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PROPOSED DRILL SITE LOCALITIES

CENTRAL MIDLANDS, TASMANIA

CULTURAL HERITAGE SURVEY



Prepared by Parry Kostoglou
ArcTas Pty Ltd.

**For Great South Land Minerals Ltd.
February 2007**

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1.0 BACKGROUND

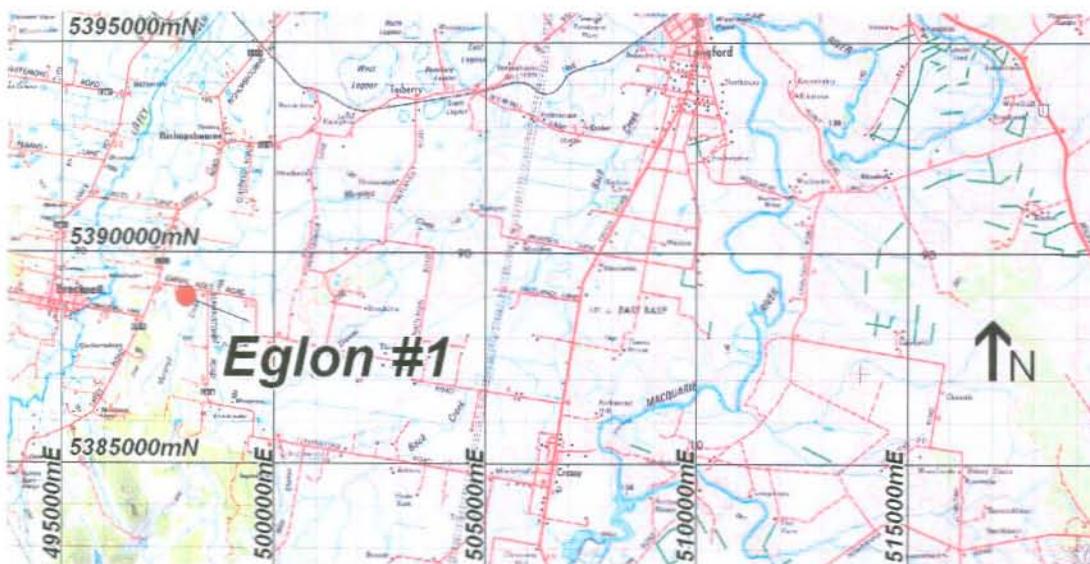
As a part of its oil exploration program throughout the Tasmanian Midlands, Great South Lands Minerals Limited is currently seeking to undertake exploratory drilling at four separate localities in order to better quantify its target resource. This cultural heritage assessment has accordingly been commissioned in order to assess the potential impact of the drilling program upon any resident historic archaeological sites.

2.0 LOCATION AND EXTENT OF SURVEY AREA

The current program requires drilling at four localities which are spread out across the Midlands region of central Tasmania. The four drill sites occur in the following localities.

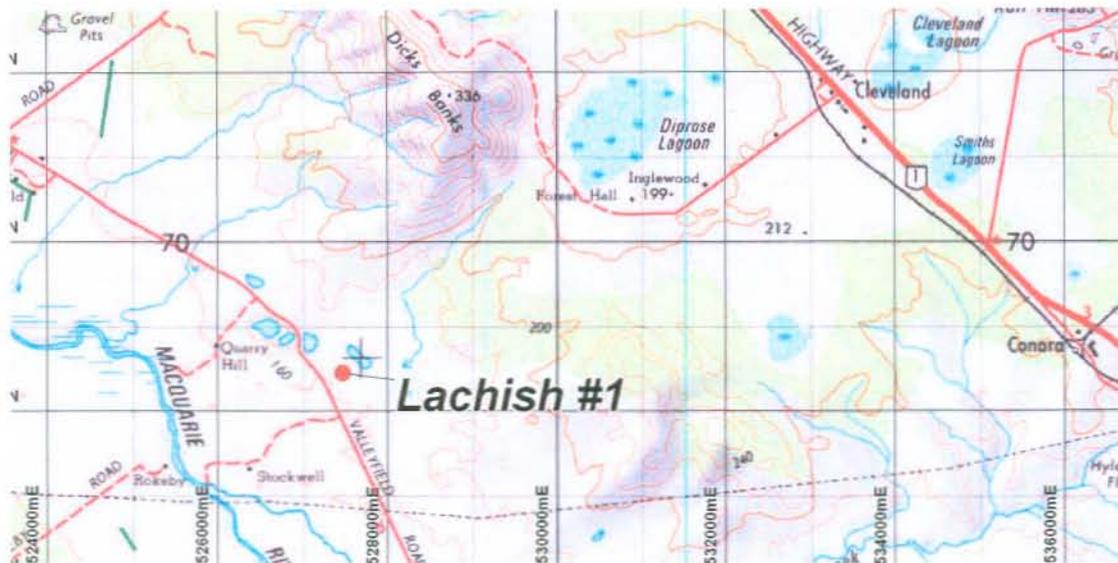
Egdon No. 1

This site is situated 25 kilometres south west of Launceston. More specifically the site lies on private property along Green Rises road some three kilometres east of Bracknell Township.



Lachish Number 1

This site is situated 50 kilometres south of Launceston. More specifically the site lies on private property beside Valleyfield road some eight kilometres south west of Epping Forest Township.



Gezer Number 1

This site is situated 85 kilometres south west of Launceston. More specifically the site lies on private property beside the Marlborough Highway some fifteen kilometres south west of Miena Township.



Hebron Number 1

This site is situated 82 kilometres south of Launceston. More specifically the site lies on private property near Ballochmyle road some three kilometres north east of Tunbridge Township.



3.0 METHODOLOGY

All four localities were examined on foot using hand held GPS technology to pin point the drill site locations provided by the client. Archaeological sites subsequently located were recorded photographically and notes entered into a standard pro forma site record form. This fieldwork was undertaken over a two day period in late January, 2007.

4.0 SUMMARY OF RESULTS

During the assessment of all four localities, two historic features were found.

- **Roscarborough water race** (Gezer No. 1 drill site)
- **Butlers Rise machinery scatter** (Hebron No. 1 drill site)

No further action on behalf of the client is deemed necessary unless further cultural remains are located in the vicinity of these features during subsequent expansion or movement of the drill site.

5.0 KNOWN SITES WITHIN THE SURVEY AREA

Three sites situated within one kilometre of the newly discovered Roscarborough water race appear on historic heritage data bases. These are:

- Roscarborough Homestead (THPI No. 8213-010)
- Serpentine Homestead (THPI No. 8213:009)
- Serpentine Hut 1 (THPI No. 8213:032)

These sites are documented in a report commissioned by Forestry Tasmania (Kostoglou 2000) which sought to assess the historic cultural heritage of the Tasmanian southern central highlands. All three sites are situated beyond 2 kilometres of the newly discovered site. As such the associated prescriptions are not relevant to this study.

6.0 RECOMMENDATIONS

As a result of this assessment, it is recommended that:

- **The site designated as the Roscarborough Water Race should be avoided by the proposed drilling activities. If crossing of the race is required, this consultant should be contacted for advice as to the whether the feature can be bridged.**

7.0 RESULTS OF FIELD WORK

The following two sites were located during the field work component.

HISTORIC CULTURAL HERITAGE ASSESSMENT. ADDITIONAL SURVEY AREAS.		
Site/Feature name: Roscarborough water race		Site number: 01
Associated drill site: Gezer Number 1		
Location (AGD 1966) E 460324 N 5344323	Land tenure: Private property	Historic theme: Pastoralism?
Description of remains: This site consists of a linear earthen excavation measuring 1.5 x 1 metres in depth. It is oriented roughly north/south and heads northerly in the general direction of the Little Pine River. Although not traversed, this linear site should measure in excess of 500 metres.		
Interpretation of site: Earthen race for conveyance of water away from Little Pine river to unknown locality.		
Significance: Due to its perceived rarity in the Southern Highlands region, this site is deemed to have <u>Medium</u> to High Local Significance. This may have further applicability at the regional level also.		
Recommendations: This site should not be disturbed by the proposed development. If crossing of the site is required, this consultant should be contacted first in order to obtain the relevant advice.		

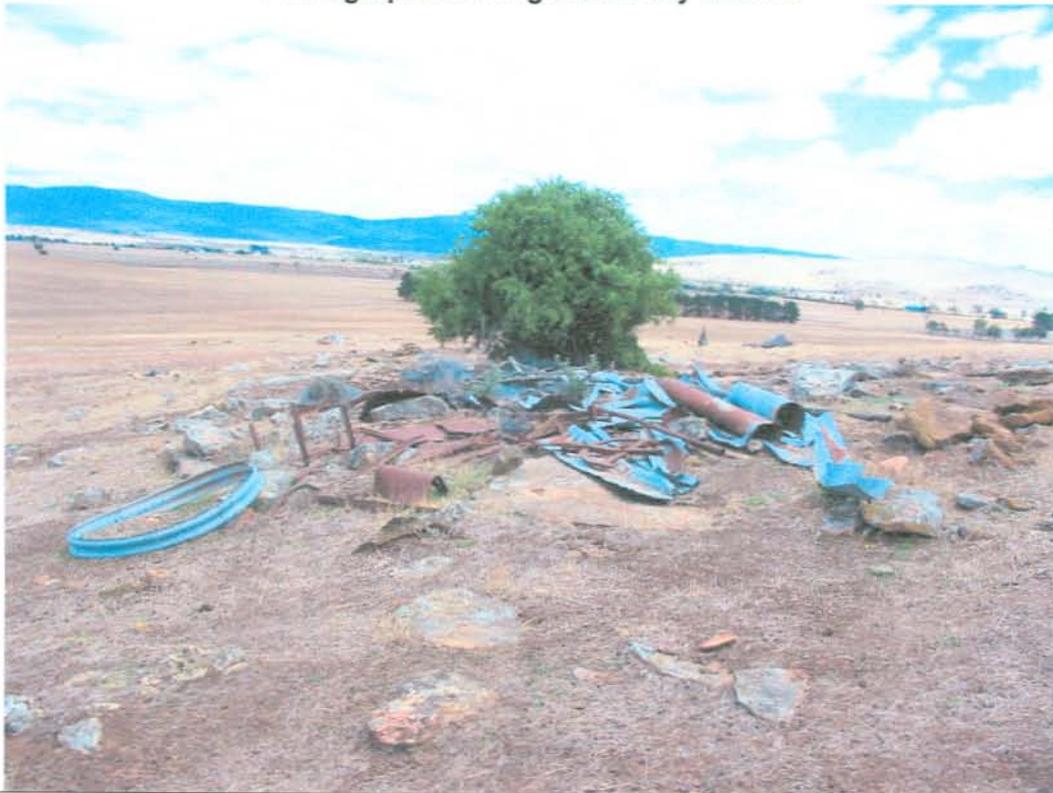
Photograph showing earthen race.



HISTORIC CULTURAL HERITAGE ASSESSMENT. ADDITIONAL SURVEY AREAS.

Site/Feature name: Butlers Rise machinery scatter		Site number: 02
Associated drill site: Hebron Number 1		
Location (AGD 1966) E 537564 N 5334848	Land tenure: Private property	Historic theme: Pastoral
Description of remains: This site consists of a 10 x 8 metre scatter of assorted agricultural debris including iron sheeting, tubular sheet iron piping, tractor parts and wire fencing.		
Interpretation of site: Agricultural machinery dump/scatter.		
Significance: This site is deemed to have <u>Minimal</u> Significance.		
Recommendations: None made.		

Photograph showing machinery scatter.



7.0 REFERENCES

Kostoglou, P. 2000. An archaeological survey of historic sites in the South Central Highlands of Tasmania. Forestry Tasmania.