

EL23687
Lake Woods Project
Annual Report
17 June 2003 to 16 June 2004



Cover Photo: Mr. Rowe and a view towards Lake Woods from the Ashburton Ranges

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Submitter of Report: Paradigm North Pty Ltd

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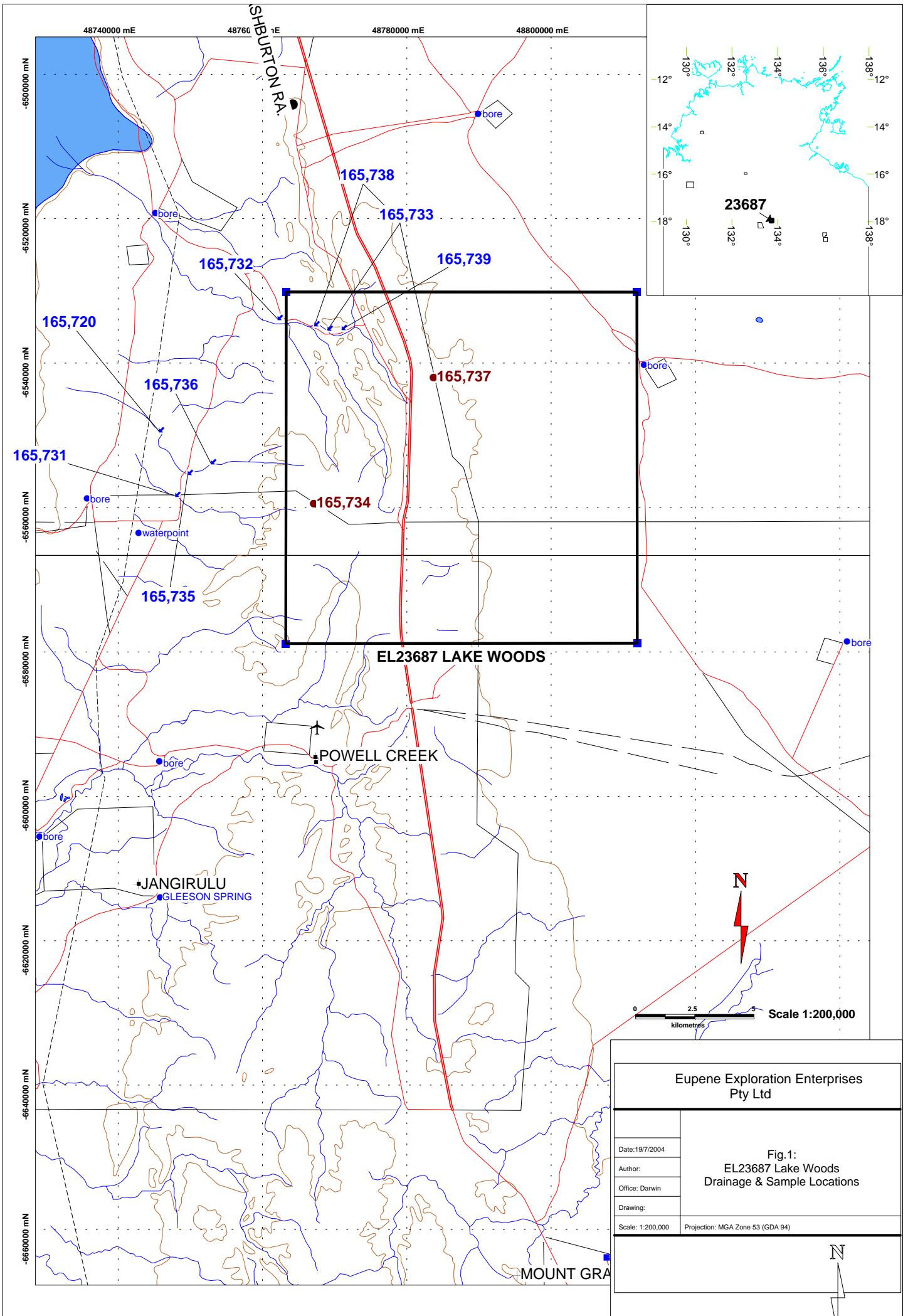
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1 EL Summary

The Lake Woods project (EL23687) straddles the Stuart Highway about 40km north of Renner Springs, and about the same distance south of Elliot. It lies on Tandyidgee and Powell Creek Stations owned by Consolidated Press Holdings Limited, and Helen Springs Station owned by Stanbroke Pastoral Company Pty Ltd. Bedrock in the area is Middle Proterozoic Renner Group sediments, intruded by pre-Cambrian dolerite.

During the initial phase of exploration of EL23687, work consisted of:

- Literature research of previous exploration, geological survey and geophysical survey over the EL and surrounding district.
- Data compilation.
- Acquisition and interpretation of departmental geological and airborne geophysical data sets.
- Planning for upcoming field program.
- Field geological reconnaissance and collection of alluvial stream sediment and rock samples.
- Analysis by low level scans for 63 elements including precious metals and platinoids
- Preparation and mineralogical examination of diamond samples.
- Interpretation of results.
- Planning and budgeting.

In addition, visits to other stakeholders in the area for introduction purposes were completed, and the Sacred Sites register was searched.

The results from one rock sample are considered to be broadly anomalous for base metal deposits generally, and further work is warranted to further characterise the target and locate a centre to elevated values. While drainage in the area is poorly developed, it is intended to use imagery and airborne geophysics to select sites for further stream, and loam or gravel sampling during the current term of the EL.

Expenditure in the initial term of the EL has been \$20,258, and is requested at \$30,000 for the next term.

2 Introduction

2.1 Background

The Lake Woods area has been selected as a Primary Hub using confidential technology supplied by Paradigm Geoscience. The aim of the technology is to identify targets for mineral exploration with the same signatures as major mineral deposits. The method offers a means to identify important mineral resources without the need to acquire title to broad areas, with the resultant demanding access and land use challenges. Because of the restricted areas selected, more intensive exploration than would be normal in greenfields exploration can be focussed on the limited area by even junior mineral explorers such as the holders.

The Hubs have responded to the selection process in a similar fashion to major mineral deposits. It is to be expected that in most cases the target deposit does not outcrop, or it would already have been discovered, and it will be necessary to penetrate the overburden to make discoveries. The selection technique does not permit identification

of target commodities, and these must be determined by consideration of regional metallogenic factors and field reconnaissance.

During this initial period of the Licence, the aims of exploration have been:

- the identification of likely target commodities,
- determination of local exploration constraints,
- establishment of broad exploration models, and
- development of plans for cost effective future exploration

The first year's program therefore concentrated on research of past exploration in the area, followed by acquisition of available maps, geochemical, and geophysical data, planning of field reconnaissance, and then brief field visits to the localities for collection of orientation and reconnaissance samples, meetings with local stakeholders, and familiarisation with local field conditions.

3 The Target Area

3.1 Tenure

EL23687 was granted for a six-year term on 23 June 2003 (expiring 10 June 2009). The title covers an area of 64 sub-blocks (209.1km²). The area included in the title extends between 133°40'E and 133°48'E, from 17°54'S to 18°02'S. The EL is held by ACN 099 478 074 Pty Ltd, a wholly owned subsidiary of Paradigm North Pty Ltd.

3.2 Location and general description

The Lake Woods Target Area straddles the Stuart Highway about 40km north of Renner Springs, and about the same distance south of Elliot. It lies on Tandyidgee and Powell Creek Stations owned by Consolidated Press Holdings Limited, and Helen Springs Station owned by Stanbroke Pastoral Company Pty Ltd. This covers the low country in the east of the Target Area. For the reconnaissance, it was convenient to stay at Renner Springs Roadhouse, but for longer programmes it might be possible to make better arrangements. The western portion of the area contains sandstone ridges of the Ashburton Range, which drops off to the west towards Lake Woods, a large seasonal lake.

The new North Australian Railway runs to the west of the lake, and an access track to this runs through the middle of the Target Area. This is the best route to access Paradigm North's Keckwick Target Area. East of the Highway, most of the country is open but much is covered in thick scrub. It also slopes off to the east to the plains of the Barkly Tableland. Apart from the thick vegetation, access is generally good with a combination of station tracks, disused stretches of the Highway, and good off road conditions between the sandstone ridges.

Native Title Claims:

- D6038/01 Powell Creek was lodged on 21 June 2001, and has NNTT number DC01/37.
- D6036/01 Tandyidgee/ Powell/ Helen Springs was lodged on the same date, with NNTT number DC01/35.

3.3 Exploration Rationale and Work Completed

The expected geological setting of the Target Area might suggest that deposit styles would be limited to either base metal accumulations in the Palaeozoic sediments,

perhaps manganese as at Bootu Creek to the south, or diamonds. However, like the target selection methodology, the exploration program itself makes few assumptions. A general pattern for the program has proceeded as follows:

- Literature research of previous exploration, geological and geophysical surveys over the EL and surrounding district
- Data compilation
- Acquisition and interpretation of departmental geological and airborne geophysical data sets
- Research on the geology and exploration signature of potential target deposits
- Planning for field program and liaison with stake holders
- Geological reconnaissance of the area and surrounds; collection of appropriate rock samples for geochemistry or petrography
- Collection of reconnaissance drainage sediment samples for diamond exploration
- Collection of reconnaissance drainage sediment samples for geochemical scanning
- Processing and interpretation of results
- Planning of additional fieldwork.

Diamond samples were processed and examined by Global Diamond Services Pty Ltd of Perth, and the flow sheet of sample treatment is illustrated in Fig. 3. All geochemical samples were prepared by North Australian Laboratories of Pine Creek, and Fire assayed for gold. Pulps were forwarded to NT Environmental Laboratories for analysis by ICP OES and MS for a wide range of elements. Later a second firing was prepared at NAL and analysed for trace levels of Au and platinumoids by ICPMS at NTEL.

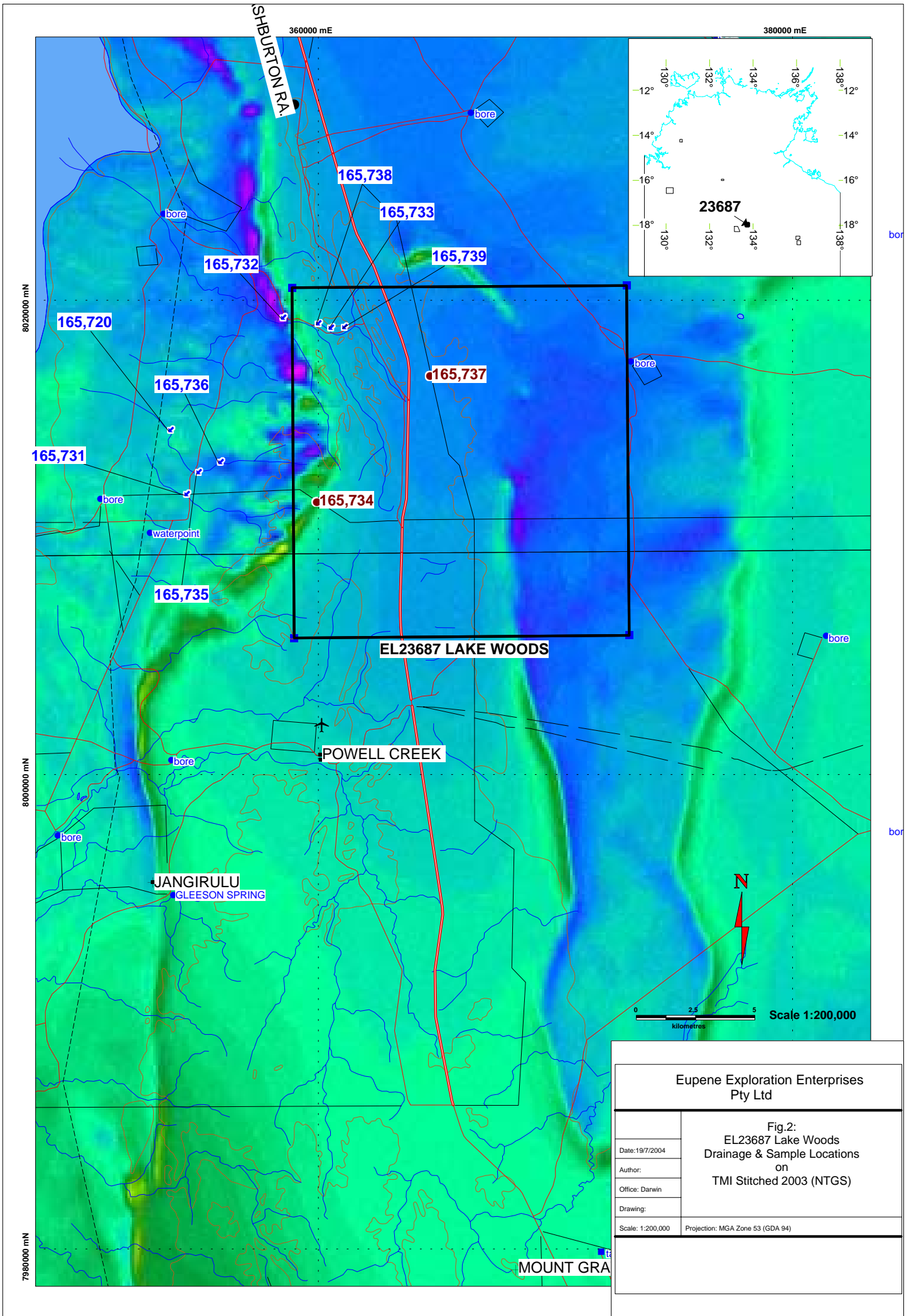
3.4 Results of Literature Search

The Previous exploration within the district has focused on the potential for diamonds and base metals, though little work appears to relate specifically to the area of the EL. Because of poorly developed drainage except around the Ashburton Range, only the western half of the area can be stream sediment sampled, and the majority of samples were either loam or gravel samples. Ashton Mining conducted medium density drainage sampling over the Lake Woods area in the 1980's.. The general area was also explored for base metals, and more research needs to be done as it is possible some core drilling was undertaken in or near the present title. It can be said that all previous exploration was regarded as negative by the previous operators.

A small dark brown cube microdiamond was recovered by Ashton in 1986 from a gravel sample to the west of the area which could have been sourced from within the EL. This does not seem to have been followed up. Several other microdiamonds were found by Ashton further to the north, also on the eastern shores of Lake Woods, and a little follow-up of these was not conclusive. Other exploration for base metals does not appear to have thoroughly sampled the area of the EL, even if it was included in the area of the titles. It seems reasonable to state that there has been minimal previous exploration specific to the area. The relevant open file reports reviewed for this appraisal are listed in Section 10- References.

3.5 Geological Data

The area straddles the boundary of the Helen Springs and Beetaloo 1: 250 000 Map Sheets. Re-mapping of the Helen Springs Sheet was completed in 2001. The oldest rocks that outcrop in the Target Area are Middle Proterozoic evaporitic sandstones and conglomerates of the Renner Group. These form the ridges of the Ashburton Range. This is intruded by pre-Cambrian dolerite, which may be more widespread than mapped in the Target Area, because it is usually heavily weathered and recessive. To the east and west of the Ashburton Ranges, Palaeozoic sediments of the Wiso (to the west) and Georgina Basins are mapped. Based on the magnetic patterns, both basins are probably represented in the Target Area. Around the edges of these basins, phosphorites have been found in basal carbonate sequences. Sediments of the Ashburton Ranges have been correlated with those of the McArthur Basin which host the McArthur River base metals deposits. Based on recent mapping, the correlated units are lower in the sequence than those mapped in the Target Area. The Bootu Creek Manganese deposits are found in the Bootu Formation, somewhat deeper in the stratigraphic succession. Our recent reconnaissance suggests that the eastern portion of the area may contain favourable rocks for base metal deposits.



Eupene Exploration Enterprises Pty Ltd	
Fig.2: EL23687 Lake Woods Drainage & Sample Locations on TMI Stitched 2003 (NTGS)	
Date: 19/7/2004	
Author:	
Office: Darwin	
Drawing:	
Scale: 1:200,000	Projection: MGA Zone 53 (GDA 94)

4 Geophysical Data

Geophysical data covering the Tenement was acquired from NT Geological Survey. Unfortunately for us, the area straddles the boundary between the Helen Springs and South Lake Woods Survey areas, and the data need to be merged to extract maximum detail from it. This will be sought from an outside source in the next term of the Licence. The area does display some magnetic character, most likely dominated by the sill of pre- Cambrian Dolerite.

5 Field Program

Fieldwork by Paradigm North commenced in the area in late 2003 with a reconnaissance expedition to collect baseline diamond and geochemical samples, and for familiarisation and meetings with stakeholders. The area of the tenement was inspected at a reconnaissance scale with the aim of determining if the area would respond to the normal reconnaissance methods of drainage sampling. Streams were quite well developed in the west of the title, but on the Helen Springs country in the east, stream drainage was not well developed, and reconnaissance of this area was not completed because of time constraints. A traverse along the boundary fence demonstrated that there was suboutcrop to be found in the area, and more attention will be paid to it in the coming season. Sample locations are shown on Figs. 1, and 2.

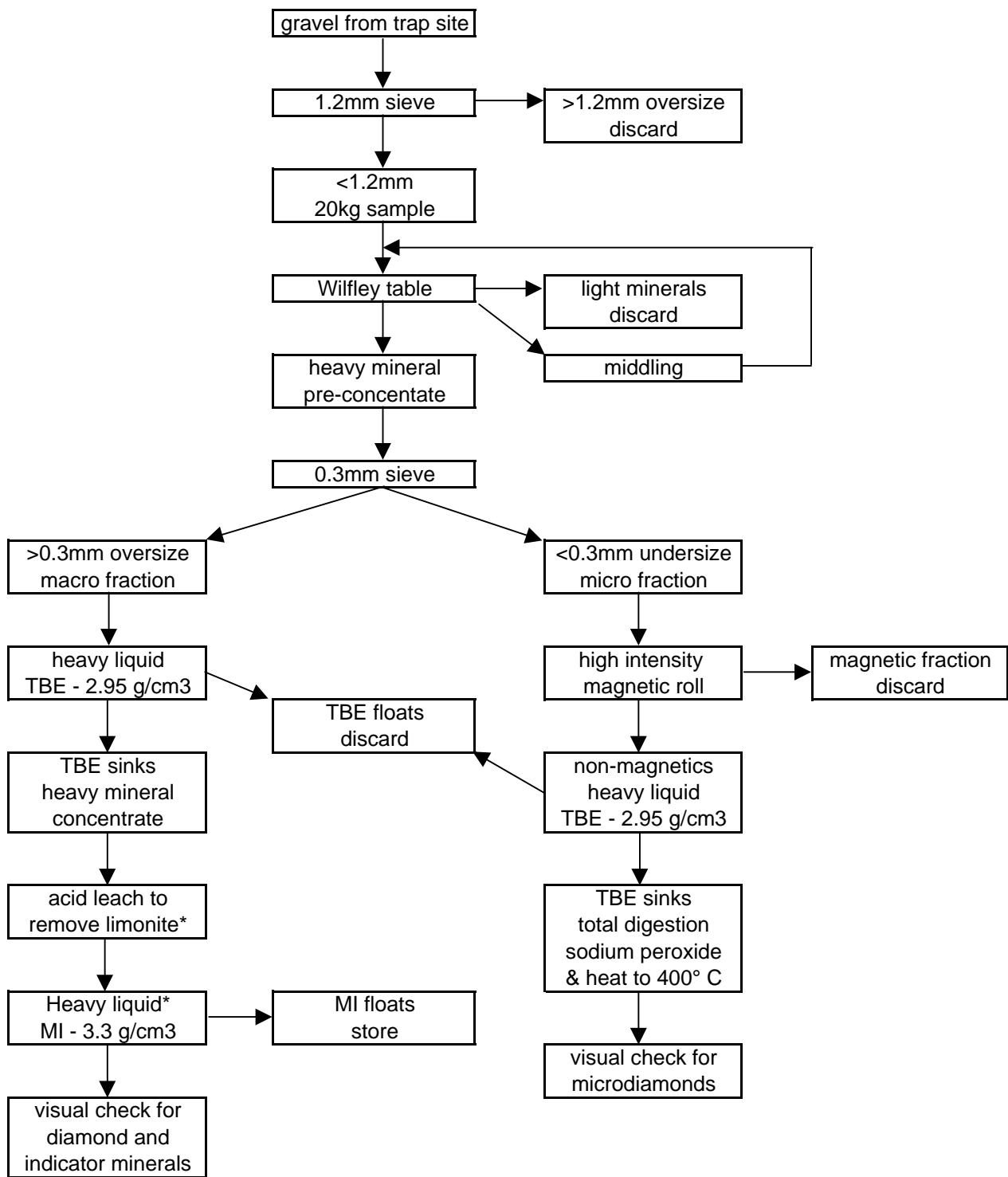
6 Results of Paradigm North Target Reconnaissance

6.1 DIAMOND SAMPLING (APPENDIX 1)

A total of five alluvial samples were collected from drainages within and adjacent to the project area: 165720, 165732, 165735, 165736 and 165738. Sample sites were of wide ranging quality. Sites were of poor quality to the west in the flat, low lying area around Lake Woods. In contrast, good quality trap sites are present in the Ashburton Range which passes through the central part of the area. No samples were collected east of the Ashburton Range due to the lack of drainages suitable for sampling. Samples 165732, 165735 and 165738 each contained a single microdiamond. The most significant of these was a 0.4mm clear fragment from a larger octahedron (Type I) in sample 165738. The remaining two microdiamonds are small pink-brown coloured cubes (Type II). Sample 165720 yielded a single subhedral chromite with cokey, pitted surfaces. The chromite is of indeterminate origin but is of interest, particularly in the presence of the diamonds. A Proterozoic dolerite sill is a potential source of the chromite. However sample 165732 was collected from a creek that cuts across the sill and it does not contain chromite. The three microdiamonds and one chromite together with the microdiamond reported by Ashton Mining occur in three separate creeks that drain from a common source area in the Ashburton Range. Several magnetic and Landsat features within this area represent targets of great interest. Sample 165738 contained minor amounts (<1%) of barite and pyrite.

6.2 -80# STREAM SEDIMENT SAMPLING (APPENDIX 2 AND 3)

Eight stream sediment samples were collected. One of these, 165733, was collected wet as an iron hydroxide rich soil from a seepage spring feeding a waterhole west of



Notes:

* applies to selected samples where further reduction of large concentrates was necessary

TBE: tetrabromoethane

MI: methylene iodide

Figure 3
Diamond sample processing flow sheet

the ranges. This returned higher values than other samples, as would perhaps be expected.

Stream sampling was only conducted in the western portion of the Target Area, as drainage was poorly developed in the east. However efforts were also restricted because of time constraints, and more stream sediment sampling will be undertaken in follow up. The general level of stream sediment results are not high compared with other areas sampled during this reconnaissance of Target Areas.

6.3 ROCK CHIP SAMPLING (APPENDIX 2 AND 3)

Only two rock chip samples were collected:

- 165734, an apparent tuff from the creek crossing on the rail access road. This returned non-anomalous values, and
- 165737, a lateritised shale, has the highest ranking of any rock chip collected in the reconnaissance. It has the high values for As, Se, Th, and Te, and appreciably elevated levels of S and U.

7 Geological Observations

Appendix 3 contains a preliminary attempt to determine the metal associations of the geochemical patterns from the Paradigm Targets to assist in model generation, and these have been ranked across the whole sample suite collected during the expeditions in 2003 to gather reconnaissance background on the various target areas.

The anomalous rock chip sample is from an area of open laterite plateau which would be easy to follow up. In fact it is possible that these represent formations lower in the stratigraphic column with more potential for base metal mineralization. In any case the value obtained in 165737 should be followed up. The exceptional diamond sampling results, in association with chromite, and magnetic and landsat features, also rank as targets for further exploration.

8 Recommendations for Follow-up

The following follow-up is required as soon as practicable:

- The target area has been covered by recent aeromagnetic surveys, and the data should be processed to highlight potential kimberlite targets;
- Follow-up reconnaissance alluvial sampling is recommended to further define the source area of the microdiamonds, and
- Loam sampling should be undertaken over magnetic and Landsat anomalies later in the term;
- -80 # stream sediment samples should be taken along with the alluvial sampling, and extended to the east if suitable drainages can be identified, even if these are poorly developed;
- In addition, grid rock chip sampling of suboutcrop and laterite in the east of the area, to outline the area of elevated values and other features of interest should be completed.

The primary aim of the program in year 2 of the licence will be to characterise the target for more intense work, probably involving drilling in year 3 of the EL.

Expenditure in the current term of the licence will be at least \$30,000.

9 Expenditure Statement

During the reporting period, expenditure has been as follows:

Geological Services:	9,400.00
Analytical Services	3,144.00
Travel and Accommodation	3,659.00
Consumables	65.00
Sacred Sites/ Native Title	1,500.00
Office Expenses	2,490.00

TOTAL	\$20,258.00

10 References

- CR1985-0015: Annual Report ADE Joint Venture EL4337
- CR1986-0087: Final Report ADE Joint Venture EL4337
- CR1986-0092: Final Report ADE Joint Venture EL4345
- CR1988-0229: Final Report DF Ward EL4945
- CR1989-0412 Annual and Final Report A. Romanoff Lone Pine Gold NL EL5770
- CR1990-0131 Annual and Final Report A. Romanoff Rose Quartz Mining EL6333
- CR1993-0155 Annual and Final Report H.J. Roiko, CRAE EL 7591

APPENDIX 1																	
SUMMARISED RESULTS OF DIAMOND SAMPLE EXAMINATIONS																	
Sample No	North	East	Prospect	Altitude	Zone	Date Collected	Conc. Wt	Diamond	Chromite C	Chromitel	Background Mineralogy A	BMC common	BMC often	BMSome	BM Few	BM Trace	Comments
165720	8014481	353686	Lake Woods	215	53	20/10/2003	78.6			1*0.4	Limonite			Tourmaline		Almandine;Kyanite;Zircon Fenite;Imenite;Tourm aline	
165732	8019229	358433	Lake Woods	220	53	20/10/2003	376	1*0.1T2			Limonite					Amphibole;Imenite;Tour maline	
165735	8012702	354860	Lake Woods	208	53	21/10/2003	28.6	1*0.1T2			Limonite					Rutile	
165736	8013141	355789	Lake Woods	217	53	21/10/2003	61				Limonite			Tourmaline			
165738	8016967	359913	Lake Woods	227	53	21/10/2003	277	1*0.3T1			Limonite			Barite;Tourmaline		Ilmenite;Pyrite	

**APPENDIX 2
ASSAY RESULTS OF SAMPLES COLLECTED IN 2003 RECONNAISSANCE**

Sample No	North	East	Prospect	Altitude	Zone	Slupe	Date Collected	Comments	Ag	Al	As	Au ppt	Au(R) ppt	Au ICP ppt	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr
185720	8014481	3539686	Lake Woods	215	53	80#	20/11/02003	Diamond Sample 2 bags	0.1	43500	3.8	0.333333	0.333333	1	155	0.4	0.1	2460	0.016667	352	8.6	50
185721	8011778	3549603	Lake Woods	218	53	80#	20/11/02003		0.016667	19200	2.8	0.333333	0.333333	0.0333333333	49.5	0.4	0.04	360	0.016667	11.6	2.9	30
185722	8018229	3544323	Lake Woods	220	53	80#	20/11/02003		0.016667	12800	2.8	0.333333	0.333333	0.0333333333	90.5	0.4	0.006667	3500	0.016667	13.6	6.45	40
185723	8018269	3544323	Lake Woods	220	53	80#	20/11/02003	FeOH rich soil at spring, (dried and sieved)	0.016667	29700	2.6	0.333333	0.333333	0.0333333333	106	1.1	0.36	950	0.016667	24.1	4.35	100
185724	8011540	3599411	Lake Woods	267	53	Rock Chip	21/11/02003	Tuff??	0.1	76900	9	0.333333	0.333333	2	238	2.4	0.94	500	0.016667	105	8.05	50
185725	8018272	3526833	Lake Woods	216	53	80#	21/11/02003		0.016667	12900	1.8	0.333333	0.333333	2	50	0.3	0.006667	800	0.016667	14.9	3.82	40
185726	8015474	3545793	Lake Woods	219	53	80#	21/11/02003		0.016667	14100	1.8	0.333333	0.333333	1	83	0.3	0.006667	810	0.016667	14.9	3.82	40
185727	8016850	3567177	Lake Woods	261	53	Rock Chip	21/11/02003	Lateralised Shale	0.1	46100	14.5	0.333333	0.333333	2	275	1.5	0.42	370	0.016667	41.4	1.95	120
185728	8016867	3589113	Lake Woods	227	53	80#	21/11/02003		0.016667	12000	2	0.333333	0.333333	1	71.5	0.3	0.02	920	0.016667	12.3	5.3	30
185729	8018814	3610105	Lake Woods	232	53	80#	21/11/02003	in gully upstream from spring	0.016667	11800	3	0.333333	0.333333	2	68.5	0.3	0.006667	970	0.016667	10.6	2.95	40

Below detection limit expressed as one third of detection limit

APPENDIX 2		ASSAY RESULT																					
Sample No	Pb	Re	Ru	S	Sh	Sc	Se	Sm	Sn	Sr	Ta	Tb	Tc	Th	Ti	Tl	Tm	U	V	W	Y	Zn	Zr
185720	12	0.016667	0.016667	60	0.1	0.333333	0.666667	3.71	1.1	44.5	0.56	0.54	0.033333	6.48	2880	0.23	0.24	0.9	60	1.1	12.3	20	77.2
185721	9.84	0.016667	0.016667	40	0.016667	0.333333	0.666667	1.47	0.8	15	0.16	0.16	0.033333	2.73	1680	0.06	0.08	0.48	50	1.55	3.74	8	38.2
185722	12.6	0.016667	0.016667	80	0.016667	0.666667	0.666667	1.47	1.1	31.5	0.10	0.23	0.033333	2.51	3840	0.07	0.11	0.48	70	0.3	5.74	16.2	44.2
185723	22.8	0.016667	0.016667	160	0.016667	1.333333	1.333333	2.14	1.8	63	0.16	0.33	0.033333	10.1	1220	0.13	0.18	1.48	270	2.3	7.1	14.2	60.2
185724	6.64	0.016667	0.016667	320	0.15	0.666667	0.666667	4.03	1.6	47.5	0.56	0.54	0.033333	5.12	9370	0.12	0.26	2.78	560	0.65	10.2	26	97.4
185725	9.45	0.016667	0.016667	60	0.016667	0.333333	0.666667	0.93	0.8	14.5	0.14	0.16	0.033333	2.16	970	0.03	0.08	0.48	30	0.42	3.93	9.2	36.2
185726	7.91	0.016667	0.016667	80	0.016667	0.444444	0.666667	0.79	0.9	14.8	0.14	0.16	0.033333	1.6	970	0.02	0.08	0.38	20	0.42	2.93	8	34.2
185727	20.8	0.016667	0.016667	560	0.65	1.333333	1.333333	4.73	2.2	69	0.54	0.66	0.033333	22.8	2020	0.15	0.31	3.68	750	1.7	13.1	16	104
185728	12.6	0.016667	0.016667	140	0.016667	0.333333	0.666667	1.16	1.2	15.3	0.14	0.16	0.033333	2.57	800	0.06	0.09	0.47	20	0.8	4.39	6.5	37.2
185729	12.7	0.016667	0.016667	120	0.016667	0.333333	0.666667	0.93	1.6	18	0.14	0.14	0.033333	2.56	800	0.07	0.07	0.45	30	2.85	3.5	7	33.5
Below detecto																							

APPENDIX 3 PARADIGM NORTH RECONNAISSANCE SAMPLING 2003: INDICES BASED ON RATIO OF ANALYTIC RESULT TO AVERAGE CRUSTAL ABUNDANCE																																										
Sample No	North	East	Prospect	Altitude	Zone	Stype	Date Collected	Comments	Ag	Al	As	Au ppb	Au(R) ppb	Au (R)/ppb	Au ICP ppb	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu	Mg		
Crustal Abundance ppm									0.08	81000	1	3			3	250	1.5	0.06	36000	0.098	33	29	185	1	75	3.7	2.2	1.1	50000	18	3.3	1.6	3	0.78	0.001	26000	16	13	0.3	21000		
STREAM SEDIMENTS																																										
165720	8014481	353686	Lake Woods	215	53-80#			Diamond Sample 2 bags	1	1	4	0			0	1	1	2	0	1	1	0	0	2	0	1	1	1	1	1	1	1	1	1	3	0	1	1	1	0		
165731	8011778	354360	Lake Woods	218	53-80#		20/10/2003		0	0	3	0			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0		
165732	8019229	358433	Lake Woods	220	53-80#				0	0	3	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
165733	8018799	360442	Lake Woods	229	53-80#			20/10/2003 FeOH rich soil at spring.	0	0	23	0			0	0	1	6	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165734	8011540	359941	Lake Woods	267	53 Rock C			21/10/2003 ?Tuff??	1	1	9	0			0	1	2	1	0	0	3	0	0	1	0	1	1	1	1	6	1	1	0	1	1	7	0	4	1	1	0	
165735	8012702	354860	Lake Woods	208	53-80#			21/10/2003	0	0	2	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
165736	8013141	355789	Lake Woods	217	53-80#			21/10/2003	0	0	2	0			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
165737	8016850	364717	Lake Woods	261	53 Rock C			21/10/2003 Lateritised Shale	1	1	145	0			0	0	1	7	0	1	0	0	1	1	0	1	1	1	9	1	1	0	1	1	11	0	1	0	1	0		
165738	8018967	359913	Lake Woods	227	53-80#			21/10/2003	0	0	2	0			0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
165739	8018814	361015	Lake Woods	232	53-80#			21/10/2003 in gorge upstream from spring	0	0	3	0			1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ratios rounded to nearest integer																																										
Total: Sum of all element ratios																																										
All Metal: Sum of all economic or indicator elements																																										
Granite Skarn Index: Sum(W+U+Th+Ta+Sn+Nb+Mo+Li+Be)																																										
Base Metal Index: Sum(Zn+Sb+Pb+Mn+Cu+Cd+Bi+Ba+As+Ag)																																										
Precious Metal Index: Sum(Te+Sb+Au+Ag+As)																																										
UltraBasic Index: Sum(V+Ti+Ni+Cr+Cu+Co)																																										
VHMS Index: Sum(Zn+Sn+Sb+Pb+P+Mn+Cu+Cd+Bi+Ba+Au+As+Ag)																																										
Goldfields Total: Sum of Rankings																																										
Total Rank: Ranking of Totals																																										

APPENDIX 3																	
PARADIGM NORTH RECONNAISSANCE SAMPLING 2003: INDICES BASE I																	
Sample No	North	East	Prospect	Altitude	Zone	Stype	SkarnIDX	BMIDX	BMIDX_Rank	PrecMIDX	PrecMIDX_Rank	UBasIDX	UBasIDX_Rank	VMSIDX	VMSIDX_Rank	Goldfields Total	Total_Rank
Det. Limits																	
STREAM SEDIMENTS																	
165720	8014481	353686	Lake Woods	215	53-80#		17	12	27	6	29	7	22	12	28	150	24
165731	8011778	354360	Lake Woods	218	53-80#		41	6	43	4	40	3	38	6	44	250	45
165732	8019229	358433	Lake Woods	220	53-80#		40	7	38	4	35	5	26	7	39	219	38
165733	8018799	360442	Lake Woods	229	53-80#		10	40	8	31	6	12	11	41	8	51	8
165734	8011540	359941	Lake Woods	267	53-Rock C		7	23	14	17	14	20	9	24	14	72	13
165735	8012702	354860	Lake Woods	208	53-80#		29	5	47	3	45	3	40	5	47	248	44
165736	8013141	355789	Lake Woods	217	53-80#		31	6	44	4	41	4	36	6	43	233	41
165737	8016850	364717	Lake Woods	261	53-Rock C		3	172	1	161	1	27	5	174	1	12	1
165738	8018967	359973	Lake Woods	227	53-80#		35	7	37	5	33	5	31	8	36	206	36
165739	8018814	361015	Lake Woods	232	53-80#		30	8	35	6	31	4	33	8	35	196	32
Ratios rounded to nearest integer																	
Total: Sum of all element ratios																	
All Metal: Sum of all economic or indicator elements																	
Granite Skarn Index: Sum(W+U+Th+Ta+Sn+Nb+Mo+Li+Be)																	
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Goldfields Total: Sum of Rankings																	
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