

TIMRON MINING

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EXPLORATION LICENCE 45/87

SCOTTSDALE

FINAL REPORT ON 130 KM² RELINQUISHED 10 MAR 89

LICENCEE Mrs. O. Parish

MICROFILMED

EXPLORATION MANAGER TIMRON MINING

89-2922

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| MINES | |
| File Ref. EL 45/87 | |
| 10 MAR 1989 | |
| Doc. Ref. | |
| Action Officer | Initials |
| LETTER | |
| 7.3.89 | |
| REFERS | |
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| Resubmit to | Date |

AUTHER Ron Gregory

COPIES TO O.Parish
T.Parish
Director of Mines

89-2922

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TIMRON MININGEXPLORATION PHILOSOPHY

Within the licence area there exists the Tonganah Clay Mine, several sand/gravel mines and a number of old tin mines. It was thought that similar deposits to the above might exist in the area and by combining the search for a number of minerals an economic deposit of one or the other may be found.

WORK COMPLETED

1. RECONNAISSANCE by foot and 4WD over all tracks and prospective areas, confirmed geological mapping, eliminated areas of non prospectivity, and located areas of future exploration for an excavator.
2. SOUTH of Tasman Highway rejected after reconnaissance, due to lack of surface sand and indications of saprolite.
3. EXAMINATION of Tonganah drill logs from previous exploration showed the area around the mine to be non prospective.
4. AN EXCAVATOR was used to dig pits down to 4.5 metres where soil conditions allowed. The pits were examined for indications of saprolite, sand depth and quality and where appropriate Tin/Monazite and precious stones. No sophisticated equipment, only a gravity pan and observation.
5. ECONOMIC deposits of sand/gravel were not located north of Surveyors Creek.
6. No indication of Saprolite was found north of Surveyors Creek probably due to the thickness of the drift mantle.
7. MINING LEASE 2M/87 was explored under arrangement with the owner. At least 5,000.00 m³ of sand was located but no Saprolite.
8. MINING LEASE 50M/85 was explored under arrangement with the owner. In the opinion of Timron Mining - 25,000 m³ sand/ gravel was located. No Saprolite was encountered on the lease.
9. NORTH of grid 48 on Scottsdale 1:25,000 map no economic depths of sand were encountered and no Saprolite, along Goanna Road.
10. SOUTH of grid 46 on Goanna Road large deposits of sand exist but these are already under lease.
11. The depth of one metre of clean sand was believed to be uneconomic. In the opinion of the explorers a depth of at least two metres and a quantity of 5,000 m³ is required to make a sand deposit economic.
12. No economic concentrations of Tin/Monazite were located on the relinquished area and no precious stones of economic importance were seen.

CONCLUSIONS

1. The mantle of drift in the northern half of the licence is a lot thicker than exists in the Tonganah vicinity and so exploration for Saprolite with an excavator was relatively ineffective.
2. No economic deposits of sand or gravel exist north of Surveyors creek.
3. No economic deposit of sand/gravel exist on the relinquished area other than on existing leases.

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CONCLUSIONS

4. Saprolite may still exist within the area relinquished but the mantle of drift would be too thick to be economic when the other factor of remoteness from Tonganah are taken into account.

REHABILITATION

1. All pits were filled in after examination and topsoil or what there was of it was spread over the pit.

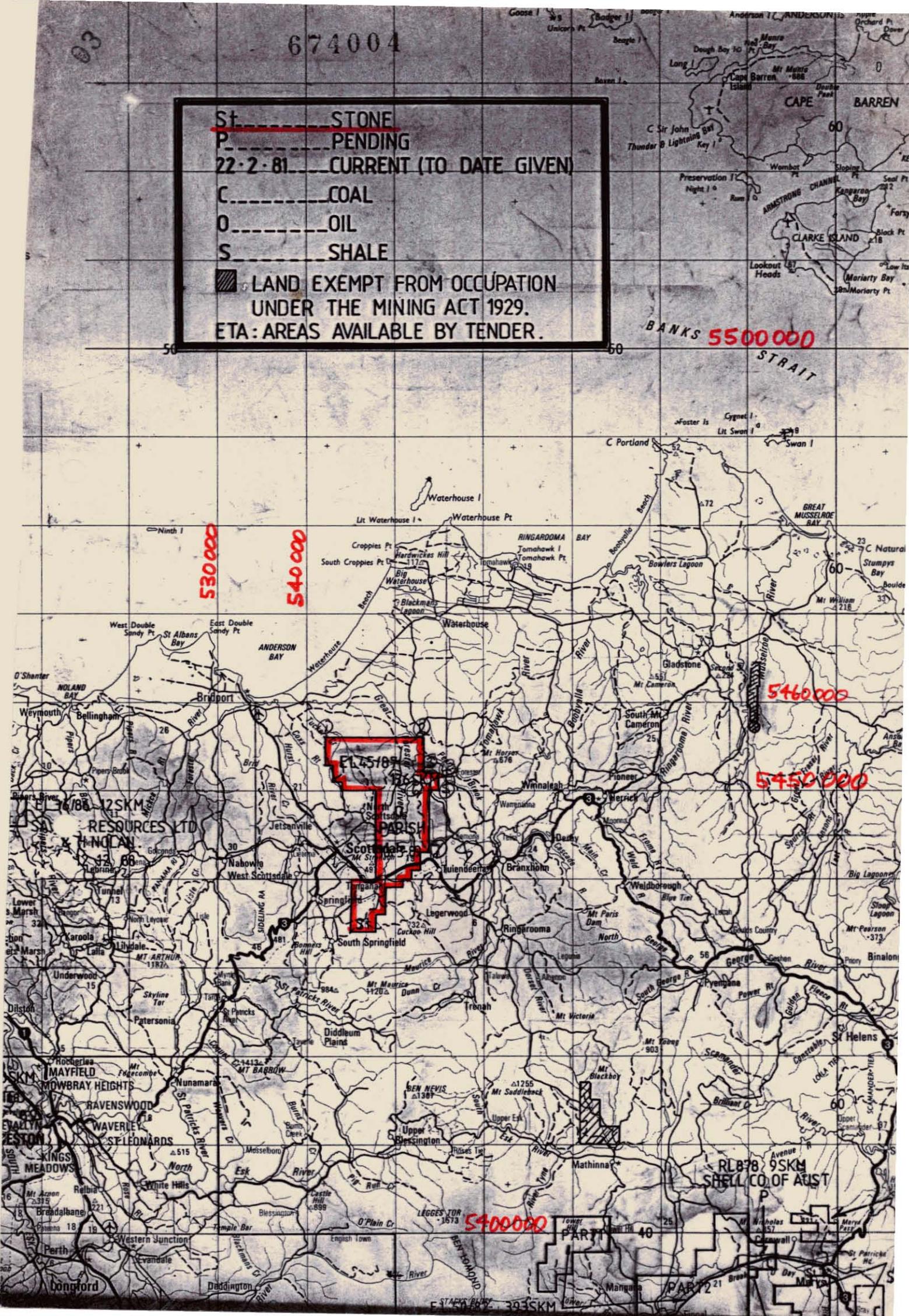
2. A recent examination has showed that signs of the excavator tracks have been allmost obliterated by the good spring and summer rains. Bracken fern has commenced to revgetate the pit site naturally and so no lasting damage has occurred.

BIBLIOGRAPHY

1. Annual report 10 Mar 88 to 9 Mar 89 for E.L.45/87

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S - **STONE**
P - **PENDING**
22-2-81 - **CURRENT (TO DATE GIVEN)**
C - **COAL**
O - **OIL**
S - **SHALE**
 **LAND EXEMPT FROM OCCUPATION UNDER THE MINING ACT 1929.**
ETA: AREAS AVAILABLE BY TENDER.



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ROUTE OF EXCAVATOR EXPLORATION

