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HENTY RIVER

E.L. 10/85

ANNUAL REPORT

DECEMBER, 1986

OPEN FILE

FOR:-

OCEANIA TASMANIA PTY. LTD

BY:-

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ABSTRACT

The report covers a one year period of exploration from December, 1985 to December, 1986. Track cutting and geological mapping were undertaken finding no sign of favourable lithologies or mineralization within the 52 SKM covered by the licence.

INTRODUCTIONGENERAL

Oceania Tasmania Pty.Ltd. applied for a licence to explore 52 S.K.M. in the vicinity of the Henty River in April, 1985, and was granted the lease in December, 1986. The main aim for taking up the area was to determine the lateral extent of the Queensberry Mine geology, which is also owned by Oceania Tasmania Pty.Ltd. This geology consists of Cambrian Chloritic Pyroclastics of two main types, a graded tuff with thin slate intercolations and a coarse crystal tuff.

To facilitate the exploration programme, a Nissan Patrol 4 W.D. was used to enter on the Queensberry road which has been maintained at a cost of \$15,000 to Oceania Tasmania Pty.Ltd. Because of accommodation shortage in Zeehan, a house was purchased at 91c Main Street, Zeehan, at a cost of \$22,000. This acted as an operation base throughout the year of exploration.

Bad weather conditions and thick, practically impenetrable regrowth, considerably retarded the thoroughness of the Mapping programme. In some instances weeks were wasted simply cutting access tracks to the border of the exploration licence. Where possible, therefore, creek and river access was used.

The results of the years exploration were disappointing as no goss^aen or cambrian volcanics were found on the lease area. However, further track cutting will be undertaken in the second year of exploration in the eastern part of the lease which over the past year has proved the most inaccessible due to the regrowth in Malcolm Creek. This track cutting will be done in conjunction with the five times one kilometre self potential lines, planned to go in this Summer period.

PREVIOUS WORK

In 1968, New Consolidated Goldfields produced a reconnaissance geological map under S.P.L. 25. This work I believe, is the first mapping done in the area. In 1977, the Department of Mines published the Strahan 1:50,000 Map Sheet which includes some of the area covered by this report. No other information was found regarding the geology of the area and the information gained from the above references was consolidated in this report. The topographic base map for the report is the Tasmania 1:25,000 series, Professor Map Sheet, Edition 1, 1986.

WORK CARRIED OUT WITHIN THE AREA

The major work ended up being track cutting as this was a lot harder and longer than imagined, even for the West Coast. A combination of tea tree and cutting grass found in the South and East of the area proved to be extremely uncomfortable and practically impossible to physically cut through. Map 1 shows the location of these tracks. They are as follows:-

1. A track due south of the Queensberry Mine starting from the road on the southern side of Lode Creek.
2. A track due east from the end of the Zeplin road which is a forestry road which ends approximately one kilometre south of the Henty River and one kilometre west of Lost Creek.
3. A track which begins just as the Queensberry road turns to the south west off the Professor Plateau. This runs along the ridge between Melody and Malcolm Creeks to the Henty River.
4. A track heading north east off the Queensberry road between the Professor Range and head waters of Malcolm Creek.

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From this access and that of following the river and creeks, Maps 2 and 3 were compiled at a scale of 1:25,000. These Maps cover the discernable structure and general geology of the area.

During the exploration period minor road works were also undertaken on the Queensberry access road.

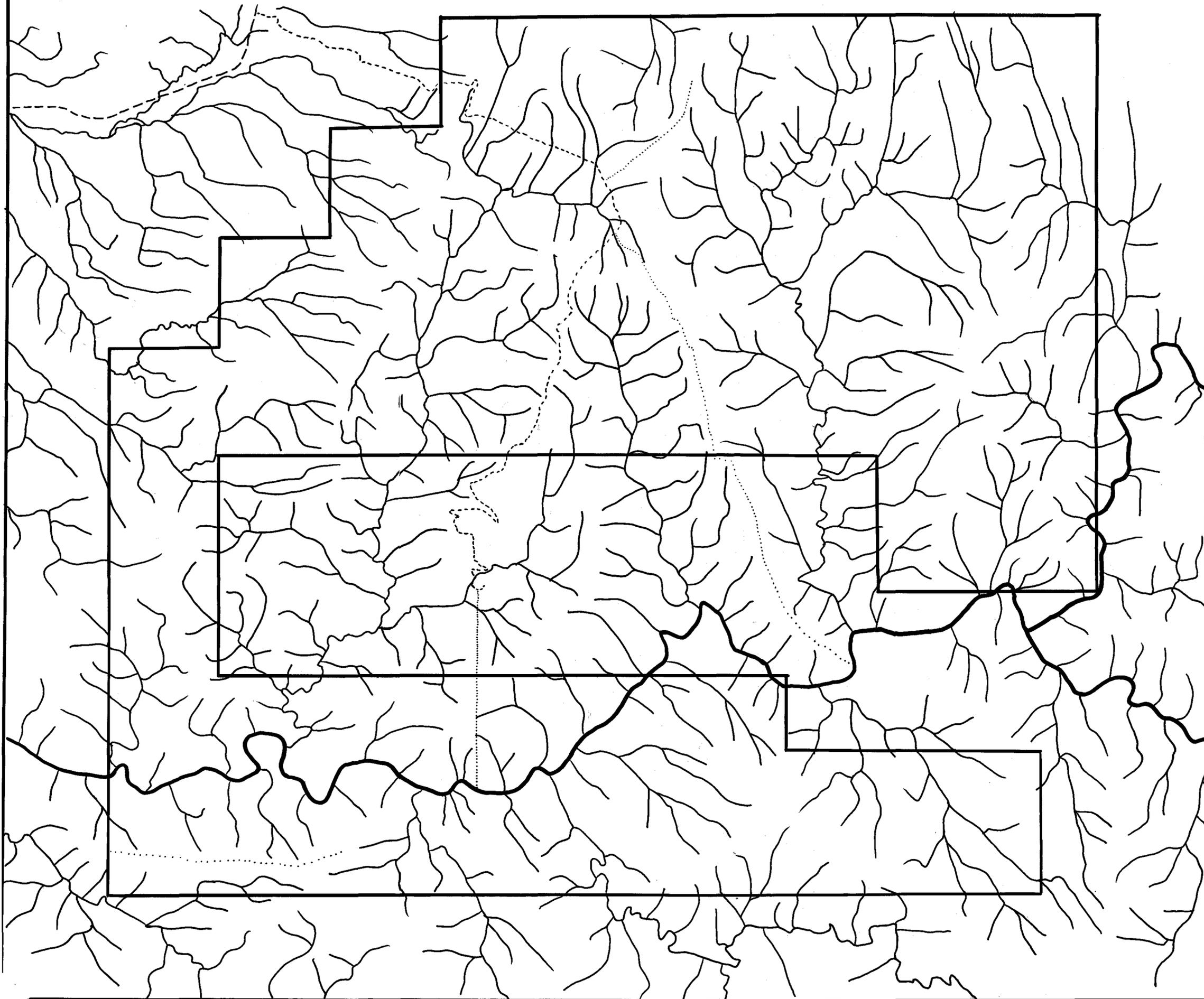
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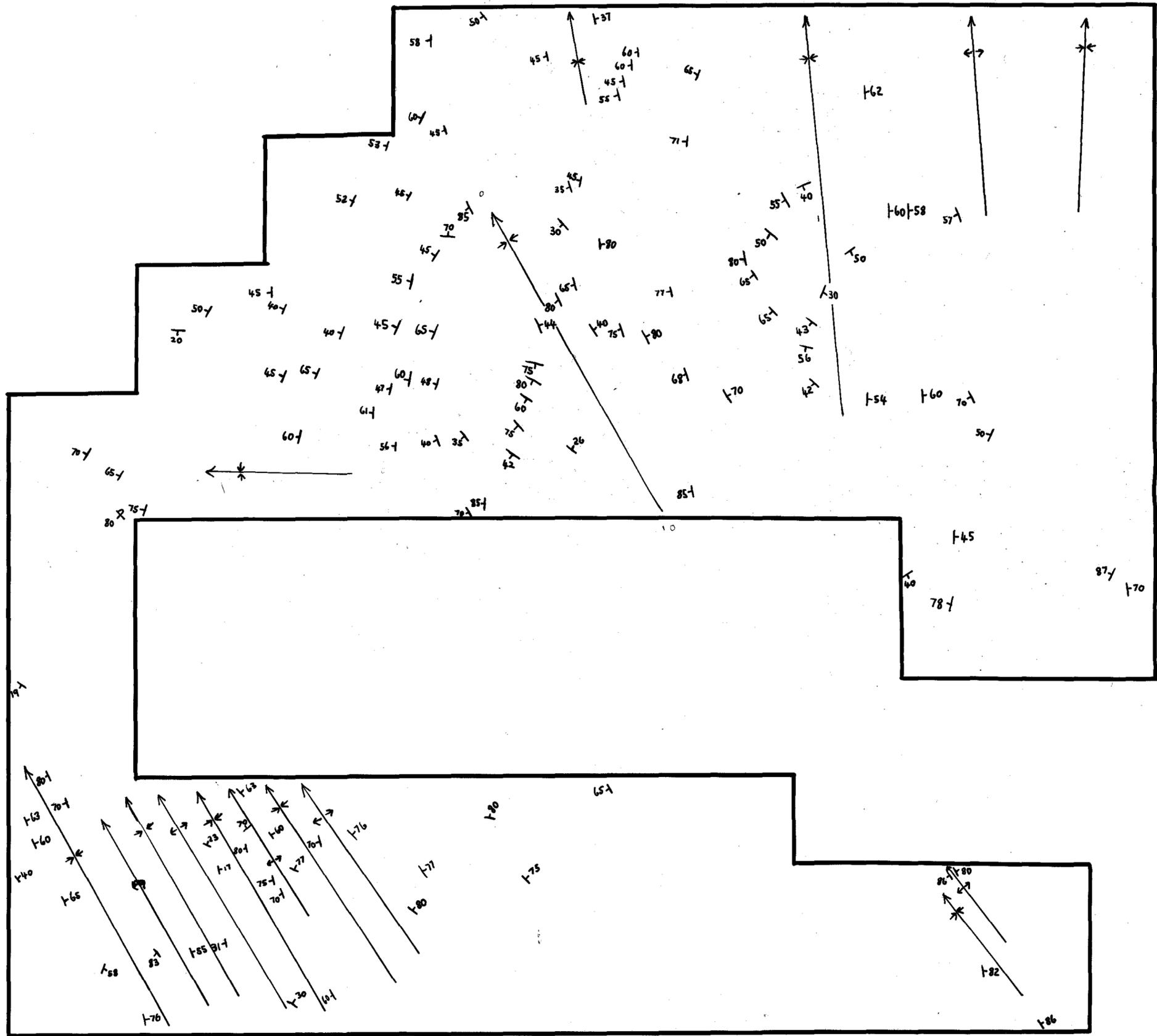
GEOLOGY

The licence area is divided into North & South by a fault some 35 km in length running from the Devonian Granite at Trial Harbour to Queenstown and suspected to be strongly related to the mineralization in the Queensberry Mine. North of this fault the Beds are structurally controlled by the Zeehan Anticlinorium and are lower ordovician and upper cambrian in age with slight Quaternary Marsh overlay. South of this fault the beds are of a younger age being a basal Permian Glacio-Marine sequence overlaying upper Devonian interbedded fine grained quartz, sandstone and mudstone with fold axis having a general N.E. orientation. This geology is shown in detail on Maps 2 and 3 enclosed within this report.

SUMMARY AND CONCLUSIONS

The Bedrock, although folded and faulted, provided no sign of mineralization within the licence area. The more favourable lower Cambrian tuffaceous units were not found to outcrop in the area as was hoped for at the beginning of the exploration. However, the second year of exploration doing further track cutting for the proposed self potential lines will expose more bedrock for Mapping and may uncover an outcrop of the more favourable lithologies.

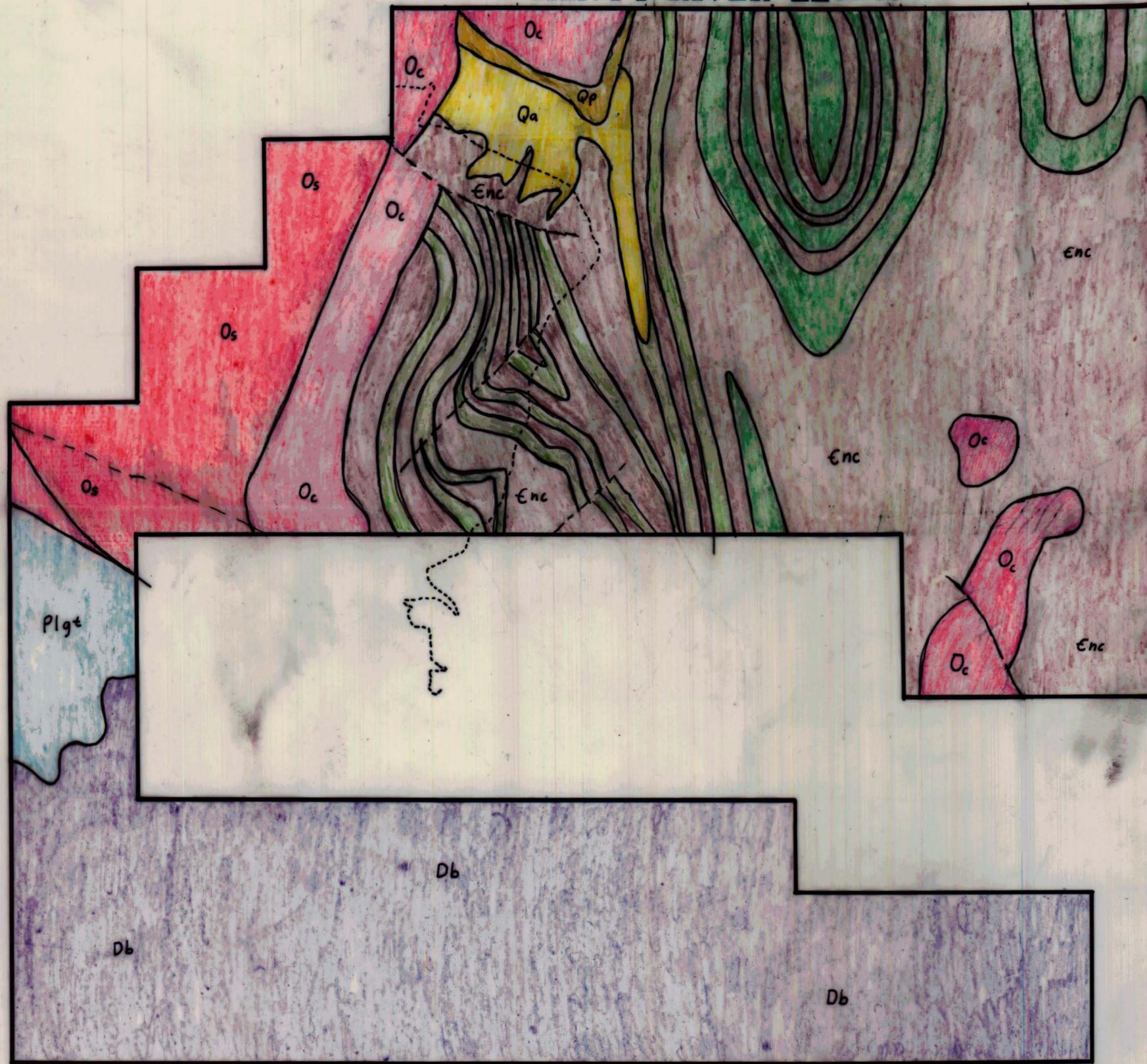




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Map 3

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HENTY RIVER EL10/85



REFERENCE

- Quaternary Marsh deposits Qa
- Quaternary till Qp
- Permian tillite and siltstone Plgt
- Devonian sandstone, mudstone, shale Db
- Ordovician sandstone & siltstone Os
- Ordovician siliceous conglomerate Oc
- Cambrian siltstone, Greywacke, mudstone, sandstone Enc

- Syncline 
- Anticline 
- Dip & strike 
- fault 