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ANNUAL REPORT

E.L.11/92-MEUNNA

MICROFILMED
FICHE No.013859

MINERAL HOLDINGS AUSTRALIA PTY LTD

by

Vic Threader

SEARCHED	INDEXED
SERIALIZED	FILED
EL11/92	
17 MAY 1996	
see folio 23	

96-3864

ANNUAL REPORT 1996 MEUNNA
EL 11/92 MINERAL HOLDINGS
AUSTRALIA - THREADER V M

May 1996

Vic Threader Associates Pty Ltd

CIRCULAR HEAD

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Figure 1

Mineral Holdings Australia Pty Ltd

LOCALITY MAP


 EL 20/93 (Hebe River) 8 S.Km.
 EL 11/92 (Meunna) 5 S.Km. (shaded area relinquished)

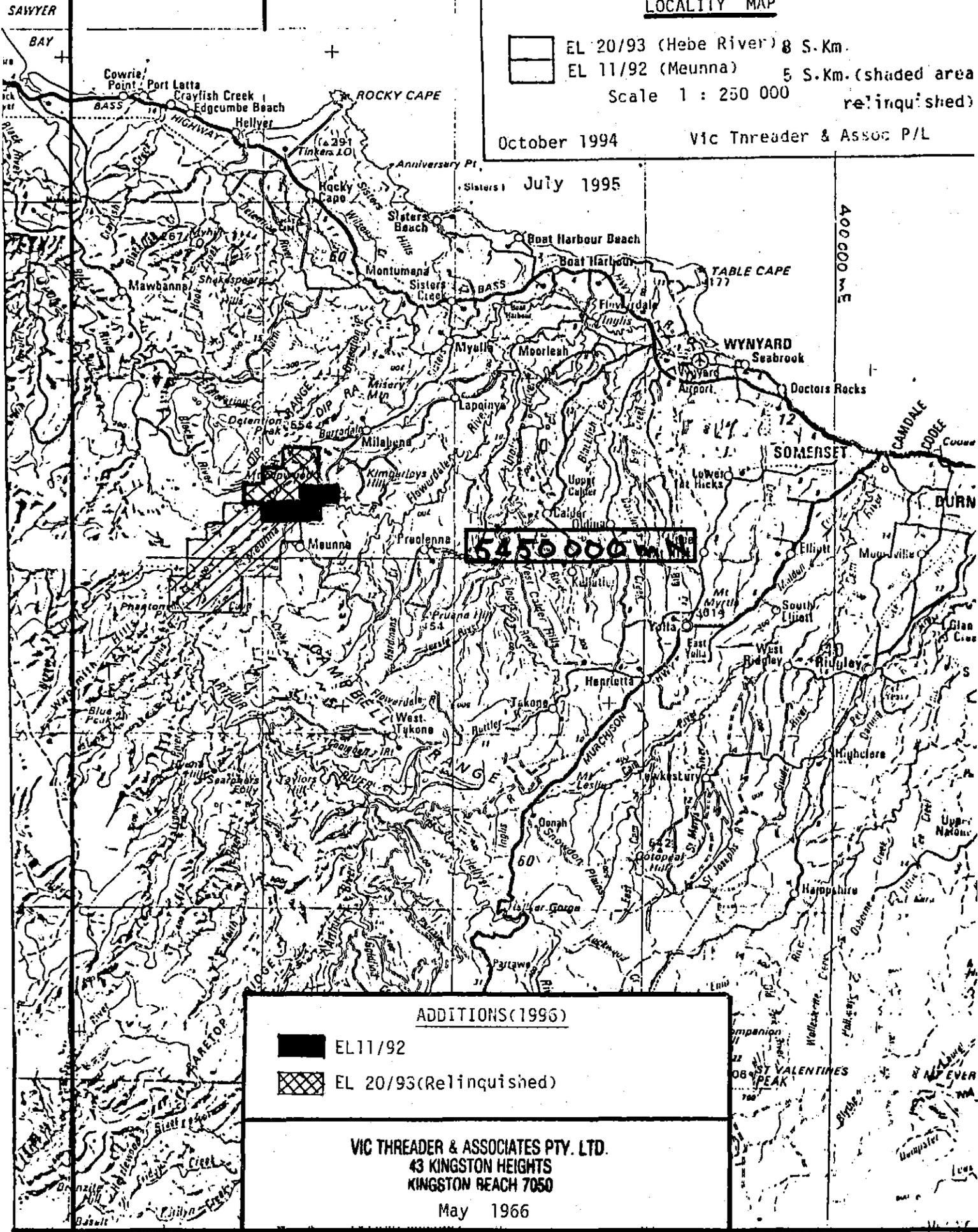
Scale 1 : 250 000

relinquished)

October 1994

Vic Threader & Assoc P/L

July 1995



ADDITIONS (1996)

-  EL 11/92
-  EL 20/93 (Relinquished)

VIC THREADER & ASSOCIATES PTY. LTD.
 43 KINGSTON HEIGHTS
 KINGSTON BEACH 7050

May 1966

5 cm

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C O N T E N T S

Introduction

Geology

Previous Exploration

Current Exploration

Proposed Exp loration

Figures:

1) Locality Map 1:250,000

2) Tenement Map 1:25,000

3) Borehole, Pit & 1:5,000

Rockchip sample map.

Introduction:

MHA holds three mineral tenements for silica resources in north western Tasmania .These are: ELs. 20/93 (Hebe River) 8S.Km.,11/92 (Myalla) 5 S.Km.and ML 8M/89 (Thomas Mountain on Dip Range) 161 Ha.

The two ELs are adjoining and are located on Myalla Road 10 & 15 km.respectively, south of Boat Harbour on Bass Highway.

EL 20/93 is to be relinquished as from the 19⁹6 renewal date and this report deals solely with exploration in EL 11/92 during the 1995-6 tenement year.

Geology:.The subject area forms part of the Trowutta sheet(7519N) of the the Geological Atlas 1:50,000 series (Everard J.L.,Seymour D.B.,Brown A.V.& Calver C.R.) and the relevant (to this report)rock unit is the Rocky Cape Group.

The stratigraphy of the Rocky Cape Group,after Gee (1968),is summarised by Turner in Geology and Mineral Resources of Tasmania.Burrett C.F,& Martin E.L.eds. 1989 Special Publication Geol.Soc.Aust.15) as:

Jacob Quartzite-supermature quartz sandstone (quartz arenite) with silica cement,well bedded with abundant planar cross bedding 1100m.

Irby Siltstone-dominantly siltstone with black shale,dolomite,sub-greywacke and haematitic breccia 750m.

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Detention Subgroup-dominantly supermature cross bedded quartz sandstone with interbedded siltstone 1400m.

Cowrie Siltstone-black pyritic shale, with siltstone increasing to the top. 2450m.

The Hebe River licence and the Mineral Lease on Dip Range are in the Detention Subgroup and the subject area (the Meunna licence) is in the Jacob Quartzite.

Previous Exploration: During 1994-1995, eleven pits were excavated along disused logging tracks (Figure 3) to obtain samples of sand from deposits on the southeastern slopes of the ridge. An *in situ* sand resource of about 45,000 CM was estimated in an area of 2.5ha. Further investigation of the resource was deferred until a market for the material can be found.

Current Exploration: A northeasterly trending strike ridge of Jacob Quartzite crosses Myalla Road at Grid Reference 715522. Thirteen holes were drilled along this ridge by a percussion rig during November/December 1995. (figure 3) Three of these intersected schist, six were aborted due to loss of air or jamming of rods, one was too wet to allow sample return and only one hole (No. 2) was drilled to target depth (18m.). Chemical analyses of 4 composite samples from this hole indicate a general increase in the level of contaminants with depth below surface particularly with regard to alumina content.

what happened to the other 2

The rockchip samples indicate a trend which has been noted in other investigations of the Rocky Cape

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quartzites, ie. outcrops have a higher purity than sub-surface material and the deterioration continues with increasing depth.

Gee's observation that the Jacob Quartzite is more quartzose than Detention Subgroup quartzite is not borne out by the drilling results nor by observations in the gravel pits in the area.

Further Exploration:The results of the exploration are inconclusive and further work is required before a final assessment can be made.

It is proposed to test drill the extension of the quartzite ridge for a further 1.5m.northeast to the licence boundary.As there is no vehicular access to this area,an initial drilling programme using a portable rig would be the most practical means of assessing whether providing access for a conventional rig is justified.

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HAMMER DRILL LOGS IN JACOB QUARTZITE-EL 11/92 (MEUNNA)

BH No.	Depth (m)	Thick ness (m)	Hard ness#	Colour*	Analysis				Depth (m)
					SiO ₂ %	TiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	
H 1	0-3	3	S	W					
	3-5	2	H	W	99.2	0.24	0.13	<0.1	(3-5
					99.4	0.18	0.12	<0.1	(
	5-6 6-7	1 2	S H	W W	(Rods jammed)				
H 2	0-12	12	H	W	99.6	0.09	0.11	<0.1	(0-6
					99.6	0.07	0.12	<0.1	(
					99.4	0.07	0.28	<0.1	(6-12
					99.5	0.07	0.28	<0.1	(
	12-15	3	H	OW	98.8	0.09	0.66	0.1	(12-14
15-18	3	H	OW	98.9	0.07	0.52	0.1	(
				98.30	0.12	0.97	0.1	(14-18	
				97.8	0.15	1.19	0.2	(
H 3	0-4	4	H	W	99.6	0.04	0.18	<0.1	(0-4
	4-5	1	S	W	99.4	0.05	0.24	0.1	(
(Lost air)									
H 4	0-2	2	S	W					
	2-4	2	H	W	(Too wet to sample)				
H 5	0-1	1	S	W					
	1-3	2	H	W					
	3-4	1	VS	W	(Lost air)				
H 6	0-6	6	S	W					
	6-7	1	H	W					
	7-11	4	H	Cr					
	11-12	1	S	Cr	(Rods jammed)				
H 7	0-1	1	H	W					
	1-2	1	H	OW					
	2-4	2	H	LBr					
	4-5	1	-	---	(Schist)				
H 8	0-1	1	H	W					
	1-2	1	H	OW					
	2-3	1	H	Cr					
	3-5	2	-	-	(Schist)				

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H 9	0-3	3	H	LBr				
	3-11	8	H	L Br				
H 10	0-1	-	-	-	(Discarded)			
	1-6	5	H	W	99.6 0.06 0.14	<0.1	(2-7	
	6-7	1	S	W	99.4 0.04 0.13	<0.1	(
								(Lost air)
H 11	0-1	1	H	W				
	1-3	2	S	W				
	3-4	1	H	W				
	4-7	3	S	W				(Lost air)
H 12	0-1	1	-	-	(Discarded)			
	1-8	7	H	W	99.6 0.10 0.17	<0.1	(2-8	
	8-9	1	S	W	99.5 0.11 0.12	<0.1	(
								(Lost air)
H 13	0-4	4	S	W				
	4-9	5	H	W				
	9-10	1	-	-				(Schist)

A coarse fraction(+4mm.) was separated from each BH sample and analysed separately-the lower set in each case,to ascertain whether contaminants were more abundant in either fraction.There was a tendency for the coarser fractions to have lower contaminant levels but it was not conclusive and the sasmping base was too small.

*..W=white,OW=Off White,Cr.=Cream & LBr=Light Brown.
 #..H=Hard,S=Soft,VS=Very Soft.

ROCK CHIP ANALYSES

No.	Sample Width (m)	SiO ₂ %	TiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	MgO %	CaO %
12	12		1.03				
13	-		0.03				
14	25	44.5	0.05	0.26	0.1	<0.1	0.01
15	-	98.3	0.09	1.01	0.2	<0.1	0.01
16	12	99.9	0.07	0.07	<0.1	<0.1	0.07
17	12	99.8	0.04	0.01	0.1	<0.1	0.01
18	12	98.7	0.06	0.72	0.2	<0.1	<0.01

Analytical method :XRF.
 Laboratory :TEMCO.

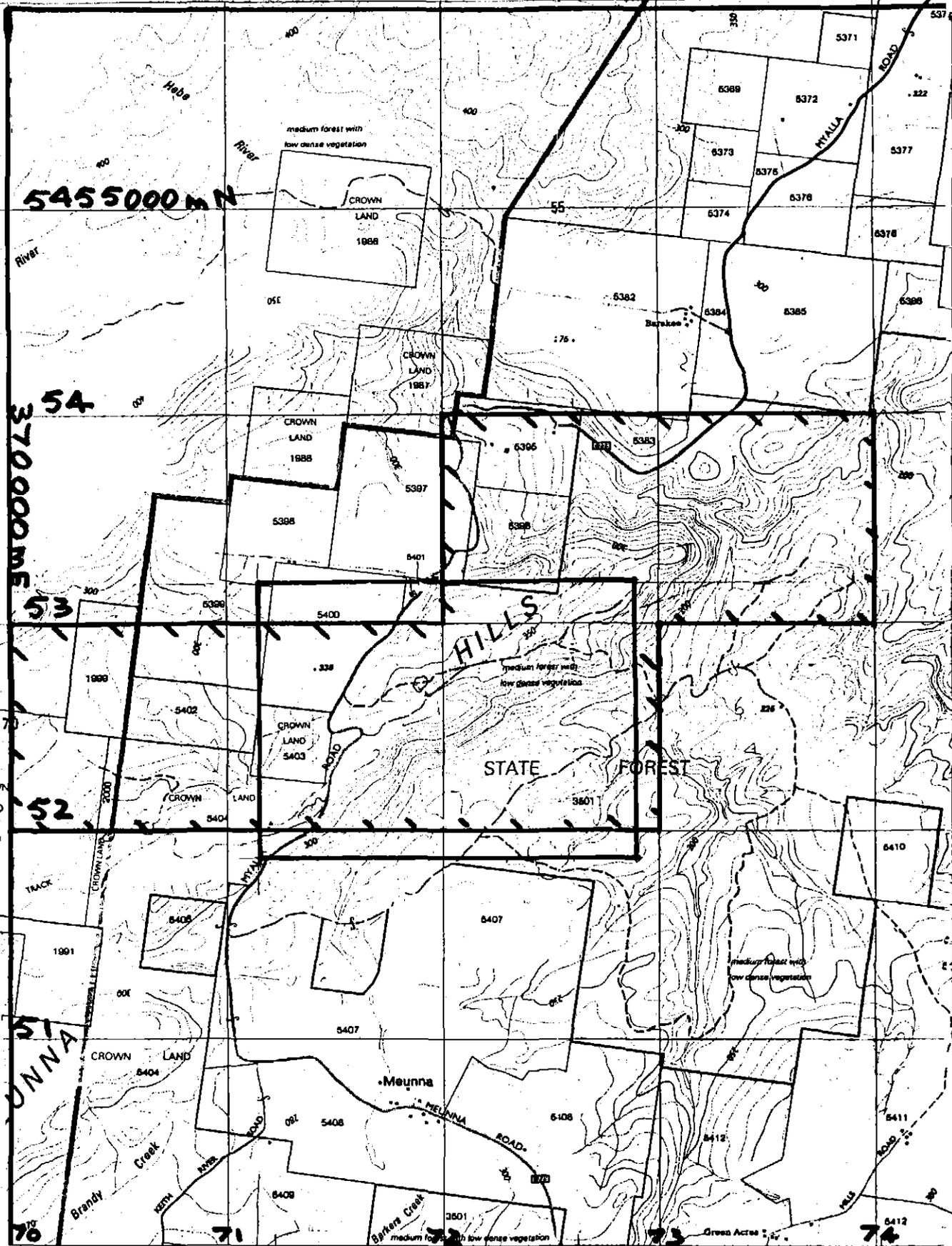


Figure 2

EL 11/92 (MEUNNA)

Mineral Holdings Australia Pty Ltd

Tenement Map

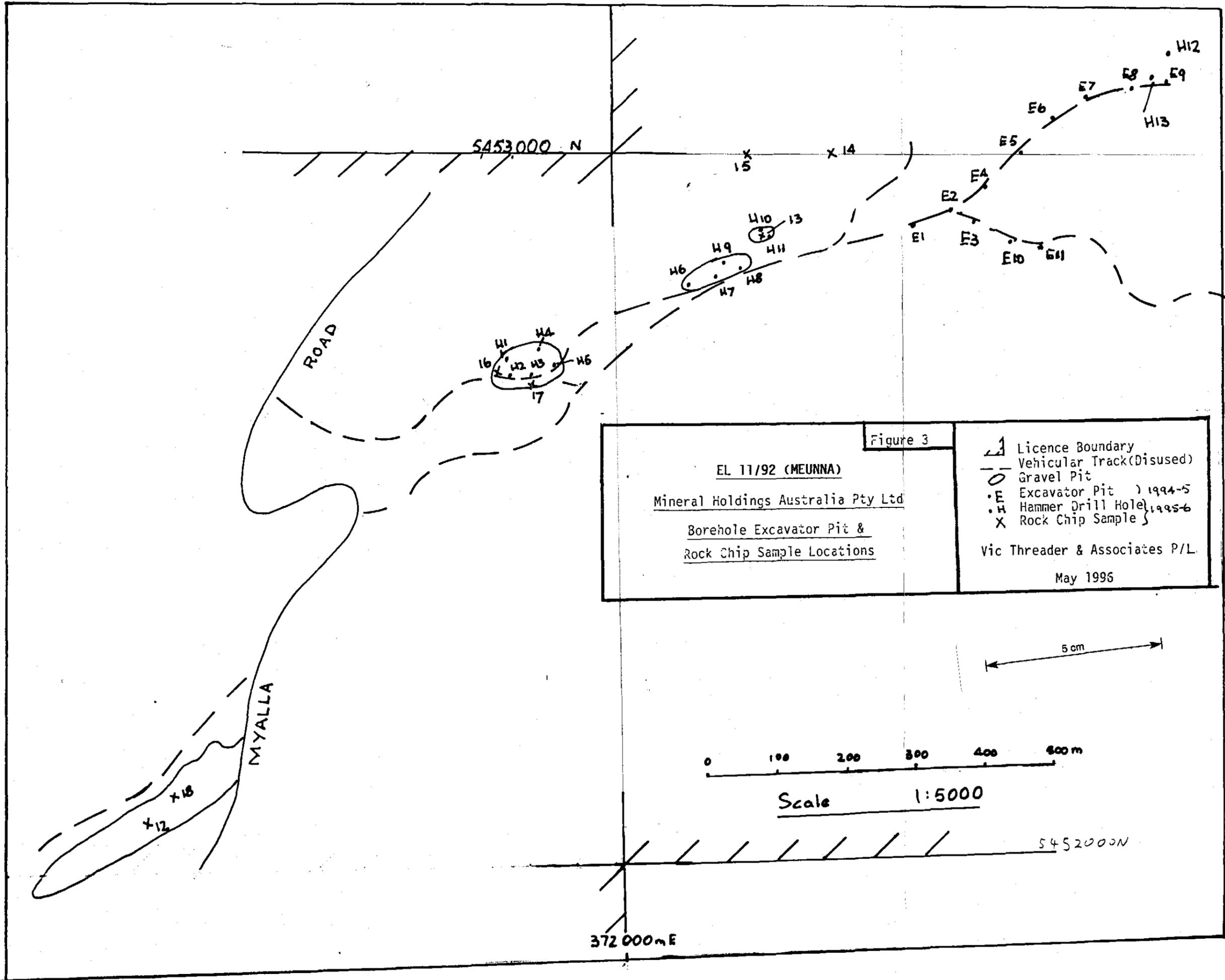
EL Boundary,
 Area of Figure 3.

Milabena 1:25 000

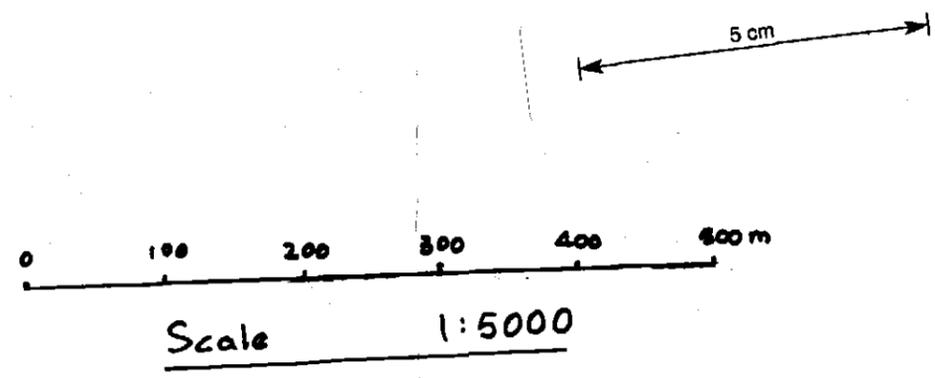
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May 1996
 339009



<p>Figure 3</p> <p>EL 11/92 (MEUNNA)</p> <p>Mineral Holdings Australia Pty Ltd</p> <p><u>Borehole Excavator Pit & Rock Chip Sample Locations</u></p>		<p> Licence Boundary Vehicular Track (Disused) Gravel Pit Excavator Pit 1994-5 Hammer Drill Hole 1995-6 Rock Chip Sample </p> <p>Vic Threader & Associates P/L</p> <p>May 1996</p>
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