

MOUNT CAMERON EL 21/2002

NE TASMANIA

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SUMMARY

One hundred and twenty pan samples of sediments were taken from the alluvial wash within the EL. during 2004-2005.

Work to date has confirmed that the EL contains areas containing medium grade alluvial cassiterite. A bulk sampling plant has been purchased. It will be used to ascertain tonnages and grade estimates for some of these sites. This last stage of project assessment will be undertaken during the coming spring/summer. Its goal will be to determine the economic viability of mining the E.L.

INTRODUCTION

The Mount Cameron EL 21/2002 has a total area of approximately fourteen square kilometers. It is situated approximately six kilometers north of the historic mining township of Pioneer, in northeast Tasmania and encompasses the old township of South Mount Cameron.

TENURE

The EL is held (100%) by Alistair Roy Nicholas. It is comprised of a mix of Crown Land, State Forest and MDC Informal Reserve.

PREVIOUS MINING AND EXPLORATION

Mining within the EL has been extensive and included considerable drilling of the alluvial sediments. Historical drill sections were either assayed as a single bulk sample, or assayed over varying lengths/weights of recovered sediments. In addition, different methods were often used to obtain concentrate samples from adjoining areas – e.g. pan sampling, sluicing and cradles. This variability has made the task of correlating samples from within the E.L. somewhat problematic.

The records show instances of mining of high-grade deposits that were terminated at some lease boundaries without any follow-up assessment, or mining, by the adjoining leaseholder. These are areas of present-day interest that need to be properly sampled. The records also indicate that tailings have been deposited, at a number of sites, directly on top of unworked ground. These also need to be sampled. A third area of interest is sited in the upper reaches of Corduroy Creek where dredge mining of high-grade alluvium was blocked by the (then important) Gladstone Road, as well as by rising topography.

GEOLOGY

The rocks within the EL are comprised of Mathinna Group sediments of early Ordovician – early Devonian age. They are considered to represent an essentially uninterrupted period of greywacke-shale sedimentation. The area is characterized by rolling hills, re-growth forest and grass-covered alluvial flats. These latter are being used predominantly for grazing cattle. The Ringarooma River centrally traverses the E.L.

DISCUSSION

During the coming Spring-Summer bulk samples – down to a depth of approximately five metres – will be taken from those areas that pan sampling has indicated may contain the highest grades. This work will now be done using a small excavator and light-medium weight bulk sampling machine. It had originally been planned to transport this material to ML 7M/2001 during summer of 2004/5 using a ten-yard truck. Its heavy mineral component was to have been separated out there using a sixty tonne track-mounted mobile processing plant that was to have been relocated to the M.L. during 2004. Unfortunately, delays in receiving site approvals regarding ML 7M/2001 from the Dorset Shire Council prevented realization of this timetable. The main processing plant has only recently been able to transported to ML 7M/2001.

Whilst awaiting resolution of the above matter, a decision was made to attempt to meet the work schedule commitments that had been planned for 2004/2005 by using a light-weight, trailer-mounted, gravity bulk separation plant to conduct *in-situ* bulk sampling rather than transporting any material from this E.L. to ML 7M/2001.

A suitable four tonne BSP 10C bulk sampling plant was located in Victoria, purchased by the leaseholder and relocated to Tasmania. This machine will now be used on the sites of interest during spring-summer 2005/2006.

EXPENDITURE

The following expenses were incurred in the collection of 120 pan samples of alluvial wash during 28 field trips to the South Mount Cameron exploration area during 2004/2005.

Contract Geology	\$2,000
Fuel/Travel	\$2,240
Labour	\$1,100
Total	\$5,340

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