



Rio Tinto Exploration Pty. Limited

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A member of the Rio Tinto Group

Third Annual Report
for the Period Ending 6th June 2003,
EL 8915 Tee Dee Hill,
Waterloo SE52-03,
Victoria Diamonds Programme,
Northern Territory

Exploration Report No. 26169

Tenement Holder:	Rio Tinto Exploration Pty Limited
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SUMMARY OF ACTIVITIES

EL 8915 Tee Dee Hill is located 100 km south west of Timber Creek and 30 km east of the Amanbidji Community, on the Waterloo SE52-03 1:250,000 map sheet, western Northern Territory. The tenement is located within the Nagurunguru Aboriginal Land Trust (NALT) and is subject to the Timber Creek Joint Venture and Deed of Exploration with NALT. The EL forms part of RTE's Victoria Diamonds Project comprising 21 contiguous EL's and EL applications in the region.

EL 8915 overlies part of the Neoproterozoic Victoria River Basin that is dominated by gently deformed Jasper Creek sandstone overlain by Cambrian Antrim Plateau Volcanics.

Previous diamond exploration within EL 8915 identified a prominent kimberlite indicator mineral anomaly known as "Tee Dee Hill" highlighted by a cluster of macrodiamonds, microdiamonds and other indicator minerals within a single drainage. A number of samples elsewhere within the tenement contain kimberlite indicator minerals including picroilmenite in samples from two adjacent drainages. The work identified a number of interesting targets and geological features worthy of additional investigation. During the previous reporting period RTE decided to divest the EL.

No field-based exploration was completed by RTE during the current reporting period. During the period RTE's Victoria Diamond Project exploration data was packaged and presented to various parties. Following the break down of divestment negotiations with one party the divestment is now being finalised with a second party.

VERIFICATION LISTING

Exploration Work Type	File Name	Format
Office Studies		
Literature search		
Database compilation		
Computer modelling		
Reprocessing of data		
General research		
Report preparation	26169 Tee Dee Hill.pdf	.pdf
Other (specify)	WAp45679 (Tenement Location Plan)	.pdf
Airborne Exploration Surveys		
Aeromagnetics		
Radiometrics		
Electromagnetics		
Gravity		
Digital terrain modelling		
Other (specify)		
Remote Sensing		
Aerial photography		
LANDSAT		
SPOT		
MSS		
Radar		
Other (specify)		
Ground Exploration Surveys		
Geological Mapping		
Regional		
Reconnaissance		
Prospect		
Underground		
Costean		
Ground Geophysics		
Radiometrics		
Magnetics		
Gravity		
Digital terrain modelling		
Electromagnetics		
SP/AP/EP		
IP		
AMT		
Resistivity		
Complex resistivity		
Seismic reflection		
Seismic refraction		
Well logging		
Geophysical interpretation		
Other (specify)		
Geochemical Surveying		
Drill sample		
Stream sediment		
Soil		
Rock chip		
Regolith		
Water		
Biogeochemistry		
Isotope		
Whole rock		
Mineral analysis		
Other (specify)		
Drilling		
Aircore		
Auger		
Diamond		
Reverse circulation		
Rotary air blast		
Rotary percussion		
Tungsten carbide bit (coring)		
Groundwater drilling		
All drilling		
File Verification Listing (this table)	26169 Tee Dee Hill V.pdf	.pdf