



Rio Tinto Exploration Pty. Limited

ABN 76 000 057 125 / ACN 000 057 125

A member of the Rio Tinto Group

Final Rehabilitation Report
For the Period Ending March 2005
EPM13949 Archer 1, EPM13951 Archer 2, EPM13952 Archer 3,
EPM13953 Archer 4, EPM13956 Archer 5, EPM13950 Archer 6,
EPM13955 Holroyd 1, EPM13957 Holroyd 2,
250K Mapsheets: SD5407 Aurukun, SD5411 Holroyd
Cape York Bauxite, Queensland

Exploration Report No. 27199

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LIST OF PLANS

| Plan No | Title | Scale |
|----------------|-------------------------------|--------------|
| WAp46307 | Completed Drilling March 2005 | N/A |

1. **SUMMARY**

This final rehabilitation report is for the period ending March 2005 for the Cape York Bauxite drilling programme. It covers Exploration Permits (EPMs): EPM13949 Archer 1, EPM13951 Archer 2, EPM13952 Archer 3, EPM13953 Archer 4, EPM13956 Archer 5, EPM13950 Archer 6, EPM13955 Holroyd 1 and EPM13957 Holroyd 2. The work completed last year included:

- 17 (seventeen) <10m deep Rotary auger holes drilled on existing tracks within tenements
- 9 (nine) <25m deep Aircore holes drilled on existing tracks within tenements
- 21 (twenty-one) <10m deep Wacker percussion core holes drilled across tenements facilitated by helicopter
- Setup & pull down of RTE accommodation camp within Aurukun Shire Council's "Blue Lagoon" Resource Centre infrastructure to facilitate programme

Rio Tinto Exploration (RTE) does not plan to undergo any further exploration within the tenements and therefore will take steps to have them relinquished.

2. **INTRODUCTION**

The Cape York Bauxite Drilling programme commenced in October 2004 and finished in November 2004. Table 1 lists the tenements that comprise the programme. The exploration work carried out as part of the programme on these tenements included:

- Existing track based reconnaissance of the area for geological and logistical information
- Set up of basic RTE accommodation camp within existing infrastructure of the Aurukun Shire Council's "Blue Lagoon" Resource Centre facility, in construction during the programme
- Shallow rotary auger drilling along existing roads & tracks
- Shallow Aircore drilling along existing roads & tracks
- Shallow Wacker percussion core drilling throughout the tenement cluster, facilitated by helicopter with no wheeled vehicle involvement
- Pull down of RTE accommodation camp and demobilisation from area



RTE completed the following rehabilitation:

- *Auger*: all drill holes were backfilled with sample to surface and slightly mounded on top to allow for settling of material. All foreign material was removed from the area.
- *Wacker*: all drill holes were backfilled with sample to surface and slightly mounded on top to allow for settling of material. All foreign material was removed from the area.
- *Aircore*: all drill holes were backfilled with sample to surface and slightly mounded on top to allow for settling of material. All foreign material was removed from the area.
- *RTE Camp (Blue Lagoon)*: all RTE paraphernalia was removed from the facility, rubbish was placed in designated pits provided by Aurukun Shire Council. Several empty JetA1 (heli fuel) drums were left near the heli pad at the satellite communications dish at the request of Aurukun Shire Council for their own use.

This details the adopted environmental management and rehabilitation activities that RTE completed on this programme. RTE undertook all activities in accordance with the RTE-AR Environmental Policy and Procedures, and the Environmental Management Plan for this programme.

Before ground disturbing activities commenced, RTE set-up Environmental Monitoring Stations on site. RTE will retain the photographs from the monitoring stations as a record of the ground disturbance from its activities on site.

Table 1: Tenement Details

| Name | Tenement No. | Application Date | Grant Date | Sub-Blocks | Area (km ²) |
|-----------|--------------|------------------|------------|------------|-------------------------|
| Archer 1 | EPM13949 | 24/12/2002 | 15/10/2003 | 78 | 267 |
| Archer 2 | EPM13951 | 24/12/2002 | 15/10/2003 | 100 | 333.6 |
| Archer 3 | EPM13952 | 24/12/2002 | 15/10/2003 | 79 | 270.1 |
| Archer 4 | EPM13953 | 24/12/2002 | 15/10/2003 | 100 | 333.4 |
| Archer 5 | EPM13956 | 24/12/2002 | 15/10/2003 | 96 | 319.8 |
| Archer 6 | EPM13950 | 24/12/2002 | 15/10/2003 | 100 | 333.1 |
| Holroyd 1 | EPM13955 | 24/12/2002 | 15/10/2003 | 100 | 332.7 |
| Holroyd 2 | EPM13957 | 24/12/2002 | 15/10/2003 | 100 | 332.9 |

3.

POLICIES AND PROCEDURES

The Rio Tinto Exploration – Australia Region (RTE-AR) Environmental Policy and Procedures provides the guidelines by which the exploration activities of RTE are conducted. RTE conducted the planning, operation and rehabilitation of this project in accordance with these documents.

RTE compiled an Environmental Management Plan (EMP) for the Cape York Bauxite drilling at the beginning of this programme. The EMP addresses aspects associated with stakeholders, the environment, work programme (ground disturbance) and rehabilitation, and general operational details for the proposed programme.

4. EXPLORATION ACTIVITIES AND GROUND DISTURBANCE

Table 2 summarises the ground disturbance and rehabilitation of the Cape York Bauxite drilling programme.

Table 2: Summary of Ground Disturbance and Rehabilitation

| Tenement | Ground Disturbance | No. of Sites | Area Cleared (ha) | Area Rehabilitated (ha) | Site allocation |
|-----------------|---------------------------|---------------------|--------------------------|--------------------------------|--------------------------------------|
| EPM 13949 | Nil | 16 | 0 | 0 | Auger: 10 Aircore: 3 Wacker: 3 |
| EPM 13951 | Nil | 12 | 0 | 0 | Auger: 7 Aircore: 3 Wacker: 2 |
| EPM 13952 | Nil | 3 | 0 | 0 | Auger: Aircore: Wacker: 3 |
| EPM 13953 | Nil | 9 | 0 | 0 | Auger: Aircore: 3 Wacker: 6 |
| EPM 13956 | Nil | 3 | 0 | 0 | Auger: Aircore: Wacker: 3 |
| EPM 13950 | Nil | 4 | 0 | 0 | Auger: Aircore: Wacker: 4 |
| EPM 13957 | Nil | 0 | 0 | 0 | Auger: Aircore: Wacker: |
| EPM 13955 | Nil | 0 | 0 | 0 | Auger: Aircore: Wacker: |

Appendix 1 shows the areas of ground disturbance on the tenement.

4.1 Rehabilitation

4.1.1 Completed

Due to the very low impact nature of all the drilling completed on the Cape York Bauxite drilling programme, very little rehabilitation work was required.

There was no clearing whatsoever required for the programme, and vehicular impact was kept to a minimum by utilizing existing tracks. Vehicles traversed no virgin vegetation.

All drilling within virgin vegetation was done with the Wacker percussion drill, which was slung in via helicopter and met by ground parties on foot.



Heli-slinging of the Wacker percussion drill to site to meet ground party

All drill holes were backfilled with the cuttings and surface material and slightly mounded to allow for settling.

The RTE accommodation camp was installed within the existing infrastructure and clearings of the Aurukun Shire Council's "Blue Lagoon" Resource Centre, and therefore no environmental impact from RTE operations occurred.

4.1.2 Machinery Used

No machinery was required for the rehabilitation of the Cape York Bauxite drilling programme.

4.1.3 Follow-up Work

No follow-up work with regard to environmental issues and rehabilitation is required.

4.1.4 Agreements

No infrastructure agreements were made.

4.2 Monitoring

An environmental monitoring station was installed at the site of AC04CY09 (Aircore drill hole to depth 20.5m). This site was felt to be the most suitable due to it being virtually in virgin vegetation, yet with easy access via an existing track.

| Station ID | Hole ID | Picture Coordinates MGA94 | | Bearing | Date |
|------------|----------|---------------------------|-----------|---------|------------|
| CYMS001 | AC04CY09 | 595544mE | 8462860mN | 160° | 13/11/2005 |



CYMS001 – Showing AC04CY09 before & after drilling

4.3 Significant Environmental Issues

No significant environmental issues have been identified in relation to the outcomes of the Cape York Bauxite drilling programme.

4.4 Future Activities

No further activity is planned in the area and steps will be taken by RTE to relinquish the tenements.

KEYWORDS

Final Rehabilitation Report, rehabilitation, environmental, Aircore, Auger, Wacker

DESCRIPTOR

This Final Rehabilitation Report for the Cape York Bauxite Drilling Programme is for the period ending March 2005.

It includes EPM13949 Archer 1, EPM13951 Archer 2, EPM13952 Archer 3, EPM13953 Archer 4, EPM13956 Archer 5, EPM13950 Archer 6, EPM13955 Holroyd 1, EPM13957 Holroyd 2. Map sheets: SD5407 Aurukun and SD5411 Holroyd QLD.