



Rio Tinto Exploration Pty. Limited

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A member of the Rio Tinto Group

Combined Annual Report for the Period Ending 2 September 2002 EL9976, EL22167, and EL22168 Wonarah Alroy SE53-15, Ranken SE53-16, Frew River SF53-03, Avon Downs SE53-04 Northern Territory

Exploration Report No. 25490

Tenement Holder:	Rio Tinto Exploration Pty Limited Australian Kimberly Diamonds
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SUMMARY OF ACTIVITES**PROJECT:** Wonarah**TENEMENT:** EL9976, EL22167, and EL22168**MAP SHEETS:** Alroy SE53-15, Ranken SE53-16, Frew River SF53-03, Avon Downs SE53-04**MINERAL FIELD:** NA**COMMODITY:** Phosphate**REPORT PERIOD:** 03/09/01 - 02/09/02**WORK UNDETAKEN:**

Exploration Activity	Details	Key Result
Prospecting	Sampling at Arruwurra in southwest of tenement area	Identified outcropping phosphorite
Petrology	Petrology conducted on phosphorite from Arruwurra and from Wonarah core	Identification of pelletal material and supergene alteration
Resource modelling	Inferred Resource update with inclusion of 2001 drilling data	Inferred resource reduced to 72 Mt at 23% P ₂ O ₅ (15% P ₂ O ₅ COG).
Economic studies		Wonarah Deposit is NPV negative

VERIFICATION LISTING

Exploration Work Type	File Name	Format
Office Studies	Summary of Composites.pdf	.pdf
Literature search		
Database compilation		
Computer modelling	M2528ASM01.pdf	.pdf
Reprocessing of data		
General research		
Report preparation	25490 Wonarah.pdf	.pdf
Other (specify)	WAp45260.pdf (Tenement Location Plan) 25462 Wonarah EMP (Environmental Management Plan; Appendices) 25495 Wonarah RR (Rehabilitation Report)	.pdf .pdf .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	WAp45261.pdf WAp45234.pdf	.pdf .pdf
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	WON_WASG2_ASS2002A.txt	WASG2
Rock chip	WON_WASG2_ASS2002A.txt	WASG2
Regolith		
Water		
Biogeochemistry		
Isotope		
Whole rock		
Mineral analysis		
Other (specify)	DPO200867.pdf (Petrology)	.pdf
Drilling		
Aircore		
Auger		
Diamond		
Reverse circulation		
Rotary air blast		
Rotary percussion		
Tungsten carbide bit (coring)		
Groundwater drilling		
All drilling		
File Verification Listing (this table)	25490 Wonarah V.pdf	pdf