

EXPLORATION LICENCE NO. 1747
C.D. RONAN
REPORT FOR YEAR ENDING: NOVEMBER, 1982

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25 JUL 1995
SCANNED
NORTHWEST TERRITORY
GEOLOGICAL SURVEY

CR82/355

EXPLORATION LICENCE NO. 1747

DON RONAN

REPORT FOR YEAR ENDING: NOVEMBER, 1982

Exploration on E.L. 1747 is on an informal agreement with Northern Cement Pty. Ltd. exploring for limestone for production of quicklime and D. Ronan exploring for other minerals.

LOCATION

The 44.93 square mile area is located on the Douglas River Lease No. 575 west of the World War II Fenton Airstrip and is contained within the co-ordinates of:-

Latitude	13 ⁰	36'	and	longitude	131 ⁰	13'	and
"	13 ⁰	36'	"	"	131 ⁰	18'	"
"	13 ⁰	44'	"	"	131 ⁰	18'	"
"	13 ⁰	44'	"	"	131 ⁰	13'	.

ACCESS:

The area lies south of the Arnhem Highway and access is via an old mining and pastoral track from the Green Ant Creek crossing at the 97 mile.

Don Ronan has extended the track to his base camp near Plateau Point and into various parts of the area.

During this period, the track was improved by grading and improving the crossing on a tributary of Green Ant Creek to provide access for drilling equipment.

GEOLOGY:

Lower Proterozoic Burrell Creek Formation sandstones and the Fenton Granite outcrop over much of the area. The southern extension of the Shoobridge Fault is the major structural feature with small areas of Lower Proterozoic Golden Dyke Formation exposed against and near the Fault on the eastern side. The Burrell Creek Formation outcrops in the north western sector from the Fault to the western boundary.

In the north eastern and extreme north western sectors alluvium conceals the underlying formations. A distinguishing feature in the north central area is an outlier of Lower Cretaceous Mallaman Beds locally known as Plateau Point.

Intermittent outcrops of Middle Cambrian Tindal Limestone occur on a south easterly trend in the south eastern sector that is largely covered by alluvium.

WATER SUPPLIES:

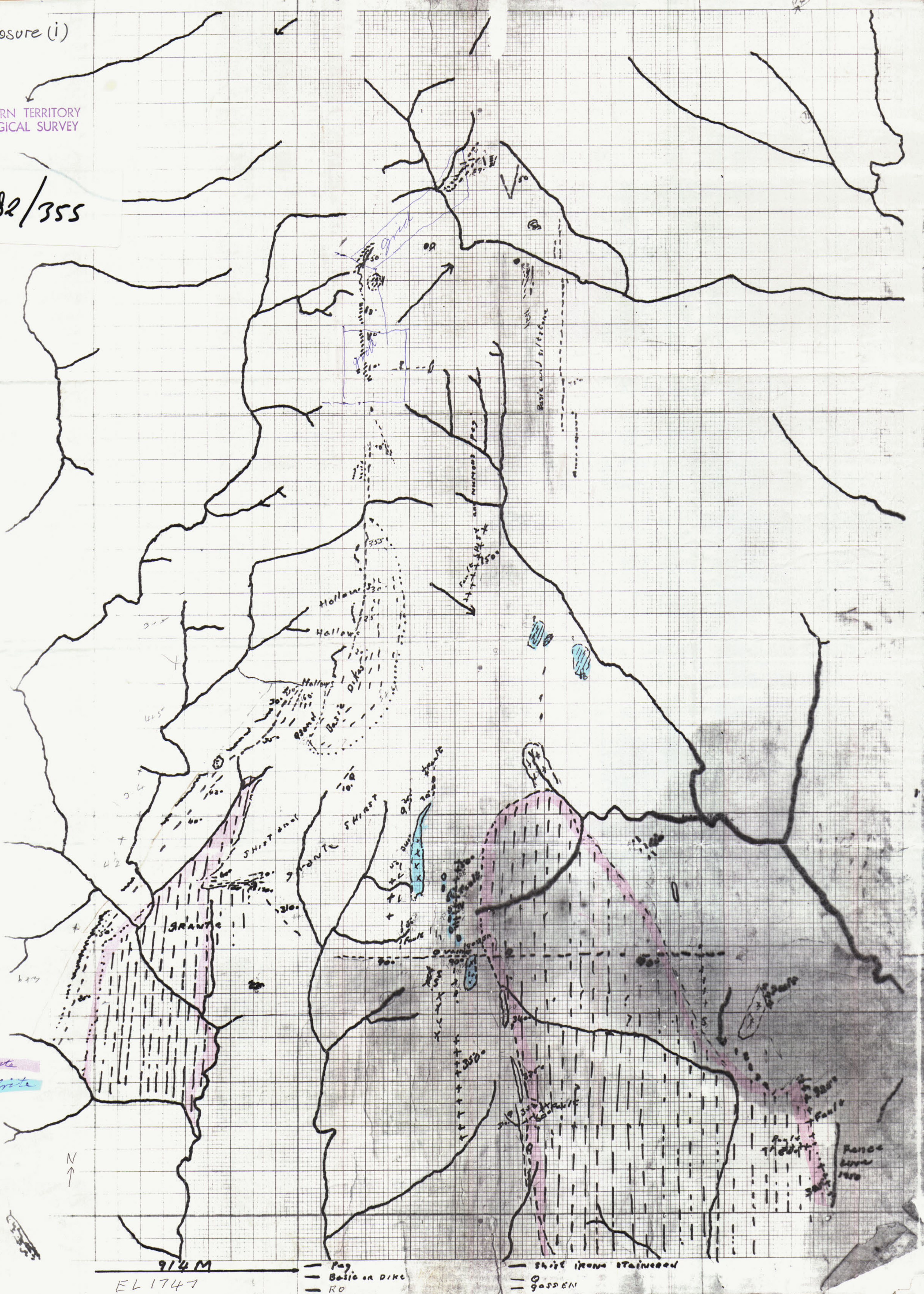
Tributaries of the Green Ant and Hayes Creek contain water up to August, with a few springs and lagoons being the remaining source of water for the later months of the wet season.

EXPLORATION:

This year exploration involved Geochemical Grid lines as shown in enclosure 2, and assaying for uranium, gold, rare earths, copper and lead.

NORTHERN TERRITORY
GEOLOGICAL SURVEY

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Enclosure 2

9050N	9100N	9150N	9200N	9250N	9300N	9350N	9400N	9450N	9500N	9550N	9600N	9650N	9700N	9750N	9800N	9850N	9900N	9950N	10000N	10050N	10100N
4.	19.	20.	35.	36.	54.	55.															
5.	18.	21.	34.	37.	53.	56.															
6.	17.	22.	33.	38.	52.	57.															
7.	16.	23.	32.	39.	51.	58.															
8.	15.	24.	31.	40.	50.	59.															
9.	14.	25.	30.	41.	49.	60.															
10.	13.	26.	29.	42.	48.	61.															
					47.																
11.	12.	27.	28.	43.	46.	62.															
121	118				45.	63.	64.	65.	66.	67.	68.	69.	70, 71.	72, 73.	74, 75.						
120	119				44.	117.	116														

random sample { 122 + 123 + 124
1 KL each

NORTHERN TERRITORY
GEOLOGICAL SURVEY

CR82/355

78
77.
76

79, 80, 81, 82 - 8384 -

90, 87, 88, 83, 86, 85

91, 92, 93, 94, 95, 96, 97

102, 101, 100, 99, 98

103, 104, 105, 106, 107, 108, 109

115, 114, 113, 112, 111, 110, 109

10100N
10050N
10000N
9950N
9900N
9850N
9800N
9750N
9700N
9650N
9600N
9550N
9500N
9450N
9400N
9350N
9300N
9250N
9200N
9150N
9100N
9050N
9000N

APPENDIX

x = not detected at the limits quoted

Results in ppm unless otherwise stated. Detection limits in brackets.

SAMPLE NO.	Ce (200)	La (50)	Y (10)	Yb (1)	SAMPLE No.	Ce (200)	La (50)	Y (10)	Yb (1)
BS 20	x	1100	810	5	BS 71	x	510	510	5
21	x	x	110	5	72	x	x	310	4
22	x	x	210	8	73	x	x	410	8
23	x	x	210	4	74	x	510	410	4
24	x	510	210	4	75	x	510	410	5
25	x	x	210	3	103	x	x	210	4
26	x	x	110	1	104	x	x	210	1
27	x	x	410	4	105	x	1100	410	8
28	x	510	410	5	106	x	510	510	110
29	x	510	410	4	107	x	x	110	4
30	x	x	310	3	108	x	x	310	4
31	x	x	210	3	109	x	x	410	5
32	x	x	210	4	110	x	x	410	110
33	x	x	310	4	111	x	x	310	4
34	x	510	510	5	112	x	510	310	3
35	x	x	310	4	113	x	x	110	2
36	x	x	310	4	114	x	510	310	4
37	x	x	310	5	115	x	510	410	5
38	x	x	310	4	122	x	x	310	4
39	x	x	310	5	123	x	510	310	4
40	x	x	310	110	BS 124	x	x	210	3
41	x	x	210	2					
42	x	x	210	2					
43	x	x	310	4					
44	x	x	310	3					
69	x	x	210	1					
BS 70	x	x	210	3					

Results are semi-quantitative. Elements apparently present in concentrations of economic

THE AUSTRALIAN MINERAL DEVELOPMENT LABORATORIES

FORM 38

REPORT AC

2378/83

ANALYSIS

p.p.m

Sheet 1/2

Sample No.	U		SAMPLE No.	U		SAMPLE No.	U	
BS 1	1.7		BS 26	2.8		BS 51	3.4	
2	2.3		27	6.1		52	3.2	
3	1.7		28	4.2		53	3.6	
4	3.3		29	2.3		54	3.7	
5	3.7		30	3.1		55	4.1	
6	3.7		31	3.6		56	4.3	
7	2.3		32	3.6		57	4.5	
8	5.0		33	7.7		58	2.8	
9	3.6		34	6.2		59	6.3	
10	4.1		35	6.1		60	7.1	
11	3.3		36	6.4		61	6.4	
12	1.8		37	6.3		62	3.3	
13	8.2		38	4.6		63	4.4	
14	1.3		39	4.7		64	3.3	
15	2.8		40	4.0		65	5.8	
16	4.2		41	3.0		66	4.2	
17	3.2		42	2.7		67	6.2	
18	3.1		43	2.8		68	4.9	
19	5.0		44	1.2		69	3.5	
20	7.7		45	1.1		70	3.3	
21	4.7		46	3.5		71	7.5	
22	7.6		47	3.0		72	5.1	
23	4.1		48	2.5		73	4.5	
24	3.3		49	1.9		74	3.4	
BS 25	3.5		BS 50	7.2		BS 75	3.2	

METHOD

J3/2

THE AUSTRALIAN MINERAL DEVELOPMENT LABORATORIES

FORM 38

REPORT AC

2378/83

ANALYSIS

p.p.m.

Sheet 2/2

Sample No	U	SAMPLE No	U	SAMPLE No	U
BS 76	1.3	BS 102	2.5	BS 127	7.9
77	3.1	103	3.1	128	8.1
78	2.6	104	4.8	129	4.3
79	4.0	105	5.8	130	4.6
80	5.3	106	5.7	131	10.4
82	7.4	107	4.3	132	16.7
83	2.6	108	5.3	133	6.8
84	2.6	109	3.4	134	5.4
85	2.9	110	4.1	135	7.2
86	2.4	111	4.3	136	4.8
87	2.5	112	5.1		
88	3.1	113	1.8		
89	5.5	114	1.9		
90	2.6	115	3.2		
91	2.3	116	1.7		
92	3.5	117	0.9		
93	2.2	118	1.4		
94	2.4	119	2.4		
95	1.9	120	1.7		
96	2.0	121	2.2		
97	4.3	122	1.6		
98	2.1	123	1.6		
99	1.8	124	1.3		
100	2.7	125	6.5		
BS 101	2.0	BS 126	4.4		

METHOD:

J3/2

2140/83

Results in ppm unless otherwise stated

BATCH NO.

1/2

	Sample No.	AU						
	Std							
2	BS1	<0.01						
3	BS2	<0.01						
4	BS3	<0.01						
5	BS4	<0.01						
6	BS5	<0.01						
7	BS6	<0.01						
8	BS7	<0.01						
9	BS8 *	<0.01						
10	BS9	<0.01						
11	BS10	0.01						
12	BS11	0.02						
13	BS12	0.03						
14	BS13	<0.01						
15	BS14	0.01						
16	BS15	<0.01						
17	BS16	<0.01						
18	BS17	<0.01						
19	BS18	<0.01				Code	C3/3	
20	BS8 *							

FORM 6

JOB 2140/83

AMDEL ANALYTICAL SERVICE

Results in ppm unless otherwise stated

BATCH NO.

2/3

TT	Sample No.	AU						
1	BS19	0.01						
2	BS20	0.02						
3	BS21 *	<0.01						
4	BS22	<0.01						
5	BS23	<0.01						
6	BS24	<0.01						
7	BS25	<0.01						
8	BS26	0.02						
9	BS27	0.02						
10	BS28	<0.01						
11	BS29	0.01						
12	BS30	0.02						
13	Std							
14	BS31	<0.01						
15	BS32	<0.01						
16	BS33	<0.01						
17	BS34	<0.01						
18	BS35	0.01						
19	BS26	<0.01				Code	C3/3	
20	BS21 *							

B 2140/83

Results in ppm unless otherwise stated

BATCH NO. 3/4

	Sample No.	AU						
1	BS 37	0.01						
2	BS 38	0.01						
3	BS 39	0.01						
4	BS 40	<0.01						
5	std							
6	BS 41	<0.01						
7	BS 42	<0.01						
8	BS 43	<0.01						
9	BS 44	<0.01						
10	BS 45	<0.01						
11	BS 46	<0.01						
12	BS 47	0.01						
13	BS 48 *	<0.01						
14	BS 49	<0.01						
15	BS 50	<0.01						
16	BS 51	<0.01						
17	BS 52	<0.01						
18	BS 53	0.01						
19	BS 54	0.01				Code	C3/3	
20	BS 48 *							

FORM 6

JOB 2140/83

AMDEL ANALYTICAL SERVICE
Results in ppm unless otherwise stated

BATCH NO. 4/5

TT	Sample No.	AU						
1	BS 55 *	<0.01						
2	BS 56	0.02						
3	BS 57	<0.01						
4	BS 58	0.01						
5	BS 59	0.01						
6	BS 60	<0.01						
7	BS 61	<0.01						
8	BS 62	<0.01						
9	BS 63	<0.01						
10	BS 64	<0.01						
11	std							
12	BS 65	<0.01						
13	BS 66	<0.01						
14	BS 67	<0.01						
15	BS 68	<0.01						
16	BS 69	0.01						
17	BS 70	<0.01						
18	BS 71	<0.01						
19	BS 72	<0.01				Code	C3/3	
20	BS 55 *							

JOB 2140/83

AMDEL ANALYTICAL SERVICE
Results in ppm unless otherwise stated

BATCH NO. 5/6

	Sample No.	AU						
1	BS 73	<0.01						
2	BS 74	<0.01						
3	BS 75	<0.01						
4	BS 76	<0.01						
5	BS 77	<0.01						
6	BS 78	<0.01						
7	BS 79	0.01						
8	BS 80	<0.01						
9	S+d							
10	BS 82	<0.01						
11	BS 83	0.01						
12	BS 84	<0.01						
13	BS 85	<0.01						
14	BS 86	<0.01						
15	BS 87	<0.01						
16	BS 88	<0.01						
17	BS 89	<0.01						
18	BS 90	<0.01						
19	BS 91	<0.01					Code	C3/3
20	BS 86							

AMDEL ANALYTICAL SERVICE

Results in ppm unless otherwise stated

BATCH NO. 6/7

FORM 6

JOB 2140/83

TT	Sample No.	AU						
1	BS 92	0.01						
2	BS 93	<0.01						
3	BS 94	<0.01						
4	BS 95	<0.01						
5	BS 96	<0.01						
6	S+d							
7	BS 97	<0.01						
8	BS 98	<0.01						
9	BS 99	<0.01						
10	BS 100	<0.01						
11	BS 101	<0.01						
12	BS 102	<0.01						
13	BS 103	<0.01						
14	BS 104	<0.01						
15	BS 105	<0.01						
16	BS 106	<0.01						
17	BS 107	<0.01						
18	BS 108	<0.01						
19	BS 109	<0.01					Code	C3/3
20	BS 101							

2140/83

Results in ppm unless otherwise stated

BATCH NO. 7/8

	Sample No.	Au						
1	BS110	<0.01						
2	BS111	<0.01						
3	BS112	0.01						
4	BS113 *	<0.01						
5	BS114	<0.01						
6	BS115	<0.01						
7	BS116	<0.01						
8	BS117	0.01						
9	BS118	<0.01						
10	BS119	<0.01						
11	BS120	<0.01						
12	BS121	<0.01						
13	BS122	<0.01						
14	BS123	<0.01						
15	BS124	<0.01						
16	BS125	0.01						
17	BS126	<0.01						
18	BS127	<0.01						
19	Std					Code	C3/3	
20	BS113 *							

AMDEL ANALYTICAL SERVICE

FORM 6

JOB 2140/83

Results in ppm unless otherwise stated

BATCH NO. 8

TT	Sample No.	Au						
1	BS128 *	<0.01						
2	BS129	<0.01						
3	BS130	<0.01						
4	BS131	<0.01						
5	BS132	<0.01						
6	BS133	<0.01						
7	BS134	<0.01						
8	Std.							
9	BS135	0.01						
10	BS136	0.01						
11	BS128 *					Code	C3/3	
12	Blk							
13								
14								
15								
16								
17								
18								
19								
20								



amdel

Analysis code C1

Report AC 2140/83

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NATA Certificate

Results in ppm

Sample		Cu	Pb
BS	1	14	15
BS	2	10	5
BS	3	12	<5
BS	4	55	55
BS	5	55	20
BS	6	50	25
BS	7	60	25
BS	8	70	15
BS	9	35	10
BS	10	100	35
BS	11	70	25
BS	12	50	15
BS	13	70	5
BS	14	75	10
BS	15	60	10
BS	16	100	15
BS	17	90	40
BS	18	48	20
BS	19	85	40
BS	20	75	50
BS	21	42	60
BS	22	110	50
BS	23	80	40
BS	24	44	10
BS	25	50	10
BS	26	75	15
BS	27	95	5
BS	28	22	10
BS	29	55	35
BS	30	55	15
BS	31	45	10
BS	32	38	15
BS	33	120	50
BS	34	80	35
BS	35	90	50
BS	36	75	55
BS	37	75	50
BS	38	110	65
BS	39	55	25
BS	40	55	10

Detn limit (2) (5)

Analysis code C1

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NATA Certificate

Results in ppm

Sample	Cu	Pb
BS 41	40	10
BS 42	35	10
BS 43	9	10
BS 44	100	20
BS 45	55	15
BS 46	35	10
BS 47	22	10
BS 48	14	10
BS 49	14	5
BS 50	65	35
BS 51	80	55
BS 52	80	45
BS 53	42	45
BS 54	42	35
BS 55	32	30
BS 56	32	25
BS 57	38	50
BS 58	120	65
BS 59	70	30
BS 60	35	25
BS 61	34	20
BS 62	26	20
BS 63	35	15
BS 64	22	5
BS 65	18	250
BS 66	40	20
BS 67	55	20
BS 68	10	10
BS 69	44	25
BS 70	50	20
BS 71	55	55
BS 72	75	75
BS 73	38	45
BS 74	42	10
BS 75	20	15
BS 76	44	15
BS 77	30	10
BS 78	35	15
BS 79	48	40
BS 80	44	55

Detn limit (2) (5)

Analysis code C1

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Page 3

NATA Certificate

Results in ppm

Sample	Cu	Pb
BS 82	75	65
BS 83	24	75
BS 84	20	45
BS 85	18	120
BS 86	14	60
BS 87	26	45
BS 88	33	35
BS 89	70	35
BS 90	22	25
BS 91	55	35
BS 92	50	30
BS 93	30	45
BS 94	28	55
BS 95	12	65
BS 96	4	20
BS 97	6	25
BS 98	14	20
BS 99	18	15
BS 100	20	20
BS 101	10	15
BS 102	16	15
BS 103	36	5
BS 104	55	10
BS 105	80	10
BS 106	44	10
BS 107	60	10
BS 108	70	10
BS 109	48	15
BS 110	40	20
BS 111	50	15
BS 112	75	10
BS 113	60	10
BS 114	46	20
BS 115	140	15
BS 116	42	15
BS 117	120	25
BS 118	130	25
BS 119	32	30
BS 120	60	40
BS 121	40	20

Detn limit (2) (5)

Analysis code C1

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NATA Certificate

Results in ppm

Sample	Cu	Pb
BS 122	18	30
BS 123	16	40
BS 124	8	10
BS 125	120	55
BS 126	140	35
BS 127	200	100
BS 128	230	160
BS 129	55	60
BS 130	85	60
BS 131	160	25
BS 132	230	30
BS 133	90	10
BS 134	320	220
BS 135	290	150
BS 136	270	200
Detn limit	(2)	(5)