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992

PROJECT NAME: COMSTAFF PROPRIETARY LIMITED

TITLE: QUARTERLY REPORT TO THE DEPARTMENT OF MINES,
TASMANIA, FOR THE PERIOD
1ST JANUARY TO 31ST MARCH 1982

EXPLORATION LICENCE 1/68

AREA NAME/S, STATE 1:250,000 SHEET NO/S & COORDINATES: Burnie K55-3 Sheet

COMMODITY/IES: Sn, Cu, Pb, Zn, Ag, W

TEXT PAGES NO: 2

PLAN NOS: TAS 2/1897

TABLE NOS: -

APPENDICES: -

AUTHOR/S: C M Jones

DATE: 7th April 1982

OPEN FILE

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AUSTRALIAN ANGLO AMERICAN LIMITED

Incorporated in the State of Victoria

COMSTAFF PROPRIETARY LIMITEDQUARTERLY REPORT TO THE DEPARTMENT OF MINES, TASMANIAFOR THE PERIOD 1ST JANUARY TO 31ST MARCH 1982EXPLORATION LICENCE 1/681. WORK COMPLETED (Plan TAS 2/1897)1.1 General

A grid, consisting of four lines, each 120m apart and 1km long was established over Dighem anomaly 19C, situated in Nineteen Mile Creek.

An access road, running northeast off Pigott's Pass has been bulldozed to a length of 4km. This track is being constructed in order to gain access to the three Northern Dighem anomalies, 54A, 63A and 59B. This road has progressed more slowly than anticipated due to the lack of availability of the bulldozer, coupled with the thick vegetation and steep topography. This road is known as Fourex Road.

1.2 Geology

Much geological mapping has taken place during this quarter. Pigott's Pass has been mapped from Basalt Hill to its termination at Grid 19C, a length of 5.6km. Corny Road and Rio Road have been mapped over their entire lengths. Fourex Road has been mapped for a distance of 3.2km, which is about 600m short of its present terminal point. Leo's Creek has also been geologically mapped, as has Nineteen Mile Creek, from Leo's Creek to the western boundary of the E.L., a length of 6km.

1.3 Geophysics

A magnetometer survey and a Crone electromagnetic survey have been carried out over all four lines of Grid 19C.

1.4 Geochemistry

Heavy concentrate samples have been taken at 200m intervals in Nineteen Mile Creek and Leo's Creek, and at 100m intervals in Jones' Creek.

2.

2. RESULTS ACHIEVED2.1 Geology

Pigott's Pass reveals ultramafic lithologies along the portion mapped. These are of the Heazlewood Igneous Complex and are made up of peridotites (sometimes olivinites) and amphibolites, with some pyroxenites. All of the rocks are highly weathered and sometimes wholly serpentinitised with chrysotile veins and much magnetite and/or chromite. They are highly sheared in places. From Leo's Creek, to Grid 19C, there is a thin veneer of Tertiary basalt lag overlying the weathering ultramafics.

Corny Road has outcrops of highly weathered and altered gabbro, sometimes very coarse grained and doleritic. Quartz diorites exist in some places.

Along Rio Road, there is a sequence of serpentinites and peridotites, ending in pale cherts and fine-grained quartzites with minor argillaceous siltstones.

Fourex Road has a similar sequence, with amphibolites and peridotites (olivinites) alternating northwards. The peridotites have a remnant lateritic surface developed on them. Basalts of a probable Cambrian age are then encountered, with some minor, very weathered gabbro. Where Rio Road joins Fourex Road, the sediments described above are outcropping in places.

2.2 Geophysics

Profiles of the magnetometer survey are available. No clearly defined conducting body is evident. Assessed results of the Crone electromagnetic survey are not yet available.

2.3 Geochemistry

All geochemical results except for those from Jones' Creek have been received. These have been studied and no anomalies are evident as yet.

3. FORECAST

Fourex Road will be extended, and it is hoped to reach the Northern Dighem anomalies before the bad winter weather sets in. Grids are scheduled to be cut next summer, as well as an extensive geochemical and geological exploration programme being carried out.

J. C. M. Jones
C M Jones, Geologist

Approved by

R. J. Kernick
R J Kernick
Exploration Manager

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I, OSVALDO TIBURCIO FILOMENO FONSECA of 56 Partridge Crescent, Frankston in the State of Victoria, Accountant DO SOLEMNLY AND SINCERELY DECLARE as follows:

- 1. That the details of work for the three months ending 31 March 1982 on Exploration Licence 1/68 are described in the accompanying report.
- 2. That in the three months ending 31 March 1982 Comstaff has expended \$74 372 on work on Exploration Licence 1/68 and that this is further broken down into:

	\$
(a) Field staff and associated costs	32 256
(b) Operating costs	24 189
(c) Tenement costs	-
(d) Specialist services	90
(e) Project management	10 735
(f) Drilling	-
(g) Contractors	3 102
(h) Capital expenditure	4 000
	\$74 372

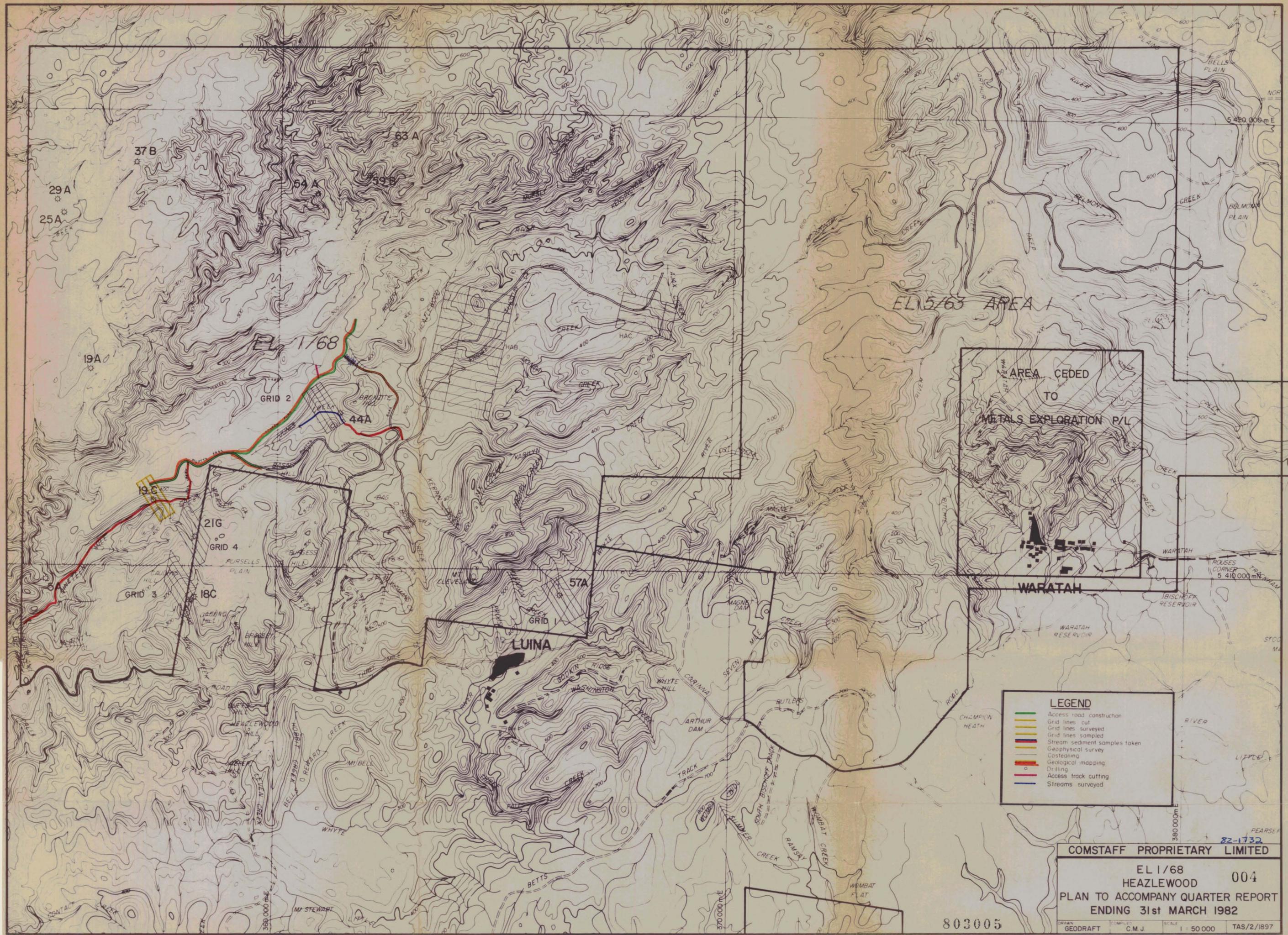
AND I MAKE this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of an Act of the Parliament of Victoria rendering persons making a false declaration punishable for wilful and corrupt perjury.

DECLARED AT *Melbourne*)
 in the State of Victoria)
 this *26th* day of *April*) *O. Fonseca*
 April 1982)

Before me:

[Signature]

5 cm



EL 1/68 AREA 1

AREA CEDED TO METALS EXPLORATION P/L

WARATAH

LUINA

LEGEND

- Access road construction
- Grid lines cut
- Grid lines surveyed
- Grid lines sampled
- Stream sediment samples taken
- Geophysical survey
- Costeering
- Geological mapping
- Drilling
- Access track cutting
- Streams surveyed

COMSTAFF PROPRIETARY LIMITED

EL 1/68 HEAZLEWOOD 004
PLAN TO ACCOMPANY QUARTER REPORT
ENDING 31st MARCH 1982

803005