EURALBA MINING N.L.
19 KIRKLAND CRESCENT, KAHLIN, DARWIN, N.T., 5790, AUSTRALIA
TEL. 6620

WJF:YNC

19th July, 1973.

Director of Mines,
Mines Branch,
Department of the Northern Territory,
P.O. Box 231,
DARWIN. N.T. 5794.

Dear Sir,

FINAL REPORT ON E.L. 235 DORISVALE AREA
PERIOD FROM 7/5/72 TO 6/5/73

LOCATION & ACCESS

Exploration Licence 235 of 186 sq. miles is located approx. 14 miles west of the Daly River in the Daly River Gold and Mineral Field and about 2 miles north of the Dorisvale Homestead. Usual access is via a graded road to the Ooloo Crossing of the Daly River and thence by a bush road that extends to the old Collia Tin workings to the north west of the area. This track passes through the northern tip of the area. It is only passable during the dry season from about the end of May until November and sometimes less. There are no roads within the area.

GEOLOGY

Nearly half of the area is soil covered flats along the numerous tributaries of Bradshaw, Jinduckin and Bamboo Creeks flowing northerly and westerly to the Daly River. Lower Cretaceous Mullaman Beds form bold mesa's capping the underlying Middle Cambrian Manbulloo Limestone Member and the Jinkuckin Member.

These formations are flat lying and form low ridges below the Mullaman Beds. Along the westerly boundary Lower Cambrian Antrum Plateau Volcanics and underlying Upper Proterozoic Waterbag Creek Formation form substantial outcrops.

EXPLORATION

Lead and Zinc

The wet season and the impassable Daly River prevented ground

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exploration until well into the first quarter. A new track was marked out to the westerly area of interest, thus reducing travelling time and wear and tear on vehicles. High grass and numerous limestone outcrops make travelling difficult.

Sampling was extended to the east and a new line of anomalous outcrop was located. Anomalous lead and zinc values appear to be confined to flat lying beds and there is no indication of lode structure.

All samples assayed are set out in Table No. 1.

Because of the spread of anomalous values and the absence of lode structure, the scout drilling was deferred as a very substantial drilling program was considered necessary to obtain a clear indication of the source of the anomalies.

Several companies discussed the prospects of a joint venture in further exploration of the area but none showed further interest except Mitsui Mining and Smelting Co. Ltd. who sent a geologist to visit the area and take samples. This company declined to proceed and has not supplied information on the samples taken.

Iron Ore

In view of the lack of interest in potential iron ore deposits that are not indicated as high grade, further exploration was suspended.

GENERAL

The anticipated high cost of drilling the anomalies without having precise targets and the lack of interest shown by overseas and Australian companies has resulted in a slow down of exploration and the anticipated program was not fulfilled.

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Samples taken and assayed are plotted on the accompanying geological Plan No. 6/2 E.L. 235.

The total exploration expenditure amounted to $2,011.00 for the period. This expenditure was directed against:-

Consideration of previous sampling	100.00
Sampling along anomalous areas	1013.00
General Prospecting	800.00
Assays	98.00
	$2011.00

Yours faithfully,

EURALBA MINING N.L.

W. J. Fisher

Resident Director

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FINAL REPORT E.L. 235

TABLE 1

ASSAYS BY GEOCHEMICAL AND MINERALOGICAL LABORATORIES (W.A.) PTY. LTD.

Samples assayed by AAS/HC104 for Pb
AAS/Aqua Regis for Ag

Buffer Method for Pb*

Pb >1.0% assayed for total Pb & Ag

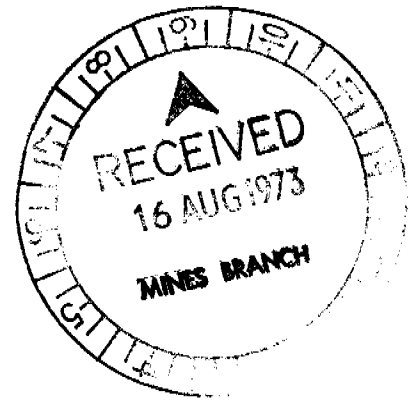
Sample No.	Pb ppm	Pb%	Znppm	Ag.ppm	Ag.dwts
JAF 115	>1%	1.2	230		
JAF 116	200*		250		
JAF 117	82		14		
JAF 118	170		12		
JAF 119	7200		not assayed	3.0	1.95
JAF 120	510		" "		
JAF 121	>1%	3.8	" "	1.0	0.65
JAF 122	>1%	4.1	" "	5.0	3.25
JAF 123	>1%	2.0	" "	75	48.75
JAF 124	480		" "		
JAF 125	130		" "		
JAF 126	130		" "		
JAF 127	74		" "		
WJF 1A	150		3100		
WJF 2A	510		360		
WJF 3A	>1.0%	5.9%	370	3.4	2.24
WJF 4A	1200		1800		

All samples are chip samples from outcrops.

Assay for Ag when Pb exceeds 1% except Sample 119.

W. J. Fisher

W J Fisher



Reference

QUATERNARY	Qa	Alluvial and hillwash deposits; some residual sand.
LOWER CRETACOUS MULLAMAN BEDS	Klm	Siltstone and porcellonite with basal sandstone (friable)
MIDDLE CAMBRIAN JINDUKIN FORMATION	€mj	Siltstone and sandstone, some limestone
TINDALL LIMESTONE	€mt	Fossiliferous limestone with chert nodules
UPPER PROTEROZOIC	Pug f	Iron deposits, principally limonite occuring beneath Cretaceous cover.
WATERBAG CREEK FORMATION ALTERED BY LATERIZATION PROCESS.		Exposed Iron ore deposits.
WATERBAG CREEK FORMATION	Pug s	Silica deposits (chert, billy) occuring beneath cretaceous cover, includes small iron deposits.
		Resistant beds within Waterbag Creek formation proven to be lead bearing in Southern outcrops
	Pug	Undifferentiated; mainly ferruginous siltstone, siltstone and marl. (includes some iron and silica deposits.)

Geological boundary, accurate

Geological boundary, inferred

116 Chip sample locality

C Watersink

Creek

Scale 1" = 20 Chains
4" = 1 Mile.

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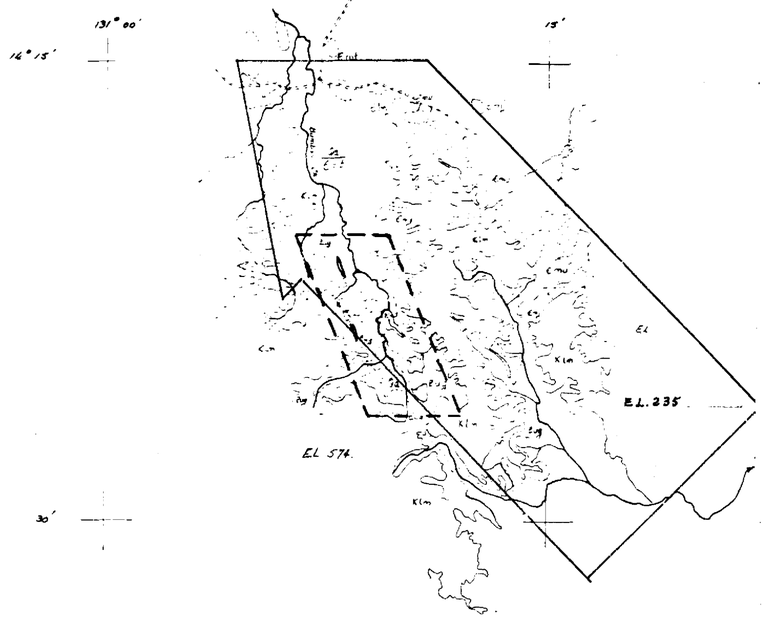

FERGUSSON RIVER 1" = 4mL SHEET

EURALBA MINING N.L.

DORISVALE E.L. 235.

Geology : H Shannon '71. Drawn by :

Date 27 9 '72. Plan Nº.: 6/2