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MICROFILMED

PROGRESS REPORT NO. 9

of

MT. LINDSAY TIN PROSPECT

Zeehan, Tasmania

by

J. L. Morton

December 4, 1963.

AMG REFERENCE POINTS ADDED

Accompanying Report:-

Regional Geological Plan
Photos Nos. 1, 2, 3, 4, 5, 6 & 7.

Scale 1" - 500' End of fold

An index to transparencies that may be referred to in this report will be found in -

- TCR 85-2425
- TCR 85-2427
- TCA 85-2428

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INTRODUCTION

The field programme to carry out revised schedules 1 to 6, dated 26.7.63. and modifications as per Progress Report No. 8, dated 10.10.63., has been successfully concluded with the exception of Schedule 3 - Field Preparation of Access. The writer was in the field from November 12 to 29, supervising conclusion of the above Schedules and the start of 1963-64 Schedule of Diamond Drilling.

Details of the overall programme are as follows:-

SCHEDULE 1 - Drafting. This work involves preparation of initial plans and sections to guide diamond drilling and further reconnaissance. All of this is now complete, future work on these plans will be to add data as it is gained in the field.

SCHEDULE 2 - Access Inspection, Report, Lease Pegging. Previously reported complete.

SCHEDULE 3 - Field Preparation of Access. This schedule was again modified. Work was suspended on Route 1 and concentrated on Route 2. However, work dropped so far behind schedule that at the beginning of 1963-64 programme it was necessary to suspend further work on Route 2 and commence the speedier task of preparing Route 1.

The following work has yet to be done:

- (a) Additional decking on bridges 1 and 2.
- (b) Track from Mines Dept. Huts to Flying Fox made suitable for landrover.
- (c) Cut out walking track on north side of flying fox and establish stable at a suitable point on permanent water (already selected) within 300 yards of the north end of the flying fox.
- (d) Prepare suitable crossing over the Stanley River.
- (e) Complete clearing out track to Mt. Lindsay.
- (f) Establish post and rail stable at Mt. Lindsay on site selected.

During the 16th November, the writer conducted the Zeehan Council's consulting engineer over the road covered by sections (a) and (b), above. On his advice the Council applied for £1,000 to do this work. On the

evening of 27th November, the writer discussed the matter with the Minister for Mines, who explained that the road and installations were the responsibility of the Mines Dept., that he had received the application and had recommended it be granted.

Work on this schedule is now progressing at high priority, to facilitate provisioning Mt. Lindsay and taking out samples. At last report the major part of item (e) had been completed. Horses are being transferred to Zeehan and will be taken across the Pieman River at a safe time.

SCHEDULE 4 - Field Surveying and Geological Work.

- (a) Diamond drill holes numbered 1 to 28 have been marked up in the field by surveying in the collar and F.S. pegs by transit. As holes are drilled these positions will be checked. (Photo No. 1).
- (b) Tulloch creek surveyed to about 800 feet south Str. 23 to ^{site} eight water supply.
- (c) All trenches between Tulloch Creek and 1600E Adit have been mapped and sampling of these has commenced.

1600E Adit and 2300E Adit were re-mapped following accurate surveys of these openings.

All geological work necessary to supplement current drilling is now complete.

SCHEDULE 5 - Field Preparation of Accommodation and Drill Sites.

- (a) Western drill access tracks completed on schedule.
- (b) All D.D. Collar locations marked on schedule.
- (c) & (d) It has been found that hole locations will be modified as the programme progresses. Preparation of a site, including short side track, levelling and marking can be done in one day. It has therefore been decided not to prepare sites in advance as this could lead to quite a lot of wasted effort.
- (e) Main accommodation is complete. Please refer photo No. 2. This comprises 1,350 square feet of living space under iron, and houses 6 tents and a 12' x 19' mess/kitchen

with 6' x 12' food storage annex. All framing is of bush timber. Although the accommodation is rough, it features ample dry space, adequate storage, light and flyproof kitchen/mess and will comfortably accommodate 12 men. In addition the old paling hut serves as accommodation for the supervising geologist as well as office/radio room. Core racks, core logging and splitting facilities have been erected from bush timber covered with iron to provide storage for 5,000 feet of AX core.

This has been erected in position adjacent to the office where it can be extended indefinitely. Please refer photo No. 3. A small structure was erected from bush timber and canvas to accommodate batteries and charging equipment for providing power for the Transceiver. Please refer photo No. 3. Facilities for providing hot showers are being prepared.

SCHEDULE 6 - Scheduling 1964 Field Programme. The complete 1964 field programme will be planned under two separate headings:-

- (a) Diamond Drilling Schedule - complete. Please refer 1963-64 schedule of diamond drilling, dated 25 October, 1963.
- (b) Reconnaissance Geological Schedule. In progress, this work includes Stanley Reward coverage.

ADDITIONAL WORK. Helicopter airlifting of drilling equipment, fuel, oil, supplies, building material, food, etc., was to have commenced on 12 October, but was postponed to 21 October, because of failure of the helicopter. The airlift commencing 21 October was not a complete success, 6 loads of equipment had to be dumped some 6 miles from Mt. Lindsay because of weather conditions. On uplifting this later, it was necessary to make 7 loads. What with weather holdups, additional ferry time, additional time for transporting men and additional time for on- and off-loading the 7 loads between Zeehan and Mt. Lindsay, helicopter time amounts to some 38 hours against the 25 hours budgeted for. About 90% of drilling equipment, fuel supplies and 9 men with personal effects were moved onto the Mt. Lindsay and Parson's Head heliports on Sunday, 17 November, in 9 hours 50 minutes flying time including ferry time. (Photo No. 4). We have found that on the west coast helicopters have made things easy, but not necessarily simple nor economical.

300 lbs. of supplies and equipment was prepared and airdropped onto the airdrop area on 29 November, with a reported 100% recovery.

DIAMOND DRILLING. Diamond drilling commenced on 20 November, five weeks ahead of original schedule, two weeks behind revised schedule.

STANLEY REWARD AND RECONNAISSANCE WORK. Accommodation, for two men, which can be enlarged to four, has been established at Stanley Reward. The writer spent two days in the area supervising this work and carrying out reconnaissance mapping and inspection of the area. A reconnaissance magnetic survey was also conducted along the track between Stanley Reward and Mt. Lindsay. Schedule 6(b) will set out the work to be carried out in this area during the coming season. This will be surveying, mapping and sampling of the old Stanley Reward openings, and reconnaissance mapping and magnetic survey of the area along granite-sediments contact between Stanley Reward and Mt. Lindsay, and west of Stanley Reward. Please refer 500 scale Geological Plan.

CONCLUSION. Field work was under the direction of I. R. Worth, Mining Engineer of R. Hare & Associates, up to November 5. He was relieved by Allan McGain, Geologist, of R. Hare & Associates, who will be supervising geologist until approximately January 15, 1964. At this time field geological work is to be taken over by a geologist to be appointed to the staff of the Aberfoyle Tin Development Partnership.

At the time of leaving the property, the following points were in order:

- (a) Accommodation, garbage disposal and sanitary arrangements satisfactory.
- (b) Core logging, splitting, storage, sampling, marking and consignment satisfactory.
- (c) Provision for ensuring correct D.D.H. positions and siting
- (d) Water supplies satisfactory.
- (e) Radio communication satisfactory.
- (f) Battery charging facilities functioning correctly.
- (g) Emergency medical supplies are to hand.
- (h) On the evening of the first day the whole crew were assembled. Lines of authority and responsibility were outlined, the

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position regarding access in case of serious accident was made clear and the men asked to bear this in mind when contemplating a calculated risk, or while carrying out hazardous work, they were also asked to be cautious with fire, and certain camp rules were accepted by them.



J.L. Morton

JLM/IL
Melbourne
4/12/63.

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PHOTO N°1

Geologist M°Gain checking position and drill alignment on D.D.Hole N°5



PHOTO N°2

Main accommodation and kitchen/mess building. Shower structure in L.H. corner is incomplete.

PHOTO N°3



Core racks, logging and splitting facilities L.H. Old paling hut (office-radio room) partially obscured by trees in centre. Charger building R.H.

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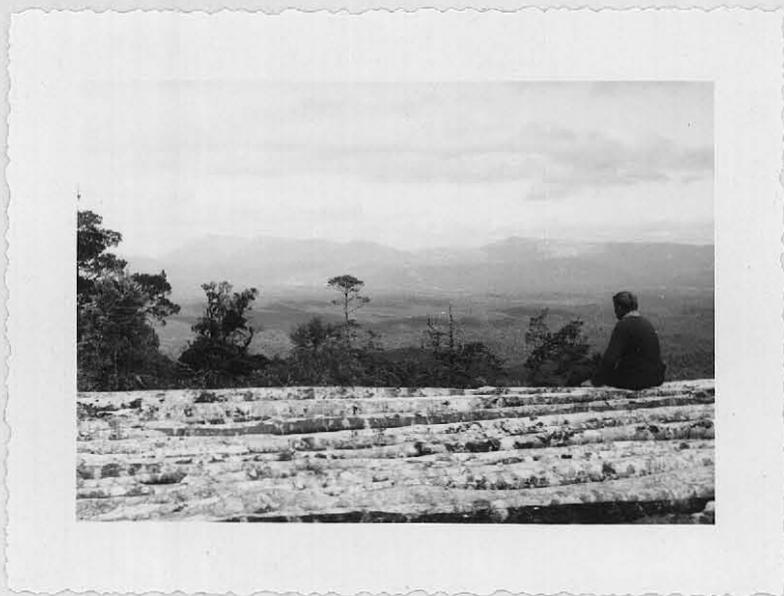
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PHOTO N°4

Helicopter landing equipment at Parsons Hood Heliport

PHOTO N°5



Mt Lindsay Heliport showing open view to Roseberry and Renison Bell. Mt. Black L.H., Mt. Murchison centre and Williamsford near R.H. corner.

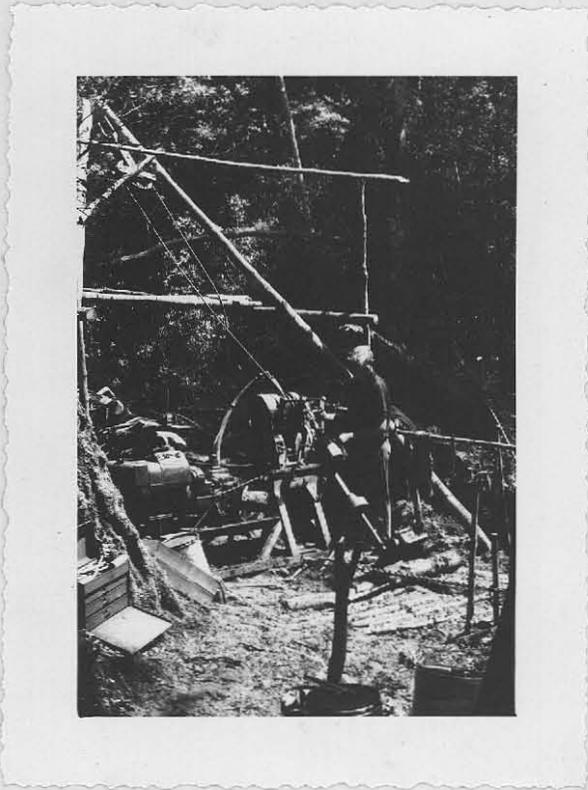
← PHOTO N°6

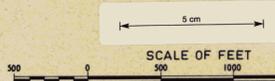
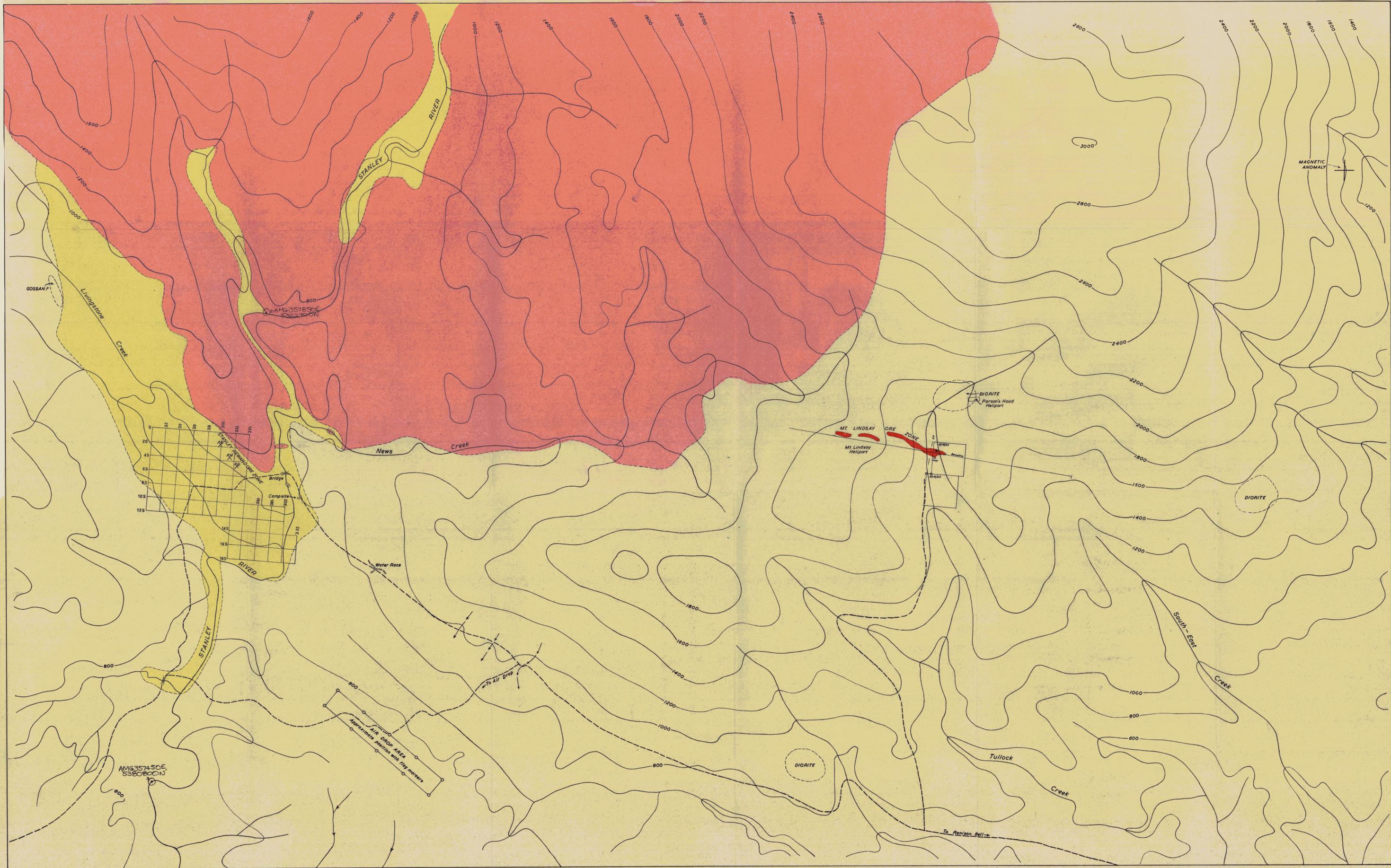
Looking along end of D.D. Access track cleared through rain forest to site of D.D.H N°5



PHOTO N°7 →

Associated Diamond Drillers F-20 Rig drilling D.D.H. N°5





LEGEND

VOLCANICS	SEDIMENTS	
Granite	Mudstone	
Shales	Slates	

ABERFOYLE TIN DEVELOPMENT PARTNERSHIP
MT LINDSAY TIN PROSPECT
 REGIONAL GEOLOGICAL PLAN

LEGEND

Geological contact position accurate	Strike and dip
Geological contact position approximate	Fault
Geological contact position inferred	Track
Contour interval 200 feet	

AMG REFERENCE POINTS ADDED