



GOLDFIELDS EXPLORATION

GOLDFIELDS EXPLORATION PTY LIMITED

ACN 067 813 932

89 Burswood Road PO Box 322 Victoria Park WA 6979 Australia

Telephone: (61 8) 9442 8100 Facsimile: (61 8) 9442 8181

MEMORANDUM

To : Michael Vicary
From : Chris Dauth
Date : 7 November 2001
Subject : **TASMANIA DHEM PROGRAM DECEMBER 2001**

INTRODUCTION

This MEMO outlines survey details for a down-hole electromagnetic (DHEM) survey designed for four diamond drill-holes (TYN017, TYN018, TYN019, and TYN020) within EL19/1998. EL19/1998 is currently held by Goldfields Ltd who are exploring for Henty style gold mineralisation. The tenure is situated within the Central Mt Read Volcanics in Western Tasmania (Figure 1). The aim of this MEMO is to assist with cutting of grid-lines for survey transmitter loops and to assist the DHEM field crews in successful completion of the survey.

SURVEY LOCATION

The survey area is situated approximately 30 km from the town of Zeehan. The location of drill-holes and planned transmitter loop locations is presented in Figure 2. All four drill-holes collars are situated within 1.6 km's of each other and are accessible by 4WD vehicle.

SURVEY SPECIFICATIONS

Survey specifications are outlined below:

Contractor:	Outer Rim Exploration Services
Survey Date:	December 2001
Survey Type:	Down-hole EM
System:	CRONE PEM
Transmitter:	CRONE 110V or 240V
Receiver:	CRONE
Time Windows:	17-24
Time Base:	10 msec
Ramp:	0.5 msec
Sample Interval:	10m
Number of Readings:	3 per station
Stacks:	1024
Components:	Axial only (x and y if anomalies detected)

Hole collars are tabulated below:

Drillhole	E_AMG	N_AMG	RL	Depth	Azimuth	Dip	Tx Loops
TYN017	380834	5354176	525	305	270	45	T1 T2
TYN018	380613	5353996	505	340	90	55	T3 T4
TYN019	380896	5354375	527	351	270	66	T5
TYN020	379279	5354292	509	300	90	50	T6

Down-hole survey details are tabulated below:

TYN017

Depth	Dip	Azimuth
0	45	270
41.5	46.5	263
71	46	263
101	45.5	262
133	44.8	260
162.7	43.7	261
195	40	258
228	39	257
258.9	38.3	260
301	38	257

TYN018

Depth	Dip	Azimuth
0	55	90
34	53	89
65	53	90
122	52	90
152	51	91
182	50	91
218	49	92
256	48	91
302	47	91
337	45	92

TYN019

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0	-66	270	13	-64.8	269	239	-56.7	270
26	-65.7	268	152	-63.5	270	269	-55.5	271
59	-65.2	268	182	-61	269	299	-54.4	272
88	-64.3	269	212	-58.5	270	329	-53.3	277

TYN020

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0	-50	090	99	-49.7	096.5	219	-41.5	(097.5)
15	-51	092	129	-47.5	096.5	249	-37	098
41	-51.5	093	159	-46	096	279	-33.4	098
69	-51.3	097.8	189	-44	097			

Transmitter loop corners are tabulated below:

Loop	Corner	E_AMG	N_AMG
T1	NW	380900	5354300

T1	NE	381100	5354300
T1	SE	381100	5354100
T1	SW	380900	5354100
T2	NW	380500	5354300
T2	NE	380700	5354300
T2	SE	380700	5354100
T2	SW	380500	5354100
T3	NW	380900	5354100
T3	NE	381100	5354100
T3	SE	381100	5353900
T3	SW	380900	5353900
T4	NW	380500	5354100
T4	NE	380700	5354100
T4	SE	380700	5353900
T4	SW	380500	5353900
T5	NW	380400	5354500
T5	NE	380700	5354500
T5	SE	380700	5354200
T5	SW	380400	5354200
T6	NW	379400	5354400
T6	NE	379600	5354400
T6	SE	379600	5354200
T6	SW	379400	5354200

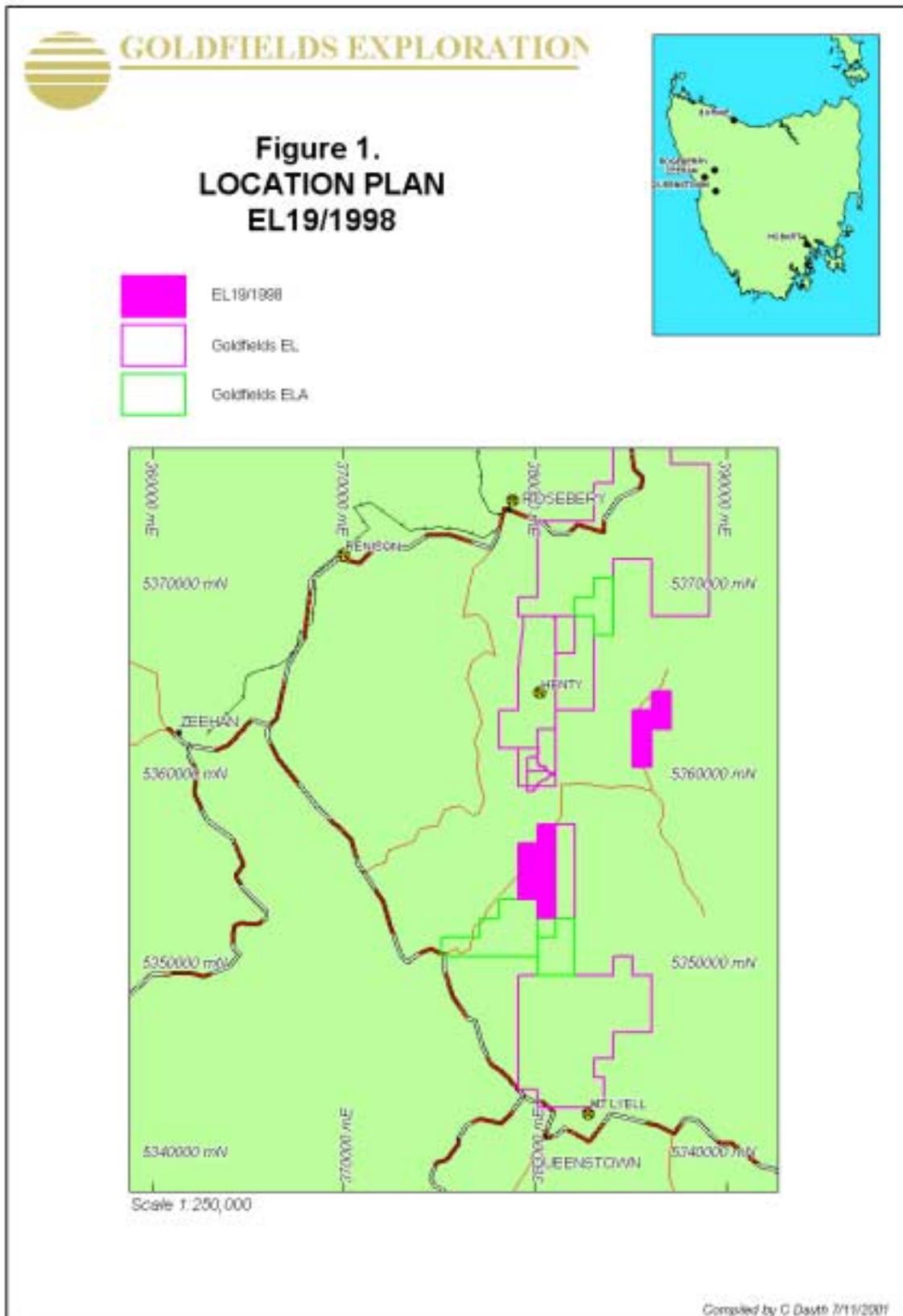
SURVEY TIMING

It is proposed to commence the survey in the 1st week of December 2001.

SURVEY CONTRACTOR AND COST ESTIMATE

Outer Rim Exploration Services have been contracted to complete the work programme. Outer Rim have a large amount of experience working in Tasmanian conditions and have suitable equipment for the job.

The cost should take approximately five days to complete for a cost in the order of \$10,000.



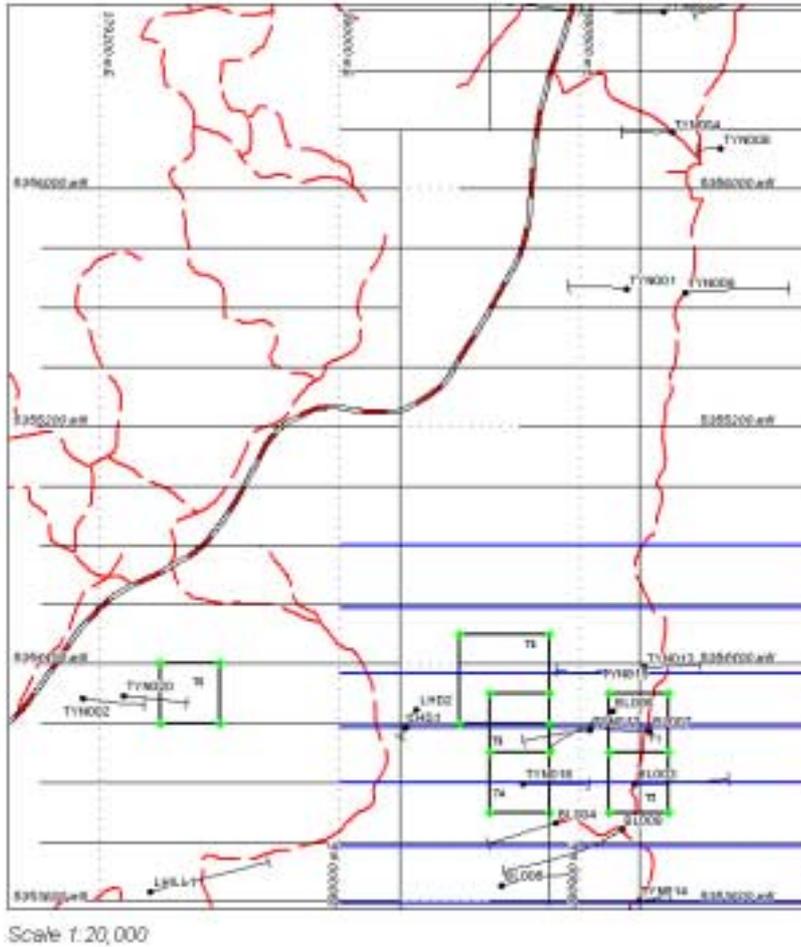


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**Figure 2.
DHEM Loop Layout**



-  DHEM Transmitter loop
-  P Line
-  CSAMT Line
-  Access track



Compiled by C. Dault 7/11/2001