

OPEN FILE

AUSTRALIAN DEVELOPMENT OPERATIONS

Report on Relinquished Part
of
Exploration Licence 5071
(Shrike Prospect)

For the Period ending
29.01.89 to 28.01.90

C J Hooper
1990

CR90/119

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1.0 SUMMARY

Exploration Licence 5071, consisting of 6 blocks was granted to Australian Development Limited on 26th January 1987. The EL was subsequently reduced in size to 3 blocks on 29th January 1989. On 29th January 1990 the exploration licence was once again due for reduction and one of the three blocks retained.

The block to be retained is:

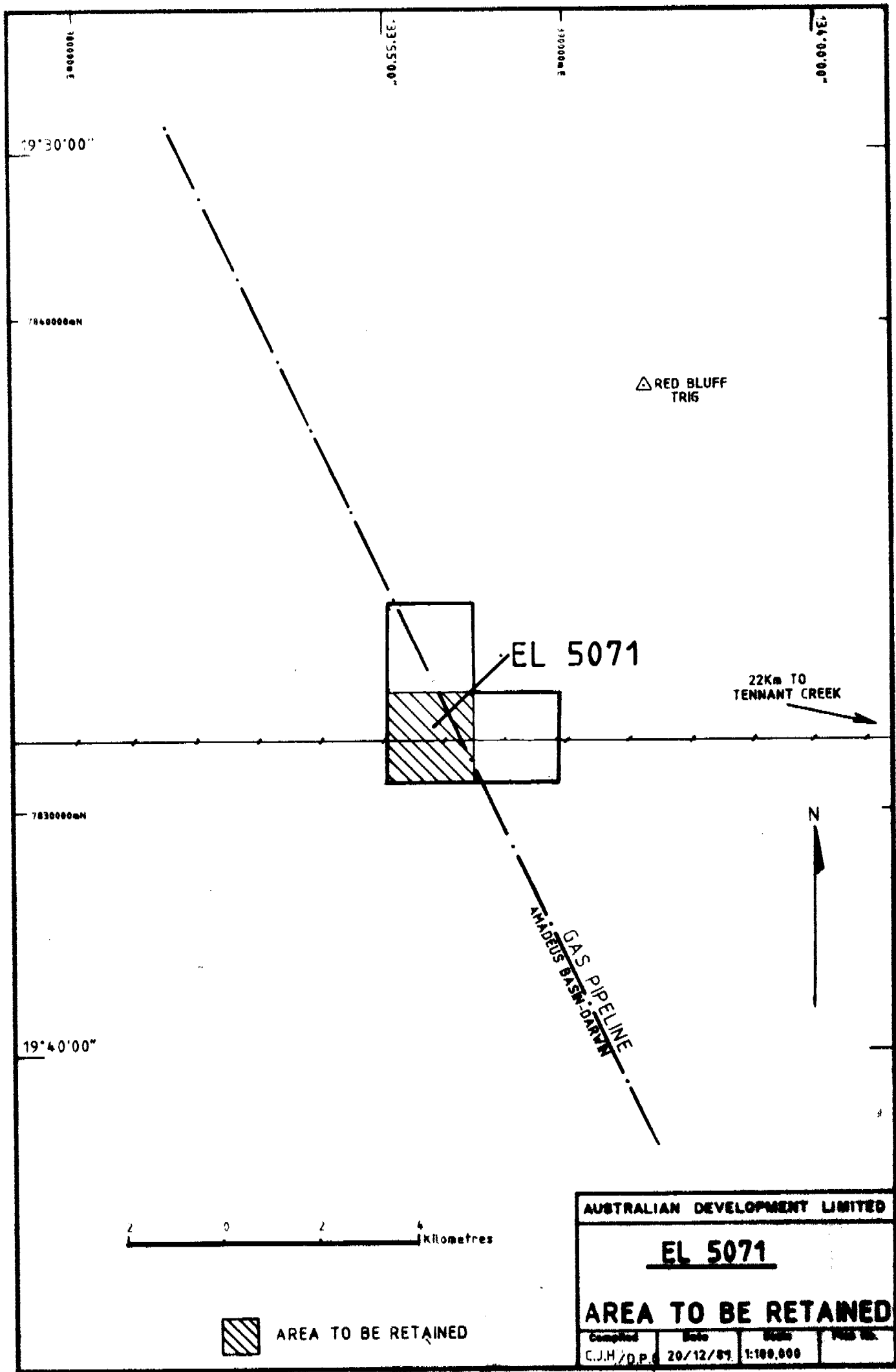
Map No:	TC 52/4 Kelly
Block:	47 36

Refer also to the attached diagram.

This report summarises the activities of the two relinquished blocks during the period 29.1.89 to 28.1.90. The two relinquished blocks are:

Map No:	TC 52/4 Kelly
Blocks:	46 36
	47 37

Refer also to the attached diagram.



19°30'00"

7840000mN

7830000mN

19°40'00"

133°55'00"

1300000E

1300000E

△ RED BLUFF TRIG

EL 5071

22Km TO TENNANT CREEK

GAS PIPELINE
ANDREWS BASIN-BARN

N

2 0 2 4 kilometres



AREA TO BE RETAINED

AUSTRALIAN DEVELOPMENT LIMITED

EL 5071

AREA TO BE RETAINED

Compiled	Date	Scale	Proj. Sys.
C.J.H./D.P.	20/12/87	1:100,000	

2.0 PREVIOUS ACTIVITIES

During the preceding three years Australian Development Limited has carried out exploration over the tenements. Initially, reconnaissance surveys were implemented comprising of geological mapping, geophysical target selection and geochemical sampling. Subsequently, detailed geochemical surveys and RAB drilling were carried out over target areas. A brief summary of this earlier work is outlined below.

2.1 Reconnaissance Surveys

2.1.1 Geological Mapping

Outcrop within the licence area is very limited and the area has very little relief. A thick covering of aeolian sand consisting of small quartz, kaolinite and pisolitic lateritic particles obscures outcrop and makes any detailed structural analysis difficult.

The best outcrop is restricted to the south eastern portion of the exploration licence. This consists of moderately deformed siltstones and sandstones showing at least two generations of deformation. The earliest deformation resulted in an intense and pronounced cleavage formation transgressed by a second deformation to produce crenulations in the siltstones and small scale folding in the more siliceous counterparts. The outcrop appears to outline the hinge of a small west plunging syncline.

Bedding (So) strikes in an approximately east-west (095°) direction and dips to the south at approximately 50° . The first deformation with axial plane S_1 also parallels this direction. A cross cutting S_2 cleavage trends approximately north-south and dips to the west.

2.1.2 Geophysical Surveys

A government aeromagnetic survey was flown in 1984 and 1:100,000 scale contour maps of the Tennant Creek field were released. The magnetic data was reprocessed, scaled and contoured to produce a 1:10,000 aeromagnetic map of the EL.

The most prominent feature of the aeromagnetic data is a northwest-south easterly trending magnetic ridge across the southern portion of the EL. The ridge contains several small peaks and a negative anomaly thought to represent magnetic sediments or a magnetite bearing shear zone. The amplitude of the main ridge is 760 gammas. Two smaller ridges northeast and parallel to the main ridge occur and have an amplitude of 310 and 220 gammas respectively.

For the purpose of conducting a gravimetric survey a grid was erected over the main magnetic ridge in April-May 1988. The grid has a line spacing of 320m and a 40m station interval. It covers a total of 17 line kilometres. The main magnetic ridge lies over the two relinquished graticular blocks and so the gravimetric survey will not be undertaken.

The aim of the survey was to evaluate the area with respect to the presence of low and relatively non-magnetic, gold-bearing hematite ironstones, similar to the style of mineralisation at Nobles Nob mine.

No further activities were undertaken in the northern graticular block 46 36 and subsequently all further discussion will be on the relinquished block 47 37.

2.1.3 Sampling Surveys

Rock Chip Sampling

Nine representative rock chip samples were collected within the EL to establish background values for further geochemical work. Of these 9 samples, 6 were collected in the graticular block 47 37 and 3 in an already relinquished block 46 38 - Refer to Map 1. All samples were assayed for Au, Cu, Bi, Pb, Zn, Ni, Co, Mo, Rb, Sr, Y, Zr, V, Tb. Sample numbers, locations and results are recorded in Table 1.

Table 1: Orientation Rock Chip Geochemical Analysis (ppm)

Graticular Block	Sample No	Au	Cu	Bi	Pb	Zn	Ni	Co
47 37	A28801	<0.01	14	23	<5	26	130	18
	A28805	<0.01	2	11	<5	18	5	<5
	A28806	<0.01	3	18	<5	28	6	5
	A28807	<0.01	5	<10	<5	24	7	<5
	A28808	<0.01	3	<10	<5	22	6	<5
46 38	A28809	<0.01	10	<10	<5	26	14	10
	A28802	<0.01	4	10	8	27	8	5
	A28803	<0.01	4	11	<5	25	5	<5
	A28804	<0.01	19	<10	<5	26	13	<5
		Mo	Rb	Sr	Y	Zr	V	Tb
47 37	A28801	74	18	8	<4	<4	<4	8
	A28805	5	66	14	10	195	<4	8
	A28806	14	84	20	16	410	<4	8
	A28807	<2	155	44	20	145	<4	<4
	A28808	5	<2	11	28	140	<4	14
46 38	A28809	7	6	15	6	200	<4	12
	A28802	5	270	88	32	210	<4	<4
	A28803	<2	115	30	20	550	<4	4
	A28804	15	<2	46	24	<4	<4	<4

Rock Type and Locations

Sample No	Grid Reference	Description
A28801	8928OE/3076ON	Hematite - float
A28805	8896OE/3120ON	Intensely cleaved siltstone, sandstone, thin vein of quartz, clay, mica hematite
A28806	8896OE/3120ON	Soil Sample
A28807	8849OE/3145ON	Intensely cleaved siltstone and sandstone with a slightly sericitic and micaceous content
A28808	8988OE/3128ON	Weathered volcanics and quartz vein
A28009	8228OE/3116ON	Pisolitic laterite
A28802	9045OE/3427ON	Volcanics - tuff outcrop
A28003	9045OE/3427ON	Soil Sample
A28004	9070OE/3325ON	Quartz Sample

BLEG Sampling

A BLEG (Bulk Leach Extractable Gold) geochemical survey was conducted within the prospect. This particular method was utilised as it appeared geochemically more suitable for the analysis of the sandy soils as opposed to conventional sampling techniques.

On the four northern blocks, sampling was carried out on a 500m grid pattern. A total of 56 samples was collected. The two southern blocks were sampled by Newmont on behalf of Australian Development Limited under the joint venture agreement.

Soil samples were 5kg each, collected from a depth of up to 15-20cm, and were sieved through a 1/4" screen. Samples were assayed for gold (ppb) and results are recorded on Map 1. An anomalous area existed on the south eastern portion of graticular block 47 37 and is designated Area 1 (refer to Map 1 and Map 2).

2.2 Detailed Geochemical Surveys

Reconnaissance sampling defined the anomalous area, Area 1. Infill sampling was undertaken to examine the anomalous area in more detail. Samples were collected by the same method (BLEG) as in the reconnaissance program, however, sample weights were reduced from 5kg to 2kg.

Infill sampling in Area 1 was undertaken to follow up anomalous BLEG results from the Newmont sampling program and also to investigate an area of hematite float (hereafter referred to as The Graveyard - Map 2A) situated slightly south of Area 1. A total of 43 samples was collected on a 100m grid pattern. The original anomalous Newmont sample result was 0.8 ppb Au and all infill samples collected were greater than 1.0 ppb Au. The highest results received corresponded to samples containing laterite and ferruginised pisolites (3.9 ppb, 3.38 ppb and 3.92 ppb). All results are tabulated in Table 2.

Table 2: Area 1

Follow-up/Infill sample		Follow-up/Infill sample		Follow-up/Infill sample	
S/No	Result ppb	S/No	Result ppb	S/No	Result ppb
B0076	2.35	B0090	1.32	B0321	3.38
B0077	0.92	B0091	3.90	B0322	1.32
B0078	1.01	B0092	3.92	B0323	2.01
B0079	1.50	B0093	1.74	B0324	1.59
B0080	1.76	B0094	2.54	B0325	2.61
B0081	0.96	B0095	1.29	B0326	1.94
B0082	1.31	B0096	1.91	B0327	2.00
B0083	1.61	B0097	1.76	B0328	1.41
B0084	1.29	B0098	2.37	B0329	1.70
B0085	0.93	B0099	2.54	B0330	2.88
B0086	1.82	B0120	2.01	B0331	2.06
B0087	1.94	B0318	1.68	B0332	2.37
B0088	1.52	B0319	1.94	B0333	1.82
B0089	1.07	B0320	1.67	B0334	2.78
				B0335	1.65

3.0 PERIOD ACTIVITIES

Activities during the report period (29.1.89 to 28.1.90) involved investigating the anomalous region outlined by the infill geochemical soil survey. These areas include Area 1 and The Graveyard. The bedrock geochemistry was tested using a Rotary Air Blast (RAB) rig. Samples were assayed for gold and copper.

3.1 RAB Drilling

A total of 81 RAB holes each of 12m (total 972m) were drilled to test the bedrock geochemistry in the anomalous area defined above.

3.1.1 Area 1

In Area 1 a total of 53 x 12m holes (total 636m) were drilled on a 50m x 50m grid pattern at 20m intervals. All hole locations are indicated on Map 2. Lithological logs, assay results and collar co-ordinates are given in Appendix 1.

3.1.2 The Graveyard

The Graveyard consists of a 0.6km² area with abundant hematite and laterite float located slightly south of Area 1 around SHRB-35 (refer to Map 2A). RAB drilling was to investigate the bedrock and to follow up the anomalous BLEG results. A total of 28 x 12m holes were drilled to give a total of 336m.

Lithological logs, assay data and collar co-ordinates are located in Appendix 2.

3.2 Results

Samples were collected as a composite of 3m intervals and were assayed for both gold and copper. Both areas are discussed individually.

3.2.1 Area 1

Rock types consisted predominantly of siliceous siltstones and sandstones with a small percentage of sericite and, to a lesser extent, crenulated micaceous shales. Abundant quartz veining occurred throughout. All samples were assayed for gold, however only half the samples were assayed for copper.

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First order anomalous gold and copper results were determined by the mean plus two standard deviations. Second order anomalous levels were decided by the mean plus one standard deviation. Results are tabulated below.

Area 1

	Au (ppm)	Cu (ppm)
1st Order Anomalous	0.07	30.7
2nd Order Anomalous	0.04	19.8

The most anomalous gold result (0.26 ppm) occurs in SHRB 24 in the 3-6m composite. Other significant gold values include SHRB 13 which has a high of 0.18 ppm Au in the 6-9m composite and SHRB 14 and SHRB 19 in which both have a high of 0.12 ppm in the 0-3m composite. All anomalous results occur in the eastern portion of the grid. The western portion of the grid, however, has Au values predominantly below the detection level.

Only half the samples in Area 1 were assayed for copper, however the copper results in these samples was generally below detection level. The most anomalous copper values are 61 ppm that occur in SHRB 45 and SHRB 49 in the 0-3m composite.

Most Au and Cu results are below background and a trend cannot be established due to the spatial distribution of the 'anomalous' values.

3.2.2 The Graveyard

Rock types consisted predominantly of a reddish green highly sericitic shale with lesser quantities of siliceous siltstones and sandstones. Abundant quartz veining occurs down hole on the western portion of the grid and approximately 10% hematite occurs in the centre of the grid.

First order and second order anomalous gold and copper was calculated for this region and is tabulated below.

	Au (ppm)	Cu (ppm)
1st Order Anomalous	0.07	90
2nd Order Anomalous	0.05	60

Gold is anomalous down hole in the centre of the grid especially around SHRB 118, 126, 127, 117. Values range from 0.07 to 0.09ppm. Most of the anomalous values, however, occur at shallow depths between 0 to 9m. A slight anomalous Au trend occurs and appears to strike and plunge to the west.

SHRB 19 hosts the most anomalous copper value (270 ppm). This occurs in the centre of the grid. SHRB 118 is also slightly anomalous with results at 170 ppm Cu in the 0-3m composite and 99 ppm Cu in the 3-6m composite. An anomalous copper trend exists in the region of SHRB 117, 118, 119 and 123, hence giving an orientation of NE-SW. Hole spacings in this portion of the area were 5m apart, hence shallow potential in the region appears unlikely.

3.3 Other Activities

During the report period (29.1.89 to 28.1.90), other activities carried out on Exploration Licence 5071 (Shrike prospect) consisted of the updating of geological maps and the commencement of entering the data obtained from RAB drilling onto a database to enable contouring of assay results.

4.0

CONCLUSION

The anomalous areas, Area 1 and The Graveyard, as outlined by the BLEG Sampling program proved to show little mineralisation potential when drilled using a RAB rig. The assay results obtained for both areas did not indicate any shallow potential and rock types down hole were not conducive to finding a gold bearing hematite ironstone similar to the style of mineralisation at Nobles Nob.

For this reason the two blocks 47 37 and 46 36 on map number TC 52/4 Kelly were relinquished.

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APPENDIX 1

Lithological & Assay logs of
Area 1

SHRB-001 to SHRB-053

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 5HRB 1 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89282.14 E 30960.3 N RL: 326.7 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	gr	L	M	H	Au ppm		Cu ppm		
1	R2578	✓						✓			Siltstone				
2	79					✓		✓			Silicified Siltstone				
3	80					✓	✓				As Above	0.04			
4	81	✓				✓	✓				Silicified siltstone with minor sericite				
5	82	✓							✓		As Above				
6	83	✓					✓	✓	✓		As Above	20.01			
7	84	✓						✓	✓		Sandstone with silicified siltstone				
8	85	✓						✓			Sericitic shale				
9	86	✓									Silicified Sericitic siltstone	20.01			
10	87	✓					✓		✓		Sericitic shale				
11	88	✓		✓					✓		As Above				
12	R2589	✓		✓					✓		As Above	20.01			

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 2 PROSPECT: EL5071 LOGGED BY:
COLLAR COORDS: 89282.5 E 30937.9 N RL: 326.7 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	gm	L	M	H			Au ppm	Cu ppm	
1	R2590	✓							✓			Shale + siltstone with minor sericite and quartz veining			
2	91	✓				✓						As Above			
3	92	✓				✓		✓				Silicified and sericitic siltstone	<0.01		
4	93					✓	✓		✓	✓		As Above			
5	94					✓			✓	✓		As Above			
6	95	✓							✓	✓		As Above	<0.01		
7	96		✓			✓		✓				Silicified siltstone with minor sericitic shale			
8	97	✓		✓					✓			As Above with minor limonite			
9	98								✓			As Above	<0.01		
10	99	✓		✓					✓	✓		As Above			
11	R2600	✓		✓					✓			Sericitic siltstone			
12	R2601	✓		✓					✓			As Above	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 3 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89282.8 E 30920.2 N RL: 327.3 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	grn	L	M	H			Au ppm	Cu ppm	
1	R2602	✓		✓				✓				Sericitic Shale			
2	3	✓				✓		✓				Siltstone and shale with minor sericite			
3	4					✓	✓	✓				Siliceous siltstone with minor sericite	<0.01		
4	5					✓	✓	✓				AA			
5	6	✓				✓		✓	✓			Sericitic shale			
6	7	✓		✓				✓				As above	<0.01		
7	8	✓		✓				✓	✓			As above			
8	9	✓		✓		✓		✓	✓			As above			
9	10	✓		✓				✓	✓			As above	<0.01		
10	11	✓		✓				✓	✓			Shale with minor sericitic siltstone			
11	12	✓		✓				✓	✓			Sericitic shale with Trace amounts of qtz veins			
12	R2613	✓		✓				✓	✓			Shale with minor sericitic siltstone	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-4 PROSPECT: ELS071

LOGGED BY:

COLLAR COORDS: 89282.8 E 30898.4 NRL: 327.6 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	DM	L	H	H			Au ppm	Cu ppm	
1	R2614	✓		✓				✓				Serichic shale + Tracelabite			
2	15	✓		✓				✓				Shale with Sericite			
3	16	✓					✓	✓	✓	✓		Serichic siltstone	<0.01		
4	17	✓					✓	✓	✓	✓		As Above			
5	18	✓						✓	✓	✓		Siliceous siltstone			
6	19	✓								✓		Siliceous + serichitic siltstone	<0.01		
7	20	✓		✓						✓		As Above			
8	21	✓		✓						✓		As Above			
9	22	✓		✓						✓		Serichitic siltstone	0.01		
10	23	✓		✓						✓		Serichic shale with Trace limonite			
11	24	✓			✓					✓		Serichitic shale			
12	R2625	✓			✓					✓		As Above	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED

RAB DRILLING SHEET

HOLE NO: SHRB-5 PROSPECT: EL5071 LOGGED BY:

COLLAR COORDS: 89282.1 E 30880.0 N RL: 327.9 LINE NO:

AZIMUTH: DECLINATION: TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	Y	L	H	H			Au ppm	Cu ppm	
1	R26 26						✓		✓			siltstone + sericite shale with Trace limonite staining			
2	27					✓			✓			As Above			
3	28	✓		✓	✓	✓			✓	✓		As Above	<0.01		
4	29			✓		✓		✓	✓			sericite siltstone			
5	30	✓		✓					✓			siliceous + sericite siltstone			
6	31	✓		✓					✓			As Above with quartz Veins	<0.01		
7	R26 32	✓		✓					✓			siliceous + sericite siltstone			
8	33					✓	grn	✓		✓		As Above with quartz veins			
9	34	✓				✓	✓	✓	✓			As Above	<0.01		
10	35	✓		✓					✓	✓		siliceous siltstone with minor sericite			
11	36				✓	grn				✓		As Above			
12	R26 37				✓	grn				✓		As Above	0.02		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-6 PROSPECT: ELS071 LOGGED BY:
COLLAR COORDS: 89282.2 E 30862.6 NRL: 327.8 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	Y	L	M	H			Au ppm	Cu ppm	
1	R2638	✓	✓					✓				Laterite			
2	39						✓	✓	✓			sericitic siltstone			
3	40						✓	✓	✓			siliceous + sericitic siltstone	<0.01		
4	41	✓					✓	✓	✓			As Above			
5	42	✓					✓		✓			As Above			
6	43	✓							✓			As Above	<0.01		
7	44	✓		✓			✓		✓			As Above			
8	45	✓		✓					✓			As Above			
9	46	✓		✓					✓			sericitic siltstone + minor silification	<0.01		
10	47	✓					Py ✓		✓	✓		As Above			
11	48	✓					Pu ✓		✓	✓		As Above + Trace laterite			
12	R2649	✓					✓		✓	✓		As Above	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-7 PROSPECT: EL5071 LOGGED BY:
COLLAR COORDS: 89282.3 E 30840.1 N RL 327.7 LINE NO: 1
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION				LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	Y	L	H	H		Au ppm	Cu ppm	
1	R2650	/					/	/			siltstone + quartz veins			
2	51						gn	/			Sericitic shale			
3	52	/					/	/			As Above + quartz veins	<0.01		
4	53	/					gn				shale			
5	54	/			/	/	/				Shale			
6	55			/			gn	/			Sericitic + siliceous siltstone	<0.01		
7	56	/					Por	/			As Above			
8	57	/				/	gn	/			As Above			
9	58	/				/	/	/			As Above	0.02		
10	59	/				/	/	/			As Above			
11	60	/				/			/		Sericitic + siliceous siltstone + limonite veins			
12	61	/		/		/	/	/			Sericitic + siliceous siltstones	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-8 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89282.6 E 30819.2 N RL: 327.7 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R2662	✓		✓			✓			Laterite with siltstone			
2	63	✓		✓			✓			As Above + quartz veins			
3	64	✓		✓			✓			As Above	0.02		
4	65	✓		✓		✓	✓	✓		siliceous siltstone with minor sericite			
5	66					✓	✓	✓		As Above			
6	67	✓				✓	✓	✓		As Above with Trace Hem.	<0.01		
7	68	✓				✓	✓	✓		As Above with hematite veins			
8	69	✓				✓	✓	✓		As Above			
9	70			✓		✓	✓	✓		As Above	<0.01		
10	71	✓		✓			✓	✓		siliceous siltstone with minor quartz veins			
11	72	✓		✓			✓	✓		As Above with minor limonite vns			
12	73	✓					✓			As Above.	0.03		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHR8-9 PROSPECT: EL5071 LOGGED BY:
COLLAR COORDS: 89332.8 E 30937.7 N RL: 827.5 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au PPM	Cu PPM	
1	R2674	✓	✓				✓			Laterite			
2	75	✓	✓				✓			As Above			
3	76	✓					✓	✓		Siliceous siltstones with minor sericite	0.06		
4	77	✓						✓		As Above			
5	78						✓ gm	✓		Sericitic shale			
6	79				✓	✓				Siliceous + sericitic siltstone	0.07		
7	80	✓					✓ gm	✓		Sericitic shale			
8	81						✓	✓		As Above			
9	82	✓					✓ gm	✓		Siliceous + sericitic siltstone	40.01		
10	83	✓		✓			✓ gm	✓		As Above + Laterite			
11	84	✓		✓				✓		As Above			
12	R2685	✓		✓				✓		As Above	0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-10 PROSPECT: GL5071

LOGGED BY:

COLLAR COORDS: 89332.9 E 30918.03 NRL: 327.6 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2686	✓	✓				✓			Laterite			
2	87	✓	✓				8 ⁿ	✓		Shale			
3	88	✓					8 ⁿ	✓		Shale > siltstone with sericite and siliceous	0.04		
4	89	✓					8 ⁿ	✓		Shale with abundant sericite			
5	90	✓		✓					✓	As Above			
6	91	✓		✓				✓		As Above	0.03		
7	92	✓		✓				✓		As Above			
8	93	✓		✓			8 ⁿ	✓		As Above + laterite			
9	94	✓		✓			8 ⁿ	✓		Siliceous + sericitic siltstone	<0.01		
10	95	✓					8 ⁿ	✓	✓	As Above			
11	96	✓					8 ⁿ		✓	As Above			
12	R2697	✓						✓		As Above	0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-11 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89332.0 E 30898.9 NRL: 327.6 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2698	✓		✓				✓		Sericitic + siliceous siltstone			
2	99	✓				✓		✓	✓	As Above			
3	700	✓				✓		✓		As Above + quartz veins	40.01		
4	01	✓				8 ⁿ ✓		✓		Siliceous + sericite siltstone			
5	02	✓				✓		✓		As Above			
6	03	✓				8 ⁿ ✓		✓		As Above	40.01		
7	04	✓				✓	✓			As Above			
8	05	✓				8 ⁿ ✓		✓	✓	Siliceous + sericite siltstone + quartz veins			
9	06	✓				✓		✓		As Above	0.04		
10	07	✓		✓				✓		As Above			
11	08	✓				8 ⁿ ✓		✓		As Above			
12	09									As Above	0.03		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-12 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89331.5 E 30878.2 N RL: 327.5 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	COMPOSITE ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2710	✓								Laterite			
2	11	✓				Y		✓		Laterite + siliceous siltstone			
3	12					Y		✓		Siliceous siltstone with sericite	0.12 Co.01		
4	13	✓	✓			/		✓		As Above + laterite			
5	14	✓				gn		✓		Siliceous + sericitic siltstone with minor shale			
6	15					✓ gn		✓	✓	Siliceous + sericitic siltstone	0.01		
7	16					Y		✓		As Above			
8	17					gn		✓		As Above			
9	18	✓				✓		✓	✓	As Above	Co.01		
10	19			✓		Y		✓	✓	Siliceous + sericitic siltstone			
11	R2720	✓		✓				✓		As Above			
12	21	✓		✓		✓		✓		As Above	0.02		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-13 PROSPECT: ELS071

LOGGED BY:

COLLAR COORDS: 89331.0 E 30858.2 N RL: 327.4 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2722	✓	✓				✓			Laterite			
2	23	✓	✓				✓			Laterite + Trace silstone			
3	24					✓ ^{gn}	✓		✓	Siliceous + sericitic silstone with Trace laterite	0.02		
4	25	✓	✓	✓		✓ ^{gn}	✓			As Above			
5	26					✓				Siliceous + sericitic Silstone			
6	27					✓	✓	✓	✓	As Above + quartz veins	0.03		
7	28	✓		✓		✓ ^{gn}	✓			As Above			
8	29	✓	✓	✓			✓	✓		Siliceous + sericitic silstone with quartz veins			
9	30	✓	✓				✓	✓		As Above	0.18		
10	31	✓	✓			✓	✓	✓		As Above			
11	32	✓	✓			✓ ^{gn}	✓	✓		Siliceous + sericitic Silstone			
12	R2733	✓				✓ ^{gn}	✓			As Above	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-14 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89330.5 E 30838.2 N RL 327.3 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R2734	✓	✓	✓			✓			Lateite			
2	35	✓		✓				✓	✓	Sericitic shale			
3	36	✓	✓	✓					✓	As Above	0.12		
4	37	✓				✓	3 ⁿ	✓		Siliceous + sericitic siltstone			
5	38	✓				✓	3 ^m	✓	✓	As Above			
6	39									As Above	0.01		
7	40	✓				✓	✓	✓		As Above + sericitic shale			
8	41	✓		✓		3 ⁿ	✓	✓	✓	Siliceous + sericitic siltstone			
9	42	✓				3 ⁿ	✓	✓	✓	As Above + quartz veins	<0.01		
10	43	✓		✓						Siliceous + sericitic siltstone			
11	44	✓		✓				✓	✓	As Above			
12	R2745	✓		✓		✓		✓		As Above	0.02		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-15 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89330.4 E 30818.3 N RL 327.2 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2746		✓			✓	✓			Lateite			
2	47		✓			✓	✓			As Above			
3	48	✓	✓	✓	✓	✓	✓		✓	Siliceous siltstone with sericite	0.03		
4		✓	✓	✓		✓	✓		✓	As Above			
5	50	✓	✓	✓					✓	As Above			
6	51	✓		✓		gn			✓	As Above	0.06		
7	52	✓		✓		gn			✓	As Above			
8	53	✓		✓		gn			✓	As Above			
9	54	✓		✓		gn			✓	As Above with laminations	0.02		
10	55	✓		✓		gn			✓	As Above			
11	56	✓		✓		gn				As Above			
12	R2757									As Above	0.04		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 5HRB-16 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89382.1 E 30878.2 NRL: 327.2 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	COMPOSITE ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au PPM	Cu PPM	
1	R2758	✓	✓	✓			✓			Lateite			
2	59	✓	✓	✓		✓	✓			As Above			
3	60	✓					gn	✓		Siliceous siltstones with minor sericite + limonite	0.03		
4	61	✓		✓			gn	✓		Siliceous siltstone with minor sericite			
5	62	✓		✓			gn	✓	✓	As Above			
6	63	✓		✓			gn	✓	✓	As Above	0.02		
7	64	✓					gn	✓		Siliceous + sericitic siltstone			
8	65	✓		✓			gn	✓	✓	As Above			
9	66	✓		✓			gn	✓	✓	As Above	0.02		
10	67	✓	✓	✓			gn	✓		As Above			
11	68	✓	✓	✓			gn	✓		As Above			
12	R2769	✓	✓	✓			gn	✓		As Above	0.04		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-17 PROSPECT: EL5071 LOGGED BY:
COLLAR COORDS: 89381.3 E 30857.3 NRL: 325.9 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2770	✓	✓	✓			✓			Laterite			
2	71	✓	✓	✓			✓			As Above			
3	72	✓	✓	✓			gn ✓		✓	Siliceous + sericitic siltstone	0.02		
4	73	✓		✓			gn ✓		✓	As Above			
5	74	✓		✓			✓		✓	Siliceous siltstone with minor sericite			
6	75	✓	✓	✓			gn ✓		✓	As Above	0.03		
7	76	✓					gn ✓		✓	As Above			
8	77	✓				✓	gn ✓		✓	As Above			
9	78	✓		✓			✓		✓	As Above with minor laterite	<0.01		
10	79	✓		✓			✓		✓	As Above			
11	80	✓		✓			✓		✓	As Above			
12	R2781	✓		✓			✓		✓	As Above	<0.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHR3-18 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89381.6 E 30837.6 N RL: 326.9 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2782	✓	✓				✓			Lateite			
2	83	✓	✓	✓			gn ✓	✓		Lateite			
3	84	✓	✓	✓			✓	✓	✓	Siliceous siltstone with abundant sericite	0.01		
4	85	✓					gn ✓		✓	Siliceous siltstone with sericite			
5	86	✓					gn ✓	✓	✓	As Above			
6	87	✓					gn ✓	✓		As Above	0.02		
7	88	✓					gn ✓		✓	As Above			
8	89	✓					✓	✓	✓	As Above			
9	90	✓					✓	✓		Siliceous + sericite siltstones	0.01		
10	91	✓					✓	✓		As Above			
11	92	✓					✓	✓		As Above			
12	R2793	✓	✓				✓	✓		As Above	0.04		

AUSTRALIAN DEVELOPMENT LIMITED

RAB DRILLING SHEET

HOLE NO: SHR3-19 PROSPECT: EL5091 LOGGED BY:

COLLAR COORDS: 89381.0 E 30813.4 N RL: 326.7 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2794									No SAMP			
2	95	/	/	/			✓			Laterite			
3	96	✓	✓	✓		✓	✓			siliceous siltstone with minor sericite	0.12		
4	97	✓	✓	✓		✓	✓	✓		As Above			
5	98	✓	✓	✓		✓	✓	✓		As Above			
6	99	✓	✓	✓			✓	✓	✓	As Above	<0.01		
7	R2800	/	/	/		gn ✓		✓		As Above			
8	01	✓		✓		gn ✓		✓		As Above			
9	02	✓				gn ✓		/		siliceous + sericitic siltstone	<0.01		
10	03	✓				gn TR		✓		As Above			
11	04	✓				gn TR		✓		As Above			
12	R2805	/				gn ✓		✓	✓	siliceous + sericitic siltstone	0.02		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 54RB-20 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89378.3E 80797.7N RL: 326.6 LINE NO:
 AZIMUTH: DECLINATION: 90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION			LITHO-TYPE	COMPASS ASSAY RESULTS		
		R	BL	BR	OR	W		L	H	H		Au PPM	Cu PPM	
1	R2806	✓	✓	✓				✓			Lateite			
2	07	✓						✓			Siliceous and sericite siltstone with minor quartz			
3	08	✓	✓	✓			gn ✓	✓	✓		As Above	0.01		
4	09	✓	✓	✓			✓	✓			Siliceous + sericite siltstone			
5	10	✓		✓			gn ✓	✓			As Above			
6	11	✓					gn ✓	✓	✓		As Above	0.03		
7	12	✓						✓	✓		As Above			
8	13	✓				✓	gn ✓	✓	✓		As Above			
9	14	✓				✓	✓	✓	✓		As Above	0.01		
10	15	✓				✓	✓	✓	✓		As Above			
11	16	✓				✓	✓	✓	✓		Siliceous + sericite siltstone			
12	R2817	✓				✓	✓	✓	✓		As Above	10.01		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-01 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89380.5 E 30776.7 NRL: 326.4 LINE NO:

AZIMUTH: DECLINATION: ~90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2818	✓	✓	✓			✓			Laterite			
2	19	✓	✓	✓			✓			As Above			
3	20	✓	✓	✓				✓		siliceous + sericite siltstone	0.01		
4	21	✓				gn	✓		✓	sericite shale			
5	22	✓				gn		✓		siliceous siltstone			
6	23	✓		✓	✓			✓		As Above	0.01		
7	24	✓	✓	✓			✓	✓		As Above			
8	25	✓					✓	✓		siliceous + sericite siltstone			
9	26	✓					pu	✓	✓	As Above	0.01		
10	27	✓					✓	✓		As Above			
11	28	✓					✓	✓		As Above			
12	R2829	✓					pu	gn	✓	As Above	0.06		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-22 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89380.2 E 30757.7 N RL: 326.1 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2830	✓	✓	✓			✓			Laterite			
2	31	✓	✓	✓			✓			Laterite			
3	32	✓		✓			✓			As Above	0.03		
4	33	✓		✓			✓			Laterite			
5	34						gn ✓	✓	✓	Siliceous + Sericite siltstone			
6	35	✓		✓			gn ✓	✓	✓	As Above	0.03		
7	36	tr ✓					gn ✓	✓		As Above			
8	37	✓					gn ✓	✓		As Above			
9	38	✓		✓			✓	✓		As Above + Trace qtz	<0.01		
10	39	✓		✓			✓	✓		As Above			
11	40	✓					gn ✓	✓		Siliceous siltstone			
12	R2841	✓	✓	✓			gn ✓	✓		As Above with laterite	0.06		

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-23 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89380.6 E 30737.0 NRL: 325.9 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2842	✓	✓	✓			✓			Laterite			
2	43	✓	✓	✓			✓	✓		Sericitic shale with laterite			
3	44	✓		✓				✓		Siliceous + sericitic Siltstone	001	32	
4	45	✓		✓				✓		As Above			
5	46	✓		✓			g ⁿ ✓	✓	✓	Sericitic Shale			
6	47	✓		✓			g ⁿ ✓	✓		Siliceous + sericitic Siltstone	10.01	5	
7	48	✓		✓			✓	✓		As Above			
8	49	✓		✓			✓	✓		As			
9	50	✓		✓			✓	✓	✓		10.01	5	
10	51	✓		✓			✓	✓		Siliceous + sericitic Siltstone			
11	52	✓		✓			✓	✓		As Above			
12	R2853	✓		✓			✓	✓		As Above	10.01	37	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-24 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89380.0 E 30717.2 N RL: 325.5 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W		L	H	H		Au ppm	Cu ppm	
1	R2854	✓	✓	✓				✓			Laticite			
2	55	✓							✓		sericite shale			
3	56					✓	gn	✓	✓		sericite siltstone	0.03	51	
4	57					✓	gn	✓	✓		As Above			
5	58		✓			✓	gn	✓	✓		As Above			
6	59	✓				✓	gn	✓	✓		As Above + Tr quartz Vns	0.26	16	
7	60					✓	gn	✓	✓	✓	As Above			
8	61			✓		✓	gn	✓	✓	✓	As Above			
9	62			✓		✓	gn	✓	✓		Siliceous + sericite siltstone	0.02	4	
10	63	✓		✓		✓	gn	✓	✓		As Above			
11	64	✓				✓	gn	✓	✓		As Above			
12	R2865	✓				✓	gn	✓	✓		As Above	2001	88	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-25 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89231.9 E 30981.8 NRL326.1 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	COMMON ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2866	✓				8 ⁿ ✓	✓	✓		siltstone + shale			
2	67	✓		✓		✓	✓	✓		Sericitic shale			
3	68	✓		✓				✓		siliceous siltstone	0.04	36	
4	69	✓		✓		8 ⁿ ✓	✓	✓		As Above			
5	70	✓				8 ⁿ ✓		✓	✓	As Above			
6	71	✓				✓		✓	✓	siliceous + sericitic siltstone	<0.01	2	
7	72	✓				8 ⁿ ✓	✓	✓		As Above			
8	73					✓	✓	✓		As Above			
9	74					8 ⁿ ✓	✓	✓		Sericitic shale	0.02	<2	
10	75					✓			✓	As Above			
11	76					✓			✓	As Above			
12	R2877					✓	✓	✓		As Above	0.01	<2	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHR8-26 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89231.6 E 30961.3 NRL 325.2 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R2878	✓		✓				✓		Siliceous + sericitic siltstone			
2	79	✓		✓		87		✓		As Above			
3	80	✓		✓				✓	✓	sericitic shale	0.01	2	
4	81	✓		✓				✓	✓	As Above			
5	82	✓				87		✓	✓	Siliceous + sericitic Siltstone			
6	83	✓		✓					✓	Sericitic shale	0.05	50	
7	84	✓		✓					✓	As Above			
8	85			✓		87			✓	Sericitic shale			
9	86			✓		87			✓	As Above	<0.01	<2	
10	87			✓		87		✓	✓	As Above			
11	88			✓		87			✓	Sericitic shale			
12	R2889			✓		✓			✓	As Above	0.01	23	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-27 PROSPECT: EL 5671 LOGGED BY:
 COLLAR COORDS: 89231.6 E 30941.06 N RL: 325.6 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au PPM	Cu PPM	
1	R2890	✓		✓		✓		✓		sericitic shale			
2	91	✓		✓		✓	8m	✓	✓	As Above			
3	92	✓		✓		✓	8m	✓	✓	As Above	0.01	4	
4	93	✓	✓	✓		✓		✓	✓	As Above			
5	94	✓		✓		✓		✓	✓	As Above			
6	95	✓		✓		✓	8m	✓		sericitic shale > siliceous siltstone	0.05	<2	
7	96	✓		✓		✓		✓	✓	As Above			
8	97			✓		✓	8m	✓		siliceous siltstone			
9	98			✓		✓	8m	✓	✓	As Above	<0.01	<2	
10	99			✓		✓	8m		✓	sericitic shale			
11	900			✓		✓	8m		✓	AA			
12	R2901			✓		✓	8m		✓	AA	0.04	<2	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-28 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89231.4 E 30922.05 N RL: 326.5 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2902					87	✓	✓	✓	Siliceous + sericitic siltstone			
2	03					87	✓	✓		AA			
3	04	✓		✓			✓	✓		As Above	<0.01	<2	
4	05	✓		✓			✓	✓		As Above			
5	06	✓		✓		87	✓	✓		As Above			
6	07	✓		✓		87	✓	✓		As Above	0.02	36	
7	08	✓		✓		87	✓	✓	✓	sericitic shale			
8	09	✓				✓	✓	✓	✓	sericitic shale			
9	10	✓				✓	✓	✓	✓	As Above	<0.01	5	
10	11	✓				✓	✓	✓	✓	As Above			
11	12	✓				87	✓	✓	✓	sericitic shale			
12	R2913					87			✓	sericitic shale	0.03	20	

AUSTRALIAN DEVELOPMENT LIMITED

RAB DRILLING SHEET

HOLE NO: SHRB 29 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89231.6 E 30901.5 N RL: 326.9 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2914	✓					✓			siliceous siltstone			
2	15	✓		✓					✓	siliceous + sericitic siltstone			
3	16	✓		✓		8m	✓	✓	✓	As Above	0.07	9	
4	17	✓				8m	✓	✓	✓	As Above			
5	18					8m			✓	As Above			
6	19	✓				8m	✓	✓	✓	As Above	<0.01	3	
7	20	✓				8m	✓	✓	✓	As Above			
8	21	✓				✓			✓	As Above + 50% shale			
9	22	✓				✓			✓	Sericitic shale	0.02	<2	
10	23	✓		✓		✓			✓	As Above			
11	24			✓		8m	✓	✓	✓	Sericitic siltstone with silicification			
12	R2925	✓		✓		8m	✓	✓	✓	As Above	0.04	<2	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-30 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89231.7 E 30880.4 NRL: 3270 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R2926	✓		✓					✓	Sericitic shale			
2	27	✓		✓			✓	✓	✓	As Above			
3	28	✓		✓			✓	✓		Siliceous + Sericitic siltstone	0.01	10	
4	29	✓				✓	✓		✓	Sericitic shale			
5	30	✓				✓	✓	✓	✓	As Above			
6	31	✓				✓			✓	As Above	0.01	6	
7	32	✓				✓	✓	✓	✓	Siliceous + sericitic siltstone			
8	33	✓				✓	✓		✓	shale with sericitic			
9	34	✓				✓			✓	As Above	0.01	8	
10	35	✓				✓			✓	As Above			
11	36	✓		✓		✓			✓	Sericitic siltstone with minor silicification			
12	R2937	✓				✓			✓	As Above	0.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-31 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89230.6 E 30862.0 N RL: 327.0 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	COMPOSITE ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2938	✓	✓	✓			✓			Latite			
2	39	✓		✓			✓			siliceous + sericitic siltstone			
3	40	✓		✓		✓	8 ^m ✓	✓	✓	As Above	<0.01	10	
4	41	✓		✓				✓		As Above			
5	42	✓		✓			✓			As Above			
6	43	✓		✓			✓	✓		As Above	<0.01	5	
7	44	✓		✓				✓	✓	As Above			
8	45	✓		✓				✓		As Above + Trace quartz			
9	46	✓		✓			✓	✓		siliceous + sericitic siltstone	<0.01	7	
10	47	✓		✓			8 ^m ✓			As Above			
11	48	✓		✓			8 ^m ✓			siliceous siltstone			
12	R2949	✓		✓			8 ^m ✓	✓		siliceous siltstone	0.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 22 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89231-2 E 30840-8 NRL: 326-9 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2950	✓		✓			✓			Siliceous siltstone			
2	51	✓		✓			8m ✓	✓	✓	As Above			
3	52	✓		✓			8m ✓	✓		As Above	<0.01	14	
4	53	✓					8m ✓	✓	✓	Siliceous + sericite siltstone → Sericite shale			
5	54	✓					8m ✓		✓	Sericite shale			
6	55	✓					8m ✓		✓	Sericite shale	<0.01	29	
7	56	✓		✓			8m ✓		✓	Sericite shale			
8	57	✓		✓			8m ✓	✓	✓	As Above			
9	58	✓		✓			8m ✓	✓		Siliceous siltstone	<0.01	9	
10	59	✓					8m ✓	✓	✓	As Above			
11	60	✓					8m ✓	✓	✓	As Above			
12	R2961	✓					8m ✓		✓	As Above	<0.01	16	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-33 PROSPECT: ELSD41 LOGGED BY:
 COLLAR COORDS: 89230.6 E 30822.0 N RL: 326.7 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2962					✓	✓			sericitic siltstone			
2	63	✓				✓	✓			As Above			
3	64	✓				✓		✓		siliceous + sericitic siltstone	40.01	8	
4	65	✓				✓		✓	✓	As Above			
5	66			✓		✓		✓	✓	As Above			
6	67			✓		✓		✓		siliceous + sericitic siltstone	0.01	5	
7	68			✓		✓		✓	✓	As Above			
8	69			✓	✓	✓		✓		As Above			
9	70			✓	✓	✓		✓	✓	As Above	40.01	5	
10	71	✓		✓		✓			✓	sericitic siltstone			
11	72	✓			✓	✓			✓	As Above			
12	R.2973	✓			✓	✓			✓	sericitic siltstone > sericitic shale	40.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-34 PROSPECT: EL 5071 LOGGED BY:
COLLAR COORDS: 89231.3 E 30800.5 N RL: 326.4 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2974	✓		✓	✓		✓			sericite silstone			
2	75	✓		✓	✓		✓			As Above			
3	76					✓ ^{8m}	✓	✓	✓	Sericite silstone	60.01	8	
4	77	✓		✓		✓ ^{8m}	✓			As Above			
5	78	✓		✓		✓				siliceous + sericite silstone			
6	79	✓		✓				✓		As Above	0.01	<2	
7	80	✓		✓		✓ ^{8m}	✓	✓	✓	As Above			
8	81	✓		✓		✓ ^{8m}	✓			As Above			
9	82	✓		✓		✓ ^{8m}	✓	✓	✓	As Above	60.01	8	
10	83					✓ ^{8m}			✓	As Above			
11	84	✓							✓	As Above			
12	R2985	✓					✓	✓	✓	sericite st silstone	<0.01	55	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-35 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89230.6 E 30781.1 N RL: 325.9 LINE NO:

AZIMUTH: DECLINATION: 90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2986	✓		✓			✓			siliceous siltstone with quartz veins			
2	87	✓		✓	✓		✓			As Above			
3	88	✓		✓			8Y	✓	✓	As Above	0.01	8	
4	89	✓		✓	✓		✓			As Above			
5	90	✓			✓		8Y	✓		siliceous and sericitic siltstone			
6	91	✓			✓		8Y	✓		As Above	<0.01	10	
7	92	✓			✓		8Y	✓	✓	As Above			
8	93	✓			✓		8Y	✓		As Above			
9	94					✓	8Y	✓	✓	sericitic shale	<0.01	9	
10	95						8Y	✓		As Above			
11	96						8Y	✓	✓	As Above			
12	R2997	✓		✓		✓	✓	✓	✓	As Above	<0.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-36 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89 179.9 E 30982.3 N RL: 325.2 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R2998	✓							✓	sericitic shale			
2	99	✓		✓			✓	✓		siliceous + sericitic siltstone			
3	R3000	✓		/			✓	✓		As Above	<0.01	5	
4	01	✓		/			✓	✓		As Above			
5	02	✓		/			✓	✓		As Above			
6	03	✓					✓	✓		siliceous + sericitic siltstone	<0.01	5	
7	04	✓		✓			✓	✓		sericitic siltstone			
8	05	✓		✓			✓	✓		As Above			
9	06	✓		✓			✓	✓		sericitic shale	<0.01	5	
10	07	✓					✓	✓		As Above			
11	08	✓		/			✓		✓	As Above			
12	R3009	✓		/		✓			✓	As Above	<0.01	6	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-37 PROSPECT: EL 5041 LOGGED BY:
 COLLAR COORDS: 89340.4 E 30694.8 N RL: 324.8 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3010	✓		✓			✓	✓		siliceous + sericitic siltstone			
2	11	✓		✓			✓	✓		As Above			
3	12	✓		✓			✓	✓		As Above	<0.01	8	
4	13	✓		✓			✓	✓	✓	As Above			
5	14	✓		✓			✓	✓	✓	As Above			
6	15	✓		✓			✓	✓	✓	As Above	<0.01	6	
7	16	✓		✓			✓	✓	✓	As Above			
8	17	✓		✓			✓	✓	✓	As above + 25% shale			
9	18	✓		✓			✓		✓	sericitic shale	0.02	8	
10	19	✓					✓		✓	As Above			
11	20	✓					✓		✓	As Above			
12	R3021	✓					✓		✓	As Above	<0.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-38 PROSPECT: EL 9071 LOGGED BY:
 COLLAR COORDS: 89178.6 E 30940.4 NRL: 324.6 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3022	✓		✓		✓ 87				sericite siltstone			
2	23			✓		✓ 87				sericite + siliceous siltstone			
3	24	✓	✓			✓ 87			✓	As Above	<0.01	8	
4	25	✓	✓			✓			✓	As Above			
5	26	✓		✓				✓		As Above			
6	27	✓		✓		✓ 87		✓	✓	siliceous + sericite siltstone	<0.01	9	
7	28	✓		✓		✓ 87		✓		As Above			
8	29	✓				✓ 87		✓	✓	As Above			
9	30	✓		✓		✓ 87		✓		As Above	<0.01	8	
10	31	✓		✓		✓ 87		✓	✓	As Above			
11	32					✓ 87		✓		As Above			
12	R3033	✓				✓ 87		✓		As Above	<0.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-39 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89179.9 E 30920.9 NRL: 325.2 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3034	✓					✓	✓		sericite siltstone			
2	35	✓		✓			8m ✓		✓	siliceous + sericite siltstone			
3	36	✓	✓	✓			8m ✓		✓	As Above	<0.01	8	
4	37	✓		✓			8m ✓		✓	Sandstone > siltstone > shale			
5	38			✓			8m ✓		✓	siliceous + sericite siltstone with quartz veins			
6	39			✓			8m ✓		✓	As Above	<0.01	8	
7	40						8m ✓		✓	As Above			
8	41						✓		✓	AA			
9	42			✓			8m ✓		✓	sericite shale	<0.01	6	
10	43			✓			8m ✓		✓	sericite shale			
11	44			✓			8m ✓		✓	siliceous + sericite siltstone			
12	R3045			✓			8m ✓		✓	As Above	<0.01	8	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-40 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89179.9 E 30900.9 N RL: 325.3 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	COMPOSITE ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au PPM	Cu PPM	
1	R3046	✓	✓	✓			✓			Laterite			
2	47					✓	8m		✓	Seritic siltstone			
3	48					✓	8m		✓	As Above	<0.01	9	
4	49	✓	✓			✓	8m		✓	Laterite + seritic siltstone			
5	50	✓	✓			✓	8m		✓	Seritic siltstone			
6	51					✓	8m		✓	Seritic shale	<0.01	8	
7	52					✓	8m		✓	As Above			
8	53					✓	8m		✓	As Above			
9	54				✓	✓	8m	✓	✓	Siliceous + seritic siltstone	<0.01	8	
10	55	✓			✓	✓	8m	✓	✓	As Above			
11	56		✓			✓	8m		✓	As Above			
12	R3057	✓				✓	8m		✓	As Above + quartz Vein	<0.01	9	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 54RB-41 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89177.8 E 30880.0 N RL: 325.2 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	ASSAY RESULTS ^{Lowville}		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3058	✓		✓			✓			Laterite			
2	69					✓ ^{8m}	✓	✓		Siliceous + sericitic silstone			
3	60	✓		✓		✓ ^{8m}		✓		As Above	<0.01	9	
4	61					✓ ^{8m}			✓	Sericitic silstone			
5	62	✓				✓ ^{8m}			✓	As Above			
6	63				✓	✓ ^{8m}			✓	As Above	<0.01	9	
7	64				✓	✓ ^{8m}			✓	As Above with limonite Veins			
8	65				✓	✓ ^{8m}		✓	✓	Sericitic Shale with sericitic silstone			
9	66	✓					✓			Sandstone > sericite	<0.01	8	
10	67	✓			✓	✓ ^{8m}			✓	As Above			
11	68	✓			✓	✓ ^{8m}			✓	As Above			
12	R3069	✓			✓	✓ ^{8m}			✓	Sericitic shale	<0.01	7	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-43 PROSPECT: EL5071 LOGGED BY:
COLLAR COORDS: 89177.5 E 30835.0 NRL: 324.9 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3082	✓	✓	✓	✓		✓			sericitic siltstone			
2	83	✓		✓				✓		sericitic shale			
3	84	✓		✓		py		✓		AA (As Above)	<0.01	8	
4	85				✓	py		✓		AA			
5	86				✓	py		✓		sericitic siltstone			
6	87				✓	py		✓		AA	<0.01	7	
7	88			✓		py		✓		sericitic siltstone			
8	89			✓		py	✓	✓		sericitic shale			
9	90			✓		py	✓	✓		AA	<0.01	8	
10	91			✓		py		✓	✓	AA			
11	92			✓		py		✓	✓	AA			
12	R3093			✓		py		✓	✓	AA	<0.01	9	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 44 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89180.3 E 30819.5 N RL: 325.7 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3094					✓	✓			Laterite			
2	95	✓			✓		✓	✓		sericitic siltstone			
3	96	✓			✓			✓	✓	sericitic shale	<0.01	25	
4	97	✓			✓			✓	✓	AA			
5	98				✓	gn			✓	shale > siltstone			
6	99				✓	gn		✓		sericitic + slightly siliceous siltstone	<0.01	19	
7	R3100				✓	gn		✓		AA			
8	1	✓			✓	gn		✓	✓	AA			
9	2	✓				gn			✓	sericitic shale > siltstone	<0.01	3	
10	3	✓				gn			✓	AA			
11	4	✓				gn			✓	AA			
12	R3105	✓				gn			✓	AA	<0.01	5	

AUSTRALIAN DEVELOPMENT LIMITED
RAB DRILLING SHEET

HOLE NO: 5HR8-45 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89179.7 E 30800.8 N RL: 325.7 LINE NO:

AZIMUTH: **DECLINATION:** -90° **TOTAL DEPTH:** 12m

[illegible]

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 5HRB 46 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89179.6 E 30780.3 NRL: 325.3 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3118	✓				✓	✓			sericitic siltstone + Trace quartz			
2	19	✓		✓		gm	✓			AA			
3	20	✓		✓		gm	✓			AA	10.01	11	
4	21			✓		gm	✓	✓		AA			
5	22			✓		gm	✓	✓		AA			
6	23					✓ gm			✓	AA	10.01	5	
7	24					gm			✓	siliceous + sericitic siltstone			
8	25					gm			✓	AA			
9	26					gm	✓	✓		AA + 10% q	10.01	3	
10	27					✓ gm			✓	AA			
11	28			✓		gm	✓	✓		sericitic siltstone			
12	R3129			✓		gm	✓			AA	10.01	28	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-47 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89126.9 E 30941.8 N RL: 323.6 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3130	✓					✓			Sericitic siltstone			
2	31					✓ gm			✓	AA			
3	32					✓ gm			✓	Siliceous + sericitic siltstone	<0.01	8	
4	33					✓ gm			✓	AA			
5	34					✓ gm			✓	AA			
6	35					✓ gm			✓	AA	<0.01	<2	
7	36	✓				gm			✓	AA			
8	37	✓				gm			✓	sericitic shale			
9	38				✓	gm			✓	AA	<0.01	<2	
10	39				✓	gm			✓	Sericitic siltstone			
11	40				✓	gm		✓		AA			
12	R3141		✓		✓	gm		✓		AA + Trace hematitic Veins	<0.01	2	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: JHRB-48 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89125.8 E 30921.8 NRL: 323.3 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au PPM	Cu PPM	
1	R3142	✓						✓	✓	Sericitic shale			
2	43	✓						✓	✓	Sericitic siltstone + trace silification			
3	44				✓	✓	✓			Siliceous + sericitic siltstone	<0.01	59	
4	45	✓	✓		✓	✓	✓			AA			
5	46	✓	✓		✓	✓				AA + Trace quartz			
6	R3147					qm			✓	AA	<0.01	2	
7	48				✓	✓	✓		✓	AA			
8	49	✓	✓		✓	✓	✓			Sericitic siltstone			
9	50	✓	✓		✓	✓	✓			AA	<0.01	<2	
10	51	✓	✓		✓	✓	✓	✓		AA			
11	52		✓		✓	✓	✓	✓		AA			
12	R3153		✓		✓	✓	✓	✓		AA	<0.01	9	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 5HRB-49 PROSPECT: EL5091

LOGGED BY:

COLLAR COORDS: 89127.2 E 30901.3 N RL: 323.8 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3154		✓			Y ✓	✓			sericitic siltstone			
2	55	✓		✓		Y ✓		✓		AA			
3	56			✓		gm ✓			✓	siliceous + sericitic siltstone	<0.01	61	
4	57					gm ✓			✓	sericitic shale			
5	58				✓	gm ✓			✓	AA			
6	59	✓		✓		gm ✓		✓	✓	Siliceous + Sericitic shale	<0.01	2	
7	R3160	✓		✓		gm ✓		✓	✓	AA			
8	61	✓				gm ✓		✓	✓	AA			
9	62	✓				✓	✓	✓		AA but low sericite	<0.01	2	
10	63					✓	gm ✓		✓	Sericitic shale			
11	64					✓	gm ✓	✓		AA			
12	R3165	✓						✓		AA	<0.01	2	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHR8-50 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89129.8 E 30880.7 N RL: 323.8 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3166	✓		✓		gm ✓		✓		sericitic siltstone			
2	67				✓ Tr	gm ✓			✓	siliceous + sericitic siltstone			
3	68				✓ Tr	gm ✓			✓	AA	<0.01	6	
4	69				✓	gm ✓	✓			Siltstone			
5	70					gm ✓	✓			Sericitic shale			
6	71					gm ✓		✓		AA	<0.01	<2	
7	R3172	✓						✓		sericitic siltstone			
8	73	✓						✓	✓	shale			
9	74	✓						✓	✓	AA	<0.01	2	
10	75	✓						✓	✓	60% AA + 40% sericitic siltstone			
11	76	✓		✓				✓	✓	AA			
12	R3177			✓	✓			✓		Sericitic siltstone + quartz	<0.01	2	

AUSTRALIAN DEVELOPMENT LIMITED

RAB DRILLING SHEET

HOLE NO: SHRB- 51 PROSPECT: EL5071 LOGGED BY:

COLLAR COORDS: 89127.8 E 30861.1 N RL: 323.4 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R31 78					W		✓		Shale			
2	79					✓		✓		AA+ Trace quartz			
3	80					W			✓	Serictic siltstone	<0.01	<2	
4	81					W		✓	✓	AA			
5	82				✓	W			✓	Serictic shale			
6	83			✓		W			✓	Serictic siltstone	<0.01	<2	
7	R31 84				✓	W			✓	AA			
8	85					W		✓	✓	Serictic shale			
9	86				✓	W			✓	Serictic siltstone	<0.01	<2	
10	87				✓	✓			✓	AA			
11	88				✓	✓		✓	✓	AA			
12	R31 89				✓	✓		✓	✓	AA	<0.01	<2	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-52 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89128.8 E 30841.9 N RL: 324.9 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3190	✓	✓			✓	✓			sericitic siltstone			
2	91	✓	✓			✓	✓			AA + 5% quartz			
3	92	✓	✓			✓	✓			AA	<0.01	2	
4	93			✓	✓	✓		✓		sericitic siltstone			
5	94		✓	✓	✓	✓		✓		AA + 3% quartz			
6	95					✓		✓		sericitic shale	<0.01	11	
7	96					✓	gm	✓		sericitic siltstone + 3% q			
8	97	✓		✓	✓			✓		Shale			
9	98	✓					gm	✓		Shale	<0.01	3	
10	99	✓		✓			✓	✓		Shale			
11	R3200	✓		✓			✓	✓		AA + 10% quartz			
12	R3201	✓		✓				✓	✓	AA	<0.01	22	

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AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-53 PROSPECT: ELS071

LOGGED BY:

COLLAR COORDS: 89127-8 E 30819.9 N RL: 325.8 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3202					Y ✓			✓	seratic shale			
2	3	✓		✓		Y ✓			✓	seratic siltstone			
3	4			✓		Y ✓		✓		AA	<0.01	2	
4	5			✓		gm ✓			✓	AA			
5	6			✓		gm ✓			✓	siliceous + seratic siltstone			
6	7			✓		gm ✓			✓	AA	<0.01	2	
7	8			✓		gm ✓			✓	AA			
8	9			✓		gm ✓			✓	AA			
9	10			✓		gm ✓			✓	AA	<0.01	<2	
10	11			✓		gm ✓			✓	AA			
11	12			✓		gm ✓		✓	✓	AA			
12	R3213			✓		gm ✓		✓		AA	<0.01	<2	

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APPENDIX 2

Lithological & Assay logs of

'The Graveyard'

SHRB-114 to SHRB-141

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB114 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89 237.6 E 307 61.6 N RL: 325.7 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3958	✓		✓						Laterite + Trace quartz			
2	59	✓		✓						siliceous + sericitic siltstone			
3	60	✓		✓		gm ✓			✓	Sericitic shale + siliceous + sericitic siltstone	<0.01	37	
4	61				✓	gm ✓			✓	Sericitic shale			
5	62	✓				gm ✓			✓	siliceous + sericitic siltstone			
6	63					✓ gm ✓			✓	AA	0.02	13	
7	64					✓ gm ✓			✓	AA			
8	65					✓ gm ✓		✓		Quartz			
9	66	✓				✓ gm ✓		✓		Sericitic shale	0.03	29	
10	67	✓				✓ gm ✓		✓		AA			
11	68	✓				✓ gm ✓		✓		AA			
12	R39 69					✓ gm ✓		✓		AA + 20% quartz	<0.01	47	

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AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHR8 115 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89237.5 E 30766.4 NRL: 325.8 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3970	✓		✓						Laterite			
2	71		✓	✓				✓		AA			
3	72		✓	✓				✓		Siliceous siltstone + 20% quartz	0.02	31	
4	73	✓				✓ gm			✓	AA			
5	74	✓				✓ gm			✓	AA			
6	75	✓				✓ gm			✓	siliceous + sericitic siltstone	0.03	17	
7	76	✓				✓ gm			✓	AA + quartz			
8	77	✓				✓ gm			✓	Sericitic shale + Trace quartz			
9	78	✓				✓ gm			✓	AA	0.03	13	
10	79	✓			/	✓ gm			✓	Sericitic siltstone > Sericitic shale			
11	80				/	✓ gm			✓	AA			
12	R3981	✓		✓		✓ gm			✓	AA	0.04	30	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 54RB 116 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89239.4 E 30769.9 N RL: 325.9 LINE NO:
 AZIMUTH: DECLINATION: 90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R3982	✓		✓	✓		✓			siliceous + sericitic siltstone + 20% quartz			
2	83				✓	✓		✓		Sericitic shale			
3	84					✓ qm			✓	Sericitic siltstone	0.04	27	
4	85	✓				✓ qm			✓	AA + 5% quartz			
5	86	✓				✓ qm			✓	AA			
6	87	✓				✓ qm			✓	AA	0.03	14	
7	88	✓				✓ qm			✓	AA			
8	89	✓				✓ qm			✓	Sericitic shale + 30% quartz			
9	90	✓				✓ qm			✓	AA	<0.01	16	
10	91		✓			✓ qm			✓	AA			
11	92		✓			✓ qm			✓	AA			
12	R3998	✓					✓	✓		AA	0.03	30	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 117 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 99237.6 E 30770.4 N RL: 325.9 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au PPM	Cu PPM	
1	R3994	✓		✓		✓				Laterite			
2	95			✓		py		✓		Seritic + siliceous siltstone + 50% quartz			
3	96			✓		py		✓		AA	0.06	15	
4	97					qm			✓	AA			
5	98			✓		qm			✓	AA			
6	99					qm			✓	AA	0.05	28	
7	R4000	✓		✓		qm			✓	AA			
8	1	✓		✓		qm			✓	AA			
9	2	✓				qm			✓	AA	0.03	31	
10	3	✓				qm			✓	AA			
11	4		✓			py			✓	AA			
12	R4005	✓				qm			✓	seritic shale + 15% quartz	0.05	165	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB118 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89233.8 E 30769.9 NRL:325.8 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4006	✓				py				Laterite			
2	7	✓		✓						AA			
3	8	✓		✓		py				AA	0.02	170	
4	9					✓ qm				silicified + sericite siltstone			
5	10					✓ qm				AA			
6	11					✓ qm				AA	0.06	99	
7	12					✓ qm				AA			
8	13			✓		✓ qm				AA			
9	14					✓ qm				siliceous kaolinite	0.03	65	
10	15	✓				✓ qm				sericite + siliceous siltstone			
11	16	✓				✓ py				sericite shale			
12	R4017	✓				✓ py				AA	0.03	74	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-119 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89239.4 E 30771.6 N RL: 325.9 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4018	✓		✓		✓	✓			Latent			
2	19	✓		✓		✓				AA			
3	20	✓	✓	✓				✓		siliceous + sericitic siltstone + Hematite Disseminations	0.01	270	
4	21	✓	✓	✓		silic ✓		✓	✓	AA			
5	22	✓	✓	✓		silic ✓		✓	✓	AA			
6	23			✓		✓ qm ✓		✓	✓	AA	0.04	120	
7	R4024	✓	✓						✓	AA			
8	25	✓	✓			qm ✓			✓	AA			
9	26			✓		qm ✓			✓	AA + 20% quartz	0.01	50	
10	27		✓			qm ✓			✓	✓			
11	28	✓				qm ✓			✓	Sericitic shale			
12	R4029					qm ✓			✓	Sericitic + siliceous siltstone	0.01	45	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-120 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89248.6 E 30781.6 N RL:326.5 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	COMPOSITE ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3922	✓		✓						60% quartz + Laterite			
2	23	✓		✓						AA			
3	24			✓		qm ✓		✓		Laterite + Sericitic siliceous siltstone	0.02	31	
4	25			✓		qm ✓		✓		AA without Laterite			
5	26	✓				qm ✓		✓	✓	AA			
6	27	✓				qm ✓		✓	✓	AA	40.01	18	
7	28			✓		qm ✓		✓	✓	AA			
8	29	✓				qm ✓			✓	Sericitic + siliceous siltstone + sericitic shale			
9	30	✓				qm ✓			✓	Sericitic shale	0.01	48	
10	31	✓				y ✓		✓		AA			
11	32	✓				y ✓			✓	AA			
12	R3933	✓				y ✓			✓	AA	0.03	86	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 5HRB 121 PROSPECT: EL 5071 LOGGED BY:
COLLAR COORDS: 89247.1 E 3077118 N RL: 326.2 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au PPM	Cu PPM	
1	R3934				✓	Y ✓	✓	✓		Laticite			
2	35				✓	Y ✓	✓	✓		AA			
3	36				✓	Y ✓	✓			sericitic siltstone	0.02	50	
4	37				✓	qm ✓			✓	AA			
5	38				✓	qm ✓			✓	AA			
6	R3939					✓ qm ✓			✓	siliceous + sericitic siltstone	0.01	34	
7	40					✓ qm ✓			✓	AA			
8	41					✓ qm ✓			✓	Sericitic shale			
9	42	✓				qm ✓		✓	✓	siliceous + sericitic siltstone	0.03	29	
10	43	✓				pu ✓			✓	Sericitic shale + 5% quartz			
11	44	✓				pu ✓		✓	✓	AA			
12	R3945	✓				pu qm			✓	AA	0.03	38	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 122 PROSPECT: EL 5071 LOGGED BY:
 COLLAR COORDS: 89 247.2 E 30762.6 N RL: 326.0 LINE NO:
 AZIMUTH: DECLINATION: - 90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3946			✓		py ✓			✓	Serictic shale			
2	47			✓		py ✓			✓	AA			
3	48	✓			✓	py ✓			✓	AA	<0.01	27	
4	49				✓	gm ✓			✓	Siliceous + Serictic siltstone + 5% quartz			
5	50				✓	gm ✓			✓	AA + 40% quartz			
6	51				✓	gm ✓			✓	AA	0.03	57	
7	52				✓	gm ✓			✓	Serictic shale			
8	53	✓				py ✓			✓	AA			
9	54	✓				py ✓			✓	AA	0.04	24	
10	55	✓				py ✓			✓	AA			
11	56	✓				py ✓			✓	AA + Trace quartz			
12	R3957			✓		py ✓			✓	AA	0.05	86	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-123 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89236.8 E 30771.5 NRL: 325.9 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4030	✓		✓			✓			Lateite + hematite			
2	31	✓	✓	✓			✓			Lateite + 15% quartz them.			
3	32	✓		✓						AA	0.07	87	
4	33	✓		✓					✓	siliceous + sericitic siltstone			
5	34	✓		✓			✓		✓	AA			
6	R4035	✓		✓			✓		✓	AA + 3% hematite	0.03	70	
7	36	✓					✓		✓	AA without hematite			
8	37	✓					✓		✓	AA + 3% hematite + 20% quartz			
9	38	✓					✓		✓	AA	0.01	38	
10	39	✓					✓		✓	siliceous + sericitic siltstone + 15% quartz			
11	40	✓					✓		✓	AA			
12	R4041	✓					✓		✓	AA	<0.01	29	

70

LOGGED BY:

AZIMUTH: **DECLINATION:** -90° **TOTAL DEPTH:** 9m

[illegible]

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 125 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89239.1 E 30773.4 N RL: 326.0 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	RA054	✓		✓						Laterite			
2	55	✓		✓				✓		AA			
3	56					py		✓		AA	0.08	39	
4	57				✓	py		✓		AA + 40% Altered kaolinite			
5	58					py		✓	✓	siliceous + sericitic siltstone sericitic kaolinite			
6	RA059				✓	py	✓			Sericitic kaolinite	0.02	47	
7	60					py	✓			Sericitic siltstone			
8	61					py	✓			AA			
9	62					py	✓			AA	0.06	53	
10	63					py	✓			Sericitic kaolinite + 5% quartz			
11	64		✓			py	✓			AA			
12	RA065	✓		✓						Siliceous + sericitic siltstone	0.01	57	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 126 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89237.5 E 30775.8 N RL: 325.9 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W		L	H	H		Au PPM	Cu PPM	
1	R4066	✓		✓		✓					Laterite			
2	67	✓		✓							AA			
3	68	✓		✓		✓ pu					sericitic + siliceous siltstone + 5% quartz	<0.01	47	
4	69	✓		✓							AA			
5	70	✓		✓		✓ pu					AA + Trace H disseminated			
6	71	✓		✓		✓ gm					Altered kaolinite	0.09	40	
7	72					✓ gm					Siliceous + sericitic siltstone			
8	73	✓				✓ gm		✓			Altered kaolinite			
9	74	✓				✓ gm		✓			AA	<0.01	53	
10	75	✓				✓ gm		✓			AA			
11	76	✓		✓				✓			Siliceous + sericitic siltstone			
12	R4077	✓		✓		✓ y		✓			AA	<0.01	53	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 127 PROSPECT: EL5091

LOGGED BY:

COLLAR COORDS: 89234.0 E 30772.5 N RL 325.8 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4078	✓		✓						Lateite + 5% quartz			
2	79	✓		✓				✓		AA			
3	80	✓		✓				✓		AA	0.01	45	
4	81	✓		✓		gm		✓		Siliceous + Altered kaolinite + 30% siltstone			
5	82	✓	✓	✓		gm		✓	✓	Siliceous + sericitic siltstone			
6	83			✓		gm				AA	40.01	34	
7	84	✓		✓		gm		✓		sericitic kaolinite + 20% quartz			
8	85	✓		✓		gm		✓		AA			
9	86	✓		✓					✓	Siliceous + sericitic siltstone + 5% quartz	0.06	28	
10	87	✓	✓	✓					✓	AA			
11	88	✓		✓					✓	sericitic shale			
12	R4079	✓		✓					✓	sericitic + siliceous siltstone + 5% quartz	0.04	27	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-128 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89234.1 E 30771.1 N RL: 325.8 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W		L	H	H		Au ppm	Cu ppm	
1	R4090	✓					y ✓				Laterite			
2	91	✓		✓			y ✓				AA + 5% quartz			
3	92	✓	✓	✓	✓		y gm ✓	✓			AA + 8% hematite	0.02	12	
4	93						gn ✓	✓	✓		Siliceous + sericitic siltstone + 38% quartz			
5	94					✓	gm ✓	✓	✓		Sericitic kaolinite + sericitic siltstone			
6	95					✓	gm ✓	✓	✓		AA	0.06	8	
7	96					✓	gm ✓	✓	✓		Sericitic shale + 5% hematite			
8	97	✓							✓		Siliceous + sericitic siltstone			
9	98	✓				✓	gm ✓		✓		AA	0.05	6	
10	99	✓					gm ✓		✓		AA			
11	R4100	✓			✓		gm ✓				Sericitic shale			
12	R4101	✓				✓	gm ✓		✓		Sericitic + siliceous siltstone	0.04	3	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 129 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89235.7 E 30771.8 N RL: 325.9 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4102	✓		✓			Y			Laterite			
2	3	✓		✓						AA + 5% Hematite			
3	4	✓	✓	✓				✓		Siliceous + sericitic Siltstone + Trace Hematite	0.03	12	
4	5			✓			PH		✓	AA + 15% quartz			
5	6			✓			PH		✓	AA			
6	7		✓		✓		gm		✓	AA	0.01	8	
7	8		✓		✓		gm		✓	AA + 10% Alt. kaolinitic			
8	9		✓				gm		✓	Siliceous + sericitic siltstone			
9	10						gm		✓	AA + Trace hematite	0.02	6	
10	11		✓				gm		✓	AA + 10% sericitic shale			
11	12			✓	✓		gm		✓	sericitic shale			
12	R4113	✓		✓					✓	AA + 5% quartz	0.07	5	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-130 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89230.9 E 30770.9 NRL: 325.7 LINE NO:

AZIMUTH:

DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4114	✓		✓						Laterite			
2	15			✓	✓	✓ li	✓			Laterite + sericitic siltstone			
3	16			✓	✓	✓ li		✓		AA	0.06	10	
4	17	✓				✓ py			✓	Siliceous + sericitic siltstone			
5	18	✓				✓ py			✓	AA + 5% quartz			
6	19			✓	✓	✓ py			✓	Sericitic kaolinite	0.04	6	
7	20	✓							✓	Siliceous + sericitic siltstone			
8	21	✓				✓ gm			✓	AA			
9	22	✓				✓ gm			✓	AA	<0.01	<2	
10	23	✓				✓ gm			✓	AA			
11	24	✓				✓ gm			✓	AA			
12	R4125	✓		✓						AA	0.01	4	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 131 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89228.6 E 30775.7 N RL: 325.6 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4126	✓		✓						Laterite			
2	27	✓		✓						AA + 39% quartz			
3	28			✓		✓ pu				AA	0.07	12	
4	29		✓		✓	✓ gm			✓	Altered kaolinite			
5	30					✓ gm			✓	Siliceous + sericitic siltstone			
6	31					✓ pu gm			✓	sericite shale	0.03	8	
7	32					✓ pu gm			✓	AA			
8	33					✓ pu gm			✓	AA			
9	34					✓ pu gm			✓	AA	0.05	7	
10	35					✓ gm			✓	Siliceous + sericite siltstone + trace quartz			
11	36					✓ gm			✓	AA			
12	R4137					✓ gm			✓	AA	0.04	3	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 132 PROSPECT: EL 5071

LOGGED BY:

COLLAR COORDS: 89228.5 E 30770.9 N RL: 325.6 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS			
		R	BL	BR	OR	W		L	H		H	Au ppm	Cu ppm	
1	R4138		✓	✓			py ✓	✓			Siliceous + sericitic siltstone			
2	39	✓	✓	✓			py ✓	✓			AA			
3	40	✓		✓			py ✓	✓			AA + Trace Hematite Veins	0.04	7	
4	41	✓		✓			py ✓	✓			AA			
5	42			✓			py ✓	✓			Siltstone			
6	43			✓			py ✓	✓			AA	0.04	7	
7	R4144			✓			py ✓	✓			AA			
8	45				✓	/	qm ✓	✓			Altered kaolinite			
9	46			✓			qm ✓	✓			Siliceous + sericitic siltstone	0.05	6	
10	47			✓			qm ✓	✓	✓		AA			
11	48	✓					qm ✓		✓		AA			
12	R4149	✓					qm ✓		✓		AA	0.05	6	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: 5HRB 133 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89228.5 E 30765.5 N RL: 325.6 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4150	✓		✓				✓		Sericitic siltstone			
2	51	✓		✓		✓ pu		✓		AA + 10% quartz			
3	52	✓		✓		✓ pu		✓		AA	0.02	8	
4	53					✓ gm		✓	✓	Siliceous + sericitic siltstone			
5	54					✓ gm			✓	AA			
6	55	✓				✓ gm			✓	AA	0.02	8	
7	56	✓				✓ gm			✓	AA			
8	57	✓				✓ gm			✓	AA			
9	58	✓				✓ gm			✓	AA + 50% gm cherty substance	0.01	6	
10	59				✓				✓	Siliceous + sericitic siltstone			
11	60	✓			✓	✓ gm		✓	✓	AA			
12	R4161	✓		✓					✓	AA	0.03	11	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB134 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 99228.5 E 30761.8 N RL: 325.5 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4162	✓				✓ ✓				Laterite			
2	63	✓				✓ gm		✓		siliceous + sericite siltstone			
3	64	✓				✓ gm			✓	AA	0.06	8	
4	65	✓				✓ gm		✓	✓	Altered kaolinite			
5	66	✓				✓ gm		✓		AA			
6	67	✓		✓		✓ gm		✓		sericite kaolinite	0.03	9	
7	R4168					✓ gm	✓	✓		sericite + slightly siliceous siltstone			
8	69					✓ gm		✓		sericite kaolinite + AA			
9	70	✓				✓ gm			✓	siliceous + sericite siltstone + 40% quartz	0.04	14	
10	71					✓ gm			✓	AA			
11	72					✓ gm			✓	AA + 10% quartz			
12	R4173	✓		✓		✓ gm			✓	AA	0.03	6	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB135 PROSPECT: ELS071

LOGGED BY:

COLLAR COORDS: 89220.2 E 30775.5 N RL: 325.6 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4174	✓				Y ✓	✓			Sericitic siltstone			
2	75	✓	✓			Y ✓	✓			AA			
3	76	✓				SIV ✓			✓	Siliceous + Sericitic siltstone + 7% Hematite	0.04	18	
4	77					qm ✓		✓	✓	AA without hematite			
5	78		✓ PU			qm qm qm		✓	✓	AA + 5% hematite			
6	79		✓ PU			qm qm qm		✓	✓	AA	40.01	21	
7	R4180		✓ PU			qm qm qm			✓	AA + Trace quartz			
8	81				✓	qm ✓			✓	Siliceous + sericitic siltstone			
9	82	✓		✓		qm ✓			✓	AA	0.01	13	
10	83					PU ✓			✓	AA			
11	84	✓		✓		qm ✓			✓	AA			
12	R4185	✓		✓				✓	✓	AA	40.01	11	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHR8136 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89220.4 E 30770.5 N RL: 325.5 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4186					✓ pu		✓	✓	sericitic siltstone			
2	87	✓		✓		qm			✓	laterite + 30% siliceous siltstone			
3	88	✓		✓		qm			✓	AA	40.01	10	
4	89					qm			✓	sericitic + siliceous siltstone + 15% quartz			
5	90					✓ qm			✓	AA			
6	91	✓		✓		qm		✓	✓	AA	40.01	9	
7	92					qm			✓	AA			
8	93	✓		✓		qm		✓	✓	AA			
9	94	✓			✓	qm			✓	AA	0.01	7	
10	95	✓		✓		qm			✓	AA			
11	96	✓		✓		qm			✓	AA			
12	R4197	✓		✓		qm			✓	AA	0.02	6	

AZIMUTH: **DECLINATION:** -90° **TOTAL DEPTH:** 9_m

Page ____ of ____

AUSTRALIAN DEVELOPMENT LIMITED

RAB DRILLING SHEET

HOLE NO: SHRB 138 PROSPECT: EL5071

LOGGED BY:

COLLAR COORDS: 89241.4 E 30773.2 N RL: 326.0 LINE NO:

AZIMUTH:

DECLINATION: -90°

TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR						ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W		L	H	H		Au ppm	Cu ppm	
1	R4207	✓		✓				✓			Latick			
2	8	✓		✓	✓			✓			AA			
3	9	✓		✓							Siliceous + sericite sillstone + 10% quartz	0.02	15	
4	10	✓		✓			✓ pu	✓			AA			
5	11						✓ pu			✓	AA			
6	12									✓	AA	0.03	12	
7	R4213										AA			
8	14	✓			✓		✓ qm			✓	AA			
9	15		✓				✓ qm			✓	Taolinite + Hematite Veins	0.03	6	
10	16	✓	✓				✓ qm			✓	AA			
11	17	✓								✓	Siliceous + sericite sillstone			
12	R4218	✓	✓				✓ qm			✓	AA	0.03	10	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB 139 PROSPECT: EL 5071 LOGGED BY:
COLLAR COORDS: 89241.0 E 30770.8 N RL: 326.0 LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4219	✓		✓		Y ✓				Lateite			
2	20	✓	✓	✓		Y ✓	✓			AA			
3	21	✓	✓	✓		Y ✓	✓			AA	0.03	11	
4	22	✓		✓		✓ pu			✓	Siliceous + sericitic Siltstone + 5% quartz			
5	23	✓	✓	✓		✓ pu			✓	AA			
6	24	✓				✓ pu			✓	AA	0.02	6	
7	R4225	✓				✓ ✓			✓	AA			
8	26	✓				✓ qm			✓	AA			
9	27	✓				✓ qm			✓	AA	0.01	6	
10	28	✓			✓				✓	AA			
11	29	✓				✓ li			✓	AA			
12	R4230	✓				✓ pu			✓	AA	0.04	6	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB-140 PROSPECT: EL5041 LOGGED BY:
COLLAR COORDS: 89241.6 E 30769.4 N 326.0(RL) LINE NO:
AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R4231	✓		✓						Siliceous + sericitic siltstone			
2	32	✓		✓		✓ pu		✓	✓	AA + 10% quartz			
3	33	✓		✓		✓ pu			✓	AA	0.01	10	
4	34	✓		✓		✓ qm			✓	AA			
5	35	✓		✓		✓ qm			✓	AA + Trace hematite Vns			
6	36	✓			✓	✓ qm			✓	AA	0.01	6	
7	37	✓			✓	✓ qm			✓	AA			
8	38	✓			✓	✓ qm			✓	AA			
9	39	✓			✓	✓ qm			✓	Siliceous + sericitic siltstone	0.03	5	
10	40	✓			✓	✓ qm			✓	AA			
11	41	✓			✓	✓ qm			✓	AA			
12	R4242	✓			✓	✓ qm			✓	AA + 5% quartz	0.01	6	

AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

HOLE NO: SHRB141 PROSPECT: EL5071 LOGGED BY:
 COLLAR COORDS: 89243.1 E 30774.5 N RL: 326.1 LINE NO:
 AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	H	H		Au ppm	Cu ppm	
1	R4243	✓		✓			✓			Latic + 20% quartz			
2	44	✓		✓		✓ pu				Siliceous + sericitic siltstone + 15% quartz			
3	45	✓	✓	✓		✓ pu	✓	✓		AA	0.03	12	
4	46	✓	✓	✓		✓ pu	✓	✓		AA			
5	47	✓		✓		✓ pu		✓		AA			
6	48	✓	✓	✓		✓ pu		✓	✓	AA + 5% hematite vns	0.05	9	
7	49	✓		✓				✓	✓	AA without hematite			
8	50	✓		✓				✓		AA			
9	51	✓		✓				✓		AA	0.03	8	
10	52	✓		✓				✓		AA			
11	53					✓ qm		✓		AA			
12	R4254					✓ qm	✓	✓		AA	0.04	11	

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AUSTRALIAN DEVELOPMENT LIMITED RAB DRILLING SHEET

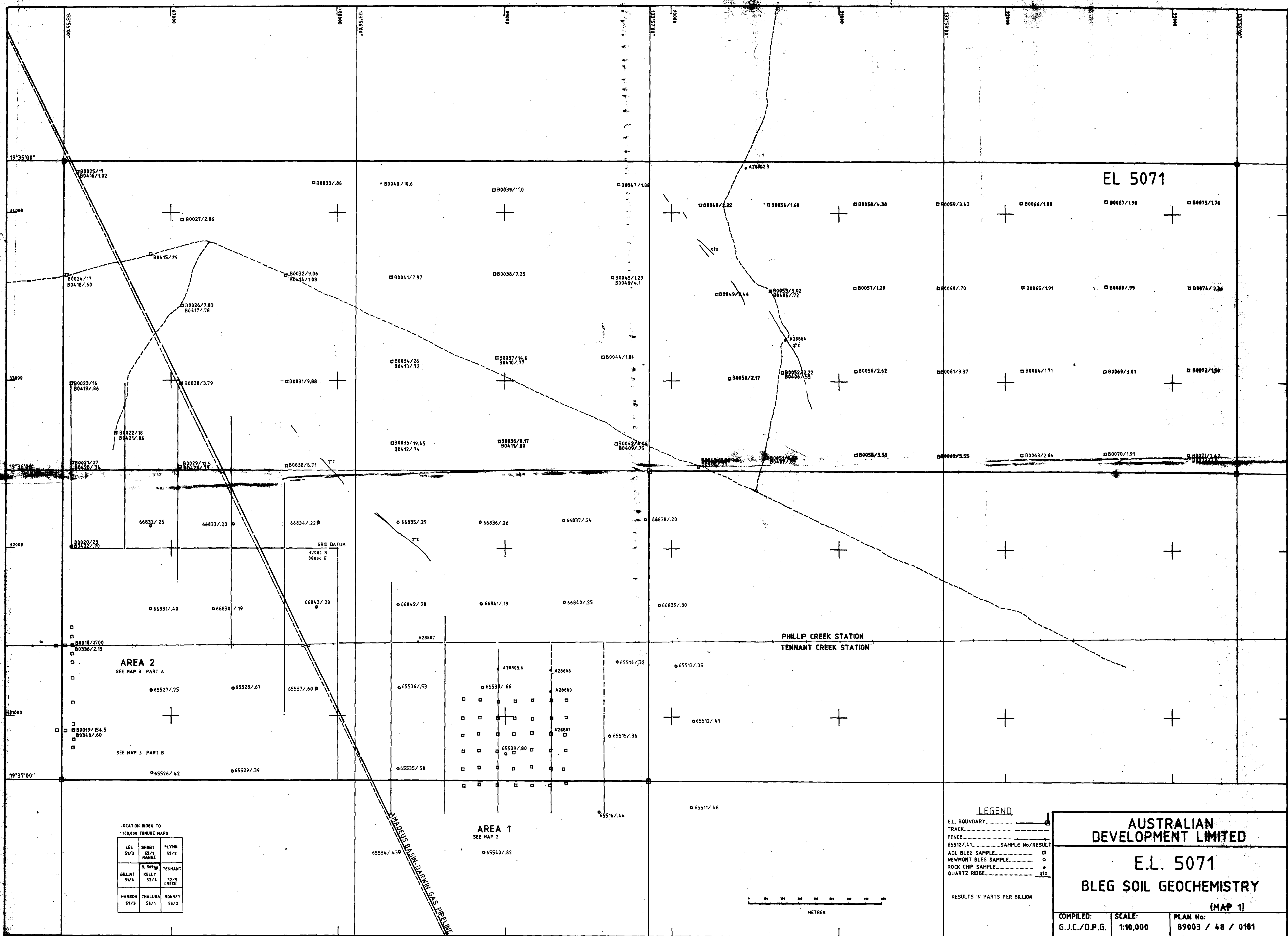
HOLE NO: SHAB-42 PROSPECT: EL5071

LOGGED BY:

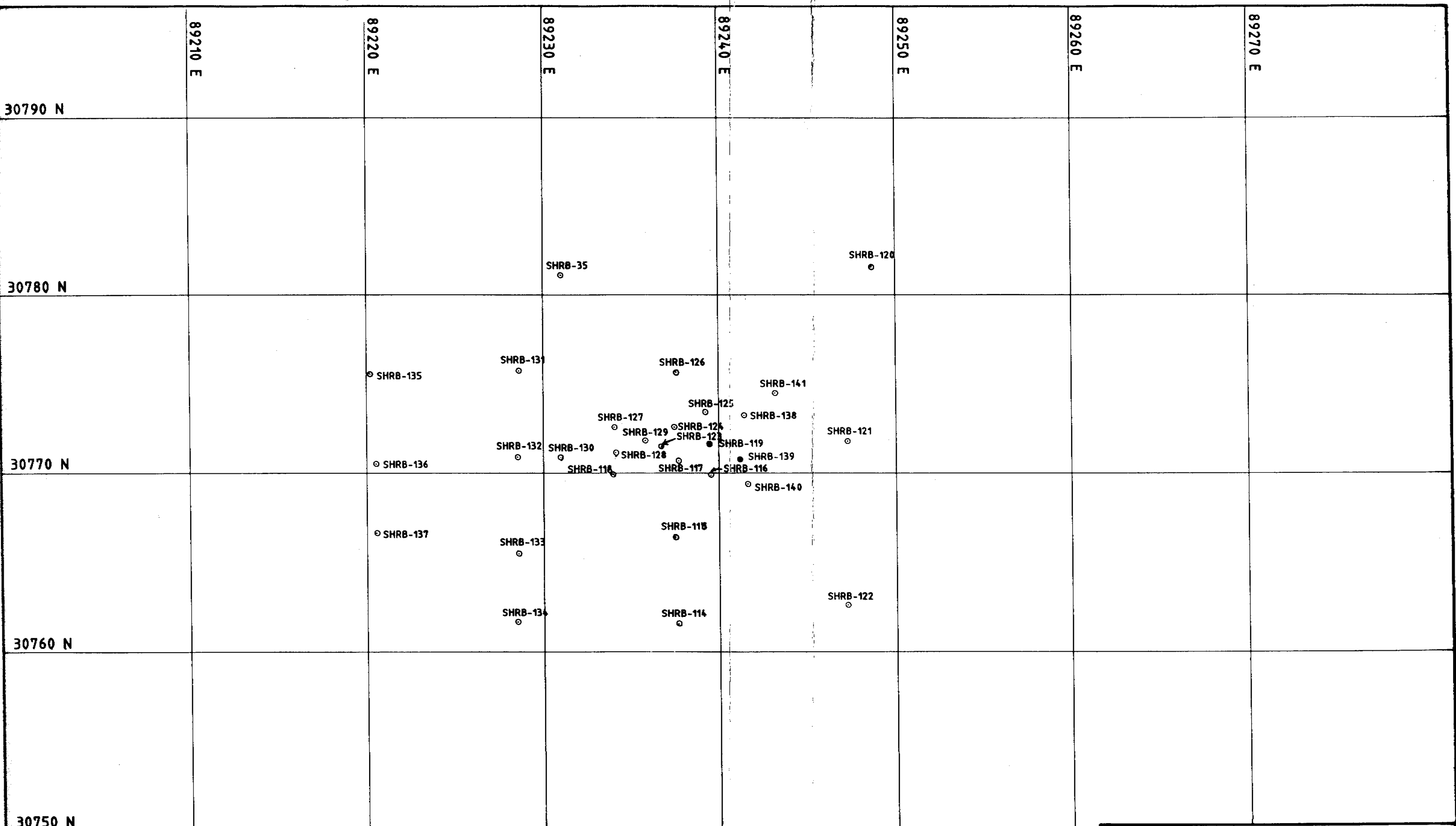
COLLAR COORDS: 89177.7 E 30859.5 NRL: 324.7 LINE NO:

AZIMUTH: DECLINATION: -90° TOTAL DEPTH: 12m

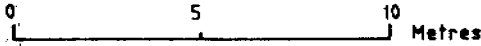
DEPTH (m)	SAMPLE NO	COLOUR					ALTERATION			LITHO-TYPE	Composite ASSAY RESULTS		
		R	BL	BR	OR	W	L	M	H		Au ppm	Cu ppm	
1	R3070	✓		✓			✓			sericitic siltstone			
2	71	✓		✓			✓			As Above			
3	72	✓		✓				✓		sericitic siltstone > sericitic shale	20.01	8	
4	73			✓		gm	✓	✓		As Above			
5	74				✓	gm	✓		✓	sericitic siltstone			
6	75			✓	✓	gm		✓	✓	siliceous + sericitic siltstone	0.01	8	
7	76				✓	gm		✓		As Above			
8	77			✓		gm		✓	✓	sericitic shale			
9	78				✓	gm		✓	✓	As Above > sericitic siltstone	20.01	7	
10	79				✓	✓		✓	✓	As Above			
11	80			✓	✓	gm		✓		As Above			
12	R3081			✓		gm	✓	✓		sandstone > siliceous + sericitic siltstone	20.01	8	







● SHRB-130 Hole location, Hole name



AUSTRALIAN DEVELOPMENT LIMITED		
MAP 2A		
RAB HOLE LOCATIONS AT GRAVEYARD, SHRIKE		
EL 5071		
COMPILED	C.J.H/D.P.G.	
DATE:	28/II/89	
SCALE:	1:200	