

EL25/2004 ALBERTON

TASMANIA

ANNUAL TECHNICAL REPORT

OCTOBER 8TH 2008 – OCTOBER 7TH 2009

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Geological, Educational & Mining Services Pty Ltd

REPORT No: EL252004_ATR_OCT_09

REPORT DATE: 08/10/2009

LICENSEE: **Low Impact Diamond Drilling Specialists Pty Ltd**

ABN: 26 079 634 692

FILE: *EL252004_ATR_OCT_09*
LIDDS Pty Ltd: 44 Mace Street, Burnie, Tasmania 7320

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VERIFICATION LISTING

Exploration Work	File_name	Type	Format	Description
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Office Studies

Report	EL252004_200910_01_report	pdf		Report Body
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Drilling

Drilling_All	EL252004_200910_02_dhlocation	txt		Drill hole collar locations
Drilling_All	EL252004_200910_03_dhassay	txt		Drill hole assay data
Drilling_All	EL252004_200910_04_dhsurvey	txt		Down hole survey
Drilling_All	EL252004_200910_05_lithology	txt		Drill hole lithology
Drilling_All	EL252004_200910_06_lithcode	txt		Lithology Codes
Drilling_All	EL252004_200910_07_standards	txt		Assay standards data
Report	EL252004_200910_02_appendix1	pdf		Drill hole collar locations
Report	EL252004_200910_03_appendix2	pdf		Drill hole assay data
Report	EL252004_200910_04_appendix3	pdf		Down hole survey
Report	EL252004_200910_05_appendix4	pdf		Drill hole lithology
Report	EL252004_200910_06_appendix5	pdf		Lithology Codes
Report	EL252004_200910_07_appendix6	pdf		Assay standards data

TENEMENT DETAILS

LICENSEE: **Low Impact Diamond Drilling Specialists Pty Ltd**
Grant date 1: 08/10/2004

ABN: 26 079 634 692

ABSTRACT

Exploration Licence 25/2004 comprises 12 square kilometres at Alberton was granted on 8th October 2004 to Low Impact Diamond Drilling Specialists Pty Ltd (LIDDS).

Previously drilled holes were logged and assayed.

During 2008 – 2009 an ongoing review of all previous exploration was undertaken in light of the newly proposed geological model for the main Ringarooma United Mine and other nearby occurrences. Site surveys were undertaken to allow for future exploration drilling.

Additional modelling was subsequently undertaken with reference to the structural relationship between the Ringarooma United Mine – Thomas - Hannah workings.

A work plan has been prepared that will allow for additional drill pads that will allow further drilling to be undertaken to confirm the veracity of the new model.

KEY WORDS

Location Name:	Alberton, Ringarooma
Earth Science Related Terms:	Sinstral fault, dextral fault, pre-mineralisation shear, post mineralisation shear, brittle offset.
Environment of Mineralisation:	shear hosted mineralisation, brittle host, quartz vein stockwork.
Commodities:	gold, silver
Exploration Methods:	Historical research, 3D geological modelling, drill testing based on model, rock chip sampling/field mapping, underground mapping.
Mine / prospect name:	Ringarooma United, Gumsucker, Thomas, Hannah, Rosalyn, Strachan Reef, Roaring Meg Reef, Mercury Mine, Victoria Reef, Long Struggle Reef, Short Struggle Reef, Caxton Reef, Scotchman Reef, Montana Reef.
Stratigraphic Name:	Mathinna Supergroup.
Geological province name:	Lachlan Fold Belt.
Geological age:	Devonian

1.0 Introduction.

Exploration Licence EL 25/2004 comprising 12 square kilometres at Alberton was granted on 8th October 2004 to Low Impact Diamond Drilling Specialists (LIDDS) Pty Ltd.

The area explored to-date has focussed primarily on the Ringarooma United Mine, the major producer on the Alberton Goldfield.

During the reporting period October 8, 2008 to October 7, 2009 an ongoing review of exploration was undertaken with the structural model revised over the preceding year. Outstanding assays results from RUL06 – RUL07 were received and incorporated into the database.

Additional data collected during site visits in January and July 2009 incorporated into a structural model based around the main Ringarooma United Mine and the Hannah and Thomas workings located parallel to but directly south.

2.0 Exploration Objectives.

The philosophy and objectives of the Exploration undertaken by LIDDS is directed to the definition of a significant hard rock gold resource that would be amenable to economic extraction.

Primary exploration has focussed on testing the down dip extensions of known mineralised structures associated with the Ringarooma United Mine.

However as a result of revised structural modelling additional exploration targets both near the Ringarooma United and within the Alberton Goldfields have still to be prioritised in regards to future exploration.

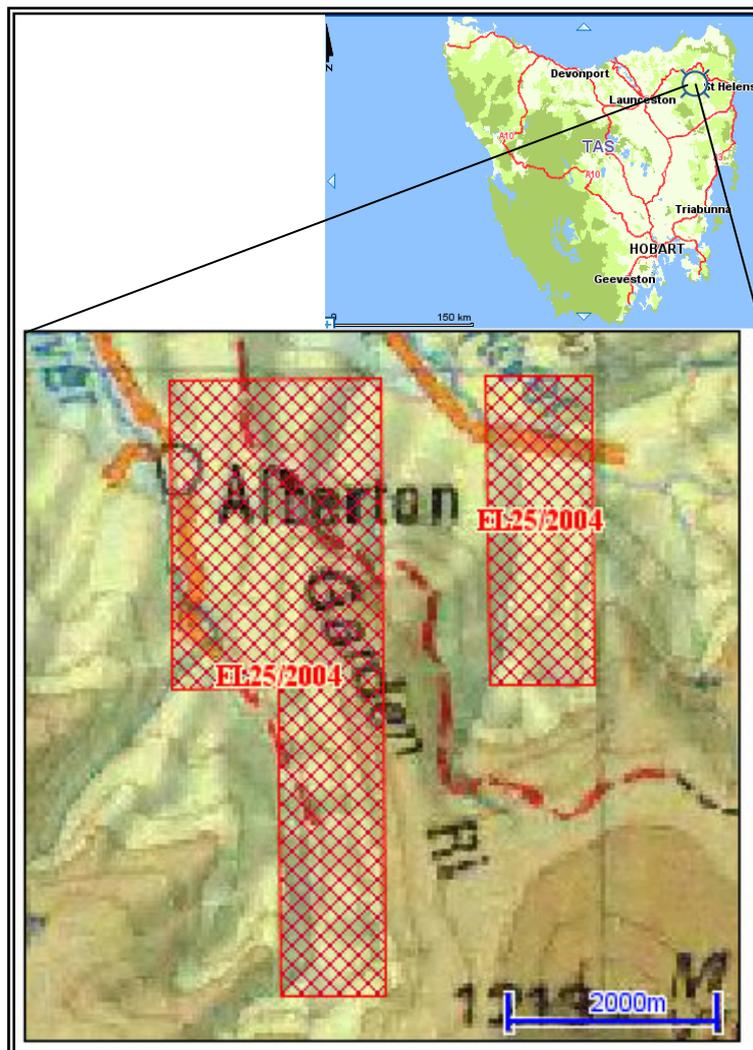
3.0 Location and Access.

Exploration Licence EL25/2004 is located near the rural township of Alberton, situated in the north-eastern region of Tasmania.

The licence is situated within both rural and state forest areas and is serviced by a network of sealed and all weather roads and fire trails.

Topographic relief varies from gently undulating pasture areas to steep hills and ridges with deeply incised valleys developed in the central area of the licence. Vegetation in non-farming areas is dominated by wet-scherophyll forest.

Figure 1. Exploration Licence 25/2004



4.0 Regional Geology.

The regional geology of EL 25/2004 has been previously described by MRT geologists and summarised on the 1:50,000 Alberton geological map. Recent publications specific to the economic geology of the area are provided by Taheri (1992 and 1993), Keele et.al (1994) and Reed, (2004) as part of the Netgold project. The following is gleaned from this work.

The exploration Licence is located within the 70 kilometres long, 2 kilometre wide north westerly trending Mangana to Lyndhurst gold lineament. Gold mineralisation contained within the lineament is hosted by the Silurian to Devonian Mathinna Beds. The Mathinna Beds comprise an alternating sequence of bedded quartzites, sandstones, siltstones and slates. The quartzites have a lithic component and display graded structures locally. The Mathinna Beds are unconformably overlain by probable Carboniferous and Permo-Triassic sedimentary sequences of the Parmeener Supergroup.

Granites and granodiorite of Devonian age have intruded the Mathinna Beds. Sporadic tin and tungsten mineralisation is associated with granitic intrusion.

Regionally the Mathinna Beds are folded about northwest trending axes to from small scale and kilometre scale wavelength tight to moderate folds. Axial plane cleavage development takes the form of a slaty cleavage in the pelitic units. A subsequent deformation has produced regional mega kinking about steep, northeast trending kink planes, and numerous steep dipping bands with both sinistral and dextral geometry.

The age of the gold mineralisation is uncertain; however it is probable that gold mineralisation was concurrent with folding and cleavage development prior to emplacement of the Devonian granites.

5.0 Previous Work.

Auriferous quartz vein hosted mineralisation was discovered in the Alberton goldfield prior to 1883. Over one hundred gold bearing lodes were subsequently discovered and mined between 1883 and 1939.

Recent exploration of the Ringarooma United Mine was first undertaken by Newcrest Mining Limited under EL23/92. An Exploration program in 1992-1993, part of work on a larger tenement, included 1:25,000 scale geological mapping, image processing and interpretation of aeromagnetic data, drainage sampling and detailed geochemical sampling.

The tenement was explored by Mancala Pty Ltd under a joint venture arrangement in 1993-1994. Mancala Pty Ltd re-established access to the Long Tunnel and completed 255 metres of drilling from underground sites with poor results.

During 2000 – 2001 (Denwar, 2001) two diamond drill holes (RUL01 and RUL03) totalling 433.6 metres were completed by Low Impact Diamond Drilling Specialists (LIDDS) in a joint venture agreement with Hercules Resources Pty Ltd (Mancala Pty Ltd had changed its name to Hercules Resources in 1998). A 0.8 metre interval in hole RUL01 assayed 85.9 grams per tonne gold with coarse visible gold. A 0.4 metre interval in hole RUL03 resulted in an assay of 14.8 g/t gold from a different structure.

During 2004 – 2005 (Carswell, 2005) a further hole was completed (RUL02) for 223.7 metres without any significant mineralisation being encountered.

During 2005 – 2007 (de Vries, 2008) several additional diamond holes (RUL03 – RUL07) were drilled with little or no geological input. Drilling occurred in two campaigns with two holes (RUL04 & RUL05) drilled between 10th October and 11th November 2006 for a combined total of 388.20 metres and two holes (RUL06 and RUL07) completed between 9th June and 25th July 2007 for a combined total of 318.5 metres.

Total drilling for the period 2006 – 2007 was 706.70 metres.

During 2007 – 2008 (de Vries, 2008) a completed literature and data review was undertaken.

This review proposed a new structural model for the Ringarooma United with the main mine structure has a steep easterly dip component of around 75 – 85°. The mineralised structure is off set by oblique (NNW – SSE) sinistral, steeply south-west dipping fault zones. The presence of these fault zones; which range up to 5 metres in width has produced the perception that the mine has steeply plunging southerly ore shoots, where in fact that shoots represent the in-between fault sections of the main mine lode or reef.

In order to test the new model three diamond drill holes (RUL08 – 10) were drilled with RUL09 terminated at 20 metres when an unacceptable azimuth was determined by down-hole survey. The two remaining holes both intersected anomalous auriferous structures extremely close to where modelling predicted. These results give credence that the new structural model is in fact valid.

The remodelling with the new structural controls indicated that most of the previous work by explorers on the field was fundamentally flawed. The failure to allow for the 'fault windows' developed between the off-sets of the lode resulted in several drill holes passing through these windows and subsequently missing intersecting any mineralisation. Most of the other deeper drill holes had in hindsight not been drilled deep enough to intersect the easterly dipping structure.

Total drilling for the period 2007 – 2008 was 384.0 metres.

6.0 Exploration Completed During the Reporting Period

6.1 Work Completed

Review of model has indicated that existing drill pads are not optimal for the testing of the Ringarooma United, Thomas or Hannah structures.

Field surveys were undertaken in July 2009 to determine the location of better potential drill pads. These pads are proposed in light of the new structural model to allow for drilling to be undertaken as much as possible, parallel to the cross faults thereby minimising the possibility of drilling through ‘fault windows’.

Additional underground inspection of the Roslind (Rosilyn) adit was undertaken in both January and July to determine the nature of the blockage of the main drive.

A Work Plan proposal was completed and submitted to MRT for review in September; however as of the end of the reporting period no decision had been received.

Minor site remediation in the form of the removal of several hundred metres of poly pipe water line was undertaken.

6.2 Data Compilation and Results.

Assay data from holes (RUL06 & RUL07) drilled during May and June 2007 were submitted and received (Table 1). The results indicated broad zones of low grade gold mineralisation one of which is associated with a small parallel structure

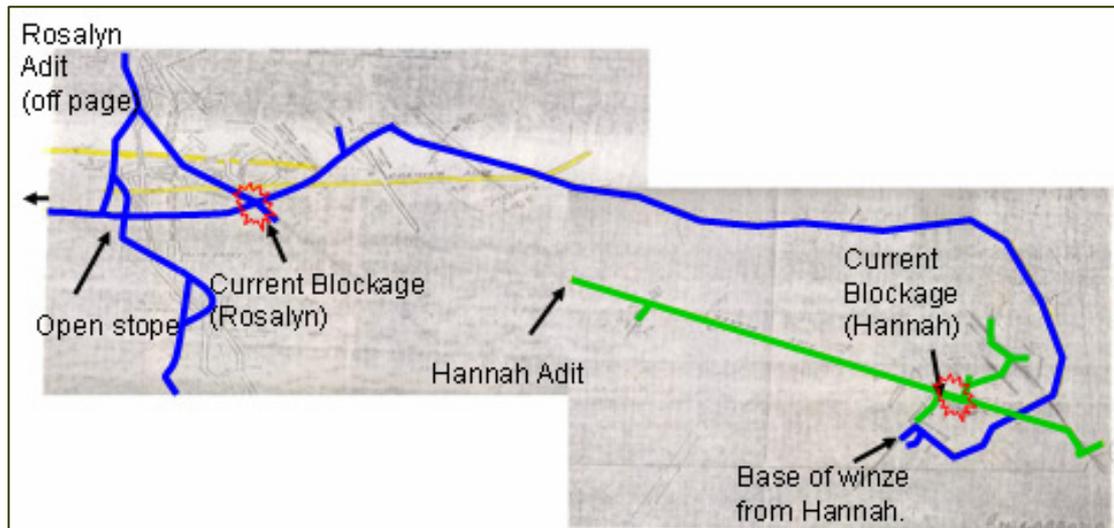
Table 1. Significant Assay Results – Diamond Drilling 2007 - 2008

HOLE ID	FROM (m)	To (m)	INTERVAL (m)	AU (g/t)	AG (g/t)	AS (ppm)	COMMENT
RUL06	182.6	194.75	4.15	0.63	1.0	12,501	Lode
RUL07	42.9	44.75	3.60	0.51	0.51	1,178	Fault Zone

As a result of the historic documentation review undertaken last year an inspection was undertaken in July 2009 to test the veracity of supposed development dating back to 1923 (Anon. 1923) that extended the Rosalind Adit some 178 metres to the

west cross cutting the Thomas lode and extending across to the Hannah Lode. This development is in place some 45 vertical metres below the Hannah Adit and some 57 metres above the Long Tunnel Adit (Figure 2). Unfortunately access was unable to be gained passes collapsed stoping associated with one of the historically mined structures.

Figure 2. Composite Plan (1923) showing Rosalyn & Hannah Workings.



A surface tape-and-compass survey was undertaken linking the Hannah and Thomas workings during July 2009 to bring these workings into the previously established survey control points. The survey was done as a precursor to submission of a Work Plan to establish drill pads at geologically appropriate locations to test mineralisation on the Ringarooma, Thomas and Hannah lodes.

7.0 Discussion and Conclusions.

Ongoing detailed and systematic review and modelling of available data during the period has continued to lead to significant advances in the structural understanding of the geometry of mineralisation at the Alberton Project.

The understanding of the structural controls on the mineralisation at the Ringarooma, Thomas and Hannah mines has now to be tested by a series of correctly positioned drill holes. A work plan and application for licence extension have been lodged with the Mineral Resources Tasmania.

8.0 Expenditure 2008 – 2009

Geoscientific Costs

- Geology \$9,800
- Geochemistry \$3,620
- Geophysics -
- Remote Sensing -

Drilling & Gridding Costs

- Gridding -
- Drilling -

Land Access Costs -

Rehabilitation Costs \$700

Feasibility Study Costs -

Other Items \$1,245

Administration Costs \$1,020

Total Costs \$17,285

9.0 References

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- Carswell, J.T., 2005.** EL25/2004 Alberton. Annual Report 2005 - 2005 *Unpublished report for Low Impact Diamond Drilling Specialists*
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- Taheri, J., 1992.** Northeast Goldfields: A summary of the Tower Hill, Mathinna and Dans Rivulet Goldfields. *Report 1992/10, Mineral Resources Tasmania*
- Taheri, J., 1993.** Northeast Goldfields: A summary of the Alberton Goldfield. *Report 1993/34, Mineral Resources Tasmania.*

APPENDICIES

APPENDIX 1

Surface Location (SL1)

H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 12/10/2009
H0004 Reporting period end_date 7/10/2009
H0005 State Tasmania
H0100 Tenement_name EL25_2004
H0101 Tenement_holder Low Impact Diamond Drilling Specialists Pty Ltd
H0102 Project_name Alberton
H0103 Map_sheet_number_250K NORTH EAST
H0113 Map_sheet_number_100K 5643; RINGAROOMA
H0123 Map_sheet_number_25K 5642; ALBERTON
H0200 Start_of_data_acquisiton 8/10/2008
H0201 End_of_data_acquisiton 7/10/2009
H0202 Data_format SG1
H0203 Number_of_data_records 15
H0204 Date_of_metadata_update 12/10/2009
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H0301 downhole_survey_data_file EL252004_200910_04_dhsurvey.txt
H0302 location_data_file EL252004_200910_02_dhlocation.txt
H0303 assay_data_file EL252004_200910_03_dhassay.txt
H0304 rock_description_file EL252004_200910_05_lithology.txt
H0305 lithology_code_file EL252004_200910_06_lithcode.txt
H0400 Drilling_code Contractor
H0401 DD Diamond Bit - Coring Low Impact Diamond Drilling Specialists Pty Ltd
H0500 Surveyed_feature drill hole collars
H0501 Geodetic_datum GDA94
H0502 Vertical_datum AHD
H0503 Projection Universal Transverse Mercator (UTM)
H0504 Coordinate_system Grid (MGA)
H0505 Projection_zone 55
H0506 Surveying_instrument GPS - Magellan (Accuracy 10 m)
H0507 Surveying_company Low Impact Diamond Drilling Specialists Pty Ltd
H0900 Remarks Total Station GDA94 AMG Zone 55 Survey
H1000 Project Prospect Hole_id GDA_E GDA_N AHD_RL_
LENGTH Drilltype Line Start_Date End_Date Hole_Size
Coll_Surv Drill_Company Lab
H1001 metres metres metres metres
H1004

D	Project Prospect	Hole-ID	LocationX_GDA_94	LocationY_GDA_94	LocationZ_GDA_94	Length	DrillType	Line	Start_Date	End_Date	Hole_Size	Coll_Surv	Drill_Company Lab
D	ALBERTON	Ringarooma United	RU1	" 5,428,121.7 "	" 566,850.7 "								
		362.80 46.50 UG_DDH	RING_UNTD	?	?	LTK40 (?)	N						
		Low Impact Diamond Drilling Specialists Pty Ltd											
D	ALBERTON	Ringarooma United	RU2	" 5,428,121.7 "	" 566,850.7 "								
		362.80 52.50 UG_DDH	RING_UNTD	?	?	LTK40 (?)	N						
		Low Impact Diamond Drilling Specialists Pty Ltd											
D	ALBERTON	Ringarooma United	RU3	" 5,428,118.0 "	" 566,856.0 "								
		362.80 50.50 UG_DDH	RING_UNTD	?	?	LTK40 (?)	N						
		Low Impact Diamond Drilling Specialists Pty Ltd											

D ALBERTON Ringarooma United RU4 " 5,428,118.0 " " 566,856.0 "
362.80 62.50 UG_DDH RING_UNTD ? ? LTK40 (?) N
Low Impact Diamond Drilling Specialists Pty Ltd ?

D ALBERTON Ringarooma United RU5 " 5,428,118.0 " " 566,856.0 "
362.80 43.00 UG_DDH RING_UNTD ? ? LTK40 (?) N
Low Impact Diamond Drilling Specialists Pty Ltd ?

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414.99 210.30 SURF_DDH RING_UNTD 1/10/2000 25/10/2000
NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

D ALBERTON Ringarooma United RUL02 " 5,428,107.0 " " 566,802.2 "
414.99 223.70 SURF_DDH RING_UNTD 6/06/2005 23/06/2005
NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

D ALBERTON Ringarooma United RUL03 " 5,428,107.0 " " 566,802.2 "
414.97 223.30 SURF_DDH RING_UNTD 2/09/2000 27/09/2000
NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

D ALBERTON Ringarooma United RUL04 " 5,428,141.4 " " 566,761.7 "
385.46 190.00 SURF_DDH RING_UNTD 10/10/2006 22/10/2006
NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

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395.48 198.20 SURF_DDH RING_UNTD 23/10/2006 11/11/2006
NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

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NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

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NTW Y Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

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Low Impact Diamond Drilling Specialists Pty Ltd Bernie Research Laboratory
Pty Ltd

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414.99 20.00 SURF_DDH RING_UNTD 26/04/2008 27/04/2008
NTW N Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd

D ALBERTON Ringarooma United RUL10 " 5,428,107.0 " " 566,802.4 "
414.99 200.00 SURF_DDH RING_UNTD 28/04/2008 NTW N
Low Impact Diamond Drilling Specialists Pty Ltd Bernie Research Laboratory
Pty Ltd

EOF

APPENDIX 2

Downhole Geochemistry (DG1)

FILE: *EL252004_ATR_OCT_09*
LIDDS Pty Ltd: 44 Mace Street, Burnie, Tasmania 7320

Downhole Geochemistry (DG1)

H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 12/10/2009
H0004 Reporting period end_date 7/10/2009
H0005 State Tasmania
H0100 Tenement_name EL25_2004
H0101 Tenement_holder Low Impact Diamond Drilling Specialists Pty Ltd
H0102 Project_name Alberton
H0103 Map_sheet_number 100K NORTH EAST
H0113 Map_sheet_number 50K 5643; RINGAROOMA
H0123 Map_sheet_number 25K 5642; ALBERTON
H0200 Start_date_of_data_acquisition 8/10/2008
H0201 End_date_of_data_acquisition 7/10/2009
H0202 Data_format SG1
H0203 Number_of_data_records 180
H0204 Date_of_metadata_update 12/10/2009
H0300 FileNames
H0301 assay_data_file EL252004_200910_03_dhassay.txt
H0600 Sample_Code Sample_Type Sample_Description
H0601 R Diamond Drill core "Core, Sample interval"
H0700 Sample_Processing_Code Sample_Processing_Details
H0701 FA25_AAS 12hr Dry @ 80C - Jaw Cruch to 80% <3mm - Total Pulv (LM5) to 90% <75um - 200g Split for assay
H0702 ScreenFire 12hr Dry @ 80C - Jaw Cruch to 80% <3mm - Total Pulv (LM5) to 90% <75um - 500g Split for assay
H0800 Assay_code Assay_Description Assay_company
H0801 FA25_AAS FA/AAS Fire Assay (25g)/flame Atomic Absorption Spectrometry
Bernie Research Laboratory Pty Ltd
H0802 ScreenFire Screen Fire Assay Bernie Research Laboratory Pty Ltd
H0804 AT/OES 4 Acid Digest in Teflon Tube / Inductively Coupled Plasma Optical
(Atomic) Emission Spectrometry Bernie Research Laboratory Pty Ltd
H0900 Remarks Down Hole Geochemistry
H1000 Project Prospect Hole-ID From To Sample Au_ppm
Au_ppm Au_Avg Ag_ppm As_ppm
H1001 AT/OES AT/OES Au_Rp1 (F650) FA25_AAS
H1002 metre metre ppm ppm ppm ppm
H1003 0.10 0.10 -0.99 0.01 0.01 1 50
D Project Prospect Hole-ID From To Sample Au_ppm
Au_ppm Au_ppm Ag_ppm As_ppm
D ALBERTON Ringarooma United RU4 56.4 57 73000 0.88
0.79
D ALBERTON Ringarooma United RU4 59.7 60.5 73006
1.1
D ALBERTON Ringarooma United RU4 60.5 61 73007 2.8
1.65
D ALBERTON Ringarooma United RU5 33 33.1 73014
0.075
D ALBERTON Ringarooma United RU5 37.4 37.7 73022
0.36
D ALBERTON Ringarooma United RU5 41.1 41.2 73028
0.28

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D	ALBERTON 1.21	Ringarooma United	RUL01 158.9	159.6	100703 1.24	1.28
D	ALBERTON 1.2	Ringarooma United	RUL01 159.6	160.6	100704 1.25	1.38
D	ALBERTON 1.2	Ringarooma United	RUL01 160.6	161.6	100705 1.32	1.17
D	ALBERTON 0.09	Ringarooma United	RUL01 177	178	100706	
D	ALBERTON 0.02	Ringarooma United	RUL01 178	179	100707	
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D	ALBERTON 1.07	Ringarooma United	RUL01 161.6	162.6	100725	
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D	ALBERTON -0.01 NE	Ringarooma United	RUL02 64.7	64.8	49171
D	ALBERTON 0.01 NE	Ringarooma United	RUL02 65.3	65.45	49172
D	ALBERTON 0.021 NE	Ringarooma United	RUL02 68.7	68.8	49173
D	ALBERTON -0.01 NE	Ringarooma United	RUL02 84.7	84.8	49174
D	ALBERTON -0.01 NE	Ringarooma United	RUL02 99.8	99.9	49175
D	ALBERTON 0.01 NE	Ringarooma United	RUL02 117.2	117.3	49176
D	ALBERTON 0.063 NE	Ringarooma United	RUL02 0	0.1	49177
D	ALBERTON 0.069 NE	Ringarooma United	RUL02 0	0.1	49178
D	ALBERTON 0.028 NE	Ringarooma United	RUL02 0	0.1	49179
D	ALBERTON -0.01 NE	Ringarooma United	RUL02 0	0.1	49180
D	ALBERTON 0.21	Ringarooma United	RUL03 40	41.3	100727
D	ALBERTON 0.81	Ringarooma United	RUL03 41.3	42.3	100728
D	ALBERTON 1.33	Ringarooma United	RUL03 42.3	43.3	100729
D	ALBERTON 0.92	Ringarooma United	RUL03 43.3	44.3	100730
D	ALBERTON 1.05	Ringarooma United	RUL03 44.3	45.3	100731
D	ALBERTON 0.67	Ringarooma United	RUL03 45.3	46.3	100732
D	ALBERTON 15.1	Ringarooma United	RUL03 51.4	51.8	100734 15.6
D	ALBERTON 0.03	Ringarooma United	RUL03 78.5	79.5	100735
D	ALBERTON 0.12	Ringarooma United	RUL03 121.4	121.9	100736
D	ALBERTON 0.03	Ringarooma United	RUL04 16.5	17.2	RUL4-1
D	ALBERTON 0.16	Ringarooma United	RUL04 72.9	73.7	RUL4-2
D	ALBERTON -0.01	Ringarooma United	RUL04 151.8	152.4	RUL4-3
D	ALBERTON 0.02	Ringarooma United	RUL04 155.4	156.1	RUL4-4
D	ALBERTON -0.01	Ringarooma United	RUL04 178.5	178.8	RUL4-5
D	ALBERTON -0.01	Ringarooma United	RUL04		RUL4-6

D	ALBERTON -0.01	Ringarooma United	RUL05 27.6	28.35	RUL5-1
D	ALBERTON 0.03	Ringarooma United	RUL05 30.1	30.3	RUL5-2
D	ALBERTON 0.03	Ringarooma United	RUL05 57	57.3	RUL5-3
D	ALBERTON 0.02	Ringarooma United	RUL05 110	110.3	RUL5-4
D	ALBERTON 0.27	Ringarooma United	RUL05 188	188.3	RUL5-5
D	ALBERTON 0.15	Ringarooma United	RUL05 191.3	191.6	RUL5-6
D	ALBERTON 0.02	Ringarooma United	RUL05 194.4	194.8	RUL5-7
D	ALBERTON 0.11 1	Ringarooma United 1864	RUL06 15.35	16	303001
D	ALBERTON 0.11 <1	Ringarooma United 1547	RUL06 16	16.8	303002
D	ALBERTON 0.06 <1	Ringarooma United 688	RUL06 16.8	17.6	303003
D	ALBERTON 0.03 <1	Ringarooma United 313	RUL06 17.6	18.4	303004
D	ALBERTON 0.1 1	Ringarooma United 1248	RUL06 18.4	19.2	303005
D	ALBERTON 0.05 1	Ringarooma United 650	RUL06 19.2	19.8	303006
D	ALBERTON -0.01 <1	Ringarooma United 14	RUL06 37.3	38.1	303007
D	ALBERTON -0.01 <1	Ringarooma United 40	RUL06 38.1	39	303008
D	ALBERTON 0.05 <1	Ringarooma United 67	RUL06 61.6	62.5	303009
D	ALBERTON -0.01 <1	Ringarooma United	RUL06 65.9	66.6	303010
D	ALBERTON 0.03 <1	Ringarooma United 53	RUL06 66.6	67.25	303011
D	ALBERTON 0.35 <1	Ringarooma United 412	RUL06 69.8	70.7	303012
D	ALBERTON -0.01 1	Ringarooma United 15	RUL06 87.2	88.15	303014
D	ALBERTON -0.01 1	Ringarooma United 58	RUL06 88.15	89.1	303015
D	ALBERTON -0.01 1	Ringarooma United 32	RUL06 89.1	90	303016
D	ALBERTON 0.26 1	Ringarooma United 195	RUL06 90	90.9	303017
D	ALBERTON 0.02 1	Ringarooma United 157	RUL06 90.9	92.1	303018
D	ALBERTON 0.02 1	Ringarooma United 16	RUL06 92.1	93	303019
D	ALBERTON 0.03 1	Ringarooma United 65	RUL06 93	93.9	303020
D	ALBERTON 0.02 <1	Ringarooma United 51	RUL06 93.9	94.8	303021

D	ALBERTON 0.07 1	Ringarooma United 88	RUL06 94.8	95.7	303022
D	ALBERTON -0.01 <1	Ringarooma United 83	RUL06 105.1	106	303023
D	ALBERTON -0.01 1	Ringarooma United	RUL06 106	106.9	303024
D	ALBERTON -0.01 <1	Ringarooma United 21	RUL06 106.9	107.8	303025
D	ALBERTON -0.01 <1	Ringarooma United 101	RUL06 121.25	122.25	303026
D	ALBERTON -0.01 1	Ringarooma United 80	RUL06 123.75	124.6	303027
D	ALBERTON -0.01 1	Ringarooma United 146	RUL06 124.6	125.45	303028
D	ALBERTON 0.02 1	Ringarooma United 306	RUL06 127.5	128.2	303029
D	ALBERTON 0.11 1	Ringarooma United 3221	RUL06 130.65	131.2	303030
D	ALBERTON -0.01 <1	Ringarooma United 188	RUL06 139	139.4	303031
D	ALBERTON 0.09 <1	Ringarooma United 2256	RUL06 139.4	139.75	303032
D	ALBERTON -0.01 <1	Ringarooma United 208	RUL06 139.75	140.5	303033
D	ALBERTON 0.04 <1	Ringarooma United 193	RUL06 140.5	141.4	303034
D	ALBERTON 0.1 1	Ringarooma United 226	RUL06 141.4	142.3	303035
D	ALBERTON 0.04 1	Ringarooma United 91	RUL06 142.3	143.2	303036
D	ALBERTON -0.01 <1	Ringarooma United 59	RUL06 143.2	144.1	303037
D	ALBERTON 0.11 1	Ringarooma United 158	RUL06 144.1	145	303038
D	ALBERTON 0.02 1	Ringarooma United 199	RUL06 145	145.9	303039
D	ALBERTON -0.01 1	Ringarooma United 39	RUL06 145.9	146.8	303040
D	ALBERTON -0.01 <1	Ringarooma United 138	RUL06 146.8	147.3	303041
D	ALBERTON 0.06 1	Ringarooma United 264	RUL06 147.3	148.2	303042
D	ALBERTON 0.17 <1	Ringarooma United 160	RUL06 148.2	149	303043
D	ALBERTON 0.09 1	Ringarooma United 243	RUL06 149	149.9	303044
D	ALBERTON 0.03 <1	Ringarooma United 256	RUL06 149.9	150.8	303045
D	ALBERTON 0.05 <1	Ringarooma United 270	RUL06 150.8	151.7	303046
D	ALBERTON 0.15 <1	Ringarooma United 504	RUL06 151.7	152.5	303047
D	ALBERTON 0.04 <1	Ringarooma United 483	RUL06 152.5	153.4	303048

D	ALBERTON 0.09 1	Ringarooma United 691	RUL06 153.4	154	303049
D	ALBERTON 0.14 <1	Ringarooma United 466	RUL06 154	154.7	303050
D	ALBERTON 0.05 1	Ringarooma United 264	RUL06 154.7	155.4	303051
D	ALBERTON 0.05 1	Ringarooma United 102	RUL06 155.4	156.3	303052
D	ALBERTON -0.01 <1	Ringarooma United	RUL06 166	166.8	303054
D	ALBERTON -0.01 <1	Ringarooma United 10	RUL06 166.8	167.5	303055
D	ALBERTON -0.01 1	Ringarooma United 370	RUL06 175.5	176.1	303056
D	ALBERTON -0.01 <1	Ringarooma United 60	RUL06 176.1	177	303057
D	ALBERTON -0.01 <1	Ringarooma United 92	RUL06 177	177.8	303058
D	ALBERTON 0.17 1	Ringarooma United 800	RUL06 182.6	183.3	303060
D	ALBERTON 0.62 1	Ringarooma United 4975	RUL06 186.2	186.9	303061
D	ALBERTON 0.97 1	Ringarooma United 2106	RUL06 186.9	187.8	303062
D	ALBERTON 0.72 1	Ringarooma United 1987	RUL06 187.8	188.7	303063
D	ALBERTON 0.56 1	Ringarooma United 2794	RUL06 193.8	194.75	303064
D	ALBERTON 0.24 1	Ringarooma United 1306	RUL06 194.75	195.7	303065
D	ALBERTON 0.1 <1	Ringarooma United 34	RUL06 195.7	196.3	303066
D	ALBERTON 0.41 <1	Ringarooma United 2042	RUL06 196.3	197	303067
D	ALBERTON 0.07 <1	Ringarooma United 157	RUL07 87.2	88.1	301901
D	ALBERTON 0.04 <1	Ringarooma United 150	RUL07 88.1	89	301902
D	ALBERTON 0.08 1	Ringarooma United 2053	RUL07 89	89.5	301903
D	ALBERTON -0.01 <1	Ringarooma United	RUL07 89.5	90	301904
D	ALBERTON -0.01 <1	Ringarooma United 30	RUL07 90	90.9	301905
D	ALBERTON 0.03 1	Ringarooma United 74	RUL07 90.9	91.8	301906
D	ALBERTON 0.07 <1	Ringarooma United 79	RUL07 91.8	92.7	301907
D	ALBERTON 0.02 <1	Ringarooma United	RUL07 92.7	93.6	301908
D	ALBERTON 0.02 <1	Ringarooma United	RUL07 93.6	94.5	301909
D	ALBERTON 0.03 <1	Ringarooma United 222	RUL07 96.4	97.3	301911

D	ALBERTON -0.01 1	Ringarooma United 82	RUL07 97.3	98.2	301912
D	ALBERTON -0.01 1	Ringarooma United 155	RUL07 117.3	118.2	301913
D	ALBERTON 0.03 <1	Ringarooma United 202	RUL07 118.2	119	301914
D	ALBERTON 0.14 <1	Ringarooma United 281	RUL07 119	119.6	301915
D	ALBERTON 0.12 <1	Ringarooma United 357	RUL07 121	121.5	301916
D	ALBERTON 0.02 <1	Ringarooma United 150	RUL07 121.5	122.4	301917
D	ALBERTON 0.04 <1	Ringarooma United	RUL07 122.4	124.7	301918
D	ALBERTON 0.33 <1	Ringarooma United 138	RUL07 0	1	303084
D	ALBERTON 0.07 <1	Ringarooma United 58	RUL07 1	2	303085
D	ALBERTON 0.07 <1	Ringarooma United 139	RUL07 2	3	303086
D	ALBERTON 0.14 1	Ringarooma United 1029	RUL07 34.75	35.15	303087
D	ALBERTON 0.03 <1	Ringarooma United 49	RUL07 35.15	36.1	303088
D	ALBERTON 0.59 <1	Ringarooma United 75	RUL07 42.9	43.25	303089
D	ALBERTON 1.45 1	Ringarooma United 2790	RUL07 43.25	44	303090
D	ALBERTON 0.7 1	Ringarooma United 2831	RUL07 44	44.75	303091
D	ALBERTON 0.03 <1	Ringarooma United 188	RUL07 44.75	45.5	303092
D	ALBERTON 0.02 1	Ringarooma United 89	RUL07 48.9	49.9	303094
D	ALBERTON 0.04 <1	Ringarooma United 64	RUL07 54.8	55.7	303095
D	ALBERTON 0.03 <1	Ringarooma United 79	RUL07 55.7	56.5	303096
D	ALBERTON 0.03 <1	Ringarooma United 82	RUL07 77.7	78.7	303097
D	ALBERTON 0.34 <1	Ringarooma United 106	RUL07 78.7	79.5	303098
D	ALBERTON 0.13 <1	Ringarooma United	RUL07 86	86.6	303099
D	ALBERTON -0.01 <1	Ringarooma United 123	RUL07 86.6	87.2	303100
D	ALBERTON 0.09 1	Ringarooma United 350	RUL08 91.3	91.8	303076
D	ALBERTON 3.88 1	Ringarooma United 12000	RUL08 91.8	92.6	303077
D	ALBERTON 97.2 3	Ringarooma United 3250	RUL08 92.6	93.3	303078
D	ALBERTON 0.08 1	Ringarooma United 100	RUL08 93.3	94.1	303079

D	ALBERTON	Ringarooma United	RUL08	146.2	146.7	303080
	0.06	1				
		550				
D	ALBERTON	Ringarooma United	RUL08	146.7	147.2	303081
	0.1	1				
		100				
D	ALBERTON	Ringarooma United	RUL08	147.2	147.5	303082
	0.01	1				
		100				
D	ALBERTON	Ringarooma United	RUL08	147.5	148	303083
	0.01	1				
		150				
D	ALBERTON	Ringarooma United	RUL09	0	20	
	0.01					
D	ALBERTON	Ringarooma United	RUL10	178.5	179	303071
	0.02	1				
		300				
D	ALBERTON	Ringarooma United	RUL10	179	179.5	303072
	2.97	4				
		9800				
D	ALBERTON	Ringarooma United	RUL10	179.5	179.9	303073
	3.65	1				
		11900				
D	ALBERTON	Ringarooma United	RUL10	179.9	180.5	303074
	5.11	1				
		12800				
D	ALBERTON	Ringarooma United	RUL10	180.5	181	303075
	0.02	1				
		200				
D	ALBERTON	Ringarooma United	RUL10	106.1	106.6	303068
	0.32	1				
		900				
D	ALBERTON	Ringarooma United	RUL10	106.6	107.5	303069
	5.28	57				
		2650				
D	ALBERTON	Ringarooma United	RUL10	107.5	108	303070
	0.61	1				
		1750				

EOF

APPENDIX 3

Drilling Results (DS1)

H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 12/10/2009
H0004 Reporting period end_date 7/10/2009
H0005 State Tasmania
H0100 Tenement_name EL25_2004
H0101 Tenement_holder Low Impact Diamond Drilling Specialists Pty Ltd
H0102 Project_name Alberton
H0113 Map_sheet_number 100K NORTH EAST
H0123 Map_sheet_number 25K 5643; RINGAROOMA
H0123 Map_sheet_number 25K 5642; ALBERTON
H0200 Start_date_of_data_acquisition 8/10/2008
H0201 End_date_of_data_acquisition 7/10/2009
H0202 Data_format SG1
H0203 Number_of_data_records 46
H0204 Date_of_metadata_update 12/10/2009
H0300 FileNames
H0301 downhole_survey_data_file EL252004_200910_04_dhsurvey.txt
H0502 Vertical_datum AHD
H0506 Surveying_instrument Down Hole Distance
H0507 Surveying_company
H0900 Remarks Single Shot Eastman Survey Camera
H1000 Project Prospect HOLE_ID Depth Azimuth_AMG Azimuth_Magnetic
Dip Instrument
H1001 metres degrees_decimal degrees_decimal
degrees_decimal
H1004 0.1 0.5 0.5 0.5
D Project Prospect Hole-ID Distance Azimuth
Azimuth_Mag Dip Instrument
D ALBERTON Ringarooma United RU1 46.5 117.5 132 -10
Eastman Single Shot
D ALBERTON Ringarooma United RU2 52.5 117.5 132 -15
Eastman Single Shot
D ALBERTON Ringarooma United RU3 50.5 107.5 122 -55
Eastman Single Shot
D ALBERTON Ringarooma United RU4 62.5 106 120.5 -40
Eastman Single Shot
D ALBERTON Ringarooma United RU5 43 77.5 92 -43
Eastman Single Shot
D ALBERTON Ringarooma United RUL01 60 100 114.5 -58
Eastman Single Shot
D ALBERTON Ringarooma United RUL01 120 93 107.5 -58
Eastman Single Shot
D ALBERTON Ringarooma United RUL01 210 102.5 117 -57
Eastman Single Shot
D ALBERTON Ringarooma United RUL02 20 110 124.5 -63
Eastman Single Shot
D ALBERTON Ringarooma United RUL02 50 110 124.5 -63
Eastman Single Shot
D ALBERTON Ringarooma United RUL02 80 109 123.5 -63
Eastman Single Shot

D	ALBERTON	Ringarooma United	RUL02 110	108	122.5	-63
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL02 140	108	122.5	-63
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL02 170	107.5	118	-63
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL02 222	109	123.5	-63
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL03 53	126	140.5	-54
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL03 100	121	135.5	-54
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL03 223	118	132.5	-53
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL04 51.5	98.5	113	-50.5
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL04 121	100	114.5	-46.5
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL04 190	100	114.5	-44.5
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL05 70	90	104.5	-48.75
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL05 128.2	90	104.5	-46
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL05 198.2	89	103.5	-41.5
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL06 33	111	125.5	-44
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL06 73	110	124.5	-46
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL06 103	108.5	123	-46.5
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL06 133	108.5	123	-47.7
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL06 163	108	122.5	-49
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL06 199	108.5	123	-50
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL07 40	120	134.5	-55
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL07 90	119.5	134	-55
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL07 119.5	120	134.5	-55
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL08 164	102	116.5	-45.5
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL08 140	103	117.5	-47
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL08 35	106	120.5	-47
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL08 50	106	120.5	-47
		Eastman Single Shot				
D	ALBERTON	Ringarooma United	RUL08 80	105	119.5	-47
		Eastman Single Shot				

D	ALBERTON	Ringarooma United	RUL08 110	104	118.5	-47
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL09 20	94	108.5	-52
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL10 128	100	114.5	-49.5
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL10 20	103	117.5	-51
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL10 59	101	115.5	-51
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL10 89	103	117.5	-51
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL10 158	100	114.5	-49
	Eastman Single Shot					
D	ALBERTON	Ringarooma United	RUL10 188	100	114.5	-48
	Eastman Single Shot					

EOF

APPENDIX 4

Lithological Logging (DL1)

H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 12/10/2009
H0004 Reporting period end_date 7/10/2009
H0005 State Tasmania
H0100 Tenement_name EL25_2004
H0101 Tenement_holder Low Impact Diamond Drilling Specialists Pty Ltd
H0102 Project_name Alberton
H0113 Map_sheet_number_250K NORTH EAST
H0123 Map_sheet_number_100K 5643; RINGAROOMA
H0123 Map_sheet_number_25K 5642; ALBERTON
H0200 Start_of_data_acquisiton 8/10/2008
H0201 End_of_data_acquisiton 7/10/2009
H0202 Data_format SG1
H0203 Number_of_data_records 235
H0204 Date_of_metadata_update 12/10/2009
H0300 FileNames
H0301 rock_description_file EL252004_200910_05_lithology.txt
H0302 lithology_code_file EL252004_200910_06_lithcode.txt
H0502 Vertical_datum AHD
H0506 Surveying_instrument Down Hole Distance (From)
H0507 Surveying_company
H0600 Sample_Code Sample_Type Sample_Description
H0601 R DC Drill core Drill Hole Lithology
H0900 Remarks From - To interval record
H1000 Project Prospect Hole_id From To Lith_1 MINERAL Weathering
QTZ ALT_TYPE
H1001 metres metres species % style
H1004 0.1 0.1
D Project Prospect Hole-ID From To Lithology Sulphide
Weathering % Qtz ALT_TYPE
D ALBERTON Ringarooma United RUL01 0 18.5 SST - ox
0 -
D ALBERTON Ringarooma United RUL01 18.5 33.3 SH - ox
1 -
D ALBERTON Ringarooma United RUL01 33.3 36.9 DYKE py fr
1 -
D ALBERTON Ringarooma United RUL01 36.9 43.3 SLTST - fr
1 -
D ALBERTON Ringarooma United RUL01 43.3 55.1 SLTST - fr
1 -
D ALBERTON Ringarooma United RUL01 55.1 88.7 SST py fr
1 -
D ALBERTON Ringarooma United RUL01 88.7 102.3 SST/SH py
fr 1 -
D ALBERTON Ringarooma United RUL01 102.3 125.5 SST py fr
1 -
D ALBERTON Ringarooma United RUL01 125.5 148.9 DYKE py fr
1 -
D ALBERTON Ringarooma United RUL01 148.9 150.3 FAULTpy fr
1 ser

D	ALBERTON 1 ser	Ringarooma United	RUL01 150.3	162.3	DYKE	py	fr
D	ALBERTON 1 -	Ringarooma United	RUL01 162.3	177	SST	py	fr
D	ALBERTON 1 -	Ringarooma United	RUL01 177	189.3	SST	-	fr
D	ALBERTON 1 -	Ringarooma United	RUL01 189.3	210.3	SST	py	fr
D	ALBERTON 0 -	Ringarooma United	RUL02 71.4	73.4	FAULT-		fr
D	ALBERTON 1 -	Ringarooma United	RUL02 73.4	80.7	SLTST	-	fr
D	ALBERTON 1 -	Ringarooma United	RUL02 80.7	127	SST	-	fr
D	ALBERTON 0 -	Ringarooma United	RUL02 0	15.3	SST	-	ox
D	ALBERTON ox 0	Ringarooma United	RUL02 15.3	24.2	SST/SH		-
D	ALBERTON fr 1	Ringarooma United	RUL02 24.2	37.8	SST/SH		-
D	ALBERTON fr 5	Ringarooma United	RUL02 37.8	42.5	SST/FAULT		py
D	ALBERTON 1 sil	Ringarooma United	RUL02 42.5	59.4	SLTST	py	fr
D	ALBERTON fr 1	Ringarooma United sil	RUL02 59.4	73.4	SST/SLTST		py
D	ALBERTON 0 -	Ringarooma United	RUL03 0	22.5	SST	-	ox
D	ALBERTON 0 -	Ringarooma United	RUL03 22.5	27.6	SLTST	-	fr
D	ALBERTON 1 -	Ringarooma United	RUL03 27.6	31.5	SLTST	-	fr
D	ALBERTON 1 -	Ringarooma United	RUL03 31.5	42.5	FAULT-		fr
D	ALBERTON 1 ser	Ringarooma United	RUL03 42.5	45.3	FAULT	py	fr
D	ALBERTON fr 1	Ringarooma United "sil, ser"	RUL03 45.3	56.4	FAULT/SH		py
D	ALBERTON 1 chl	Ringarooma United	RUL03 56.4	92.9	SST	py	fr
D	ALBERTON 0 sil	Ringarooma United	RUL03 92.9	104.2	FAULT-		fr
D	ALBERTON 0 -	Ringarooma United	RUL03 104.2	106.2	DYKE	-	fr
D	ALBERTON 1 sil	Ringarooma United	RUL03 106.2	184.3	SST	-	fr
D	ALBERTON 0 -	Ringarooma United	RUL03 184.3	188	FAULT-		fr
D	ALBERTON 0 -	Ringarooma United	RUL03 188	203	SST	-	fr
D	ALBERTON 0 -	Ringarooma United	RUL03 203	207.4	DYKE	py	fr
D	ALBERTON 1 sil	Ringarooma United	RUL03 207.4	223.3	SST	-	fr

D	ALBERTON 0 -	Ringarooma United	RUL04 0	13.3	SST -	ox
D	ALBERTON 0 -	Ringarooma United	RUL04 13.3	19.2	DYKE -	ox
D	ALBERTON fr 1	Ringarooma United -	RUL04 19.2	28	SST/SH	-
D	ALBERTON 5 -	Ringarooma United	RUL04 28	33.5	SLTST -	fr
D	ALBERTON 10 -	Ringarooma United	RUL04 33.5	58	SST -	fr
D	ALBERTON fr 1	Ringarooma United -	RUL04 58	72.9	SST/SLTST	py
D	ALBERTON 1 -	Ringarooma United	RUL04 83.5	93.8	SST -	fr
D	ALBERTON 5 -	Ringarooma United	RUL04 93.8	119.8	SST -	fr
D	ALBERTON 0 -	Ringarooma United	RUL04 119.8	151.8	SST -	fr
D	ALBERTON fr 1	Ringarooma United sil	RUL04 72.9	73.7	SST/QV	py
D	ALBERTON fr 0	Ringarooma United -	RUL04 73.7	83.5	SST/SLTST	-
D	ALBERTON fr 1	Ringarooma United sil	RUL04 151.8	152.4	SST/QV	py
D	ALBERTON 0 -	Ringarooma United	RUL04 152.4	155.4	SST -	fr
D	ALBERTON fr 1	Ringarooma United sil	RUL04 155.4	156.1	SST/QV	py
D	ALBERTON 0 -	Ringarooma United	RUL04 156.1	178.5	SST -	fr
D	ALBERTON fr 1	Ringarooma United sil	RUL04 178.5	178.8	SST/QV	py
D	ALBERTON 0 -	Ringarooma United	RUL04 178.8	185.8	SST -	fr
D	ALBERTON fr 1	Ringarooma United -	RUL04 185.8	190	SST/SHEAR	py
D	ALBERTON ox 0	Ringarooma United -	RUL05 0	13.4	SST/SLTST	-
D	ALBERTON 0 -	Ringarooma United	RUL05 13.4	19.7	DYKE -	ox
D	ALBERTON ox 0	Ringarooma United -	RUL05 19.7	21.2	SST/SLTST	-
D	ALBERTON fr 10	Ringarooma United sil	RUL05 21.2	26	SST/QV	py
D	ALBERTON fr 0	Ringarooma United -	RUL05 26	27	SHEAR	-
D	ALBERTON fr 5	Ringarooma United sil	RUL05 27	31.7	SST/QV	py
D	ALBERTON 1 -	Ringarooma United	RUL05 31.7	38.6	SST -	fr
D	ALBERTON fr 60	Ringarooma United -	RUL05 38.6	43.5	FAULT/QV	-
D	ALBERTON 0 -	Ringarooma United	RUL05 43.5	57	SST -	fr

D	ALBERTON	Ringarooma United	RUL05 57	57.3	SST/QV	py
	fr 1	sil				
D	ALBERTON	Ringarooma United	RUL05 57.3	72.5	SST -	fr
	0 -					
D	ALBERTON	Ringarooma United	RUL05 72.5	97	SLTST/SST	-
	fr 0	-				
D	ALBERTON	Ringarooma United	RUL05 97	110	SST -	fr
	0 -					
D	ALBERTON	Ringarooma United	RUL05 110	110.3	SST/SHEAR	py
	fr 1	sil				
D	ALBERTON	Ringarooma United	RUL05 110.3	120.6	SST -	fr
	0 -					
D	ALBERTON	Ringarooma United	RUL05 120.6	121	SST/CB	-
	fr 1	carb				
D	ALBERTON	Ringarooma United	RUL05 121	125.8	SST -	fr
	0 -					
D	ALBERTON	Ringarooma United	RUL05 125.8	126.2	SST/CB	-
	fr 5	carb sil				
D	ALBERTON	Ringarooma United	RUL05 126.2	185.5	SST -	fr
	0 -					
D	ALBERTON	Ringarooma United	RUL05 185.5	188	SLTST/SST	py
	fr 1	-				
D	ALBERTON	Ringarooma United	RUL05 188	188.3	SLTST/QV	-
	fr 20	carb sil				
D	ALBERTON	Ringarooma United	RUL05 188.3	191.3	SLTST/SST	-
	fr 0	-				
D	ALBERTON	Ringarooma United	RUL05 191.3	191.6	SLTST/QV	-
	fr 20	carb sil				
D	ALBERTON	Ringarooma United	RUL05 191.6	194.4	SLTST/SST	-
	fr 0	-				
D	ALBERTON	Ringarooma United	RUL05 194.4	194.8	SLTST/QV	-
	fr 30	sil carb				
D	ALBERTON	Ringarooma United	RUL05 194.8	198.2	SLTST/SST	-
	fr 0	-				
D	ALBERTON	Ringarooma United	RUL06 0	3.7	SST/SLTST	-
	ox 1	-				
D	ALBERTON	Ringarooma United	RUL06 3.7	6.5	DYKE -	ox
	0 -					
D	ALBERTON	Ringarooma United	RUL06 6.5	14	SST/SLTST	-
	ox 1	-				
D	ALBERTON	Ringarooma United	RUL06 14	20	DYKE -	ox
	0 sil					
D	ALBERTON	Ringarooma United	RUL06 20	21	FAULT-	ox
	1 -					
D	ALBERTON	Ringarooma United	RUL06 21	27.7	SST/SH/SLTST-	
	ox 1	-				
D	ALBERTON	Ringarooma United	RUL06 27.7	28.5	FAULT-	ox
	0 -					
D	ALBERTON	Ringarooma United	RUL06 28.5	32.7	SST/SH/SLTSTpy	
	fr 1	-				
D	ALBERTON	Ringarooma United	RUL06 32.7	33.5	FAULTpy	fr
	0 -					
D	ALBERTON	Ringarooma United	RUL06 33.5	43	SST/SH/SLTSTpy	
	fr 0	-				

D	ALBERTON fr 1	Ringarooma United -	RUL06 43	46	SST/SH/SLTSTpy		
D	ALBERTON fr 5	Ringarooma United -	RUL06 46	48	SST/SH/SLTSTpy		
D	ALBERTON fr 0	Ringarooma United -	RUL06 48	50.3	SST/SH/SLTSTpy		
D	ALBERTON fr 5	Ringarooma United -	RUL06 50.3	53	SST/SH/SLTSTpy		
D	ALBERTON fr 0	Ringarooma United -	RUL06 53	56.5	SST/SH/SLTSTpy		
D	ALBERTON fr 5	Ringarooma United -	RUL06 56.5	62.5	SST/SH/SLTSTpy		
D	ALBERTON 0 -	Ringarooma United	RUL06 62.5	65.8	SST	py	fr
D	ALBERTON 30 -	Ringarooma United	RUL06 65.8	67.25	QTZ	py	fr
D	ALBERTON 0 -	Ringarooma United	RUL06 67.25	69.7	SST	py	fr
D	ALBERTON 10 -	Ringarooma United	RUL06 69.7	71.7	SST	py	fr
D	ALBERTON 0 -	Ringarooma United	RUL06 71.7	87.2	SST	-	fr
D	ALBERTON 15 chl carb	Ringarooma United	RUL06 87.2	96	SST	py asp	fr
D	ALBERTON 1 chl	Ringarooma United	RUL06 96	105.1	SST	-	fr
D	ALBERTON 10 chl carb	Ringarooma United	RUL06 105.1	110.5	SST	py	fr
D	ALBERTON 0 -	Ringarooma United	RUL06 110.5	113	SST	-	fr
D	ALBERTON 10 sil	Ringarooma United	RUL06 113	117.6	SST	py	fr
D	ALBERTON 0 -	Ringarooma United	RUL06 117.6	120	SST	-	fr
D	ALBERTON 10 sil/cb	Ringarooma United	RUL06 120	130	SST	py	fr
D	ALBERTON 0 -	Ringarooma United	RUL06 130	139	SST	-	fr
D asp	ALBERTON fr 50	Ringarooma United chl sil	RUL06 139	147.35	SST/QV		py
D	ALBERTON 1 -	Ringarooma United	RUL06 147.35	148.2	DYKE	py	fr
D	ALBERTON 10 sil	Ringarooma United	RUL06 148.2	154.7	SST	py	fr
D	ALBERTON 1 sil	Ringarooma United	RUL06 154.7	155.4	DYKE	py asp	fr
D	ALBERTON 5 chl	Ringarooma United	RUL06 155.4	166.05	SST	py	fr
D	ALBERTON 100 sil	Ringarooma United	RUL06 166.05	167.3	QTZ	py gal	fr
D	ALBERTON fr 0	Ringarooma United -	RUL06 167.3	176.15	SST/SH		py
D	ALBERTON 1 -	Ringarooma United	RUL06 176.15	177.8	FAULT	py	fr

D	ALBERTON fr 5	Ringarooma United chl	RUL06 177.8	186.2	SST/SH	py
D	ALBERTON fr 20	Ringarooma United chl	RUL06 186.2	186.85	SHEAR/QTZ	asp
D	ALBERTON 1 chl	Ringarooma United	RUL06 186.85	191.7	DYKE	asp fr
D	ALBERTON fr 1	Ringarooma United -	RUL06 191.7	193.8	SST/SH	py
D	ALBERTON 1 -	Ringarooma United	RUL06 193.8	195.7	DYKE	py fr
D	ALBERTON 10 -	Ringarooma United	RUL06 195.7	198	SST	py fr
D	ALBERTON 0 -	Ringarooma United	RUL06 12.7	19.6	SH	- ox
D	ALBERTON 5 -	Ringarooma United	RUL07 0	13	SST	- ox
D	ALBERTON ox 5	Ringarooma United chl	RUL07 13	25.4	SLTST/SH	-
D	ALBERTON 0 -	Ringarooma United	RUL07 25.4	28.25	SST	- fr
D	ALBERTON fr 10	Ringarooma United -	RUL07 28.25	29	SST/QV	py
D	ALBERTON 0 -	Ringarooma United	RUL07 29	34.7	SST	- fr
D	ALBERTON fr 10	Ringarooma United -	RUL07 34.7	36.1	SST/QV	py
asp	ALBERTON 0 -	Ringarooma United	RUL07 36.1	38	SST	- fr
D	ALBERTON fr 0	Ringarooma United chl	RUL07 38	43.25	SLTST/SH	-
D	ALBERTON 1 -	Ringarooma United	RUL07 43.25	44.75	DYKE	asp py fr
D	ALBERTON 0 -	Ringarooma United	RUL07 44.75	51	SST	py fr
D	ALBERTON fr 20	Ringarooma United -	RUL07 51	52	SST/QV	-
D	ALBERTON 0 -	Ringarooma United	RUL07 52	53	SST	- fr
D	ALBERTON fr 15	Ringarooma United -	RUL07 53	56.5	SST/QV	py
D	ALBERTON 0 -	Ringarooma United	RUL07 56.5	58.5	SST	py fr
D	ALBERTON fr 15	Ringarooma United sil	RUL07 58.5	60.5	SST/QV	py
D	ALBERTON 0 -	Ringarooma United	RUL07 60.5	63.9	SST	py fr
D	ALBERTON fr 10	Ringarooma United -	RUL07 63.9	79.6	SST/QV	-
D	ALBERTON 0 -	Ringarooma United	RUL07 79.6	86	SST	- fr
D	ALBERTON fr 0	Ringarooma United -	RUL07 86	88	SST/SLTST	-
D	ALBERTON py fr 30	Ringarooma United sil	RUL07 88	90	SST/SLTST/QV	

D	ALBERTON fr 0	Ringarooma United -	RUL07 90	96.4	SST/SLTST	-
D	ALBERTON py fr	Ringarooma United 15 sil	RUL07 96.4	98.2	SST/SLTST/QV	
D	ALBERTON py fr	Ringarooma United 10 sil chl	RUL07 98.2	99	SST/SLTST/QV	
D	ALBERTON fr 1	Ringarooma United -	RUL07 99	106	SLTST/SH	py
D	ALBERTON fr 10	Ringarooma United -	RUL07 106	107.5	SLTST/SH/QV	-
D	ALBERTON fr 0	Ringarooma United -	RUL07 107.5	110	SLTST/SH	-
D	ALBERTON fr 10	Ringarooma United -	RUL07 110	111.5	SLTST/SH/QV	-
D	ALBERTON fr 0	Ringarooma United -	RUL07 111.5	116.9	SST/SLTST/SH-	
D	ALBERTON fr 15	Ringarooma United chl	RUL07 116.9	117.3	SLTST/SH/QV	-
D	ALBERTON fr 0	Ringarooma United -	RUL07 117.3	119.5	SST/SLTST/SH-	
D	ALBERTON 0 -	Ringarooma United -	RUL07 119.5	121	SST	- fr
D	ALBERTON fr 50	Ringarooma United -	RUL07 121	124.85	SST/QV	-
D	ALBERTON 0 -	Ringarooma United -	RUL07 124.85	126	SST	- fr
D	ALBERTON 0 -	Ringarooma United -	RUL07 126	127.5	SST	- fr
D	ALBERTON ox 0	Ringarooma United -	RUL08 0	12.7	SLTST/SH	-
D	ALBERTON 0 sil	Ringarooma United -	RUL08 19.6	26.5	SH	py ox
D	ALBERTON 0 sil	Ringarooma United -	RUL08 26.5	35.6	SH/QV	py fr
D	ALBERTON fr 0	Ringarooma United sil	RUL08 35.6	45.2	SST/SH	-
D	ALBERTON 20 -	Ringarooma United -	RUL08 45.2	54.2	SH/QV	- fr
D	ALBERTON fr 0	Ringarooma United sil	RUL08 54.2	58.4	SST/SH	-
D	ALBERTON fr 0	Ringarooma United -	RUL08 58.4	62.8	SLTST/SH	-
D	ALBERTON fr 0	Ringarooma United -	RUL08 62.8	69.3	SST/SLTST	-
D	ALBERTON 100 -	Ringarooma United -	RUL08 69.3	69.5	QV	- fr
D	ALBERTON fr 0	Ringarooma United -	RUL08 69.5	76.7	SST/SLTST	-
D	ALBERTON 100 -	Ringarooma United -	RUL08 76.7	77	QV	- fr
D	ALBERTON fr 0	Ringarooma United -	RUL08 77	79	SST/SLTST	-
D	ALBERTON fr 0	Ringarooma United -	RUL08 79	81.3	SLTST/SH	-

D	ALBERTON	Ringarooma United	RUL08 81.3	87.4	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 87.4	87.8	QV	-	fr
	100	-					
D	ALBERTON	Ringarooma United	RUL08 87.8	91.8	SST/QV		-
	fr 0	-					
D	ALBERTON	Ringarooma United	RUL08 91.8	93.3	SST/QV		asp
py v g	fr 10	sil carb					
D	ALBERTON	Ringarooma United	RUL08 93.3	104.5	SST/QV		-
	fr 80	-					
D	ALBERTON	Ringarooma United	RUL08 104.5	111.5	SST/QV		-
	fr 5	-					
D	ALBERTON	Ringarooma United	RUL08 111.5	112	QV	-	fr
	10	-					
D	ALBERTON	Ringarooma United	RUL08 112	113	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 113	118.1	SST	-	fr
	20	-					
D	ALBERTON	Ringarooma United	RUL08 118.1	124.8	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 124.8	125.6	QV	py	fr
	5	-					
D	ALBERTON	Ringarooma United	RUL08 125.6	132.1	SST/SH		-
	fr 0	-					
D	ALBERTON	Ringarooma United	RUL08 132.1	134.1	SH/SST/QV		-
	fr 0	-					
D	ALBERTON	Ringarooma United	RUL08 134.1	146.6	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 146.6	147.6	SST/QV		py
asp	fr 20	sil					
D	ALBERTON	Ringarooma United	RUL08 147.6	153.2	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 153.2	155.9	SLTST/SH		-
	fr 10	-					
D	ALBERTON	Ringarooma United	RUL08 155.9	156.2	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 156.2	159.1	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 159.1	160.2	SST/QV		-
	fr 5	-					
D	ALBERTON	Ringarooma United	RUL08 160.2	161.8	SST	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL08 161.8	164.4	SST/SLTST		-
	fr 5	-					
D	ALBERTON	Ringarooma United	RUL10 0	3.8	SH	-	ox
	0	-					
D	ALBERTON	Ringarooma United	RUL10 3.8	18.2	SST	-	ox
	5	-					
D	ALBERTON	Ringarooma United	RUL10 18.2	21.3	SH	-	ox
	0	-					
D	ALBERTON	Ringarooma United	RUL10 21.3	28.6	SH	-	fr
	0	-					
D	ALBERTON	Ringarooma United	RUL10 28.6	31.7	SH/QV	-	fr
	1	-					

D	ALBERTON 10 -	Ringarooma United	RUL10 31.7	46.1	SH/QV -	fr
D	ALBERTON 15 -	Ringarooma United	RUL10 46.1	50.5	SLTST -	fr
D	ALBERTON 10 -	Ringarooma United	RUL10 50.5	68.1	SH/QV -	fr
D	ALBERTON fr 1	Ringarooma United	RUL10 68.1	73	SST/QV	-
D	ALBERTON 10 -	Ringarooma United	RUL10 73	74	SLTST -	fr
D	ALBERTON fr 5	Ringarooma United	RUL10 74	84	SLTST/QV	-
D	ALBERTON 70 -	Ringarooma United	RUL10 84	90.6	QV/SH -	fr
D	ALBERTON 1 -	Ringarooma United	RUL10 90.6	92	SST -	fr
D	ALBERTON 10 -	Ringarooma United	RUL10 92	96.3	SH -	fr
D	ALBERTON 10 -	Ringarooma United	RUL10 96.3	101.2	SST -	fr
D	ALBERTON 10 -	Ringarooma United	RUL10 101.2	106.6	SST -	fr
D	ALBERTON fr 90	Ringarooma United	RUL10 106.6	107.5	QV py cpy sph	-
D	ALBERTON fr 5	Ringarooma United	RUL10 107.5	109	SST/QV	-
D	ALBERTON 0 -	Ringarooma United	RUL10 109	111.6	SST -	fr
D	ALBERTON 90 -	Ringarooma United	RUL10 111.6	112.1	QV -	fr
D	ALBERTON 0 -	Ringarooma United	RUL10 112.1	113.6	SST -	fr
D	ALBERTON 0 -	Ringarooma United	RUL10 113.6	114.1	SLTST -	fr
D	ALBERTON 5 -	Ringarooma United	RUL10 114.1	120.1	SST -	fr
D	ALBERTON fr 1	Ringarooma United	RUL10 120.1	128.4	SST/QV	-
D	ALBERTON fr 0	Ringarooma United	RUL10 128.4	136.9	SST/SH	-
D	ALBERTON 0 -	Ringarooma United	RUL10 136.9	144.1	SST -	fr
D	ALBERTON 1 -	Ringarooma United	RUL10 144.1	148.6	SST -	fr
D	ALBERTON 0 -	Ringarooma United	RUL10 148.6	150.6	SH -	fr
D	ALBERTON 5 -	Ringarooma United	RUL10 150.6	152.6	SH/QV -	fr
D	ALBERTON 0 -	Ringarooma United	RUL10 152.6	155.8	SST -	fr
D	ALBERTON 80 -	Ringarooma United	RUL10 155.8	158.9	QV/SH -	fr
D	ALBERTON fr 5	Ringarooma United	RUL10 158.9	161.5	SST/QV	-

D	ALBERTON fr 0	Ringarooma United -	RUL10 161.5	162	SH/SLTST/QV	-
D	ALBERTON 1 -	Ringarooma United	RUL10 162	163.9	SST py	fr
D	ALBERTON 5 -	Ringarooma United	RUL10 163.9	164.6	SH/QV	- fr
D	ALBERTON 0 -	Ringarooma United	RUL10 164.6	166.2	SH	- fr
D	ALBERTON 0 -	Ringarooma United	RUL10 166.2	170.2	SST	- fr
D	ALBERTON 1 -	Ringarooma United	RUL10 170.2	170.6	SH	- fr
D	ALBERTON 1 -	Ringarooma United	RUL10 170.6	179	SST	- fr
D	ALBERTON 50 sil carb	Ringarooma United	RUL10 179	180.4	SH/QV asp py	fr
D	ALBERTON 0 -	Ringarooma United	RUL10 180.4	188.4	SST	- fr

EOF

APPENDIX 5

Lithological Logging (DL1)

H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 12/10/2009
H0004 Reporting period end_date 7/10/2009
H0005 State Tasmania
H0100 Tenement_name EL25_2004
H0101 Tenement_holder Low Impact Diamond Drilling Specialists Pty Ltd
H0102 Project_name Alberton
H0113 Map_sheet_number 100K NORTH EAST
H0123 Map_sheet_number 50K 5643; RINGAROOMA
H0123 Map_sheet_number 25K 5642; ALBERTON
H0200 Start_date_of_data_acquisition 8/10/2008
H0201 End_date_of_data_acquisition 7/10/2009
H0202 Data_format SG1
H0203 Number_of_data_records 32
H0204 Date_of_metadata_update 2/10/2009
H0300 FileNames
H0301 lithology_code_file EL252004_200910_06_lithcode.txt
H0502 Vertical_datum AHD
H0506 Surveying_instrument
H0507 Surveying_company
H0900 Remarks Logging Codes
H1000 Code Lithology
H1001
H1004
D LITHOLOGY
D CODE LITHOLOGY
D QV Quartz vein
D SLTST Siltstone
D CL Clay
D SST Sandstone
D FLT Fault
D SHR Shear zone
D GRAN Granite
D GRIES Griesen
D
D WEATHERING
D CODE WEATHERING
D F FRESH
D EW EXTREME WEATHERED
D VW VERY WEATHERED
D MW MODERATLY WEATHERED
D LW LIGHTLY WEATHERED
D NULL NO MATERIAL(Core loss - void)
D
D MINERAL
D CODE MINERAL
D gal Galena
D bar Barite
D NULL No Sulphides present
D py Pyrite
D sph Sphalerite
D cass Cassiterite

D mal Malachite
D stan Stanite
D sul Undefined Sulphide
D flour Florite
D cpy Chalcopyrite
D
D ALTERATION
D CODE ALTERATION
D 0 No visible alteration mineralis
D 1 "Minor bleaching, silica, carbonate and pyrite"
D 2 "Moderate sericite, silica and carbonate with minor base metals"
D 3 "Strong to pervasive sericite, silica and carbonate with abundant base metals including pyrite"
D 4 "Intense sericite, silica and carbonate bleaching with base metals and pyrite (Massive Sulphide)"
D
D ALTERATION_STYLE
D CODE ALTERATION_STYLE
D sil silicification
D feox iron oxide staining (after sulphide)
EOF