EL25/2004 ALBERTON

TASMANIA

ANNUAL TECHNICAL REPORT

OCTOBER 8TH 2009 – OCTOBER 7TH 2010

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LICENSEE:	**Low Impact Diamond Drilling Specialists Pty Ltd**
ABN:	26 079 634 692

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VERIFICATION LISTING

Exploration Work	File_name	Type	Format Description
Office Studies			
Report	EL252004_200910_01_report	pdf	Report Body
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).

During 2009 – 2010, time delays were experienced principally related to the application for a one year extension to the Exploration Licence and upon granting of the extension the re-application of the Work Plan.

Several site visits were undertaken to ascertain whether access to the Hannah line of working was accessible via the Roslyn Adit. Unfortunately whilst it appears that the drive does in fact continue to the Hannah line of workings, access is terminated at a line of backfilled stoping that extends across the drive approximately 40 metres along the drive.

A Work Plan originally submitted in September 2009, and resubmitted in November 2009 was finally granted on 14th April 2010. Unfortunately inclement weather has restricted the establishment of the additional track and drill pads. It is anticipated that access will be established once the area has dried out sufficiently to allow earthmoving equipment to access the area safely without causing undue damage to the environment.

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.

A one year extension to the Exploration Licence of was applied for in October 2009 with approval granted on 24th November 2009.

Upon approval of the extension the previously submitted Work Plan was re-activated. Contact between the Licence holders (LIDDS), Mineral Resources Tasmania (MRT) and Forestry Tasmania (FT) were ongoing and culminated with the Work Plan being finally approved (with minor modifications to proposed drill pad sites) on 14th April 2010.

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

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.

Previous 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 (Hannah and Thomas lodes) have been identified. Additional mineralised areas within the Alberton Goldfields have still to be prioritised in regards to future exploration.

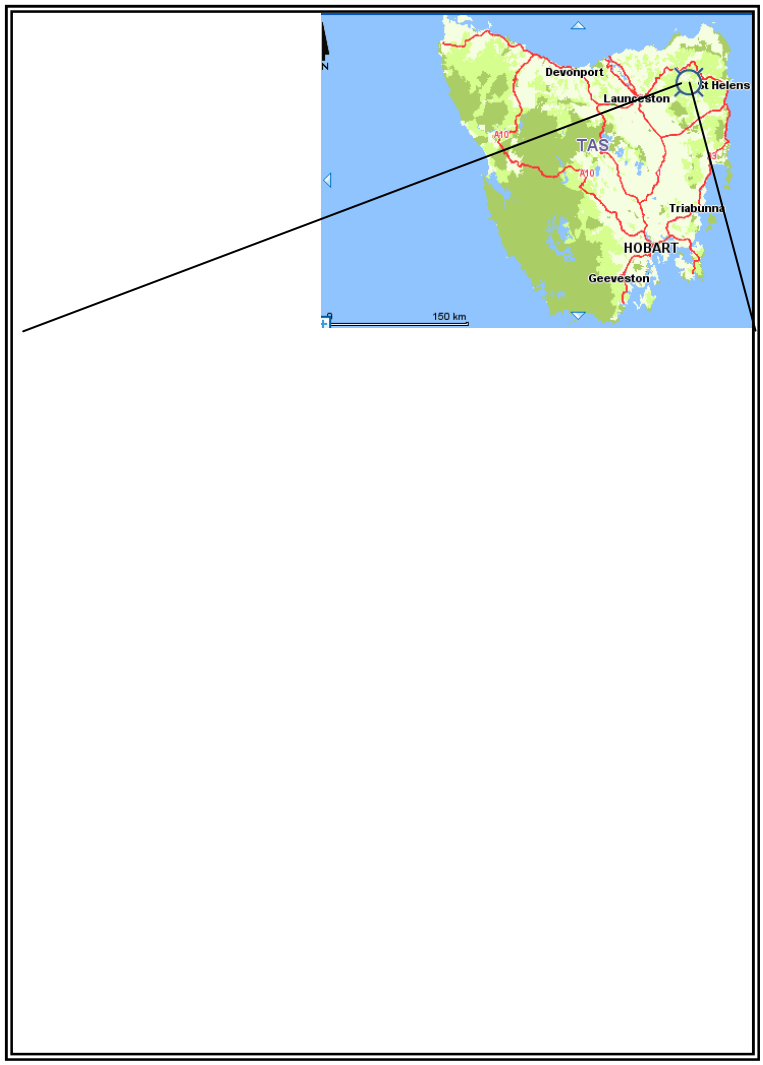
3.0 Location and Access.

Exploration Licence EL25/2004 is located near the rural township of Ringarooma, and covers the ghost-town 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 to1883. 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 it 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 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^{o}. 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 interest the easterly dipping structure.

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

During 2008 – 2009 (de Vries, 2009) surface examinations and tape and compass surveys were undertaken and data reviews was undertaken.

Sampling of the drilling undertaken in 2007 -2008 was also performed. 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

6.0 Exploration Completed During the Reporting Period

6.1 Work Completed

Only minor work was able to be undertaken during the reporting period on the Licence due to several factors; including a time lag of seven (7) months between the initial granting of the Licence extension and the granting of the Work Plan, and the onset of extremely wet autumn and winter weather conditions.

The onset of extremely inclement winter conditions has prevented the mobilisation of contractors to site to establish the approved drill pads and access sites, as a consequence no drilling occurred during the period.

One key finding was the recognition that the Roslyn Adit does appear to extend beyond the fall of ground / backfill that currently prevents any further access. Site inspections underground early in 2010 were undertaken and scaling bars were used to clear sufficient rock to allow a small hole to be made through the loose material. This hole allowed the continued extension of the drive to be viewed, unfortunately the ground was considerer too unstable, and the hole too small to allow access.

6.2 Time Line: 2009 – 2010

1st October 2009.	Application for extensions of Exploration Licence submitted.
24th November 2009.	Extension for one year granted to Exploration Licence.
24th November 2009.	Request for re-activation of Work Plan application.
January – March 2010.	Several site visits to access Hannah extension from Roslyn Adit.
December 2009 – March 2010.	Various correspondence between MRT, FT and LIDDS culminating in site visits for Work Plan.
14th April 2010.	Approval granted for Work Plan.

June – September 2010.	Inclement weather prevents establishment of access and drill pads.
September 2010	Work unable to proceed due to need to write up ATR and resubmit application for further year extension to Exploration Licence.

7.0 Discussion and Conclusions.

As a result of on-site meetings with MRT representatives (Mr D Gatehouse) and representatives of LIDDS (Mr L Stebbings), minor modifications were sought by the MRT to the location of a proposed drill pad. This modification was agreed to by LIDDS and directional tapes modified accordingly.

The modifications were sought to negate any potential impact on the original mullock dump associated with the Hannah Adit.

Work proposed for 2010 – 2011 period (assuming granting of Exploration Licence extension) will involve the establishment of the access and drill pads as per the Work Plan and drilling into either, the Hannah, Ringarooma or Thomas lode positions.

8.0 Expenditure 2009 – 2010

Geoscientific Costs	
• Geology	$5,600
• Geochemistry	-
• Geophysics	-
• Remote Sensing	-
Drilling & Gridding Costs	
• Gridding	-
• Drilling	-
Land Access Costs	**-**
Rehabilitation Costs	**-**
Feasibility Study Costs	**-**
Other Items	**$1,931**
Administration Costs	$ 300
Total Costs	**$7,831**

9.0 References

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APPENDICIES

APPENDIX 1

Surface Location (SL1)
H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 22/09/2010
H0004 Reporting period end_date 7/10/2010
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 8/10/2009
H0201 End_of_data_acquisiton 7/10/2010
H0202 Data_format SG1
H0203 Number_of_data_records 15
H0204 Date_of_metadata_update 22/09/2010
H0300 FileNames
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 ?
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362.80 62.50 UG_DDH RING_UNTD ? ? LTK40 (?) N
Low Impact Diamond Drilling Specialists Pty Ltd ?
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362.80 43.00 UG_DDH RING_UNTD ? ? LTK40 (?) N
Low Impact Diamond Drilling Specialists 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
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
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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
D ALBERTON Ringarooma United RUL05 " 5,428,141.6 " " 566,761.7 "
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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409.41 119.50 SURF_DDH RING_UNTD 7/06/2007 25/06/2007
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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NTW N Low Impact Diamond Drilling Specialists Pty Ltd Bernie
Research Laboratory Pty Ltd
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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)

Downhole Geochemistry (DG1)
H0001 Exploration Licence Data header file
H0002 Version 1
H0003 Generated 22/09/2010
H0004 Reporting period end_date 7/10/2010
H0005 State Tasmania
H0100 Tenement_name EL25_2004
H0101 Tenement_holder Low Impact Diamond Drilling Specialists Pty LtdH0102Project_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 8/10/2009
H0201 End_date_of_data_acquisition 7/10/2010
H0202 Data_format SG1
H0203 Number_of_data_records 180
H0204 Date_of_metadata_update 22/09/2010
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						Au_Rp1 (F650)	FA25_AAS	AT/OES	AT/OES		
H1002				metre	metre		ppm	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			

D	ALBERTON	Ringarooma United	RUL01	149.2	150.3	100701	0.5	0.47
D	ALBERTON	Ringarooma United	RUL01	158.1	158.9	100702	1.31	1.24 1.33
D	ALBERTON	Ringarooma United	RUL01	158.9	159.6	100703	1.24	1.28 1.21
D	ALBERTON	Ringarooma United	RUL01	159.6	160.6	100704	1.25	1.38 1.2
D	ALBERTON	Ringarooma United	RUL01	160.6	161.6	100705	1.32	1.17 1.2
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D	ALBERTON	Ringarooma United	RUL01	178	179	100707		0.02
D	ALBERTON	Ringarooma United	RUL01	179	180	100708		0.04
D	ALBERTON	Ringarooma United	RUL01	180	180.9	100709		0.005
D	ALBERTON	Ringarooma United	RUL01	180.9	181.5	100710	0.02	0.03
D	ALBERTON	Ringarooma United	RUL01	181.5	182.5	100711		0.01
D	ALBERTON	Ringarooma United	RUL01	182.5	183.3	100712		0.02
D	ALBERTON	Ringarooma United	RUL01	183.3	184.6	100713		0.09
D	ALBERTON	Ringarooma United	RUL01	184.6	185.6	100714	0.07	0.1
D	ALBERTON	Ringarooma United	RUL01	185.6	185.8	100715	3.44	3.9 3.66
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D	ALBERTON	Ringarooma United	RUL01	153.1	154	100720		1.16
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D	ALBERTON	Ringarooma United	RUL01	157.1	158.1	100724		0.55
D	ALBERTON	Ringarooma United	RUL01	161.6	162.6	100725		1.07
D	ALBERTON	Ringarooma United	RUL01	162.6	163.7	100726		1.67
D	ALBERTON	Ringarooma United	RUL01	185.8	186.4	100733		85.94 85.94

D	ALBERTON 0.125	NE	Ringarooma United	RUL02	38.7	39.7	49169
D	ALBERTON 0.015	NE	Ringarooma United	RUL02	60.4	60.7	49170
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	Ringarooma United	RUL05	27.6	28.35	RUL5-1	
	-0.01						
D	ALBERTON	Ringarooma United	RUL05	30.1	30.3	RUL5-2	
	0.03						
D	ALBERTON	Ringarooma United	RUL05	57	57.3	RUL5-3	
	0.03						
D	ALBERTON	Ringarooma United	RUL05	110	110.3	RUL5-4	
	0.02						
D	ALBERTON	Ringarooma United	RUL05	188	188.3	RUL5-5	
	0.27						
D	ALBERTON	Ringarooma United	RUL05	191.3	191.6	RUL5-6	
	0.15						
D	ALBERTON	Ringarooma United	RUL05	194.4	194.8	RUL5-7	
	0.02						
D	ALBERTON	Ringarooma United	RUL06	15.35	16	303001	
	0.11	1	1864				
D	ALBERTON	Ringarooma United	RUL06	16	16.8	303002	
	0.11	<1	1547				
D	ALBERTON	Ringarooma United	RUL06	16.8	17.6	303003	
	0.06	<1	688				
D	ALBERTON	Ringarooma United	RUL06	17.6	18.4	303004	
	0.03	<1	313				
D	ALBERTON	Ringarooma United	RUL06	18.4	19.2	303005	
	0.1	1	1248				
D	ALBERTON	Ringarooma United	RUL06	19.2	19.8	303006	
	0.05	1	650				
D	ALBERTON	Ringarooma United	RUL06	37.3	38.1	303007	
	-0.01	<1	14				
D	ALBERTON	Ringarooma United	RUL06	38.1	39	303008	
	-0.01	<1	40				
D	ALBERTON	Ringarooma United	RUL06	61.6	62.5	303009	
	0.05	<1	67				
D	ALBERTON	Ringarooma United	RUL06	65.9	66.6	303010	
	-0.01	<1					
D	ALBERTON	Ringarooma United	RUL06	66.6	67.25	303011	
	0.03	<1	53				
D	ALBERTON	Ringarooma United	RUL06	69.8	70.7	303012	
	0.35	<1	412				
D	ALBERTON	Ringarooma United	RUL06	87.2	88.15	303014	
	-0.01	1	15				
D	ALBERTON	Ringarooma United	RUL06	88.15	89.1	303015	
	-0.01	1	58				
D	ALBERTON	Ringarooma United	RUL06	89.1	90	303016	
	-0.01	1	32				
D	ALBERTON	Ringarooma United	RUL06	90	90.9	303017	
	0.26	1	195				
D	ALBERTON	Ringarooma United	RUL06	90.9	92.1	303018	
	0.02	1	157				
D	ALBERTON	Ringarooma United	RUL06	92.1	93	303019	
	0.02	1	16				
D	ALBERTON	Ringarooma United	RUL06	93	93.9	303020	
	0.03	1	65				
D	ALBERTON	Ringarooma United	RUL06	93.9	94.8	303021	
	0.02	<1	51				

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

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

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

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 22/09/2010
H0004 Reporting period end_date 7/10/2010
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 8/10/2009
H0201 End_date_of_data_acquisition 7/10/2010
H0202 Data_format SG1
H0203 Number_of_data_records 46
H0204 Date_of_metadata_update 22/09/2010

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

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	22/09/2010
H0004	Reporting period end_date	7/10/2010
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	8/10/2009
H0201	End_of_data_acquisiton	7/10/2010
H0202	Data_format	SG1
H0203	Number_of_data_records	235
H0204	Date_of_metadata_update	22/09/2010
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	FAULT	py	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	Ringarooma United	RUL04	0	13.3	SST	-	ox
D	ALBERTON	Ringarooma United	RUL04	13.3	19.2	DYKE	-	ox
D	ALBERTON	Ringarooma United	RUL04	19.2	28	SST/SH		-
D	ALBERTON	Ringarooma United	RUL04	28	33.5	SLTST	-	fr
D	ALBERTON	Ringarooma United	RUL04	33.5	58	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	58	72.9	SST/SLTST		py
D	ALBERTON	Ringarooma United	RUL04	83.5	93.8	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	93.8	119.8	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	119.8	151.8	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	72.9	73.7	SST/QV		py
D	ALBERTON	Ringarooma United	RUL04	73.7	83.5	SST/SLTST		-
D	ALBERTON	Ringarooma United	RUL04	151.8	152.4	SST/QV		py
D	ALBERTON	Ringarooma United	RUL04	152.4	155.4	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	155.4	156.1	SST/QV		py
D	ALBERTON	Ringarooma United	RUL04	156.1	178.5	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	178.5	178.8	SST/QV		py
D	ALBERTON	Ringarooma United	RUL04	178.8	185.8	SST	-	fr
D	ALBERTON	Ringarooma United	RUL04	185.8	190	SST/SHEAR		py
D	ALBERTON	Ringarooma United	RUL05	0	13.4	SST/SLTST		-
D	ALBERTON	Ringarooma United	RUL05	13.4	19.7	DYKE	-	ox
D	ALBERTON	Ringarooma United	RUL05	19.7	21.2	SST/SLTST		-
D	ALBERTON	Ringarooma United	RUL05	21.2	26	SST/QV		py
D	ALBERTON	Ringarooma United	RUL05	26	27	SHEAR		-
D	ALBERTON	Ringarooma United	RUL05	27	31.7	SST/QV		py
D	ALBERTON	Ringarooma United	RUL05	31.7	38.6	SST	-	fr
D	ALBERTON	Ringarooma United	RUL05	38.6	43.5	FAULT/QV		-
D	ALBERTON	Ringarooma United	RUL05	43.5	57	SST	-	fr

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

D	ALBERTON fr	1	Ringarooma United -	RUL06	43	46	SST/SH/SLTST	py		
D	ALBERTON fr	5	Ringarooma United -	RUL06	46	48	SST/SH/SLTST	py		
D	ALBERTON fr	0	Ringarooma United -	RUL06	48	50.3	SST/SH/SLTST	py		
D	ALBERTON fr	5	Ringarooma United -	RUL06	50.3	53	SST/SH/SLTST	py		
D	ALBERTON fr	0	Ringarooma United -	RUL06	53	56.5	SST/SH/SLTST	py		
D	ALBERTON fr	5	Ringarooma United -	RUL06	56.5	62.5	SST/SH/SLTST	py		
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 asp	ALBERTON fr 10 -	Ringarooma United	RUL07	34.7	36.1	SST/QV			py
D	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	Ringarooma United 30 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 0 -	Ringarooma United	RUL08	81.3	87.4	SST	-	fr
D	ALBERTON 100 -	Ringarooma United	RUL08	87.4	87.8	QV	-	fr
D	ALBERTON fr 0 -	Ringarooma United	RUL08	87.8	91.8	SST/QV		-
D	ALBERTON fr 10	Ringarooma United sil carb	RUL08	91.8	93.3	SST/QV		asp py vg
D	ALBERTON fr 80 -	Ringarooma United	RUL08	93.3	104.5	SST/QV		-
D	ALBERTON fr 5 -	Ringarooma United	RUL08	104.5	111.5	SST/QV		-
D	ALBERTON 10 -	Ringarooma United	RUL08	111.5	112	QV	-	fr
D	ALBERTON 0 -	Ringarooma United	RUL08	112	113	SST	-	fr
D	ALBERTON 20 -	Ringarooma United	RUL08	113	118.1	SST	-	fr
D	ALBERTON 0 -	Ringarooma United	RUL08	118.1	124.8	SST	-	fr
D	ALBERTON 5 -	Ringarooma United	RUL08	124.8	125.6	QV	py	fr
D	ALBERTON fr 0 -	Ringarooma United	RUL08	125.6	132.1	SST/SH		-
D	ALBERTON fr 0 -	Ringarooma United	RUL08	132.1	134.1	SH/SST/QV		-
D	ALBERTON 0 -	Ringarooma United	RUL08	134.1	146.6	SST	-	fr
D	ALBERTON fr 20	Ringarooma United sil	RUL08	146.6	147.6	SST/QV		py asp
D	ALBERTON 0 -	Ringarooma United	RUL08	147.6	153.2	SST	-	fr
D	ALBERTON fr 10 -	Ringarooma United	RUL08	153.2	155.9	SLTST/SH		-
D	ALBERTON 0 -	Ringarooma United	RUL08	155.9	156.2	SST	-	fr
D	ALBERTON 0 -	Ringarooma United	RUL08	156.2	159.1	SST	-	fr
D	ALBERTON fr 5 -	Ringarooma United	RUL08	159.1	160.2	SST/QV		-
D	ALBERTON 0 -	Ringarooma United	RUL08	160.2	161.8	SST	-	fr
D	ALBERTON fr 5 -	Ringarooma United	RUL08	161.8	164.4	SST/SLTST		-
D	ALBERTON 0 -	Ringarooma United	RUL10	0	3.8	SH	-	ox
D	ALBERTON 5 -	Ringarooma United	RUL10	3.8	18.2	SST	-	ox
D	ALBERTON 0 -	Ringarooma United	RUL10	18.2	21.3	SH	-	ox
D	ALBERTON 0 -	Ringarooma United	RUL10	21.3	28.6	SH	-	fr
D	ALBERTON 1 -	Ringarooma United	RUL10	28.6	31.7	SH/QV	-	fr

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 ga	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	22/09/2010
H0004	Reporting period end_date	7/10/2010
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	8/10/2009
H0201	End_date_of_data_acquisition	7/10/2010
H0202	Data_format	SG1
H0203	Number_of_data_records	32
H0204	Date_of_metadata_update	22/09/2010H0300 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	EXTRELEMY 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 "Moderare 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