

# REPORT METADATA FORM

## (MINERAL EXPLORATION)

| PART A (DME USE ONLY) |               |         |          |         |          |
|-----------------------|---------------|---------|----------|---------|----------|
| Report Number         | Date Received |         |          |         |          |
| Collation             | __ pp.        | __ figs | __ logs  | __ maps | __ apps. |
| Media                 | __ CDs        | __ 1.5" | __ Exab. | __ DLT  | __ vols  |

| PART B              |                                                                                                                                                             |          |                       |      |              |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|------|--------------|
| Tenure Number(s)    | EL 22397                                                                                                                                                    |          | Company Report Number |      | 26173        |
| Report Date         | August 2003                                                                                                                                                 |          | Anniversary Date      |      | 23 July 2003 |
| Group Project Name  | Hodgson Diamonds Project                                                                                                                                    |          |                       |      |              |
| Report Title        | First Annual Report for the Period Ending 23 July 2003, EL 22397, Mount Eleanor, Hodgson Diamond Programme, Urapunga SD53-10, Northern Territory, Australia |          |                       |      |              |
|                     |                                                                                                                                                             |          |                       |      |              |
|                     |                                                                                                                                                             |          |                       |      |              |
|                     |                                                                                                                                                             |          |                       |      |              |
| Author(s)           | Bishop S.R.                                                                                                                                                 |          |                       |      |              |
| Corporate Author(s) | Rio Tinto Exploration                                                                                                                                       |          |                       |      |              |
| Maps 1 : 250 000    | Urapunga                                                                                                                                                    | SD 53-10 |                       |      |              |
| Maps 1 : 100 000    | Moroak                                                                                                                                                      | 5668     | Chapman               | 5768 |              |

| Tectonic Units                            |                                                  |                                                    |                                                |
|-------------------------------------------|--------------------------------------------------|----------------------------------------------------|------------------------------------------------|
| <input type="checkbox"/> Amadeus Basin    | <input type="checkbox"/> Carpentaria Basin       | <input checked="" type="checkbox"/> McArthur Basin | <input type="checkbox"/> Pine Creek Inlier     |
| <input type="checkbox"/> Arafura Basin    | <input type="checkbox"/> Daly Basin              | <input type="checkbox"/> Money Shoal Basin         | <input type="checkbox"/> Simpson Basin         |
| <input type="checkbox"/> Arnhem Inlier    | <input type="checkbox"/> Dunmarra Basin          | <input type="checkbox"/> Murphy Inlier             | <input type="checkbox"/> South Nicholson Basin |
| <input type="checkbox"/> Arunta Inlier    | <input type="checkbox"/> Eromanga Basin          | <input type="checkbox"/> Musgrave Block            | <input type="checkbox"/> Tennant Creek Inlier  |
| <input type="checkbox"/> Birrindudu Basin | <input type="checkbox"/> Fitzmaurice Mobile Zone | <input type="checkbox"/> Ngalia Basin              | <input type="checkbox"/> Victoria Basin        |
| <input type="checkbox"/> Bonaparte Basin  | <input type="checkbox"/> Georgina Basin          | <input type="checkbox"/> Ord Basin                 | <input type="checkbox"/> Warburton Basin       |
| <input type="checkbox"/> Browse Basin     | <input type="checkbox"/> Granites-Tanami Inlier  | <input type="checkbox"/> Pedirka Basin             | <input type="checkbox"/> Wiso Basin            |
| Other structural units                    |                                                  |                                                    |                                                |

| Stratigraphic Names |  |  |  |
|---------------------|--|--|--|
| Roper Group         |  |  |  |

| AMF Thesaurus Terms – General                  |                                                         |                                             |                                             |
|------------------------------------------------|---------------------------------------------------------|---------------------------------------------|---------------------------------------------|
| <input type="checkbox"/> Geological Mapping    | <input checked="" type="checkbox"/> Regional Geology    | <input type="checkbox"/> Stratigraphy       | <input type="checkbox"/> Structural Geology |
| <input type="checkbox"/> Metallogenesis        | <input type="checkbox"/> Remote sensing                 | <input type="checkbox"/> Imagery            | <input type="checkbox"/> Landsat            |
| <input type="checkbox"/> Petrology             | <input type="checkbox"/> Lithology                      | <input type="checkbox"/> Literature reviews | <input type="checkbox"/> Metamorphism       |
| <input checked="" type="checkbox"/> Lineaments | <input type="checkbox"/> Photogeology                   | <input type="checkbox"/> Reconnaissance     | <input type="checkbox"/> Indicator minerals |
| Other terms....                                | <input checked="" type="checkbox"/> Digital data review |                                             |                                             |

| AMF Thesaurus Terms – Target Minerals |                                  |                                                  |                                              |
|---------------------------------------|----------------------------------|--------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Gold         | <input type="checkbox"/> Silver  | <input type="checkbox"/> Tin                     | <input checked="" type="checkbox"/> Diamonds |
| <input type="checkbox"/> Lead         | <input type="checkbox"/> Copper  | <input type="checkbox"/> Platinum Group Minerals | <input type="checkbox"/> Industrial Minerals |
| <input type="checkbox"/> Zinc         | <input type="checkbox"/> Uranium | <input type="checkbox"/> Bauxite                 |                                              |
| Others....                            |                                  |                                                  |                                              |

| AMF Thesaurus Terms – Mining                          |                                              |                                            |                                         |
|-------------------------------------------------------|----------------------------------------------|--------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Environmental impact surveys | <input type="checkbox"/> Feasibility studies | <input type="checkbox"/> Geostatistics     | <input type="checkbox"/> Metallurgy     |
| <input type="checkbox"/> Ore reserves                 | <input type="checkbox"/> Resource assessment | <input type="checkbox"/> Mineral resources | <input type="checkbox"/> Mining geology |
| <input type="checkbox"/> Mine design                  | <input type="checkbox"/> Mine drainage       | <input type="checkbox"/> Mine evaluation   | <input type="checkbox"/> Pits           |
| <b>Other terms....</b>                                |                                              |                                            |                                         |

| AMF Thesaurus Terms – Geophysical Surveys        |                                                       |                                                     |                                              |
|--------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Aerial magnetic surveys | <input type="checkbox"/> Aerial radioactivity surveys | <input type="checkbox"/> Aerial EM surveys          | <input type="checkbox"/> Ground EM surveys   |
| <input type="checkbox"/> Gravity surveys         | <input type="checkbox"/> Geophysical anomalies        | <input type="checkbox"/> Gravity anomalies          | <input type="checkbox"/> Bouger anomaly maps |
| <input type="checkbox"/> Sirotem surveys         | <input type="checkbox"/> Ground magnetic surveys      | <input type="checkbox"/> IP surveys                 | <input type="checkbox"/> Resistivity surveys |
| <input type="checkbox"/> Seismic surveys         | <input type="checkbox"/> Magnetic anomalies           | <input type="checkbox"/> Geophysical interpretation | <input type="checkbox"/> Geophysical logs    |
| <b>Other terms.....</b>                          |                                                       |                                                     |                                              |

| AMF Thesaurus Terms – Geochemical Exploration – Surface Sampling |                                                   |                                                |                                               |
|------------------------------------------------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Geochemical sampling                    | <input type="checkbox"/> Stream sediment sampling | <input type="checkbox"/> Rock chip sampling    | <input type="checkbox"/> Bulk sampling        |
| <input type="checkbox"/> Soil sampling                           | <input type="checkbox"/> Heavy mineral sampling   | <input type="checkbox"/> Geochemical anomalies | <input type="checkbox"/> Assaying             |
| <input type="checkbox"/> Isotope geochemistry                    | <input type="checkbox"/> Whole rock analysis      | <input type="checkbox"/> Xray diffraction      | <input type="checkbox"/> Sample location maps |
| <b>Other terms.....</b>                                          |                                                   |                                                |                                               |

| AMF Thesaurus Terms – Geochemical Exploration – Drill Sampling |                                          |                                              |                                              |
|----------------------------------------------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Diamond drilling                      | <input type="checkbox"/> RAB drilling    | <input type="checkbox"/> Percussion drilling | <input type="checkbox"/> Air drilling        |
| <input type="checkbox"/> RC drilling                           | <input type="checkbox"/> Rotary drilling | <input type="checkbox"/> Vacuum drilling     | <input type="checkbox"/> Auger drilling      |
| <input type="checkbox"/> Drill core                            | <input type="checkbox"/> Drill cuttings  | <input type="checkbox"/> Drill hole logs     | <input type="checkbox"/> Drill core analysis |
| <b>Other terms.....</b>                                        |                                          |                                              |                                              |

| Drilling Type    | No. of Holes | Hole Name(s) |
|------------------|--------------|--------------|
| Diamond          |              |              |
| Percussion       |              |              |
| Vacuum           |              |              |
| RAB              |              |              |
| Auger            |              |              |
| Air              |              |              |
| RC               |              |              |
| Rotary           |              |              |
| <b>Other....</b> |              |              |

| Mine/Deposit/Prospects | Location – AMG | Location - Datum |
|------------------------|----------------|------------------|
| Mines                  |                |                  |
|                        |                |                  |
| Deposits               |                |                  |
|                        |                |                  |
| Prospects              |                |                  |
|                        |                |                  |
| <b>Other...</b>        |                |                  |
|                        |                |                  |