



Rio Tinto Exploration Pty. Limited

ABN 76 000 057 125 / ACN 000 057 125

A member of the Rio Tinto Group

Partial Relinquishment Report
For the Period Ending 8 June 2007
EL385 Walker River
SD5307 Blue Mud Bay
Northern Territory

Exploration Report No. 28057

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| Tenement Holder: | Rio Tinto Exploration Pty Limited |
| Date: | June 2007 |
| Author: | M Pankhurst, G Hartshorn |
| Submitted: | I M Clementson |
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SUMMARY OF ACTIVITES

SUMMARY

Exploration Licence (EL) 385 was applied for in 1972 by CRA Exploration Pty Limited (CRAE). Partial consent of the application area resulted in the granting of two separate licences (ELs 385 & 24304) in June 2004. The tenements are located approximately 180 km south-west of Nhulunbuy, and 80 km north of Numbulwar in south east Arnhem Land and consequently are processed under the Aboriginal Land Rights Act 1975 (ALRA).

EL 385 was partially relinquished by 50% (19 blocks) at the end of the 2nd year term.

A partial relinquishment of 7 blocks was lodged prior to the end of the 3rd year term. This partial relinquishment did not meet minimum relinquishment requirements and an application was made for partial exemption from the third year relinquishment requirement granted on 5 June 2007

The tenements are considered prospective for base metal mineralisation, similar to that at McArthur River (HYC) in the McArthur Basin. Subsidiary targets are diamonds and bauxite. The tenements contain McArthur Group equivalent sediments adjacent to the eastern margin of the Walker Trough. McArthur Group sediments are host to the McArthur River (HYC) lead-zinc deposit located approximately 300 km to the south.

Exploration was directed at locating a stratabound base metal deposit by soil sampling, stream sampling and shallow auger drilling through sand cover. Testing for bauxite and diamonds was also conducted.

Results of the soil, stream and auger drilling did not show any anomalous geochemistry for either zinc or bauxite mineralisation below the sand cover. The one diamond gravel sample was negative for indicators or diamond.

VERIFICATION LISTING

| Exploration Work Type | File Name | Format |
|---|--|--------------------------------------|
| Office Studies | | |
| Literature search | | |
| Database compilation | | |
| Computer modelling | | |
| Reprocessing of data | | |
| General research | | |
| Report preparation | EL385_Walker River_Relinquishment pZn07_004 | .pdf .pdf |
| Other (specify) | | |
| 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 | EL385_2007_R2_03_stream_sediment | .txt |
| Soil | EL385_2007_R2_02_soils_samples pZn07_005 | .txt .pdf |
| Rock chip | | |
| Regolith | | |
| Water | | |
| Biogeochemistry | | |
| Isotope | | |
| Whole rock | | |
| Mineral analysis | | |
| Other (specify) | | |
| Drilling | | |
| Aircore | | |
| Auger | EL385_2007_R2_05_drillcollars EL385_2007_R2_06_lithology EL385_2007_R2_07_downholegeochem_XRF EL385_2007_R2_08_downholegeochem_ICP pZn07_006 | .txt .txt .txt .txt .pdf |
| Diamond | | |
| Reverse circulation | | |
| Rotary air blast | | |
| Rotary percussion | | |
| Tungsten carbide bit (coring) | | |
| Groundwater drilling | | |
| All drilling | | |
| File Verification Listing (this table) | 28057 Walker River V | .pdf |

