

SCAMANDER MINING CORPORATION N.L.

REPORT ON McLARM PROSPECTING SYNDICATE'S
SPECIAL PROSPECTING LICENCE AT LOWER BEULAH
NORTHWEST TASMANIA

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12 June, 1970

SCAMANDER MINING CORPORATION N.L.

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NORTHWEST TASMANIA

1. GENERAL:

Assays on samples collected in this area have been tabulated together with descriptions (see Table 1). Sample locations and a sketch geological plan are included as Figure 1.

Descriptions on the regional geology have been included in a report on E.L. 14/70 at Beulah; the E.L. surrounds this Special Prospecting Licence.

2. ASSAYS:

Samples BR 10 and BR 11 are of barite vein material from the deepest workings at the bottom of the main ridge and indicate a significant concentration of lead-zinc. It is likely that these grades will improve with depth.

Sample BR 13 indicates anomalous lead in gossan collected from the top of the main ridge - the gossan may have been developed from a lead bearing sulphide lode. BR 15 and BR 19 are from a sequence of altered basic volcanics and appear to be anomalous for zinc.

3. CONCLUSION:

Conclusions on the area were adequately summarised in Progress Report 27 March - 8 May dated 18 May, 1970. Some of the samples collected indicate anomalous lead-zinc values in the area and samples BR 10 and BR 11 indicate the possibility of lead-zinc-silver mineralisation beneath the old Baryte mine workings. Any exploration over the gossans and old workings should be directed towards finding a Roseberry type

lead-zinc orebody.

Some consideration should be given to the future supply demand situation for lead/zinc before undertaking this exploration. If a decision is made to explore this area the following investigations are recommended.

1. Detailed geological mapping and some surface sampling over selected areas.
2. Geophysical investigations including reconnaissance ground magnetics and possibly a comprehensive magnetic survey. Detailed work over selected areas using one of the following methods depending on suitability, self potential, induced potential or Electromagnetic-Turam.
3. Drilling at least two or three exploratory diamond drill holes on selected targets depending on results from the above geophysical work.
4. If exploratory drilling reveals economic grades and intersections a comprehensive program of drilling could be instituted to fully evaluate the prospect.

HALL, RELPH & ASSOCIATES PTY. LTD.,

S. L. Wood, D.Sc.

PFK:mlc

TABLE 1 ASSAYS OF SAMPLES FROM LOWER BEULAH
McLARM PROSPECTING SYNDICATE SPL.

Sample Number and Type	Description	ASSAY					
		Cu	Pb	Parts per Zn	Million Bi	Sn	Ag
BR1	Floater composite from south of ridge crest. Sheared altered volcanic with goethite and some hematite.	Trace	200	400	NIL	NIL	Nil
BR2	Slightly sheared dark grey tuff. Floater from south side of narrow ridge.	Trace	NIL	300	"	"	"
BR3	Greywacke sequence. Gossan, quartz, kaolin boxwork. Outcrop composite. 50.50, Goethite - hematite.	Trace	NIL	200	"	"	"
BR4	Low grade gossanous material. Approximately 50.50 goethite hematite. Outcrop composite in sheared tuff.	Trace	NIL	100	"	"	"
BR5	Red brown almost solid hematite with quartz gangue. Hematite in matrix of quartz breccia. Some goethite and jarosite.	Trace	NIL	200	"	"	"
BR6	Gossan from dump beside shallow pit. Composite sample. Boxworks of goethite and hematite developed. May have been high grade sulphide.	Trace	Trace	400	"	"	"
BR7	Gossan chip sample from single boulder, from dump near shallow pit. Good boxwork.	100	Trace	500	"	"	"
BR8	Sample from hanging wall of barite vein in old pit. Dark grey talcose slate with some galena bearing vein-stringers. May be carrying some endogenic pyrite. May be calcareous.	Trace	500	200	"	"	"
BR9	Sample from foot wall of above vein. Light grey pink (Fe stained) phyllite after greywacke?. No trace of sulphides.	Trace	100	Trace	"	"	"
BR10	Composite sample of sulphide bearing barite from dump of new mullock material next to flooded shaft. Sugary galena in zone of red sphalerite and some pyrite.	300	25000	45000	"	"	150
BR11	Sample of solid barite boulders presumably from adit. Heavily contaminated with ruby red sphalerite with very strong H ₂ S odour. (endogenic). Less common bands of fine grained galena. About 30% of rock is sphalerite, 5% galena.	200	5600	45000	"	"	50
BR12	Composite sample of boulders from shallow surface cut east of main workings. Two gossan types - black goethite hematite sponge and harder siliceous red brown heavy hematite. Composite of both types 50.50	220	NIL	540	"	"	NIL

Sample Number and Type	Description	ASSAY							
		Cu	Pb	Parts Zn	per Million Bi	Sn	Ag		
BR13	Composite float. Heavy gossanous volcanic. Mostly goethite with some hematite and quartz phenocrysts. From northern fall of ridge.	220	520	540	"	"	<10		
BR14	Grey altered greywacke-tuff with limonite filled sulphide cavities filling 20-30% of rock. Composite several sites, southern side of ridge below crest.	120	NIL	180	"	"	NIL		
BR15	Paddock 1 chain north of road near barite prospect. Altered basic volcanic with sulphide cavities. Composite. Limonite with green clay mineral through rock.	55	NIL	620	"	"	NIL		
BR16	Composite sample several localities. Sulphide cavities with residual limonite in basic volcanic, top of knob hill.	280	NIL	170	"	"	NIL		
BR17	Same as above	120	NIL	200	"	"	NIL		
BR18	Same as above	120	NIL	130	"	"	NIL		
BR19	Composite several floaters near track to 'Garden of Eden'. One small gossan outcrop noted however most area is soil covered. Altered bleached, sheared, greywacke. Heavy gossan floaters common.	120	NIL	340	"	"	NIL		
BR20	Single specimen floater. Quartz porphyry. Some fine pyrite? Basic volcanics in the area.	120	NIL	80	"	"	NIL		
BS1	In situ. 80%-80 Near top of ridge. Red. Low organic. Tuff.	Trace	NIL	100	"	NIL	NIL		
BS2	in situ. Red-brown, derived from gossan?	Trace	Trace	100	"	Trace	NIL		
BS3	In situ. Red-dark brown. Organic 5-10%. Greywacke.	100	Trace	200	"	Trace	NIL		
BS4	From different formation on lower ridge to north of mine area. Red brown clay soil. Transported a short distance. No organic. Crest of ridge.	NIL	NIL	95	"	NIL	NIL		
BS5	Dark red soil. 10-15% Organic-roots. Skeletal. A-horizon. Greywacke.	NIL	NIL	80	"	NIL	NIL		
BS6	Brown-red skeletal soil. Organic 1%. North of main ridge on small soil covered rise in Beulah Formation. B-horizon. Has been a plowed paddock.	55	NIL	110	"	NIL	NIL		
am	BM1	Bank sample. Medium gradient. 2/1½. Basic volcanics. Organic 10%. Dark brown-black, with yellow sediment.	+85 -85	NIL 55	NIL NIL	170 150	" "	NIL NIL	NIL NIL
	BM2	Sand sample. White brown from acid volcanic. Low gradient 15/8 Trace Organic. From spill channel.	+85 -85	55 55	NIL NIL	80 95	" "	NIL NIL	NIL NIL



Tasmania

Department of Mines,

Launceston Offices,

2B7 Wellington Street,

South Launceston 10th April, 1970.

TELEPHONES:

Mineral Research ... 4 2431-2
Laboratory ... 2 Linn.
Inspection ...
Explosives and Inflammable Liquids ...
Department of Mines ... 2 2457

Seamander Mining Corporation,
81 Cameron Street,
Launceston, Tas. 7250.

Dear Sirs,

Herewith results of analyses on the following
samples received from you (per Mr. P. Kelso) on 6th April,
1970, and stated to have been obtained from Beulah.

Table with 8 columns: Reg. No., Sample No., Ag, Pb, Cu, Bi, Zn, Sn. Rows 700661-700678. Includes sub-sections B.R. and B.S.

Note: Samples No. 700670 and 700671 contain reasonable amounts of Ba.

Analyses by R. L. Anderson

Yours faithfully,

(H.K. Wellington),
Chief Chemist & Metallurgist.

Pees: \$86.00



MUR

Tasmania

Department of Mines,

Launceston Offices,

287 Wellington Street,

South Launceston 1. 1. 1970.

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TELEPHONES:-

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Grandeur Mining Corporation,
81 Cameron Street,
Launceston, Tas - 7250.

Dear Sirs,

Herewith results of analyses on the following samples received from you (per Mr. Kelso) on 10th April, 1970 and stated to have been obtained from the Beach area.

Req. No.	Sample No.	Parts Per Million					
		Cu	Pb	Zn	Bi	Sr	Ag
700715	BR-12	220	NIL	540	NIL	NIL	NIL
700716	13	220	520	540	NIL	NIL	<10
700717	14	120	NIL	130	NIL	NIL	NIL
700718	15	55	NIL	620	Trace	NIL	NIL
700719	16	280	NIL	170	NIL	NIL	NIL
700720	17	120	NIL	200	NIL	NIL	NIL
700721	18	120	NIL	130	NIL	NIL	NIL
700722	19	120	NIL	340	NIL	NIL	NIL
700723	20	120	NIL	80	NIL	NIL	NIL
700724	EM-1	NIL	NIL	170	NIL	NIL	NIL
+85 Mesh							
	-85 Mesh	55	NIL	150	NIL	NIL	NIL
700725	2-	55	NIL	80	NIL	NIL	NIL
+85 Mesh							
	-85 Mesh	55	NIL	95	NIL	NIL	NIL
700726	EE-4	NIL	NIL	95	NIL	NIL	NIL
700727	5	NIL	NIL	80	NIL	NIL	NIL
700728	6	55	NIL	110	NIL	NIL	NIL

Analyses by *Houston ORDET*

Yours faithfully,

H. K. W. W.

(H.K. Wellington),
Chief Chemist & Metallurgist.

Fig. 1.

MAGNETIC NORTH
↑
1970



- LEGEND.**
- Qal Alluvium
 - * * * Quartz Felspar Porphyry.
 - - - Tuffs, Greywackes, Slates
 - v v v Altered Basic Volcanics.
- SAMPLES.**
- BR Rockchip
 - BS Soil
 - BM Stream.

SCAMANDER MINING CORPORATION N.L.

McLARN PROSPECTING SYNDICATE
SPECIAL PROSPECTING LICENCE.

LOWER BEULAH LEAD-ZINC-SILVER.
SKETCH GEOLOGICAL MAP WITH
LOCATIONS OF ROCKCHIP, SOIL,
AND STREAM SAMPLES.

NOTE:
GEOLOGY IS INTERPRETED AND IS
NOT FACT MAPPING.

Scale: 1" = 6 chains.

HALL, RELPH & ASSOCIATES P.K.