

936 No 3 (3)

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ENTERPRISE EXPLORATION COMPANY PROPRIETARY LIMITED

Report On

PROSPECT IN ZINC CORPORATION HOLDINGS,

MT. BISCHOFF.

Rep on Prospect in Zinc Corp. Holdings,
Pte Bischoff
by
C.L. Knight 10/2/49.

C.L. KNIGHT
10th. February, 1949.

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ENTERPRISE EXPLORATION COMPANY PROPRIETARY LIMITED

Brisbane
10th. February, 1949.

Memorandum to : M.A. MAWBY, ESQ.
from : C.L. KNIGHT

PROSPECT IN ZINC CORPORATION HOLDINGS, MOUNT BISCHOFFSummary and Conclusions

A gossanous lode averaging 8 feet thickness outcrops for 320 feet on the steep eastern slope of a gorge. Assays disclose very low lead and silver values and 0.6% tin. Zinc content of primary ore would not exceed 15%. Consideration of grade and thickness condemn the prospect.

Location

The outcrop forms a prominent ridge in the Waratah Gorge, only 600 yards from the Mount Bischoff mill site.

Geology

Outcrop length is 320 feet and average width of the order of 8 feet. The vein underlays 50° S.W. South-eastly, or up the gorge face, the prominent outcrop fades out and the vein appears to deteriorate into stringers before passing under cover of the hundred foot thick Tertiary basalt.

Below the adit portal, in spite of the steep terrain, there is only one small outcrop above the Waratah River, a state of affairs which can be interpreted with confidence as indicating a lensing out of the shoot northwest.

It is not at all impossible that the shear may continue two thousand feet or so north-west to connect with narrow lenses in this direction, but the extension has only academic significance.

It was thought that the lensing out south-eastward was not adequately demonstrated by outcrop; there remained the possibility of extension under basalt cover. However, sampling has shown very low lead and silver values, and leached cavity in the outcrop indicates zinc content not higher than 15%. Tin amounts to approximately 0.6%.

In the light of these assays no economic importance can be attached to the problematical continuation of the vein under basaltic cover.

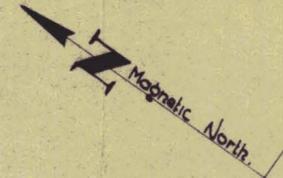
C.L. KNIGHT

ENTERPRISE EXPLORATION LTD.

— A PROSPECT —
ON
MOUNT BISCHOFF LEASE.

Scale
1" = 40' JAN 1949 X104-

SAMPLE N ^o	9127E	9128E	9129E	9130E	9131E	9132E	9133E	9134E
WIDTH (True)	5'-0"	3'-6"	3'-6"	3'-0"	4'-6"	4'-6"	4'-0"	4'-0"
GOLD Oz/TON	TRACE							
SILVER Oz/TON	2.9	1.5	3.3	1.0	1.8	3.0	0.2	3.9
LEAD %	0.1	0.4	0.7	1.0	2.8	5.1	0.1	2.7
ZINC %	TRACE	TRACE	TRACE	TRACE	0.3	TRACE	NIL	NIL
COPPER %	TRACE							
TIN %	1.81	1.72	0.30	1.11	0.47	0.55	TRACE	0.48

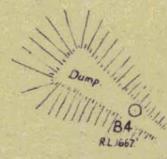


Adit water filled and not accessible. Does not appear to be driven on a lode.

WARATAH RIVER



RL 1627
Isolated narrow gossan outcrop



Outcrop over Adit portal Dip 75° W.

Samples 9129E & 9128E
Sample 9127E (underground) Dip 65° W.

Sample 9130E
Sample 9131E
Samples across face of Outcrop

Adit on quartz-pyrite lode with fluorite and some sphalerite.

Base of Outcrop H.W. R.L. 1749'

Adit collapsed. Not accessible beyond here.

B2
R.L. 1718'

Sample 9133E

Winze B deep

B10

Sample 9134E

Top of Outcrop R.L. 1800' Datum - H.W. R.L. 1787'

Base of Outcrop

Note. R.L. of B1 assumed 1800'

RL 1812
Narrow Veins

H.W. exposed R.L. 1808

Basalt Boulders

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