0.134	7	10	3	-0.2	2	15	12	-2
EFR107	531535	5453079	0.002		14	10	13	-0.2	10	3	-1	-2
EFR108	531947	5453245	-0.001		20	19	7	-0.2	19	7	6	2
EFR109	531113	5452850	-0.001		7	10	7	-0.2	9	4	1	-2
EFR110	530893	5452943	0.001		27	11	6	-0.2	57	5	11	2
EFR111	533481	5453000	-0.001		20	12	27	-0.2	9	5	-1	-2
EFR112	533094	5452994	-0.001		11	9	7	-0.2	42	6	14	2
EFR113	532745	5453269	0.001		51	89	8	-0.2	308	14	-1	-2
EFR114	533218	5452549	0.004	0.003	10	11	2	-0.2	153	5	12	8
EFR115	533062	5452286	0.001		5	15	4	-0.2	9	6	-1	-2
EFR116	532895	5451999	-0.001		13	7	10	-0.2	3	8	-1	-2
EFR117	532970	5452184	-0.001		18	16	14	-0.2	5	6	-1	-2
EFR118	533094	5452673	-0.001		25	9	10	-0.2	22	3	-1	-2
EFR119	532932	5451520	-0.001		2	7	5	-0.2	3	-2	-1	-2

Rock Chip Assay Results

Sample No	Easting	Northing	Au (ppm)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Mo (ppm)	Sb (ppm)
EFR120	532990	5451315	-0.001		2	4	2	-0.2	4	3	8	-2
EFR121	532660	5451155	-0.001		7	12	14	-0.2	-1	9	-1	-2
EFR122	531838	5447453	-0.001		7	14	3	-0.2	6	6	3	-2
EFR123	532009	5447381	-0.001		7	8	4	-0.2	3	3	12	-2
EFR124	532151	5447166	-0.001		8	9	7	-0.2	5	3	2	-2
EFR125	532320	5447055	-0.001		21	12	12	-0.2	12	10	8	-2
EFR126	532493	5446898	-0.001		9	11	6	-0.2	3	4	3	-2
EFR127	532643	5446708	-0.001		8	9	2	-0.2	6	2	13	-2
EFR128	532897	5446570	-0.001		15	15	27	-0.2	7	8	3	-2
EFR129	533029	5446326	-0.001		6	8	3	-0.2	5	-2	13	-2
EFR130	532569	5454682	-0.001		13	14	27	-0.2	13	12	2	-2
EFR131	532524	5455027	-0.001		12	4	5	-0.2	2	9	7	-2
EFR132	532783	5455132	-0.001		5	1	2	-0.2	-1	5	2	-2
EFR133	534246	5455672	0.262	0.246	8	12	5	-0.2	195	9	11	8
EFR134	530750	5452904	0.001		31	19	40	-0.2	7	-2	3	-2
EFR135	531676	5445338	0.002		40	9	21	-0.2	11	-2	-1	-2
EFR136	531832	5445338	-0.001		70	26	41	-0.2	29	-2	5	-2
EFR137	531822	5445308	0.001		26	22	13	-0.2	25	-2	5	-2
EFR138	532289	5445983	0.001		14	14	17	-0.2	5	-2	2	-2
EFR139	531889	5445573	-0.001		20	13	17	-0.2	13	-2	2	-2
EFR140	533407	5449540	0.001		18	3	73	-0.2	3	-2	2	-2
EFR141	533819	5449560	0.001		59	114	53	-0.2	61	28	6	4
EFR142	533819	5449560	-0.001		28	19	14	-0.2	6	-2	10	-2
EFR143	533732	5449267	-0.001		33	17	19	-0.2	1	-2	2	-2
EFR144	533735	5448662	0.001		26	11	19	-0.2	-1	-2	-1	-2
EFR145	533547	5448408	-0.001		27	10	26	-0.2	2	-2	-1	-2
EFR146	533713	5448111	-0.001		28	21	16	-0.2	4	-2	-1	-2
EFR147	534382	5448162	-0.001		10	34	2	-0.2	-1	-2	10	-2
EFR148	534833	5447566	-0.001		32	33	47	-0.2	6	-2	3	-2
EFR149	533885	5447065	-0.001		13	26	16	-0.2	13	-2	2	-2
EFR150	534468	5447136	-0.001		26	8	13	-0.2	51	-2	3	-2
EFR151	533721	5447963	-0.001		26	11	9	-0.2	5	-2	-1	-2
EFR152	533562	5447692	0.001		102	15	85	-0.2	52	31	7	-2
EFR153	533351	5447638	-0.001		23	16	45	-0.2	11	13	4	-2
EFR154	533165	5447623	-0.001		39	32	74	-0.2	22	21	2	-2

Rock Chip Assay Results

Sample No	Easting	Northing	Au (ppm)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Mo (ppm)	Sb (ppm)
EFR155	533090	5447658	-0.001		31	19	27	-0.2	10	-2	9	-2
EFR156	533130	5447608	0.001		38	33	48	-0.2	17	15	7	-2
EFR157	532799	5447741	0.001		53	18	72	-0.2	10	15	2	-2
EFR158	531830	5448021	-0.001		13	10	7	-0.2	46	-2	7	4
EFR159	534025	5455411	-0.001		37	34	22	-0.2	85	17	5	-2
EFR160	534200	5455692	0.015		13	4	4	-0.2	166	-2	16	5
EFR161	534150	5455642	-0.001		24	7	18	-0.2	2	-2	6	-2
EFR162	533711	5455998	-0.001		11	9	5	-0.2	1	-2	4	-2
EFR163	533944	5456127	-0.001		12	16	6	-0.2	5	-2	4	-2
EFR164	531741	5444580	-0.001		25	7	24	-0.2	12	-2	12	-2
EFR165	531441	5445003	0.001		60	12	24	-0.2	18	-2	5	2
EFR166	532603	5444905	-0.001		24	16	23	-0.2	22	-2	3	-2
EFR167	532505	5444779	-0.001		28	18	32	-0.2	2	-2	-1	-2
EFR168	532800	5445300	-0.001		23	16	12	-0.2	12	-2	10	-2
EFR169	532345	5445415	0.001		19	13	15	-0.2	53	-2	6	-2
EFR170	531710	5444683	-0.001		58	17	11	-0.2	45	17	3	-2
WFR040	532454	5459185	0.006		-1	1	2	-0.2	3	4	-1	-2
WFR041	532464	5459195	0.001		6	-1	1	-0.2	2	3	20	-2
WFR042	532261	5459745	1.68	1.56	19	12	107	-0.2	2360	-2	-1	6
WFR043	532271	5459755	2.14	2.14	22	13	88	-0.2	3400	6	12	7
WFR044	532593	5459441	0.01		22	6	15	-0.2	62	7	6	-2
WFR045	532556	5459436	0.069		18	20	48	-0.2	525	17	3	-2
WFR046	532558	5459440	0.002		11	7	46	-0.2	13	18	2	2
WFR047	532607	5459303	-0.001		7	7	9	-0.2	36	8	18	-2
WFR048	532660	5459245	0.004		9	12	13	-0.2	19	14	3	3
WFR049	532507	5459454	-0.001		14	6	73	-0.2	-1	23	-1	-2
WFR050	532752	5459368	-0.001		8	6	13	-0.2	3	6	2	-2
WFR051	532533	5459422	0.013		17	7	62	-0.2	361	20	2	-2
WFR052	532339	5459231	-0.001		31	12	82	-0.2	17	13	-1	-2
WFR053	532163	5459307	-0.001		8	-1	4	-0.2	50	4	25	-2
WFR054	532493	5459770	0.032		41	17	53	-0.2	666	17	1	2
WFR055	532587	5459698	0.032		12	9	2	-0.2	1040	5	10	13
WFR056	532585	5459585	-0.001		31	12	49	-0.2	141	15	-1	-2
WFR057	532467	5459349	-0.001		20	11	93	-0.2	15	8	2	-2
WFR058	532116	5459536	-0.001		16	9	39	-0.2	7	11	11	-2

APPENDIX 2

Stream Sediment Assay Results

Stream Sediment Assay Results

Sample No	Easting	Northing	Au (ppb)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Bi (ppm)	Mo (ppm)	Sb (ppm)
EDR042	527353	5448061	-1	4	-1	4	0.4	-1	-2	2	-2
EFR001	531925	5446375	-1	7	4	11	0.3	6	-2	-1	-2
EFR002	530913	5447366	-1	6	-1	2	-0.2	2	-2	1	-2
EFR003	531094	5447201	-1	3	-1	2	-0.2	-1	-2	-1	-2
EFR004	531679	5447950	1	7	-1	2	-0.2	3	-2	4	-2
EFR005	532032	5449289	2980	2	-1	-1	0.3	41	43	1	-2
EFR006	532053	5449278	1220	10	-1	2	-0.2	19	11	2	-2
EFR008	533463	5452698	110	8	7	3	0.2	95	-2	-1	-2
EFR009	533088	5453844	1	2	-1	-1	-0.2	2	-2	1	-2
EFR010	534213	5454818	-1	3	-1	-1	-0.2	-1	-2	2	-2
EFR011	532092	5450280	147	108	5	2	0.4	158	6	1	6
EFR012	531736	5450288	2	6	6	3	-0.2	23	-2	-1	2
EFR013	531580	5450600	12	16	4	4	0.3	20	-2	-1	7
EFR014	531918	5450927	-1	4	5	4	-0.2	4	-2	1	-2
EFR015	533383	5452928	-1	3	-1	2	-0.2	-1	-2	1	-2
WFR014	527945	5457809	-1	10	9	11	0.3	24	-2	1	-2
WFR015	527597	5458022	1	12	3	2	-0.2	15	-2	-1	-2
WFR016	527760	5458817	-1	15	5	1	-0.2	-1	-2	5	-2
WFR017	527686	5458112	1	8	9	2	0.2	8	-2	1	2
WFR018	527467	5458063	-1	13	28	3	-0.2	22	-2	6	-2
WFR022	529092	5454293	-1	13	1	2	-0.2	-1	-2	7	-2
WFR023	528949	5454172	-1	4	-1	-1	-0.2	3	-2	3	-2
WFR024	529035	5453406	-1	15	-1	1	-0.2	2	-2	2	-2
WFR027	529893	5464688	-1	21	8	29	0.4	17	-2	-1	-2
WFR028	528310	5449203	-1	10	4	11	0.3	4	-2	5	-2
WFR029	527957	5459821	-1	12	-1	-1	-0.2	1	-2	2	-2
WFR030	527728	5460883	1	12	-1	2	-0.2	-1	-2	6	-2
WFR031	527990	5460713	-1	5	3	2	-0.2	1	-2	2	-2
WFR032	527748	5460725	-1	6	3	4	-0.2	1	-2	5	-2
WFR033	529005	5461530	-1	9	1	-1	-0.2	2	-2	3	-2
WFR034	529156	5462107	1	12	-1	2	-0.2	-1	-2	3	-2
WFR035	529064	5462227	-1	10	2	-1	0.2	-1	-2	3	-2
WFR036	529030	5462197	7	11	5	6	-0.2	4	-2	3	2
WFR037	529320	5458109	-1	6	-1	3	-0.2	-1	-2	-1	-2
WFR038	529531	5458163	-1	6	2	6	0.3	2	-2	-1	-2
WFR039	529760	5458997	-1	7	-1	2	0.6	-1	-2	-1	-2

APPENDIX 3

Little Ballroom Prospect Soil Sampling Results

Little Ballroom Prospect
Soil Sampling Results

Sample No	Easting	Northing	Au (ppb)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Mo (ppm)
LBS001	5000	5000	6	7	3	6	3	-1	5
LBS002	5025	5000	7		3	6	3	-1	4
LBS003	5050	5000	10		3	8	2	-1	2
LBS004	5075	5000	34		12	8	11	4	3
LBS005	5100	5000	8		9	9	8	2	3
LBS006	5125	5000	3		8	9	7	2	2
LBS007	5150	5000	6		6	6	9	-1	2
LBS008	5175	5000	8		20	13	23	4	3
LBS009	5200	5000	1		13	14	17	-1	2
LBS010	5225	5000	4		21	22	24	-1	3
LBS011	5250	5000	2		19	15	21	-1	3
LBS012	5275	5000	2		16	19	9	-1	4
LBS013	5300	5000	2		8	9	5	8	3
LBS014	5325	5000	-1		18	6	6	12	2
LBS015	5350	5000	1		9	9	5	3	2
LBS016	5375	5000	-1		6	10	6	3	3
LBS017	5400	5000	4		8	11	6	17	4
LBS018	5425	5000	2		6	13	5	46	4
LBS019	5450	5000	4	3	3	13	3	8	2
LBS020	5475	5000	1		4	11	2	10	3
LBS021	5475	4900	-1		4	8	6	-1	4
LBS022	5000	4900	9		3	12	3	5	4
LBS023	5025	4900	15		8	15	8	17	5
LBS024	5075	4900	1		10	12	7	3	2
LBS025	5100	4900	6		18	18	10	14	3
LBS026	5125	4900	27	22	28	23	13	29	4
LBS027	5150	4900	3		26	28	20	5	3
LBS028	5175	4900	-1		31	26	27	-1	2
LBS029	5200	4900	-1	1	33	28	32	2	4
LBS030	5225	4900	-1		21	26	10	2	1
LBS031	5250	4900	5		30	24	14	-1	4
LBS032	5275	4900	1		36	28	19	1	4
LBS033	5300	4900	-1		12	10	10	-1	2
LBS034	5325	4900	1		13	12	6	10	2
LBS035	5350	4900	-1		7	10	6	3	1
LBS036	5375	4900	-1		6	10	6	-1	1
LBS037	5400	4900	-1		4	6	3	3	12
LBS038	5425	4900	6		11	15	8	23	2

Little Ballroom Prospect
Soil Sampling Results

Sample No	Easting	Northing	Au (ppb)	Au (rpt)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Mo (ppm)
LBS039	5450	4900	5		7	10	4	33	4
LBS040	5000	5100	-1		5	6	3	12	3
LBS041	5025	5100	-1		5	8	8	-1	1
LBS042	5050	5100	-1		8	7	11	5	3
LBS043	5075	5100	1		11	7	16	2	3
LBS044	5100	5100	2		15	10	13	6	4
LBS045	5125	5100	8		26	17	11	12	5
LBS046	5150	5100	8		7	12	5	6	3
LBS047	5175	5100	9		5	23	4	11	4
LBS048	5200	5100	2		4	20	3	15	4
LBS049	5225	5100	9		3	18	2	9	4
LBS050	5250	5100	4		6	17	3	11	4
LBS051	5275	5100	12		4	14	4	10	4
LBS052	5300	5100	9		3	14	3	9	4
LBS053	5325	5100	7	7	2	13	3	8	4
LBS054	5350	5100	1	1	2	7	2	3	4
LBS055	5375	5100	2		2	9	2	8	4
LBS056	5400	5100	-1		2	4	2	-1	9
LBS057	5425	5100	-1		3	12	1	8	4
LBS058	5450	5100	-1		3	8	2	3	3
LBS059	5475	5100	-1		4	9	2	2	4

APPENDIX 4

Little Ballroom Prospect MMI Results

Little Ballroom Prospect
MMI Results

Sample No	Easting	Northing	Au (ppb)	Ag (ppb)	Co (ppb)	Ni (ppb)	Pd (ppb)
LBMM001	5000	5100	0	0	7.5	25	0
LBMM002	5050	5100	0	0	13.4	19	0
LBMM003	5100	5100	0.2	0.2	2.43	10	0
LBMM004	5150	5100	0	0.3	3.25	40	0
LBMM005	5200	5100	0.4	0.2	1.61	13	0
LBMM006	5250	5100	0.5	0.2	0.55	5	0
LBMM007	5300	5100	0.6	0.3	0.44	6	0
LBMM008	5350	5100	0	0	0.85	6	0
LBMM009	5400	5100	0	0.1	2.62	15	0.1
LBMM010	5450	5100	0	0.7	7.26	52	0.2
LBMM011	5475	5000	0	0	0.34	4	0
LBMM012	5425	5000	0	0	1.43	12	0
LBMM013	5375	5000	0	0.5	3.23	29	0
LBMM014	5325	5000	0.2	0.5	5.38	52	0.1
LBMM015	5275	5000	0.2	0.6	6.44	57	0
LBMM016	5225	5000	0.5	0	7.1	19	0
LBMM017	5175	5000	0.5	0.3	3.91	17	0
LBMM018	5125	5000	0.3	0.5	3.75	12	0
LBMM019	5075	5000	0	0	8.37	19	0
LBMM020	5025	5000	0.9	1.5	24.6	195	0.8
LBMM021	4975	5000	0.4	1.4	36.7	193	1
LBMM022	4925	5000	0.2	1	42.2	167	0.7
LBMM023	4875	5000	0	1	25.7	152	0.6
LBMM024	5475	4900	0	0.2	1.61	11	0.1
LBMM025	5425	4900	0.3	0.2	0.58	4	0
LBMM026	5375	4900	0	0.7	12.5	100	0.4
LBMM027	5325	4900	0.1	0	1.74	9	0
LBMM028	5275	4900	0.1	0.2	2.66	14	0
LBMM029	5225	4900	0.1	0	2.88	8	0
LBMM030	5175	4900	0.1	0	1.89	4	0
LBMM031	5125	4900	2.2	0.7	2.5	7	0
LBMM032	5075	4900	0.3	0.5	3.2	24	0
LBMM033	5025	4900	3.4	0.5	1.03	4	0
LBMM034	4975	4900	1.2	0.2	2.72	5	0
LBMM035	4925	4900	0.2	0.8	7.4	22	0
LBMM036	4875	4900	0	0	5.07	15	0

Little Ballroom Prospect
MMI Results

LBMM037	4825	4900	0.2	1.8	46.3	257	1.2
LBMM038	4775	4900	0.2	0.5	9.33	80	0.1

APPENDIX 5

Tip Prospect Trench Sampling Results

TIP PROSPECT SAMPLES

Sample	Description	Au	Ag
BT1	Trench 1. 7-9 ms	60	<10
BT2	Trench 1. 9-11 ms	<50	<10
BT3	Trench 1. 11-13 ms	200	<10
BT4	Trench 1. 13-15 ms	190	<10
BT5	Trench 1. 15-17 ms	<50	<10
BT6	Trench 1. 17-19 ms	60	<10
BT7	Trench 1. 19-21 ms	50	<10
BT8	Trench 1. 21-23 ms	<50	<10
BT9	Trench 1. 23-25 ms	70	<10
BT10	From hole at tip - silic. mg SS, minor pyrite casts, 2mm fresh pyrite	<50	<10
BT11	Trench 2. 6-8 ms	50	35
BT12	Trench 2. 8-10 ms	110	15
BT13	Trench 2. 10-12 ms	70	40
BT14	Trench 2. 12-14 ms	110	60
BT15	Trench 2. 14-16 ms	150	40
BT16	Trench 2. 16-18 ms	530	65
BT17	Trench 2. 18-20 ms	180	70
BT18	Trench 2. 20-22 ms	220	60
BT19	Trench 2. 24-26 ms	100	70
BT20	Mullock sample. meta. SS, minor dissem arsenopyrite	100	1010
BT21	Trench 3. Hard pan.	180	155
BT22	Trench 3. Hard pan - north	1100	30
BT23	Trench 3. Hard pan - south	60	20
BT24	Trench 3. Bedrock - very weathered fl SZ - north	<50	<10
BT25	Trench 3. Bedrock - very weathered fl SZ - south	55	<10
BT26	Trench 4. 10 ms - silic. mg SS, 5% qtz veinlets	50	<10
BT27	Trench 3. Qtz (white) beneath hard pan layer.	<50	<10
BT28	Trench 4. 28-32 ms	680	<10
BT29	Trench 4. 32-36 ms	<50	10
BT30	Trench 4. 36-40 ms	<50	<10
BT31	Trench 4. 20 ms - red meta SS	<50	<10
BT32	Trench 4. 60 ms - NW trending 1.5cm wide qtz vein	<50	<10
BT33	Mullock sample. Fe rich green mg meta SS, sheared, abun. pyrite casts	<50	225
BT34	Trench 4. 40-40 ms	<50	10
BT35	Trench 4. 44-48 ms	<50	<10
BT36	Mullock sample. Silicified mg SS, Fe-ox, minor pyrite casts	<50	4980
BT37	Trench 5. 6-10 ms	<50	<10
BT38	Trench 5. 10-14 ms	<50	20
BT39	Trench 5. 14-18 ms	<50	15
BT40	Trench 5. 18-22 ms	<50	10
BT41	Trench 5. 22-26 ms	<50	<10
BT42	Trench 5. 26-30 ms	<50	15
BT43	Trench 5. 30-34 ms	<50	15
BT44	Trench 5. 34-38 ms	<50	35
BT45	Trench 5. 38-42 ms	<50	<10