

Electrolytic Zinc Company of Australasia Limited

West Coast Department

First Report

on

Doyle's Leven River Zinc Prospect

May, 1955

02_4700

AMG REFERENCE POINTS ADDED

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LTD.
West Coast Department

MEMORANDUM TO:-

SUPERINTENDENT

DOYLE'S LEVEN RIVER ZINC PROSPECT

Attached please find report on Doyle's Leven River Zinc Prospect.

The mineralisation is weak and no potential ore deposit exists.

Copies of the report have been made for:-
Managing Director,
Geological Department,
Mr. P. Doyle.


(Sgd.) V.M. Cottle
CHIEF GEOLOGIST

ROSEBERY, 24th May, 1955.

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ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
West Coast Department

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DOYLE'S LEVEN RIVER ZINC PROSPECT

ULVERSTONE

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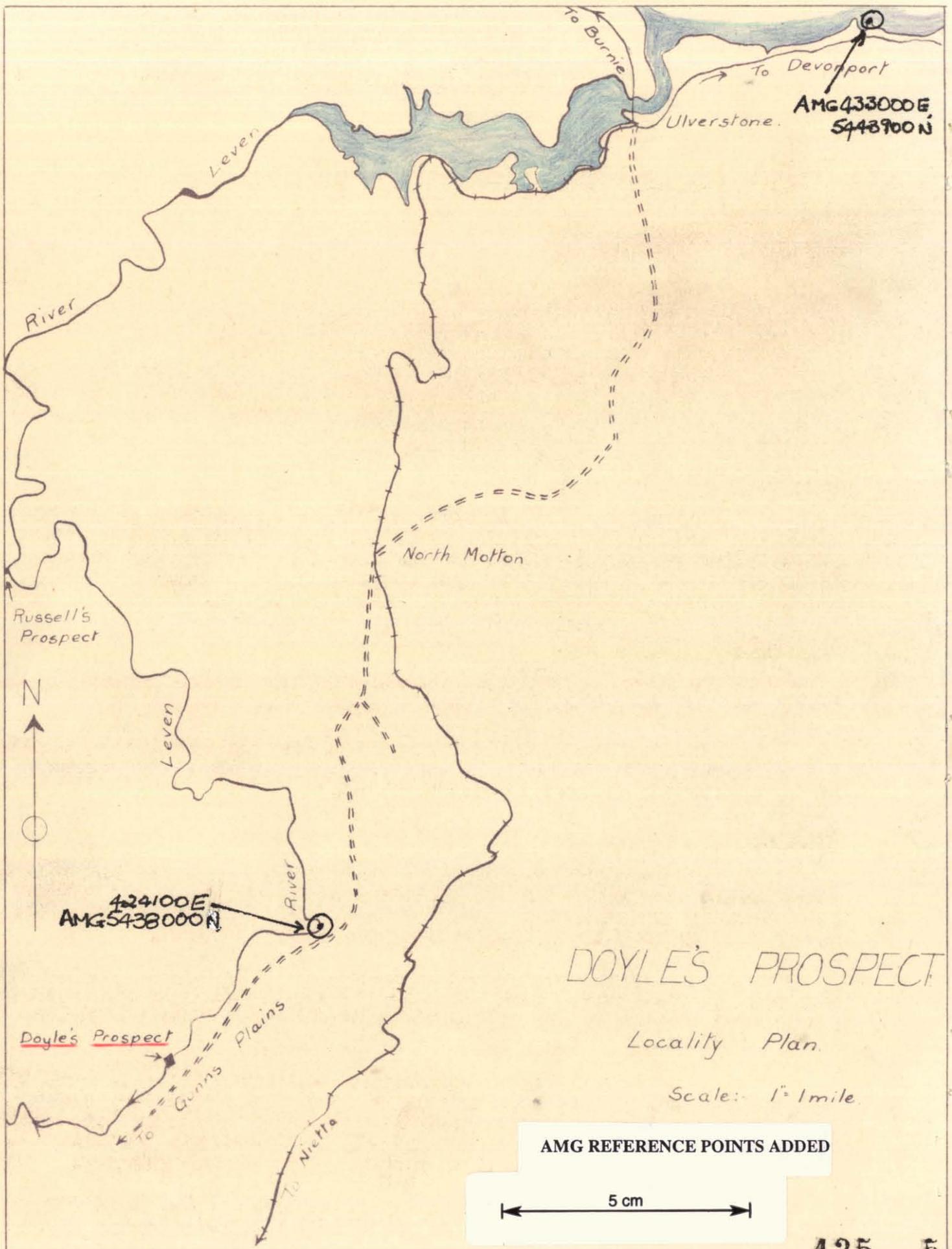
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DOYLE'S LEVEN RIVER ZINC PROSPECT

S U M M A R Y

The prospect consists of a small outcrop of quartz and silicified shale showing disseminated pyrite. Occasional pockets of semi-massive pyrite occur and the assays of drill core suggest that sphalerite is sometimes associated with the pyrite. No sphalerite was seen when the outcrop was inspected. Sulphides occupy not more than 2 - 3% of the rock. The prospect has no ore potential.

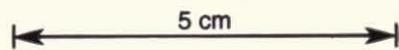


DOYLE'S PROSPECT

Localities Plan.

Scale: 1"=1mile.

AMG REFERENCE POINTS ADDED



DOYLE'S LEVEN RIVER ZINC PROSPECT

INTRODUCTION

The Company's interest was requested by Mr. P. Doyle of Turner's Beach near Ulverstone. This address is C/- Wilkins, Gray and Dowling, 12 Fenton Street, Devonport.

Mr. Doyle supplied plans and information from Mines Department letters and conducted the writer on the field examination. The prospect was visited on 5th February, 1955 and approximately half a day was spent in the field.

LOCATION (See attached plan)

The prospect is located about 12½ miles from Ulverstone along the main road to Gunn's Plains in blackberry covered river flat. The outcrop is about 30 ft. from the bank of the Leven River at low water and would not be more than 30 yards from the road. Timber is abundant and is mainly eucalypt.

HISTORY AND TITLE

No work had been done prior to that of the present syndicate who put down four (4) short drillholes.

Mr. P. Doyle, who is spokesman for the syndicate, consisting of himself, K. Pickett, E. Fletcher and A. Kimberly, holds title to the ground under Miner's Right.

GEOLOGY

The prospect consists of an outcrop of quartz and silicified shale approximately 200 square ft. in area in which it was not possible to determine a dip or strike of the formation. The outcrop is surrounded entirely by river flat alluvium.

Shales and coarse grits form poor outcrops in places along the bank of the nearby Leven River, but these offer no evidence of geological structure nor of the continuity of the quartz pyrite mineralisation.

The mineralisation is predominantly quartz which has silicified the shale, and both the quartz and the silicified shale contain small irregularly distributed areas of disseminated pyrites with sporadic pockets of medium grained semi-massive pyrite. Sulphides would not occupy more than 2 or 3% of the outcrop.

No zinc mineralisation was seen despite the presence of this element shown in the assays of two of the drillholes.

However, it should be noted that the lengths of core assayed are small and these results could be consistent with the possibility of zinc being associated with the pyrite in some of the above mentioned sporadically occurring pockets.

There is no gossan and the sulphides are unoxidised except where exposed on the surface.

The mineralisation is similar in type to that seen in Russell's show at Dial Range and it is believed that it is part of a broad zone of siliceous mineralisation which extends from the beach just east of Penguin south-south-easterly towards Nielta.

TESTING

Four diamond drillholes were put in across the outcrop by the syndicate, the holes were vertical and approximately 12 ft. apart.

The positions of the holes were not pegged and owing to more than one set of markings being on the core boxes which were sent to the Tasmanian Mines Department there appears to be a certain amount of confusion in the records of the holes.

The following table summarises the results arrived at after discussion with Mr. P. Doyle:-

Hole No.	Depth	Section Assayed	Pb.	Zn.	Ag.	Au.	Sn.	
1	25'	23'3" - 23'9"	Nil	11.9%	Tr.	Nil	Nil	Silicified slate with disseminated pyrite and sphalerite.
2	?	-	-	-	-	-	-	Got 9' of core silicified slate with disseminated pyrite.
3	2'	-	-	-	-	-	-	Grey and white quartzite with disseminated pyrite
4	25'	13'6" - 14'9"	Nil	14.0%	Tr.	Nil	Nil	Slate with disseminated pyrite and sphalerite.

CONCLUSION

The prospect is too small and too low grade to be of interest to the Company. Further investigation is not justified.



(Sgd.) V.M. Cottle
CHIEF GEOLOGIST

VMC/McL
ROSEBERY, 24th May, 1955.