



Bureau Veritas Minerals Pty Ltd

ABN: 30 008 127 802



MINERAL TESTING & LABORATORY SERVICES

58 Sorbonne Crescent Canning Vale
Perth WA 6155 Australia

Telephone (08) 9456 0404
Facsimile (08) 9456 0403

Reference: **u252472**
Date Finished: 11/12/2014
Order:
Project:
Date Received: 01/12/2014
Samples Analysed: **71**

REVISED REPORT

Analysis of Mineral Samples

for

Redbank Copper Ltd

24 Mumford Place
Balcatta Perth WA 6021

Attention: Mr. Jason Boladeras

Authorised By:

Stephen Boyd

General Manager

Bureau Veritas Minerals Pty Ltd



Bureau Veritas Minerals Pty Ltd



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Reference: u252472 Order Number: Page 1 of 12

	Ag ppm	As ppm	Ba ppm	Bi ppm	Ce ppm	Er ppm	Eu ppm	La ppm
Detection Limit	0.5	1	1	0.1	0.1	0.05	0.05	0.1
REDD1	<0.5	35	757	1.1	68.9	4.55	1.45	29.9
REDD2	<0.5	10	851	1.1	61.4	3.95	1.50	25.9
REDD3	<0.5	17	558	1.4	62.4	4.20	1.35	26.4
REDD4	1.0	11	837	1.7	52.6	3.50	1.30	22.9
Std Nominal	12.0	190	165	3.7	27.3	1.50	1.05	14.5
Determined	11.0	173	157	3.7	26.6	1.45	0.95	14.0
REDD5	5.0	61	606	7.4	49.5	3.50	1.15	19.2
REDD6	<0.5	150	868	2.8	83.6	4.25	1.30	39.0
REDD7	<0.5	8	602	0.2	49.2	3.25	0.95	19.1
REDD8	<0.5	8	1360	0.3	64.2	4.95	1.40	26.7
REDD9	<0.5	5	752	0.3	62.2	4.40	1.20	26.5
REDD10	<0.5	6	698	0.4	63.3	4.40	1.60	26.9
REDD11	<0.5	33	663	0.7	48.3	4.00	1.60	17.9
REDD12	<0.5	6	761	0.4	57.7	3.75	1.10	22.0
REDD13	<0.5	4	704	0.3	56.5	3.85	1.10	24.7
REDD13 Rpt	<0.5	5	721	0.3	57.7	3.85	1.10	25.1
REDD14	<0.5	126	695	5.7	141	3.10	1.45	65.2
REDD15	1.0	28	780	6.6	66.6	5.30	1.55	29.1
REDD16	2.5	163	1140	15.2	67.5	6.55	1.60	29.0
REDD17	2.5	129	723	21.5	56.7	6.15	2.20	20.8
REDD18	16.5	212	661	44.3	35.8	3.65	1.40	13.1
REDD19	19.5	406	567	66.3	36.3	2.80	1.45	13.7
REDD20	10.0	494	730	71.8	48.8	4.55	2.05	18.0
REDD21	7.5	242	994	47.2	51.6	5.10	1.85	18.9
REDD22	30.0	398	943	39.7	53.8	5.15	1.60	20.5
REDD23	12.0	195	10	5.9	7.2	0.35	0.15	3.2
REDD24	8.5	695	780	31.1	52.2	5.50	1.65	20.5
REDD25	2.5	119	889	10.5	54.0	5.75	1.80	20.9
REDD26	6.5	411	1080	28.2	59.9	5.15	1.50	25.5
REDD27	17.0	284	1070	37.9	50.4	4.60	1.35	19.1
REDD28	7.5	224	770	52.7	46.4	4.75	1.50	18.4
REDD29	5.0	437	684	70.9	142	5.80	1.85	69.5
REDD30	4.5	319	1050	75.3	186	5.10	1.90	87.6
REDD31	12.0	1140	719	194	135	4.15	1.40	70.8
REDD32	2.5	306	936	45.9	60.3	5.50	1.70	23.2
REDD33	7.5	869	724	157	115	4.75	1.60	55.9
REDD34	<0.5	2	367	0.1	32.8	0.65	0.55	14.7
REDD34 Rpt	<0.5	1	357	<0.1	32.3	0.60	0.50	15.1
REDD35	8.0	1270	421	136	57.5	3.95	1.30	26.0



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	Ag ppm	As ppm	Ba ppm	Bi ppm	Ce ppm	Er ppm	Eu ppm	La ppm
Detection Limit	0.5	1	1	0.1	0.1	0.05	0.05	0.1
REDD36	2.0	251	1060	26.0	55.6	5.70	1.60	23.6
Std Nominal	6.0	100	132	3.0				
Determined	6.0	96	138	3.0	22.8	1.70	1.10	9.7
REDD37	2.5	342	1010	42.3	56.8	4.15	1.30	25.6
REDD38	1.0	135	907	11.0	78.4	4.80	1.55	36.1
REDD39	<0.5	164	910	7.6	53.5	4.65	1.60	23.2
REDD40	1.0	455	804	14.3	58.6	4.50	1.30	26.8
REDD41	1.0	306	765	14.7	63.2	4.45	1.25	28.5
REDD42	1.0	125	1220	9.0	63.7	4.95	1.35	28.9
REDD43	<0.5	95	821	8.0	61.6	5.20	1.40	27.6
REDD44	<0.5	94	770	6.0	58.4	4.10	1.25	26.5
REDD45	22.0	205	16	6.1	19.0	0.75	0.30	8.8
REDD46	1.0	115	700	8.0	52.3	4.60	1.40	19.9
REDD47	1.0	175	676	7.9	57.6	3.95	1.25	25.9
REDD48	<0.5	100	701	4.5	56.2	3.60	1.25	25.2
REDD49	1.0	182	1010	8.7	43.5	3.80	1.25	17.1
REDD49 Rpt	1.0	171	1000	8.9	46.2	3.80	1.25	17.3
REDD50	1.0	140	537	5.8	71.2	3.50	1.25	31.8
REDD51	1.0	131	775	5.3	167	4.10	1.65	77.0
REDD52	<0.5	140	691	4.8	43.4	4.30	1.60	16.4
REDD53	<0.5	136	1280	1.8	60.5	3.85	1.25	26.7
REDD54	1.0	429	534	7.7	103	4.65	1.45	50.9
REDD55	<0.5	225	694	3.3	80.2	4.70	1.40	37.2
REDD56	<0.5	168	686	2.6	72.0	5.00	1.40	32.2
REDD57	<0.5	186	544	2.8	72.0	4.90	1.25	32.3
Std Nominal	6.0	3	268	2.3				
Determined	6.0	4	274	2.3	34.1	0.70	0.70	14.8
REDD58	<0.5	228	594	4.4	61.9	5.20	1.30	25.3
REDD59	<0.5	198	832	4.2	62.2	5.10	1.30	25.9
REDD60	1.5	834	854	15.9	102	4.30	1.35	47.7
REDD61	<0.5	364	762	6.0	111	4.45	1.35	53.4
REDD62	<0.5	110	844	2.2	57.4	4.30	1.15	25.3
REDD63	<0.5	26	643	0.6	71.6	3.55	0.95	33.2
REDD64	1.0	500	618	7.9	62.5	4.70	1.45	26.8
REDD65	<0.5	135	642	3.7	64.7	4.45	1.25	28.6
REDD66	1.5	1030	522	12.1	61.4	3.60	1.15	29.2
REDD67	<0.5	91	41	0.8	6.0	0.35	0.15	3.3
REDD68	1.5	349	632	6.1	52.7	4.50	1.55	23.0
REDD69	1.5	999	538	13.3	348	3.60	1.65	177



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Detection Limit	0.5	1	1	0.1	0.1	0.05	0.05	0.1
REDD70	<0.5	112	765	4.8	88.5	4.40	1.35	40.3
REDD71	<0.5	13	456	0.2	59.1	3.50	1.40	25.7
REDD71 Rpt	<0.5	12	412	0.2	55.8	3.25	1.35	25.7
Std Nominal	8.0							
Determined	7.5	9	361	17.1	76.8	2.50	0.95	38.2
Std Nominal	12.0							
Determined	11.0	14	388	26.8	81.8	2.50	1.00	40.1
Std Nominal	45.0	50		97.2				
Determined	45.0	48	251	96.8	58.0	1.65	0.75	29.7
Std Nominal	116	559	10	4.4	5.3	0.40	0.10	2.3
Determined	113	559	11	4.3	5.5	0.35	0.10	2.5



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	Nb ppm	Nd ppm	Pb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	W ppm
Detection Limit	0.5	0.05	1	0.2	1	0.5	0.1	0.5
REDD1	10.5	32.4	7	160	2	11.0	0.6	5.5
REDD2	2.5	30.7	10	193	<1	11.0	0.1	<0.5
REDD3	5.0	29.6	9	174	1	11.0	0.2	1.0
REDD4	6.5	26.5	8	164	<1	9.0	0.4	<0.5
Std Nominal	3.5	11.0	1030	24.8	4	48.0	0.3	3.5
Determined	4.0	10.9	1090	24.0	3	44.5	0.2	3.5
REDD5	16.0	26.2	34	111	2	9.5	0.8	2.5
REDD6	16.5	39.2	9	109	1	15.0	0.8	0.5
REDD7	15.5	24.9	4	120	2	13.0	0.7	1.5
REDD8	16.5	31.9	6	135	3	14.5	0.8	7.5
REDD9	17.0	30.3	4	116	2	16.0	0.8	4.0
REDD10	18.0	30.3	7	176	3	18.5	0.9	2.5
REDD11	16.0	24.8	7	160	2	28.5	0.8	2.0
REDD12	19.0	28.6	6	127	2	12.5	0.9	1.0
REDD13	18.5	28.0	4	121	2	12.0	0.8	1.0
REDD13 Rpt	18.5	28.6	4	117	2	12.0	0.8	1.0
REDD14	19.0	53.5	26	282	5	41.0	1.3	3.0
REDD15	21.5	33.6	79	169	4	16.0	1.1	4.0
REDD16	17.0	34.6	134	139	2	12.5	0.7	4.5
REDD17	23.5	35.4	299	109	3	9.0	1.1	4.0
REDD18	14.5	21.7	373	99.2	2	8.5	0.7	3.0
REDD19	15.0	22.3	675	104	2	9.0	0.7	3.0
REDD20	17.5	30.7	366	120	2	10.0	0.9	2.0
REDD21	20.5	29.8	226	131	2	11.5	1.0	3.5
REDD22	20.5	29.3	280	144	2	10.0	1.0	2.5
REDD23	1.5	3.50	372	1.0	4	8.0	<0.1	3.0
REDD24	20.0	30.7	83	136	2	11.0	1.0	3.0
REDD25	18.5	30.9	35	148	2	11.5	0.9	3.0
REDD26	17.0	30.6	69	138	2	14.0	0.8	3.0
REDD27	19.0	26.7	106	122	2	9.5	0.9	1.5
REDD28	21.0	26.4	171	122	3	16.0	1.1	2.5
REDD29	21.5	58.0	211	114	4	52.0	1.1	6.5
REDD30	22.0	70.4	283	123	3	74.0	1.1	5.5
REDD31	16.0	52.6	951	109	3	50.0	0.8	4.5
REDD32	19.5	32.3	174	152	3	14.0	1.0	8.5
REDD33	21.0	46.2	739	118	2	37.5	1.0	4.0
REDD34	4.0	13.1	9	77.0	1	18.5	0.2	2.0
REDD34 Rpt	2.0	12.2	7	79.8	<1	18.5	<0.1	2.0
REDD35	15.0	25.8	700	121	2	14.0	1.0	4.0



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	Nb ppm	Nd ppm	Pb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	W ppm
Detection Limit	0.5	0.05	1	0.2	1	0.5	0.1	0.5
REDD36	14.5	29.7	75	179	4	11.5	0.9	18.0
Std Nominal	4.0		510		2	104	<0.1	3.0
Determined	4.0	10.2	527	672	2	94.5	0.3	2.0
REDD37	9.0	27.9	154	170	<1	7.5	0.6	1.0
REDD38	5.5	36.2	29	150	<1	13.0	0.3	1.0
REDD39	7.0	27.8	19	167	<1	12.0	0.4	1.5
REDD40	9.5	28.1	25	139	<1	10.5	0.6	1.0
REDD41	5.5	30.2	22	131	<1	8.5	0.4	<0.5
REDD42	4.5	31.2	16	144	<1	10.0	0.3	<0.5
REDD43	7.5	31.0	13	146	1	12.0	0.4	3.5
REDD44	11.5	28.2	12	156	1	9.5	0.7	3.5
REDD45	2.0	7.85	234	3.2	6	16.0	0.2	1.5
REDD46	14.0	26.7	15	157	3	9.5	0.9	6.5
REDD47	14.0	27.3	11	134	2	12.0	0.9	3.5
REDD48	11.0	26.8	9	131	2	11.5	0.8	1.5
REDD49	9.5	23.1	13	167	2	10.0	0.7	3.0
REDD49 Rpt	10.0	23.3	13	162	2	10.5	0.6	2.5
REDD50	12.0	30.8	10	124	2	12.0	0.9	2.0
REDD51	17.0	63.3	11	148	4	38.0	1.1	8.5
REDD52	5.5	24.1	9	139	<1	11.5	0.3	<0.5
REDD53	14.5	29.3	4	129	1	7.5	0.9	1.0
REDD54	17.5	40.8	12	120	2	24.5	1.2	1.5
REDD55	17.5	36.0	8	108	3	15.0	1.1	4.5
REDD56	19.0	34.6	7	110	3	11.0	1.1	5.5
REDD57	19.0	32.3	7	112	3	15.0	1.2	2.5
Std Nominal			60		4			
Determined	3.0	14.6	61	13.4	3	263	0.1	<0.5
REDD58	14.0	30.2	9	127	2	10.5	1.0	4.5
REDD59	10.5	30.3	9	160	2	8.5	0.6	4.0
REDD60	13.5	40.7	25	158	3	32.5	0.9	3.5
REDD61	13.5	43.0	11	134	3	37.5	0.9	8.0
REDD62	14.0	28.6	6	128	1	7.5	0.8	1.0
REDD63	17.5	31.0	3	126	2	13.5	1.1	1.0
REDD64	16.0	31.3	18	118	3	8.5	1.1	9.0
REDD65	16.0	30.5	10	129	3	10.0	1.0	7.5
REDD66	14.5	27.1	29	98.0	3	14.5	0.9	5.0
REDD67	1.0	2.70	35	2.2	3	129	<0.1	24.0
REDD68	14.0	27.3	18	107	2	11.5	0.9	2.0
REDD69	15.0	110	34	141	4	139	1.1	6.0



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	Nb ppm	Nd ppm	Pb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	W ppm
Detection Limit	0.5	0.05	1	0.2	1	0.5	0.1	0.5
REDD70	17.0	37.9	11	150	5	21.5	1.1	17.0
REDD71	17.0	28.5	4	166	2	14.0	1.1	1.5
REDD71 Rpt	16.0	26.8	3	151	2	13.0	0.9	1.0
Std Nominal			66					
Determined	12.5	30.8	64	139	45	15.0	1.0	4.0
Std Nominal								
Determined	12.5	31.0	99	142	64	17.5	0.9	4.0
Std Nominal			345		206			
Determined	8.0	21.1	335	81.0	218	11.0	0.6	4.0
Std Nominal	1.0	3.00	2590	2.8	13	5.0		<0.5
Determined	0.5	3.05	2540	2.6	13	4.5	<0.1	<0.5



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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
Detection Limit	0.1	0.01	5	2	0.01	0.01	0.01	2
REDD1	46.2	1.02	50	3530	3.21	8.87	1.53	160
REDD2	44.2	1.64	15	3620	2.04	10.1	1.01	302
REDD3	46.2	1.50	30	6090	3.69	8.95	1.79	296
REDD4	40.5	1.43	15	5390	1.88	10.0	0.98	280
Std Nominal	14.2	1.22	65	2910	12.0	0.60	1.80	1500
Determined	14.0	1.22	70	2990	12.0	0.59	1.76	1520
REDD5	34.9	2.85	30	3.92%	5.64	8.06	1.86	786
REDD6	44.1	0.78	45	1410	4.13	8.83	1.90	98
REDD7	32.8	6.15	5	628	1.78	8.57	3.25	1530
REDD8	47.1	3.80	15	46	3.46	8.21	3.04	1010
REDD9	44.4	5.29	20	48	3.45	7.68	3.88	1680
REDD10	38.8	3.35	25	412	6.47	6.50	4.42	988
REDD11	37.7	6.91	20	204	4.40	5.88	5.35	1620
REDD12	37.6	3.18	15	136	2.53	9.00	2.50	704
REDD13	38.2	3.77	10	122	2.47	8.83	2.78	846
REDD13 Rpt	38.7	3.78	10	124	2.47	8.64	2.79	850
REDD14	27.9	2.04	50	518	4.41	7.35	3.11	690
REDD15	51.7	0.58	40	5110	3.99	9.85	1.49	72
REDD16	61.2	0.70	150	1.30%	3.67	10.4	0.53	36
REDD17	57.9	0.65	125	2470	5.77	8.07	2.25	86
REDD18	33.0	0.39	120	10.2%	11.2	7.10	0.60	42
REDD19	24.2	0.39	225	11.5%	11.8	7.41	0.30	40
REDD20	42.4	0.57	365	6.41%	8.18	8.15	0.77	46
REDD21	51.7	0.56	315	2.27%	4.61	9.40	0.89	44
REDD22	54.1	0.56	300	1.17%	4.27	9.59	0.93	40
REDD23	3.1	0.19	550	5.01%	34.2	0.10	0.39	150
REDD24	58.9	0.63	890	6250	5.79	9.00	1.71	50
REDD25	58.7	0.67	100	1.12%	3.92	9.39	1.24	42
REDD26	52.4	0.60	500	1.54%	4.16	9.64	1.09	34
REDD27	47.7	0.75	425	5.12%	6.72	9.20	0.73	58
REDD28	52.4	0.53	195	1.92%	8.21	7.80	2.63	62
REDD29	58.0	0.62	235	1760	11.2	7.90	1.60	50
REDD30	54.0	0.65	230	896	6.39	9.33	1.10	40
REDD31	42.6	0.46	850	1420	14.3	7.48	1.10	32
REDD32	51.4	0.55	225	234	5.43	9.84	0.96	34
REDD33	50.7	0.57	590	1340	9.85	8.44	1.34	36
REDD34	6.4	0.11	5	12	1.18	1.74	0.37	86
REDD34 Rpt	6.2	0.11	<5	12	1.18	1.70	0.38	86
REDD35	42.8	0.49	550	1000	13.9	6.33	1.85	38



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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
Detection Limit	0.1	0.01	5	2	0.01	0.01	0.01	2
REDD36	58.0	0.62	145	204	5.94	9.02	1.87	50
Std Nominal	16.0	2.48	45	1500	8.65	2.35	1.71	1180
Determined	17.3	2.50	45	1520	8.91	2.37	1.75	1170
REDD37	47.3	0.72	190	470	5.27	9.62	1.21	40
REDD38	55.7	0.79	65	654	4.87	9.58	1.94	44
REDD39	51.1	0.73	50	1080	5.75	9.13	2.07	50
REDD40	48.7	0.68	80	202	6.13	8.89	1.72	42
REDD41	51.0	0.74	100	244	5.56	9.24	2.01	42
REDD42	55.5	0.78	105	5600	4.40	9.40	1.53	32
REDD43	56.5	0.70	50	2780	4.09	9.04	1.51	40
REDD44	44.5	0.65	50	3870	4.63	9.88	1.65	40
REDD45	7.9	0.41	760	13.0%	28.1	0.21	1.07	246
REDD46	49.1	0.57	150	5360	5.56	8.91	1.82	60
REDD47	43.6	0.54	50	6950	6.58	8.58	1.75	40
REDD48	42.8	0.53	35	5580	6.03	8.88	1.55	36
REDD49	42.6	0.51	95	9550	6.82	8.22	1.79	42
REDD49 Rpt	42.2	0.50	100	9600	6.90	8.36	1.81	44
REDD50	37.6	0.43	70	1.23%	9.39	7.28	2.34	50
REDD51	44.2	0.49	75	4730	5.25	8.90	2.12	48
REDD52	47.1	0.64	140	1200	4.22	9.11	1.85	38
REDD53	45.5	0.64	30	1980	5.20	8.97	1.93	38
REDD54	47.7	0.59	100	1780	8.72	7.77	2.76	50
REDD55	50.5	0.60	55	1550	8.57	7.56	2.60	50
REDD56	53.5	0.61	50	1610	8.27	7.59	2.79	52
REDD57	48.8	0.59	55	1190	8.71	7.41	3.07	56
Std Nominal		2.21	670	1.19%	25.5	0.62	1.79	704
Determined	7.2	2.24	650	1.18%	25.5	0.63	1.81	708
REDD58	55.1	0.60	80	848	8.00	7.73	2.58	58
REDD59	52.4	0.59	70	454	4.66	9.11	1.67	40
REDD60	46.1	0.48	210	1760	7.00	8.55	1.63	48
REDD61	45.9	0.51	75	858	5.29	9.20	1.51	38
REDD62	45.8	0.61	30	1000	4.18	9.11	1.56	34
REDD63	41.0	0.53	25	436	4.60	8.86	2.14	46
REDD64	48.8	0.57	100	518	7.19	8.01	2.38	50
REDD65	47.4	0.53	55	142	5.26	8.49	2.40	50
REDD66	39.4	0.48	115	258	12.5	6.64	1.99	42
REDD67	4.2	1.82	25	1670	24.9	0.19	0.36	316
REDD68	48.8	0.65	90	246	8.07	7.25	2.94	56
REDD69	37.7	0.34	175	170	11.3	6.96	2.80	66



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MINERAL TESTING & LABORATORY SERVICES

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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
Detection Limit	0.1	0.01	5	2	0.01	0.01	0.01	2
REDD70	45.8	0.55	60	132	4.53	9.41	1.60	40
REDD71	45.2	2.19	5	4	2.09	10.2	1.62	602
REDD71 Rpt	44.0	2.20	<5	4	2.04	10.4	1.60	606
Std Nominal			40	2.59%				
Determined	27.2	0.30	40	2.60%	9.03	2.18	2.27	1020
Std Nominal			50	3.93%				
Determined	28.5	0.33	50	3.95%	10.1	2.06	2.11	990
Std Nominal		0.19	120	14.8 %	19.6	1.20	1.36	
Determined	17.2	0.20	125	14.4%	19.9	1.18	1.32	618
Std Nominal	3.9	0.22	330	24.0 %	29.3	0.03	0.51	104
Determined	3.6	0.21	330	24.1%	29.1	0.04	0.50	102



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDD1	32	2700	1.49%	28
REDD2	16	1500	1.24%	16
REDD3	28	2600	1.50%	28
REDD4	10	2150	1.31%	8
Std Nominal	94	250	2500	1.04%
Determined	98	300	2450	1.03%
REDD5	16	2100	1.28%	52
REDD6	32	3050	1.71%	24
REDD7	12	2000	1.12%	12
REDD8	10	2000	1.22%	66
REDD9	20	2150	1.23%	88
REDD10	20	1700	1.08%	152
REDD11	22	1650	9150	98
REDD12	10	2600	1.42%	38
REDD13	10	2600	1.40%	32
REDD13 Rpt	10	2600	1.40%	34
REDD14	36	750	4450	78
REDD15	32	2750	1.43%	36
REDD16	60	3000	1.49%	20
REDD17	50	3000	1.60%	52
REDD18	22	1800	1.02%	108
REDD19	46	1850	1.05%	1120
REDD20	130	2550	1.38%	54
REDD21	108	2650	1.53%	36
REDD22	94	2450	1.47%	48
REDD23	34	250	300	4240
REDD24	280	3000	1.66%	42
REDD25	50	3150	1.63%	42
REDD26	144	2850	1.50%	74
REDD27	122	3100	1.68%	860
REDD28	72	2550	1.36%	72
REDD29	68	2800	1.44%	46
REDD30	46	3200	1.59%	72
REDD31	112	2350	1.16%	90
REDD32	66	2700	1.45%	56
REDD33	98	3150	1.49%	68
REDD34	12	200	1050	6
REDD34 Rpt	10	200	1000	8
REDD35	120	2300	1.30%	64



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDD36	58	2650	1.49%	44
Std Nominal	74	600	5100	5200
Determined	76	650	5100	5290
REDD37	50	2450	1.12%	68
REDD38	42	2400	1.30%	44
REDD39	40	2550	1.15%	46
REDD40	48	2550	1.09%	32
REDD41	50	2300	9950	36
REDD42	60	2400	1.07%	32
REDD43	24	2600	1.53%	30
REDD44	86	2750	1.50%	32
REDD45	28	300	800	4120
REDD46	70	2850	1.57%	104
REDD47	34	2550	1.40%	30
REDD48	28	2250	1.19%	30
REDD49	44	2150	1.04%	38
REDD49 Rpt	44	2100	1.10%	36
REDD50	48	1900	1.01%	38
REDD51	38	2650	1.39%	38
REDD52	74	2300	1.42%	94
REDD53	34	3050	1.60%	36
REDD54	50	3150	1.62%	44
REDD55	44	2900	1.55%	40
REDD56	44	2850	1.60%	44
REDD57	46	2800	1.69%	48
Std Nominal	1.95%	700	2500	236
Determined	1.91%	750	2550	240
REDD58	46	2650	1.35%	50
REDD59	48	2600	1.45%	34
REDD60	60	2400	1.12%	32
REDD61	30	2650	1.46%	34
REDD62	24	3000	1.56%	32
REDD63	48	2750	1.65%	38
REDD64	44	2850	1.47%	38
REDD65	32	2550	1.57%	40
REDD66	46	2250	1.32%	36
REDD67	26	900	200	64
REDD68	50	2850	1.33%	50
REDD69	60	1850	1.17%	50



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDD70	40	2350	1.62%	36
REDD71	6	2700	1.60%	16
REDD71 Rpt	4	2650	1.59%	14
Std Nominal				324
Determined	38	700	3900	330
Std Nominal				
Determined	38	650	3700	466
Std Nominal	36			1360
Determined	36	600	2350	1360
Std Nominal	6	50	50	2.63%
Determined	8	100	100	2.60%

These results pertain to the samples as received at this laboratory.
Where standards are reported, the nominal value for the element is reported above the result found.

"%" Implies this result reported in %

Sample Storage

The excess material (Residue) will be held after 30 days
The pulp samples (Pulp) will be held after 60 days as per instructions.

Sample Preparation

No sample preparation was required on these samples.

Digest and Analysis:

The sample(s) have been digested and refluxed with a mixture of Acids including Hydrofluoric, Nitric, Hydrochloric and Perchloric Acids. This extended digest approaches a Total digest for many elements however some refractory minerals are not completely attacked.

Ca,Co,Cu,Fe,K,Mg,Mn,Ni,P,Ti,Zn
have been determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.
Ag,As,Ba,Bi,Ce,Er,Eu,La,Nb,Nd,Pb,Rb,Sn,Sr,Ta,W,Y
have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.