



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: **u252473**
Date Finished: 09/12/2014
Order:
Project:
Date Received: 01/12/2014
Samples Analysed: **75**

FINAL ANALYSIS 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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	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
REDR602	1.0	53	562	6.5	82.7	3.45	1.40	33.9
REDR603	<0.5	16	824	0.6	92.5	4.15	1.85	43.0
REDR604	<0.5	69	666	2.3	84.6	3.40	1.35	40.6
REDR605	<0.5	48	549	2.5	78.8	4.05	1.25	36.9
REDR606	<0.5	68	622	5.6	88.6	3.85	1.30	43.9
REDR607	<0.5	54	939	1.5	91.3	3.60	1.30	44.0
REDR608	<0.5	25	712	0.9	78.4	3.50	1.15	38.6
REDR609	<0.5	21	638	0.8	75.9	3.50	1.10	37.0
REDR610	<0.5	18	517	1.1	74.2	3.65	1.30	37.9
REDR611	<0.5	17	805	1.6	76.4	4.20	1.50	37.7
REDR612	<0.5	23	772	1.2	73.7	4.70	1.55	36.8
REDR613	<0.5	108	855	2.7	89.5	5.20	2.40	41.3
REDR613 Rpt	<0.5	106	822	2.7	88.1	5.30	2.40	41.2
REDR614	<0.5	119	741	1.5	129	4.65	2.05	62.7
REDR615	<0.5	156	648	1.2	118	4.65	1.90	59.5
Std Nominal	12.0	190	165	3.7	27.3	1.50	1.05	14.5
Determined	12.5	199	152	3.7	27.0	1.50	1.00	14.5
REDR616	<0.5	100	39	0.9	5.3	0.40	0.15	3.6
REDR617	<0.5	244	686	1.3	104	4.55	1.80	54.5
REDR618	<0.5	200	710	1.2	94.8	6.00	2.40	49.0
REDR619	<0.5	44	600	0.3	84.6	5.50	2.25	39.3
REDR620	<0.5	17	797	0.3	95.6	4.80	2.15	47.4
REDR621	<0.5	33	765	0.2	82.4	4.35	1.90	40.7
REDR622	<0.5	202	937	3.8	83.7	5.50	2.15	40.1
REDR623	<0.5	112	409	2.9	70.6	6.10	1.90	33.1
REDR624	<0.5	54	707	0.5	97.2	5.55	2.20	46.2
REDR625	<0.5	142	830	3.5	110	4.70	1.70	55.2
REDR626	<0.5	63	653	1.4	83.4	4.90	1.80	41.9
REDR627	<0.5	150	632	1.8	103	5.05	1.90	52.2
REDR628	<0.5	161	900	2.3	73.2	5.60	1.55	36.0
REDR629	<0.5	72	839	0.5	167	4.05	1.70	87.7
REDR630	<0.5	222	757	2.8	126	4.10	1.65	66.2
REDR631	<0.5	254	551	4.3	83.5	4.05	1.20	43.4
REDR632	1.0	84	626	10.5	64.9	4.90	1.65	31.2
REDR633	<0.5	313	595	4.8	92.6	4.10	1.30	48.1
REDR634	<0.5	343	691	3.4	125	4.10	1.50	63.0
REDR635	10.0	209	11	6.0	3.6	0.30	0.10	2.7
Std Nominal	6.0	100	132	3.0				
Determined	6.0	105	131	2.8	22.8	2.00	1.05	11.0



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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
REDR636	<0.5	226	581	2.2	96.0	5.00	1.85	48.9
REDR637	<0.5	166	515	1.5	110	3.40	1.40	57.9
REDR638	<0.5	324	349	0.9	72.1	3.10	1.50	36.1
REDR639	<0.5	47	469	0.7	66.6	4.65	1.35	31.8
REDR640	<0.5	22	316	0.4	79.7	3.95	1.50	37.9
REDR641	<0.5	21	317	0.4	56.2	3.85	1.30	26.9
REDR642	<0.5	10	298	0.3	59.9	4.00	1.25	29.1
REDR643	<0.5	14	339	0.4	64.0	4.05	1.30	29.8
REDR643 Rpt	<0.5	15	371	0.4	65.4	4.30	1.40	32.4
REDR644	<0.5	61	376	0.9	63.8	4.30	1.55	30.2
REDR645	<0.5	92	586	0.6	64.1	3.60	1.25	31.4
REDR646	<0.5	98	586	0.6	68.3	4.00	1.25	33.1
REDR647	<0.5	277	619	1.2	72.7	3.90	1.35	33.8
REDR648	<0.5	48	501	0.5	63.4	3.85	1.20	31.5
REDR649	<0.5	60	312	0.5	49.6	2.35	0.95	23.9
REDR650	<0.5	15	287	0.3	51.2	2.35	1.05	22.7
REDR651	<0.5	30	290	0.4	73.4	3.40	1.30	36.5
REDR652	<0.5	29	1160	0.4	69.9	5.45	1.95	31.2
REDR653	<0.5	18	346	0.3	85.8	3.70	1.25	42.4
REDR654	<0.5	7	426	0.2	62.4	3.70	1.20	31.2
REDR655	<0.5	11	368	0.2	67.0	3.85	1.30	32.3
REDR656	<0.5	7	239	0.2	49.8	2.45	1.00	23.9
REDR657	<0.5	54	300	0.7	77.7	2.95	1.20	38.5
REDR658	<0.5	21	348	0.7	94.0	3.05	1.35	48.4
REDR659	<0.5	100	38	0.9	6.3	0.45	0.20	3.4
REDR660	<0.5	6	367	0.4	73.9	3.15	1.45	37.5
Std Nominal	6.0	3	268	2.3				
Determined	6.5	3	282	2.5	33.8	0.80	0.75	16.4
REDR661	<0.5	52	362	0.6	71.6	3.80	1.30	34.3
REDR662	<0.5	58	568	0.6	60.5	3.90	1.35	28.6
REDR663	<0.5	33	420	0.5	69.5	4.15	1.40	33.6
REDR664	<0.5	4	376	0.3	67.6	4.10	1.45	33.3
REDR664 Rpt	<0.5	4	371	0.2	66.4	4.00	1.40	32.0
REDR665	<0.5	8	364	0.5	66.6	3.80	1.40	32.9
REDR666	<0.5	5	539	0.2	73.6	3.60	1.45	36.0
REDR667	<0.5	2	429	0.1	68.3	3.20	1.20	33.2
REDR668	<0.5	3	454	0.1	70.0	3.20	1.20	34.8
REDR669	<0.5	5	297	0.2	67.6	3.70	1.30	34.0
REDR670	<0.5	<1	321	<0.1	33.2	0.70	0.55	17.1



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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
REDR671	<0.5	2	463	0.1	63.3	3.40	1.35	30.8
REDR672	<0.5	3	342	0.2	65.6	3.80	1.25	31.2
REDR673	<0.5	3	351	0.1	63.8	3.50	1.25	31.8
REDR674	<0.5	3	370	0.2	58.5	3.30	1.20	28.2
REDR675	<0.5	9	1.87%	0.4	60.7	4.10	1.95	29.0
REDR676	<0.5	12	526	0.3	64.3	3.40	1.25	31.6
REDR676 Rpt	<0.5	13	504	0.3	62.5	3.30	1.20	30.9
Std Nominal	8.0							
Determined	7.5	8	320	17.7	75.6	2.90	0.95	39.5
Std Nominal	12.0							
Determined	11.5	12	336	27.3	79.9	2.90	0.95	42.8
Std Nominal	45.0	50		97.2				
Determined	46.0	45	217	103	59.0	1.95	0.70	32.8
Std Nominal	116	559	10	4.4	5.3	0.40	0.10	2.3
Determined	120	562	14	4.0	5.5	0.50	0.10	2.6



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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
REDR602	13.0	28.7	52	117	2	14.5	0.8	2.0
REDR603	14.5	38.9	13	120	2	12.5	0.9	1.5
REDR604	14.5	36.7	15	135	2	10.5	0.9	2.5
REDR605	14.0	34.1	11	113	2	8.0	0.9	2.0
REDR606	15.0	37.8	22	117	2	10.0	0.9	2.0
REDR607	16.5	38.8	12	130	3	11.5	1.0	1.5
REDR608	16.5	33.7	9	142	1	10.5	1.1	2.0
REDR609	16.0	32.9	8	145	1	10.0	1.0	2.0
REDR610	17.0	32.9	8	157	1	16.0	1.0	2.5
REDR611	15.5	34.7	8	146	1	12.0	0.9	3.0
REDR612	15.0	34.0	17	138	2	12.5	1.1	2.0
REDR613	16.0	41.5	20	162	3	21.5	1.1	2.0
REDR613 Rpt	16.5	41.8	20	161	3	21.5	1.1	2.0
REDR614	14.5	49.9	34	153	4	36.0	1.2	2.5
REDR615	13.5	46.3	44	180	4	35.0	1.1	4.0
Std Nominal	3.5	11.0	1030	24.8	4	48.0	0.3	3.5
Determined	3.5	10.3	1010	24.4	4	48.0	0.3	4.0
REDR616	1.0	2.60	35	2.2	3	136	<0.1	25.0
REDR617	13.0	42.0	42	179	4	49.0	1.1	4.5
REDR618	15.0	40.5	33	159	4	52.0	1.2	4.0
REDR619	15.0	38.0	16	124	3	18.0	1.0	2.5
REDR620	16.5	41.7	6	112	3	10.5	1.0	2.0
REDR621	16.0	36.5	8	121	3	12.0	1.0	1.0
REDR622	13.0	37.9	20	152	2	13.0	0.9	1.5
REDR623	11.5	32.7	22	192	2	14.5	0.8	1.0
REDR624	16.5	41.8	13	133	3	15.0	1.1	1.5
REDR625	15.0	40.5	17	222	7	54.0	1.1	4.5
REDR626	15.5	37.4	12	206	3	54.5	1.0	2.5
REDR627	16.0	41.8	21	227	4	55.0	1.2	3.0
REDR628	16.0	34.2	30	192	3	20.5	1.1	3.5
REDR629	19.0	55.8	15	284	7	94.5	1.6	3.5
REDR630	17.0	44.2	25	277	7	69.5	1.4	3.5
REDR631	15.5	33.4	29	204	4	35.5	1.2	3.5
REDR632	16.0	31.4	51	175	2	20.0	1.0	5.5
REDR633	17.0	35.8	30	238	4	35.0	1.2	4.0
REDR634	18.5	44.5	43	244	4	74.0	1.4	3.5
REDR635	1.0	2.05	392	0.6	4	7.0	<0.1	3.5
Std Nominal	4.0		510		2	104	<0.1	3.0
Determined	4.5	10.4	520	584	8	103	0.4	3.0



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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
REDR636	16.5	41.0	46	236	4	43.5	1.3	4.0
REDR637	14.5	39.1	18	259	4	53.5	1.2	4.0
REDR638	9.5	28.1	15	163	3	43.5	0.8	2.5
REDR639	13.0	29.9	12	139	2	20.5	0.9	3.5
REDR640	11.0	31.7	36	138	3	33.0	0.7	3.0
REDR641	9.5	24.6	25	109	2	27.5	0.6	2.0
REDR642	13.0	26.7	49	124	2	17.5	0.8	2.0
REDR643	14.0	27.6	29	124	2	13.0	1.0	2.5
REDR643 Rpt	15.0	28.4	31	131	2	14.0	1.0	2.5
REDR644	15.0	30.0	14	135	2	12.5	1.0	3.5
REDR645	13.0	28.5	12	147	2	18.0	0.8	2.0
REDR646	13.0	30.2	13	154	2	20.0	0.9	2.0
REDR647	15.5	32.5	29	146	2	9.0	1.0	2.0
REDR648	16.0	28.8	22	140	2	9.5	1.1	2.0
REDR649	6.0	20.8	22	74.4	1	42.0	0.4	1.5
REDR650	6.0	21.6	53	68.8	1	30.0	0.4	1.5
REDR651	10.5	29.3	27	125	2	39.5	0.7	2.0
REDR652	13.5	33.8	13	197	2	16.5	0.9	2.5
REDR653	12.0	31.6	8	157	3	35.0	0.9	2.5
REDR654	12.5	27.6	6	126	2	14.5	0.9	1.5
REDR655	14.5	29.1	9	134	2	15.0	1.0	2.0
REDR656	6.0	19.5	25	82.0	1	37.5	0.5	1.5
REDR657	9.0	28.1	16	135	3	38.5	0.7	2.5
REDR658	11.0	33.0	15	173	3	39.0	0.9	2.0
REDR659	1.0	2.75	38	2.6	3	140	<0.1	26.0
REDR660	10.0	28.0	13	166	3	36.0	0.8	2.0
Std Nominal			60		4			
Determined	3.0	14.3	57	14.6	4	279	0.2	<0.5
REDR661	12.5	30.1	32	138	2	17.5	0.9	3.5
REDR662	12.0	28.0	11	150	2	14.5	0.8	3.5
REDR663	11.5	28.8	10	117	2	19.5	0.8	3.0
REDR664	10.5	28.2	4	128	2	21.5	0.8	3.5
REDR664 Rpt	11.0	28.1	4	129	2	22.0	0.7	3.0
REDR665	10.5	28.0	4	117	3	21.5	0.7	2.0
REDR666	12.0	31.5	4	124	2	16.5	0.8	2.0
REDR667	13.0	29.1	3	119	2	13.0	0.9	1.5
REDR668	13.0	29.3	4	123	2	15.0	0.9	2.0
REDR669	11.0	28.4	3	102	2	20.0	0.6	1.5
REDR670	3.0	12.3	6	70.0	<1	21.0	0.3	2.0



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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
REDR671	10.5	27.3	4	103	2	20.0	0.7	2.0
REDR672	12.0	28.5	3	124	2	16.5	0.8	1.5
REDR673	11.0	27.8	3	118	2	16.5	0.7	1.5
REDR674	10.5	25.0	3	95.4	2	17.0	0.7	1.5
REDR675	8.0	27.6	11	135	1	157	0.5	1.5
REDR676	11.0	27.7	66	118	2	20.0	0.7	2.0
REDR676 Rpt	11.0	27.3	64	117	2	19.5	0.7	1.5
Std Nominal			66					
Determined	13.0	28.8	63	137	47	16.0	1.0	4.5
Std Nominal								
Determined	12.5	30.0	99	135	65	18.0	1.0	4.5
Std Nominal			345		206			
Determined	8.0	21.4	345	79.6	208	12.5	0.6	5.0
Std Nominal	1.0	3.00	2590	2.8	13	5.0		<0.5
Determined	1.0	3.20	2620	2.6	14	5.0	<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
REDR602	28.0	0.30	40	476	5.19	6.84	0.53	602
REDR603	35.0	0.50	15	624	7.06	8.09	1.74	894
REDR604	31.1	0.60	25	1930	4.54	9.18	0.94	110
REDR605	37.9	0.69	40	1640	6.05	8.32	1.39	352
REDR606	37.1	0.74	25	2520	6.01	8.33	1.54	90
REDR607	34.4	0.66	30	1950	4.21	9.80	1.00	342
REDR608	34.1	0.76	20	1150	2.66	10.7	0.60	506
REDR609	34.6	0.74	10	968	2.13	11.0	0.45	488
REDR610	36.8	0.59	10	724	1.39	11.8	0.15	686
REDR611	41.4	0.76	<5	672	1.27	11.8	0.20	90
REDR612	44.3	0.81	<5	834	1.78	11.0	0.32	70
REDR613	49.7	0.90	25	954	4.64	9.58	0.98	572
REDR613 Rpt	49.8	0.89	25	948	4.58	9.46	0.98	578
REDR614	38.8	0.43	55	1700	8.45	6.66	1.71	3230
REDR615	41.6	0.37	40	794	9.50	6.16	1.37	2890
Std Nominal	14.2	1.22	65	2910	12.0	0.60	1.80	1500
Determined	13.1	1.23	70	2940	12.2	0.61	1.83	1540
REDR616	4.1	1.82	25	1650	25.5	0.08	0.34	330
REDR617	40.0	0.43	45	636	10.1	5.25	1.30	4830
REDR618	52.9	0.73	60	718	10.3	6.59	1.70	7270
REDR619	49.1	2.69	30	516	7.08	7.59	2.90	3660
REDR620	43.3	0.79	15	176	6.07	8.81	1.76	2550
REDR621	39.7	0.73	15	320	5.09	9.80	1.10	2650
REDR622	47.7	0.73	85	1290	4.45	9.75	0.95	1580
REDR623	50.5	3.19	50	1340	3.56	8.96	2.26	1810
REDR624	49.2	0.92	25	168	4.29	10.4	0.80	2130
REDR625	39.6	0.10	125	3170	5.56	8.03	0.82	2520
REDR626	46.2	0.36	90	1550	3.77	9.90	0.63	2410
REDR627	45.5	0.34	25	1490	4.63	9.07	0.80	3250
REDR628	49.4	0.69	20	608	3.96	10.1	0.69	684
REDR629	35.1	0.27	25	292	2.83	10.1	0.85	1290
REDR630	34.0	0.25	50	544	5.09	9.18	1.00	3100
REDR631	37.5	0.46	45	302	4.52	9.59	1.11	798
REDR632	46.7	0.61	50	168	2.38	11.0	0.22	502
REDR633	37.8	0.46	30	74	3.58	10.6	0.63	150
REDR634	35.3	0.21	25	118	4.43	10.4	0.44	184
REDR635	2.6	0.12	470	2.34%	35.4	<0.01	0.20	116
Std Nominal	16.0	2.48	45	1500	8.65	2.35	1.71	1180
Determined	17.6	2.43	50	1530	8.71	2.32	1.68	1130



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

ABN: 30 008 127 802

58 Sorbonne Crescent Canning Vale
Perth WA 6155 AustraliaTelephone (08) 9456 0404
Facsimile (08) 9456 0403

Reference: u252473 Order Number: Page 8 of 12

	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
REDR636	45.0	0.62	55	98	3.06	10.4	0.57	560
REDR637	29.6	4.15	20	80	3.07	8.00	3.01	1630
REDR638	28.0	10.6	25	78	2.53	5.22	6.38	3260
REDR639	40.1	5.14	20	120	2.20	8.53	3.06	2270
REDR640	35.4	7.86	15	578	2.52	7.01	4.72	2310
REDR641	34.2	9.15	15	202	2.71	6.22	5.49	2630
REDR642	36.9	4.74	10	308	2.26	9.00	2.85	1990
REDR643	37.6	3.32	10	442	2.19	9.51	2.16	1020
REDR643 Rpt	40.9	3.31	15	450	2.21	9.56	2.15	1010
REDR644	38.9	2.93	<5	160	1.64	10.0	1.59	946
REDR645	36.2	4.62	10	246	2.35	8.92	2.73	1510
REDR646	37.7	5.19	15	234	2.45	8.99	3.06	1750
REDR647	37.1	0.89	20	26	4.27	9.37	1.72	164
REDR648	37.7	3.42	10	92	1.56	9.79	1.82	1070
REDR649	19.3	13.2	15	96	4.81	3.42	7.07	8310
REDR650	19.6	13.2	15	460	3.15	4.02	7.29	4750
REDR651	30.4	9.41	20	84	2.44	5.92	5.68	3080
REDR652	48.2	4.39	10	82	1.97	8.92	2.65	1220
REDR653	33.2	6.48	15	80	2.08	7.38	4.01	2000
REDR654	35.9	3.92	10	132	2.04	8.73	2.38	1260
REDR655	35.4	3.62	10	154	2.03	9.32	2.12	1090
REDR656	20.3	13.3	25	108	2.97	3.26	7.89	5310
REDR657	25.6	10.7	40	50	3.13	4.68	6.59	3810
REDR658	26.9	9.25	30	44	3.50	5.10	6.00	3680
REDR659	4.1	1.89	25	1690	25.8	0.11	0.34	340
REDR660	29.0	9.37	25	180	4.17	4.93	6.20	3020
Std Nominal		2.21	670	1.19%	25.5	0.62	1.79	704
Determined	6.9	2.26	650	1.17%	25.6	0.63	1.79	710
REDR661	35.0	4.30	20	986	2.60	9.98	2.50	1200
REDR662	37.2	2.88	15	778	1.71	9.89	1.54	848
REDR663	36.5	6.85	20	70	3.23	6.90	4.32	2470
REDR664	36.4	7.62	15	44	3.62	6.36	4.99	2500
REDR664 Rpt	36.5	7.42	15	44	3.51	6.38	4.91	2460
REDR665	35.9	7.18	10	38	2.70	7.30	4.44	1960
REDR666	35.0	5.51	15	1070	3.67	7.55	3.84	1820
REDR667	32.3	4.63	10	52	2.65	8.56	2.96	1480
REDR668	29.8	4.54	10	82	3.55	8.50	2.99	1520
REDR669	34.6	6.63	10	60	3.14	7.37	4.30	1800
REDR670	6.0	0.12	<5	8	1.19	1.75	0.38	90



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Reference: u252473 Order Number: Page 9 of 12

	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
REDR671	33.5	7.69	10	176	2.68	7.19	4.60	2110
REDR672	34.5	5.45	10	36	2.76	8.28	3.53	1570
REDR673	32.9	6.71	10	78	2.83	7.77	4.19	2050
REDR674	31.0	7.39	10	76	3.02	7.01	4.68	1920
REDR675	36.7	4.41	20	282	2.87	8.69	3.00	1110
REDR676	31.4	6.34	20	178	2.52	7.93	3.81	1720
REDR676 Rpt	31.7	6.49	20	180	2.56	8.04	3.87	1760
Std Nominal			40	2.59%				
Determined	27.2	0.30	40	2.62%	8.93	2.20	2.24	1010
Std Nominal			50	3.93%				
Determined	27.0	0.34	50	3.89%	9.93	2.05	2.07	980
Std Nominal		0.19	120	14.8 %	19.6	1.20	1.36	
Determined	16.8	0.19	120	14.5%	19.2	1.18	1.32	616
Std Nominal	3.9	0.22	330	24.0 %	29.3	0.03	0.51	104
Determined	3.8	0.21	335	23.5%	29.9	0.04	0.52	106



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR602	22	1450	1.50%	46
REDR603	18	2450	1.90%	68
REDR604	22	2900	1.87%	44
REDR605	44	2900	1.88%	58
REDR606	44	3050	1.90%	66
REDR607	20	2950	2.01%	38
REDR608	18	3300	2.03%	26
REDR609	14	3200	2.01%	20
REDR610	12	2750	1.93%	12
REDR611	14	3500	2.01%	12
REDR612	12	3650	2.01%	22
REDR613	26	3800	1.76%	90
REDR613 Rpt	28	3750	1.74%	88
REDR614	44	1700	8650	164
REDR615	30	1250	8250	262
Std Nominal	94	250	2500	1.04%
Determined	96	250	2400	1.06%
REDR616	22	950	250	72
REDR617	32	1300	6050	236
REDR618	36	3150	9600	174
REDR619	18	2600	1.46%	82
REDR620	10	2800	1.74%	64
REDR621	12	3050	1.81%	56
REDR622	26	3250	1.74%	48
REDR623	16	2450	1.39%	56
REDR624	12	3500	1.88%	60
REDR625	26	650	1.13%	46
REDR626	24	1900	1.62%	38
REDR627	22	1750	1.32%	44
REDR628	18	3150	1.81%	38
REDR629	18	1050	6750	34
REDR630	26	650	5700	46
REDR631	24	2050	1.28%	48
REDR632	18	2900	1.92%	30
REDR633	20	2150	1.43%	36
REDR634	14	1650	1.17%	32
REDR635	44	200	150	4220
Std Nominal	74	600	5100	5200
Determined	76	650	5050	5120



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR636	24	2950	1.39%	80
REDR637	16	1250	6150	50
REDR638	16	800	4500	44
REDR639	18	2300	1.40%	52
REDR640	12	1600	9800	46
REDR641	14	1600	1.01%	38
REDR642	10	2350	1.51%	28
REDR643	12	2500	1.67%	36
REDR643 Rpt	10	2600	1.70%	38
REDR644	10	2650	1.75%	14
REDR645	12	2400	1.42%	26
REDR646	14	2350	1.52%	20
REDR647	26	3050	2.01%	38
REDR648	12	2100	1.62%	8
REDR649	10	700	3550	36
REDR650	10	1000	5450	68
REDR651	26	1500	8550	54
REDR652	14	2750	1.61%	44
REDR653	12	1750	1.09%	46
REDR654	16	2400	1.53%	34
REDR655	12	2000	1.51%	42
REDR656	14	500	3150	46
REDR657	24	700	3900	52
REDR658	16	650	4100	66
REDR659	24	950	250	70
REDR660	20	900	5000	62
Std Nominal	1.95%	700	2500	236
Determined	1.91%	700	2450	240
REDR661	18	1700	1.40%	30
REDR662	20	1600	1.32%	16
REDR663	18	1700	1.14%	36
REDR664	14	1550	9700	36
REDR664 Rpt	12	1500	9600	36
REDR665	10	1850	1.21%	26
REDR666	16	2150	1.35%	150
REDR667	8	2400	1.53%	28
REDR668	10	2450	1.60%	30
REDR669	10	2000	1.32%	22
REDR670	12	200	950	8



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR671	12	2050	1.31%	32
REDR672	8	2300	1.51%	18
REDR673	8	2050	1.34%	28
REDR674	14	2000	1.29%	22
REDR675	20	2150	1.37%	26
REDR676	12	2150	1.38%	22
REDR676 Rpt	12	2200	1.40%	22
Std Nominal				324
Determined	36	600	3950	322
Std Nominal				
Determined	42	600	3650	454
Std Nominal	36			1360
Determined	36	600	2400	1350
Std Nominal	6	50	50	2.63%
Determined	4	50	100	2.62%

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.

"TF" Implies data to follow for this determination

"%" 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.