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REPORT ON SPECIAL PROSPECTING LICENCE 48
(STRONACH PROSPECT)

for

INTERNATIONAL MINING CORPORATION N.L.

by

E. Krajnc

AMG REFERENCE POINTS ADDED

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INTRODUCTION

Special Prospecting Licence (S.P.L.) No. 48 covers 2,000 acres and is approximately three miles north-north-east of Mt. Stronach, or six miles north-east of Scottsdale townsite. The co-ordinates are 41°06' S latitude, 147°34' E longitude.

Access to the area is by all-weather road from Scottsdale.

Work in the area commenced on May 22nd and ceased on June 5th, 1970.

TITLE

Special Prospecting Licence No. 48 is held by Mr. R.L. Rainbow of Winnaleah. An option of nine months' duration was signed on 5th May. The option, which also covers S.P.L. No. 55 of 640 acres, called for a down payment of $2,000, plus a balance of $19,000, together with a royalty of 1% of gross production if the option was exercised.

GEOLOGY

The geology of the area is that of Devonian granite basement with Tertiary Quaternary alluvium filling stream channels. Within the area tested by drilling the maximum thickness of alluvium located was 68 feet.

The profile in the alluvium from top to bottom is typically soil, granite and wash up to five feet thick. Cassiterite is concentrated in the wash and associated minerals are zircon and monazite. Syngenetic pyrite has formed in the alluvium.

DETAILS OF WORK

Ten drill holes with a total footage of 338 feet were put down. The drilling was augmented with costeans. Of the 16 costeans put in only nine reached bottom. The holes and costeans are located on Figure 1.

DISCUSSION OF RESULTS

Erratic high values were located around the edges of the alluvium, and near the old workings on Chinaman Creek.

The results obtained do not justify calculation of possible reserves, as they are not consistent from one line of holes to another.

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CONCLUSIONS

There is insufficient data to fully evaluate the area, but as the existing analytical results are from the areas of greatest potential, it must be concluded that this area does not contain a continuous, significant body of stanniferous wash.

To test the area fully additional drilling is required.

It is therefore recommended that some testing be carried out on S.P.L. 55, after which one will be able to evaluate the entire option area.

E. Krajnc

E.A. WEBB & ASSOCIATES PTY. LTD.

G.A. McLellan.

Map

Stronach - Sketch plan of drill holes + pits

PLEISTOCENE TO RECENT

DEVONIAN GRANITE

SLUICED GROUND

TRACK

⊙SPC 2 DRILL HOLE

10·2 OZS SnO_2 / CUBIC YARD

● SRC 5 PIT Sc. 1" : 200'

SCALE 1" = 200'

M N

CHINAMAN CREEK

OLD WORKINGS

OLD WORKINGS

0·2 ⊙SCP 2 (15')

10·2 ⊙SCP 1 (8')

0·4 ⊙SPT 4 (55')

0·7 ⊙SPT 3 (60')

0·2 ⊙SPT 5 (55')

0·4 ⊙SPT 2 (68')

0·4 ⊙SPT 1 (30')

28·4 SRC 12 ● 0·7 ⊙ SRC 13

17 SRC 11 ● 1·0 ● SRC 14

0·9 ● SRC 15

0·1 ● SRC 16

0·1 ● SRC 6 (not bottom)

GREAT FORESTER RIVER

0·5 ● SRC 7

0·5 ● SRC 8 (not bottom)

0·1 ● SRC 9

0·1 ● SRC 10

RUBY CREEK

SRC 23 ⊙ 6·2

2·6 ⊙ SRC 21

9·3 ⊙ SRC 22

(not bottom)

1·4 SRC 4 ● 0·9 ● SRC 3 2·8 ● SRC 2 3·5 SRC 1 ● 0·8 ● SRC 5

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N-E TASMANIA

LOCALITY PLAN

S. P. L. 48.

0 5 10 MILES

BASS STRAIT

Waterhouse

Great Forester River

S.P.L. 48

Forester

North Scottsdale

Scottsdale

Lieinna

Springfield

AMG

554000E

5442200N

5 cm

AMG REFERENCE POINTS ADDED

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INTERNATIONAL MINING CORPORATION N. L.

STRONACH S.P. L. 48

SKETCH PLAN OF DRILL HOLES AND PITS

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003

Bore & Footage		Wght.(Gms)	Cu/In	%Sn	Oz/Yard
SPT. 1	0 - 5'	2.6	576	2.0	0.2
	5' - 10'	6.2	576	6.8	1.5
	10' - 15'	3.3	720	0.55	0.1
	15' - 20'	2.7	720	3.3	0.2
	20' - 25'	3.9	864	2.0	0.1
	25' - 30'	?			
SPT. 2	0 - 5'	4.5	576	2.3	0.4
	5' - 10'	12.2	576	3.2	1.4
	10' - 15'	2.2	864	1.3	0.1
	15' - 20'	13.0	864	1.5	0.4
	20' - 25'	9.1	1008	2.7	0.5
	25' - 30'	1.4	576	1.5	0.1
	30' - 35'	4.3	576	1.5	0.2
	35' - 40'	1.7	864	0.86	0.1
	40' - 45'	1.0	576	9.4	0.4
	45' - 50'	0.5	864	0.83	0.1
SPT. 3	0 - 5'	3.5	432	4.4	0.8
	5' - 10'	3.3	576	9.0	1.0
	10' - 15'	5.2	1296	1.9	0.2
	15' - 20'	2.1	864	0.81	0.1
	20' - 25'	2.9	576	1.0	0.1
	25' - 30'	2.5	432	2.1	0.2
	30' - 35'	2.6	720	2.3	0.1
	35' - 40'	2.6	864	1.8	0.1
	40' - 45'	1.9	720	6.6	0.2
	45' - 50'	1.3	864	2.8	0.1
	50' - 55'	1.9	864	1.8	0.1
	55' - 60'	10.0	720	18.1	5.3
SCP. 1	0 - 5'	5.8	432	37.4	10.6
	5' - 8'	10.4	576	26.4	9.9
SCP. 2	0 - 5'	1.1	864	4.1	0.1
	5' - 10'	1.7	432	2.1	0.2
	10' - 15'	1.9	432	1.1	0.1
SRC.	1	6.0	1260	34.6	3.5
	2	3.5	855	33.7	2.8
	3	3.3	810	10.5	0.9
	4	3.7	756	14.6	1.4
	5	0.8	585	15.6	0.5
	6	3.1	1500	2.6	0.1
	7	2.7	1350	12.0	0.5
	8	5.9	1500	6.8	0.5
	9	2.0	1400	2.5	0.1
	10	1.9	1400	4.6	0.1

Bore & Footage		Wght.(Gms)	Cu/In	%Sn	Oz/Yard	
SRC. (contd.)						
11		1.7	450	21.7	1.7	
12		28.6	1200	57.8	28.4	
13		1.0	856	25.8	0.7	
14		2.1	675	14.3	1.0	
15		1.2	540	18.8	0.9	
16		1.7	600	17.0	0.1	
SRC.21	0 - 5'	1.0	432	9.2	0.4	2.6
	5' - 10'	4.5	576	34.4	5.7	
	10' - 15'	1.5	576	34.0	1.8	
SRC.22	0 - 5'	1.8	432	37.5	3.2	6.2
	5' - 10'	8.0	576	31.0	8.9	
	10' - 13'	3.7	432	36.8	6.5	
SRC.23	0 - 10'	2.5	720	19.9	1.4	9.3
	10' - 15'	17.0	576	27.6	17.1	