



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: **u251955**  
Date Finished: 25/11/2014  
Order:  
Project:  
Date Received: 18/11/2014  
Samples Analysed: **159**

## **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



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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
REDR145	1.0	39	860	6.9	112	3.55	1.60	54.4
REDR146	0.5	27	804	7.3	110	3.40	1.40	53.9
REDR147	<0.5	50	703	5.3	102	3.45	1.40	50.0
Std Nominal	12.0	190	165	3.7	27.3	1.50	1.05	14.5
Determined	12.0	184	159	3.5	27.4	1.60	0.95	14.2
REDR148	<0.5	34	871	4.5	88.4	4.65	1.65	41.4
REDR149	<0.5	42	1100	4.0	88.5	5.95	2.15	40.8
REDR150	<0.5	43	1010	5.6	74.6	5.15	2.80	30.7
REDR151	<0.5	229	1180	8.0	53.8	5.05	2.70	18.5
REDR152	0.5	422	916	14.3	71.6	6.35	2.90	29.7
REDR153	<0.5	115	1030	3.2	51.7	5.10	2.65	20.5
REDR154	<0.5	267	1040	6.3	55.9	4.85	2.70	21.2
REDR155	<0.5	260	1190	8.1	58.1	5.05	2.60	22.2
REDR156	<0.5	65	987	3.3	75.3	5.25	2.40	33.6
REDR157	<0.5	169	1140	5.9	118	4.10	1.65	59.0
REDR158	<0.5	131	943	8.3	110	4.05	1.70	53.5
REDR159	<0.5	112	744	5.2	136	3.65	1.60	68.9
REDR160	<0.5	21	647	2.3	117	3.85	1.50	58.6
REDR161	0.5	16	664	4.1	104	4.30	1.60	50.1
REDR162	<0.5	17	741	3.8	82.3	4.95	1.65	37.5
REDR163	<0.5	11	684	5.4	116	3.70	1.55	55.7
REDR164	1.0	309	10	15.4	31.2	0.40	0.35	15.6
REDR165	0.5	8	743	9.0	53.9	5.70	1.50	23.2
REDR165 Rpt	0.5	7	707	9.0	54.5	5.55	1.45	21.3
REDR166	1.0	12	881	9.6	73.2	4.10	1.35	34.5
REDR167	0.5	12	571	9.1	96.4	3.50	1.35	47.7
REDR168	1.0	19	664	12.7	66.9	3.50	1.30	32.6
REDR169	1.0	17	711	14.3	66.4	3.45	1.30	31.1
REDR170	1.0	15	678	12.5	60.8	3.60	1.35	28.1
REDR171	4.0	29	517	25.5	51.2	3.15	1.20	22.6
REDR172	2.5	13	710	19.0	60.4	3.95	1.45	28.2
REDR172 Rpt	2.5	14	722	18.8	59.9	3.90	1.35	28.2
REDR173	1.0	24	670	10.1	57.9	3.70	1.25	26.6
REDR174	1.0	13	527	11.5	69.7	3.80	1.20	33.8
REDR175	<0.5	11	721	5.7	126	3.40	1.35	62.7
REDR176	2.0	11	604	12.3	64.0	4.00	1.30	29.8
REDR177	1.5	15	780	24.3	59.8	3.10	1.35	27.4
REDR178	1.5	14	748	22.4	59.9	3.50	1.35	27.9
REDR179	<0.5	2	577	0.2	10.8	0.55	0.35	6.0



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	Ag ppm	As ppm	Ba ppm	Bi ppm	Ce ppm	Er ppm	Eu ppm	La ppm
<b>Detection Limit</b>	0.5	1	1	0.1	0.1	0.05	0.05	0.1
REDR180	1.5	14	609	21.1	77.2	3.25	1.25	38.7
REDR181	2.5	11	853	28.8	64.3	4.00	1.50	28.9
REDR182	2.0	12	676	23.7	298	3.25	1.05	30.5
REDR183	1.5	13	558	18.6	60.4	3.60	1.30	29.1
REDR184	<0.5	<1	338	<0.1	33.1	0.60	0.50	16.4
REDR185	1.0	15	686	13.6	71.0	4.00	1.50	32.3
REDR186	1.0	13	757	12.2	70.8	4.10	1.50	33.2
REDR187	1.0	14	636	7.8	74.9	4.50	1.40	34.7
REDR188	1.0	19	625	11.9	70.0	5.40	1.75	32.4
Std Nominal	6.0	100	132	3.0				
Determined	6.0	100	137	2.8	21.9	1.95	1.05	10.5
REDR189	<0.5	41	712	5.6	54.6	6.65	2.30	24.9
REDR190	<0.5	26	1680	2.7	59.1	6.80	2.00	27.1
REDR191	<0.5	26	596	3.0	82.8	5.75	1.75	37.5
REDR192	<0.5	48	545	3.1	92.1	6.00	1.75	42.4
REDR193	<0.5	11	476	4.2	101	5.05	1.75	48.5
REDR194	<0.5	11	470	3.2	98.4	5.15	1.65	49.4
REDR195	<0.5	6	368	4.7	100	5.05	1.85	45.6
Std Nominal	6.0	3	268	2.3				
Determined	6.5	3	274	2.1	35.1	0.65	0.75	16.9
REDR196	<0.5	6	473	2.5	85.3	4.90	1.85	38.6
REDR197	<0.5	6	556	1.7	76.7	4.40	1.75	35.6
REDR198	<0.5	4	580	2.5	72.8	3.30	1.80	32.3
REDR199	<0.5	8	655	1.3	88.6	4.10	1.75	41.6
REDR199 Rpt	<0.5	7	629	1.3	88.3	3.85	1.70	40.8
REDR200	<0.5	10	673	1.4	80.8	3.85	1.65	37.0
REDR201	<0.5	7	639	1.1	73.4	3.40	1.55	34.4
REDR202	<0.5	4	617	1.1	67.0	3.60	1.40	30.8
REDR203	<0.5	5	559	1060	59.1	3.30	1.50	26.9
REDR204	4.0	406	10	34.1	28.2	0.50	0.40	14.7
REDR205	1.0	35	600	1220	47.3	4.00	1.70	20.6
REDR206	<0.5	7	351	27.8	45.0	3.05	1.40	20.4
REDR207	<0.5	3	426	18.8	51.4	3.10	1.40	24.8
REDR208	<0.5	3	555	0.2	10.8	0.50	0.35	6.1
REDR209	<0.5	3	545	16.7	32.5	2.60	1.20	13.3
REDR210	<0.5	2	773	7.7	48.3	3.30	1.25	20.6
REDR211	<0.5	4	1120	3.3	65.8	4.40	1.55	31.4
REDR212	<0.5	3	862	1.7	71.9	4.00	1.75	34.4
REDR213	<0.5	2	563	0.7	63.0	3.60	1.60	31.0



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<b>Detection Limit</b>	0.5	1	1	0.1	0.1	0.05	0.05	0.1
REDR214	<0.5	2	622	0.7	65.7	3.65	1.75	32.4
REDR215	<0.5	2	605	0.5	72.3	4.15	1.85	36.0
REDR216	<0.5	1	863	0.5	71.1	3.95	1.90	34.4
REDR217	<0.5	2	1500	1.1	71.0	3.65	1.80	34.2
REDR218	<0.5	66	979	2.9	78.8	5.25	1.95	37.9
Std Nominal	8.0							
Determined	7.5	10	335	16.7	76.0	2.65	0.90	38.4
REDR219	<0.5	21	936	2.2	74.0	5.20	1.75	35.1
REDR220	<0.5	17	752	0.9	69.3	5.35	1.90	34.2
REDR221	<0.5	27	823	1.0	64.8	5.00	1.80	31.4
REDR222	<0.5	62	846	2.7	116	4.50	1.90	59.8
REDR223	<0.5	85	1360	2.5	129	4.55	2.05	63.6
REDR224	<0.5	89	1170	2.5	118	4.90	1.95	54.9
REDR225	<0.5	68	1290	1.5	102	5.25	2.55	51.2
REDR226	<0.5	33	989	0.9	93.0	6.35	2.60	44.3
REDR227	<0.5	28	1130	2.3	71.2	6.95	2.70	30.9
REDR228	0.5	43	836	5.9	140	6.05	2.60	61.9
REDR229	<0.5	18	1230	0.6	81.9	7.65	2.20	35.5
REDR229 Rpt	<0.5	17	1240	0.6	79.8	7.40	2.25	34.6
REDR230	<0.5	18	1500	0.9	110	6.50	2.85	48.5
REDR231	<0.5	53	1470	2.0	93.8	5.60	2.65	44.5
REDR232	<0.5	50	1480	2.0	93.1	5.80	2.70	43.6
REDR233	<0.5	49	923	1.7	146	4.90	2.50	73.5
REDR234	<0.5	485	740	4.4	126	3.40	1.60	63.9
REDR235	1.0	408	584	4.0	155	3.55	1.80	79.0
REDR235 Rpt	0.5	413	586	3.9	159	3.60	1.80	78.3
REDR236	0.5	133	968	4.7	67.6	5.35	1.80	31.0
REDR237	1.0	304	586	13.3	71.3	4.85	1.60	32.2
REDR238	1.0	304	11	15.6	31.2	0.40	0.40	15.6
REDR239	0.5	183	930	7.2	62.1	5.50	2.20	27.7
REDR240	<0.5	99	720	2.2	65.7	5.30	1.75	29.5
REDR241	<0.5	73	430	1.0	89.8	3.20	1.30	43.0
REDR242	<0.5	29	440	0.4	91.8	3.10	1.35	45.5
REDR243	<0.5	31	209	0.4	42.7	1.90	0.95	17.6
REDR244	<0.5	29	259	0.3	36.5	1.45	0.65	15.0
Std Nominal	12.0							
Determined	11.5	14	357	25.6	80.4	2.55	0.95	41.3
REDR245	<0.5	103	557	1.3	97.6	4.00	1.85	44.6
REDR246	<0.5	66	508	1.1	89.7	4.10	1.65	43.1



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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
REDR247	<0.5	2	590	0.2	10.5	0.50	0.35	6.0
REDR248	<0.5	19	351	0.6	78.9	2.85	1.35	39.0
REDR249	<0.5	10	306	0.8	58.3	2.95	1.25	26.6
REDR250	<0.5	32	420	1.1	84.0	3.00	1.40	42.0
REDR251	<0.5	10	771	0.4	78.8	4.35	1.70	36.0
REDR252	<0.5	28	372	0.7	88.1	3.10	1.60	43.8
REDR253	<0.5	8	605	0.4	80.8	5.40	1.80	35.3
REDR254	<0.5	19	333	0.5	61.1	3.05	1.30	28.8
REDR255	<0.5	15	439	0.6	81.6	3.65	1.55	37.8
REDR256	<0.5	7	497	0.3	53.3	3.25	1.40	23.3
REDR257	<0.5	27	187	0.3	43.9	1.65	0.80	18.6
REDR258	<0.5	103	373	0.6	69.5	2.75	1.30	32.2
REDR259	<0.5	95	738	0.6	57.1	4.00	1.90	24.2
REDR260	<0.5	109	804	0.5	63.1	4.10	1.95	27.3
REDR261	<0.5	34	709	0.4	65.2	3.65	1.40	31.4
REDR262	<0.5	79	381	0.8	96.1	2.80	1.35	47.5
REDR263	<0.5	6	397	0.2	73.4	3.25	1.40	35.8
REDR264	<0.5	11	464	0.3	101	2.90	1.40	51.3
REDR265	<0.5	4	343	0.2	76.3	2.65	1.45	37.2
REDR266	<0.5	4	394	0.2	85.1	2.95	1.55	42.8
REDR267	<0.5	3	391	0.2	85.6	3.15	1.40	43.5
REDR268	<0.5	3	327	0.1	79.2	2.85	1.40	39.5
REDR269	<0.5	1	564	0.1	10.0	0.45	0.35	5.7
REDR270	<0.5	4	304	0.3	68.6	2.85	1.20	34.2
REDR271	<0.5	8	465	0.4	64.6	3.45	1.30	29.0
REDR272	0.5	12	388	0.7	68.3	3.70	1.35	31.5
REDR273	<0.5	12	478	0.7	59.7	3.70	1.20	27.3
REDR274	<0.5	19	378	0.8	65.0	4.10	1.40	29.4
REDR275	4.5	413	10	35.1	28.6	0.55	0.35	14.9
Std Nominal	45.0	50		97.2				
Determined	45.5	47	218	95.0	58.0	1.70	0.70	31.3
REDR276	<0.5	31	533	0.7	61.3	4.35	1.45	27.9
REDR277	<0.5	17	353	0.8	82.5	2.70	1.25	41.3
REDR278	<0.5	11	444	0.8	65.1	3.80	1.75	29.9
REDR278 Rpt	<0.5	11	445	0.8	64.7	3.75	1.75	30.6
REDR279	<0.5	16	437	1.0	76.2	3.40	1.60	37.4
REDR280	<0.5	7	418	0.3	82.8	3.05	1.45	43.3
REDR281	<0.5	7	387	0.4	89.4	3.05	1.50	45.3
REDR282	<0.5	5	326	0.2	83.7	3.00	1.45	41.6



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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
REDR283	<0.5	4	324	0.2	77.3	3.10	1.45	39.6
REDR284	<0.5	8	454	0.3	62.5	3.95	2.05	28.5
REDR285	<0.5	5	346	0.2	65.9	3.65	1.50	30.7
REDR286	<0.5	5	585	0.1	54.6	3.30	1.90	23.2
REDR287	<0.5	6	575	0.2	41.9	3.40	2.00	16.7
REDR288	<0.5	7	506	0.2	36.7	3.05	1.85	14.3
REDR289	<0.5	4	510	0.2	66.3	3.00	1.75	30.3
REDR290	<0.5	3	357	0.2	60.1	4.10	1.70	26.1
REDR291	<0.5	2	389	0.3	90.9	2.90	1.40	46.2
REDR292	<0.5	10	329	0.3	73.6	3.10	1.55	36.2
REDR293	<0.5	5	555	0.4	73.8	2.95	1.40	35.8
REDR294	<0.5	9	291	0.3	71.7	3.00	1.55	35.9
REDR295	<0.5	2	589	0.1	10.5	0.50	0.35	6.0
REDR296	<0.5	6	317	0.2	72.0	3.00	1.30	34.0
REDR297	<0.5	3	296	<0.1	52.2	4.05	1.45	22.2
REDR298	<0.5	5	392	0.3	86.1	3.05	1.55	43.6
REDR299	0.5	3	360	0.3	79.9	3.00	1.40	40.4
REDR300	1.0	301	13	15.6	29.0	0.40	0.35	15.3
REDR301	<0.5	4	523	0.2	60.6	3.60	1.30	27.6
REDR302	<0.5	4	310	0.1	57.6	3.60	1.50	25.2
REDR303	<0.5	3	380	0.2	75.3	3.55	1.60	36.4
REDR303 Rpt	<0.5	4	395	0.2	77.3	3.55	1.65	36.1
Std Nominal	116	559	10	4.4	5.3	0.40	0.10	2.3
Determined	118	582	11	4.2	5.5	0.40	0.10	2.5

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	Nb ppm	Nd ppm	Pb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	W ppm
<b>Detection Limit</b>	0.5	0.05	1	0.2	1	0.5	0.1	0.5
REDR145	19.5	44.7	15	232	5	88.0	1.5	3.5
REDR146	19.5	44.8	12	253	5	65.0	1.5	3.5
REDR147	18.0	39.3	21	274	6	55.0	1.5	3.5
Std Nominal	3.5	11.0	1030	24.8	4	48.0	0.3	3.5
Determined	4.0	10.7	1060	25.6	4	46.0	0.3	4.0
REDR148	18.0	40.9	8	234	4	40.5	1.3	6.5
REDR149	16.5	46.5	9	204	4	36.0	1.1	15.0
REDR150	16.5	40.6	15	262	3	28.5	1.1	4.0
REDR151	14.5	31.5	11	240	2	32.5	0.9	2.5
REDR152	14.0	40.6	15	260	2	23.5	0.8	2.0
REDR153	15.0	32.8	7	295	2	15.0	1.0	2.5
REDR154	14.5	35.0	9	239	2	20.5	1.0	2.0
REDR155	14.5	34.4	10	259	2	23.0	1.0	2.5
REDR156	16.0	39.4	8	268	3	25.5	1.1	2.5
REDR157	18.0	46.9	11	266	6	56.0	1.5	3.5
REDR158	18.0	44.8	11	279	6	50.0	1.6	3.5
REDR159	19.5	51.8	12	311	6	65.0	1.7	4.0
REDR160	18.0	46.2	7	236	5	55.5	1.5	3.5
REDR161	16.5	44.2	7	203	4	38.5	1.3	3.5
REDR162	16.0	38.2	7	173	4	22.0	1.1	6.5
REDR163	16.0	45.6	9	242	5	70.0	1.3	3.0
REDR164	2.0	12.8	129	2.6	<1	1.5	0.2	2.0
REDR165	15.5	28.5	8	156	3	18.0	1.0	1.0
REDR165 Rpt	15.0	28.3	7	155	3	17.5	1.0	1.5
REDR166	16.5	34.8	9	155	2	41.0	1.1	1.5
REDR167	16.0	38.5	9	210	4	76.0	1.1	3.0
REDR168	16.0	32.5	11	153	3	53.0	1.0	4.0
REDR169	15.5	32.5	12	154	2	57.0	0.9	3.5
REDR170	16.0	30.1	10	150	2	18.5	1.1	3.5
REDR171	14.5	25.3	23	142	2	26.5	0.9	2.5
REDR172	15.0	30.2	15	152	3	64.0	0.9	2.5
REDR172 Rpt	15.0	30.4	15	149	3	65.0	0.9	2.5
REDR173	15.5	29.2	9	156	2	21.5	0.9	2.0
REDR174	15.0	32.6	11	155	2	37.5	1.0	2.0
REDR175	17.0	48.3	9	242	5	63.0	1.4	3.5
REDR176	16.5	30.8	10	162	3	21.0	1.1	2.5
REDR177	16.5	29.9	16	146	1	39.5	0.9	2.0
REDR178	15.5	30.3	15	154	2	48.0	0.9	2.5
REDR179	2.5	4.45	11	124	<1	189	0.3	<0.5



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

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58 Sorbonne Crescent Canning Vale  
Perth WA 6155 Australia

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

Reference: u251955 Order Number: Page 7 of 21

	Nb ppm	Nd ppm	Pb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	W ppm
<b>Detection Limit</b>	0.5	0.05	1	0.2	1	0.5	0.1	0.5
REDR180	15.5	35.1	16	161	3	59.5	1.0	3.5
REDR181	15.0	33.6	20	145	5	51.0	0.9	11.5
REDR182	15.5	29.1	15	141	3	18.0	1.0	1.0
REDR183	15.0	31.1	18	146	2	16.0	0.9	3.5
REDR184	3.0	13.0	6	69.2	1	22.0	0.2	1.5
REDR185	16.5	36.1	14	123	4	11.0	1.1	10.0
REDR186	18.0	36.4	10	127	2	9.0	1.1	5.0
REDR187	16.5	37.8	5	112	1	6.5	1.1	1.0
REDR188	16.5	37.7	8	93.8	2	6.5	1.1	3.5
Std Nominal	4.0		510		2	104	<0.1	3.0
Determined	4.5	11.0	512	576	3	103	<0.1	2.5
REDR189	15.5	33.5	9	188	5	14.0	1.0	7.0
REDR190	16.0	32.8	6	156	3	17.5	1.0	5.0
REDR191	14.0	39.7	5	133	3	13.0	0.9	2.0
REDR192	15.5	42.9	5	215	4	16.0	1.1	2.0
REDR193	11.5	43.6	6	163	3	22.0	0.7	3.5
REDR194	14.5	42.9	5	172	4	25.0	1.0	4.0
REDR195	12.5	45.8	5	158	3	16.5	0.8	3.0
Std Nominal			60		4			
Determined	3.5	15.8	63	14.8	3	286	0.2	<0.5
REDR196	14.0	39.2	4	127	3	18.0	0.8	1.5
REDR197	12.0	35.3	4	125	3	17.5	0.8	2.0
REDR198	13.5	35.0	5	134	2	14.5	0.9	1.5
REDR199	17.5	41.8	7	137	3	10.0	1.1	1.5
REDR199 Rpt	18.0	41.2	7	136	3	10.0	1.2	1.5
REDR200	15.5	37.9	5	124	3	11.5	1.0	2.0
REDR201	14.0	35.1	4	116	2	10.5	1.0	1.0
REDR202	15.5	32.8	3	135	2	10.5	0.9	1.5
REDR203	9.0	28.8	169	117	<1	13.0	0.5	1.0
REDR204	2.5	11.3	481	3.6	1	2.5	0.2	2.0
REDR205	12.0	25.1	188	111	1	15.0	0.7	1.0
REDR206	9.0	22.3	8	71.4	2	18.5	0.6	2.5
REDR207	10.0	24.2	5	80.0	2	16.0	0.7	1.5
REDR208	2.5	4.50	11	119	<1	192	0.3	0.5
REDR209	9.0	17.0	5	104	2	17.0	0.6	2.0
REDR210	10.0	23.5	4	146	2	14.0	0.7	1.0
REDR211	13.0	31.5	4	169	2	14.0	0.8	1.0
REDR212	13.0	33.2	5	149	2	15.0	0.8	0.5
REDR213	12.0	30.5	4	125	2	12.5	0.7	1.5





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Perth WA 6155 AustraliaTelephone (08) 9456 0404  
Facsimile (08) 9456 0403

Reference: u251955 Order Number: Page 8 of 21

	Nb ppm	Nd ppm	Pb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	W ppm
<b>Detection Limit</b>	0.5	0.05	1	0.2	1	0.5	0.1	0.5
REDR214	12.5	30.8	5	116	2	12.0	0.8	1.5
REDR215	13.5	33.7	4	124	2	11.5	0.8	2.0
REDR216	13.0	33.6	3	101	2	12.5	0.8	1.5
REDR217	13.0	32.2	5	105	2	16.0	0.8	1.0
REDR218	17.0	39.8	12	163	3	110	0.9	3.0
Std Nominal			66					
Determined	13.5	31.3	68	134	44	17.5	1.0	4.5
REDR219	18.0	38.3	6	159	2	100	1.1	3.5
REDR220	18.0	37.4	6	154	2	76.5	1.1	3.5
REDR221	16.5	36.0	8	151	2	100	1.0	2.0
REDR222	19.0	51.7	22	205	4	95.5	1.3	5.5
REDR223	18.0	54.0	20	238	5	84.5	1.5	4.0
REDR224	17.5	45.2	20	240	5	64.5	1.5	3.0
REDR225	17.5	52.6	14	236	4	70.0	1.4	4.0
REDR226	15.0	49.8	20	217	3	84.5	0.9	3.5
REDR227	15.0	40.9	15	219	3	81.5	0.9	4.5
REDR228	16.0	64.0	26	224	3	45.5	1.0	7.5
REDR229	18.0	43.1	7	209	3	44.0	1.1	7.5
REDR229 Rpt	17.0	43.1	6	211	3	44.5	1.0	7.5
REDR230	15.5	55.4	9	253	3	62.5	1.1	2.5
REDR231	15.0	47.3	32	210	4	66.5	1.1	3.0
REDR232	15.0	48.7	28	207	3	67.5	1.1	3.5
REDR233	18.5	62.4	31	271	5	78.0	1.6	3.5
REDR234	18.0	47.5	29	309	6	63.5	1.6	4.0
REDR235	14.5	58.9	26	226	5	54.5	1.3	4.0
REDR235 Rpt	15.0	56.4	25	222	4	53.0	1.3	4.0
REDR236	16.5	35.8	33	200	3	15.0	1.0	10.0
REDR237	16.5	35.3	71	162	2	16.0	1.0	4.0
REDR238	2.5	12.7	130	3.2	<1	1.5	0.2	2.0
REDR239	16.0	34.0	60	207	3	14.5	1.0	5.0
REDR240	17.5	33.7	32	177	2	17.5	1.0	3.5
REDR241	12.0	35.0	22	164	3	44.0	1.0	2.5
REDR242	13.0	36.6	22	154	4	46.0	1.1	2.5
REDR243	4.5	18.9	15	74.2	1	44.5	0.4	1.0
REDR244	3.5	15.8	20	80.0	<1	50.5	0.3	1.0
Std Nominal								
Determined	13.0	32.5	102	138	63	19.5	1.0	4.5
REDR245	15.0	41.3	41	186	4	44.5	1.1	3.0
REDR246	14.5	38.0	33	186	3	38.0	1.1	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
REDR247	2.5	4.35	11	122	<1	193	0.3	<0.5
REDR248	9.0	30.7	24	141	3	44.0	0.7	1.5
REDR249	9.0	24.6	31	124	3	38.5	0.8	1.5
REDR250	12.5	32.9	16	186	4	38.0	1.1	2.5
REDR251	11.5	35.0	10	174	3	29.0	0.8	3.5
REDR252	10.5	35.0	12	166	3	40.0	0.9	2.0
REDR253	13.5	38.8	7	190	2	18.5	0.9	3.5
REDR254	8.0	27.0	23	128	2	29.5	0.6	1.5
REDR255	12.0	34.5	29	168	3	35.0	0.9	2.0
REDR256	9.5	25.6	9	137	2	27.0	0.7	2.0
REDR257	4.0	18.0	26	63.8	<1	34.0	0.3	1.0
REDR258	9.0	28.1	22	113	2	35.5	0.7	2.0
REDR259	12.0	30.4	9	110	2	19.5	0.7	3.5
REDR260	12.0	33.2	8	119	2	17.5	0.7	3.5
REDR261	10.0	31.6	8	127	7	14.0	0.6	2.0
REDR262	11.0	35.5	9	181	4	50.5	0.9	2.0
REDR263	10.5	29.5	6	143	3	32.5	0.8	2.0
REDR264	12.5	36.2	7	230	5	43.5	1.1	2.5
REDR265	9.0	29.5	6	157	3	38.5	0.8	2.0
REDR266	11.0	32.8	6	191	4	36.0	1.0	2.5
REDR267	13.5	33.4	6	215	4	39.0	1.1	2.5
REDR268	10.5	30.8	6	151	4	38.5	0.9	2.0
REDR269	2.5	4.30	11	126	<1	192	0.3	<0.5
REDR270	10.0	27.2	7	141	3	34.5	0.8	2.0
REDR271	11.0	29.2	8	146	2	20.5	0.7	3.0
REDR272	10.5	32.1	11	134	2	18.5	0.7	3.0
REDR273	13.0	29.3	7	142	2	12.5	0.8	3.0
REDR274	12.0	32.1	7	158	1	12.0	0.8	2.5
REDR275	3.0	11.9	490	3.4	1	2.0	0.2	2.0
Std Nominal			345		206			
Determined	8.0	22.1	343	76.8	200	12.5	0.6	4.5
REDR276	12.5	31.9	7	187	1	16.0	0.8	1.0
REDR277	9.5	32.3	7	151	3	40.0	0.7	2.0
REDR278	11.0	31.0	6	160	3	33.5	0.7	3.0
REDR278 Rpt	11.0	31.3	6	162	3	35.0	0.7	3.0
REDR279	11.0	32.2	6	180	3	37.0	0.9	2.5
REDR280	12.5	33.2	6	200	4	38.5	1.1	2.5
REDR281	12.0	34.0	9	207	4	40.0	1.0	2.5
REDR282	10.5	31.9	7	181	3	42.0	0.9	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
REDR283	10.5	31.4	6	157	3	39.0	0.9	2.5
REDR284	10.0	31.3	7	162	2	30.5	0.6	2.0
REDR285	11.0	30.1	5	132	2	23.5	0.8	3.5
REDR286	9.5	26.7	6	166	2	28.0	0.6	1.5
REDR287	10.0	24.0	7	182	1	21.0	0.6	1.0
REDR288	8.5	21.3	7	138	1	19.5	0.5	1.0
REDR289	10.0	29.5	6	164	2	31.0	0.7	2.0
REDR290	10.5	29.8	5	111	2	21.5	0.6	4.5
REDR291	11.0	34.7	8	185	3	40.0	0.9	3.0
REDR292	10.0	29.9	8	178	3	43.5	0.8	2.0
REDR293	10.5	29.6	9	176	3	38.5	0.9	2.5
REDR294	8.5	29.7	9	158	3	43.0	0.7	2.0
REDR295	2.5	4.35	11	127	<1	196	0.3	<0.5
REDR296	11.5	29.8	6	142	3	31.0	0.9	2.0
REDR297	11.5	26.6	3	97.8	2	17.5	0.7	2.0
REDR298	10.5	34.8	8	189	3	40.0	0.8	2.5
REDR299	10.5	32.3	9	172	3	37.5	0.8	2.5
REDR300	2.0	12.1	132	3.0	<1	1.5	0.2	2.0
REDR301	11.0	29.0	3	119	2	17.0	0.7	1.5
REDR302	9.5	27.1	3	103	2	22.0	0.6	3.0
REDR303	10.0	32.7	5	122	2	28.0	0.7	2.0
REDR303 Rpt	10.5	33.7	5	129	2	29.0	0.8	2.0
Std Nominal	1.0	3.00	2590	2.8	13	5.0		<0.5
Determined	1.0	3.10	2680	2.6	12	5.5	<0.1	0.5

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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
<b>Detection Limit</b>	0.1	0.01	2	2	0.01	0.01	0.01	2
REDR145	36.6	1.62	76	9600	3.75	8.79	1.49	1030
REDR146	34.9	0.40	22	6020	2.81	9.89	0.87	158
REDR147	34.4	0.30	66	5090	3.61	9.19	1.18	518
Std Nominal	14.2	1.22	64	2910	12.0	0.60	1.80	1500
Determined	13.2	1.23	66	2960	11.8	0.61	1.81	1560
REDR148	47.0	0.55	18	2520	2.70	9.98	0.87	94
REDR149	55.9	0.93	22	2190	2.38	10.8	0.59	498
REDR150	53.6	0.71	40	4040	4.52	9.89	0.99	2840
REDR151	50.2	0.66	50	4900	7.07	8.63	1.25	6400
REDR152	64.7	1.18	36	4230	5.57	8.91	1.25	2390
REDR153	51.6	0.86	18	4470	4.89	8.95	1.32	1360
REDR154	52.5	1.08	34	9700	6.45	8.14	1.86	2800
REDR155	53.1	1.01	42	7670	6.50	8.27	1.76	3760
REDR156	53.3	0.80	22	3880	4.41	9.19	1.22	1390
REDR157	39.3	0.30	36	4940	4.87	8.47	1.61	3090
REDR158	38.5	0.25	60	4570	6.19	7.65	2.05	3510
REDR159	37.2	0.30	54	3720	4.38	9.01	1.56	1120
REDR160	37.1	0.44	24	1.22%	3.62	8.97	1.54	260
REDR161	41.6	0.57	18	6850	3.50	9.42	0.93	288
REDR162	46.4	0.62	40	1.31%	4.16	9.27	1.06	762
REDR163	34.1	0.30	32	2.08%	4.12	8.70	0.80	568
REDR164	3.6	0.12	120	3940	4.26	0.11	2.18	80
REDR165	50.8	0.23	6	2.07%	5.80	8.79	0.37	38
REDR165 Rpt	50.3	0.22	6	2.02%	5.73	8.46	0.36	36
REDR166	39.2	0.08	14	1.90%	5.17	9.89	0.19	164
REDR167	33.6	0.09	10	2.13%	4.59	9.52	0.40	102
REDR168	34.8	0.07	34	1.34%	4.63	10.2	0.31	734
REDR169	34.9	0.07	34	1.37%	4.15	10.3	0.34	666
REDR170	38.0	0.38	18	1.87%	4.01	10.2	0.59	344
REDR171	33.6	0.38	14	5.18%	3.27	9.70	0.24	266
REDR172	38.7	0.27	6	3.67%	2.85	9.79	0.36	66
REDR172 Rpt	39.5	0.26	6	3.59%	2.86	9.70	0.34	64
REDR173	37.5	0.40	8	1.17%	3.55	10.4	0.28	372
REDR174	35.6	0.18	8	9110	3.47	9.89	0.28	196
REDR175	32.9	0.14	12	2.43%	3.18	8.71	1.02	66
REDR176	39.2	0.23	16	2.13%	4.16	9.52	0.68	78
REDR177	33.3	0.23	8	3.84%	1.67	10.8	0.40	88
REDR178	37.7	0.27	6	2.79%	1.32	10.7	0.18	60
REDR179	4.0	0.42	<2	36	0.69	2.60	0.06	80



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Perth WA 6155 Australia

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Reference: u251955 Order Number: Page 12 of 21

	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
<b>Detection Limit</b>	0.1	0.01	2	2	0.01	0.01	0.01	2
REDR180	32.6	0.25	6	3.85%	2.30	9.79	0.28	42
REDR181	37.4	0.17	10	4.93%	2.54	9.27	0.36	190
REDR182	32.5	0.25	12	2.66%	4.24	9.79	0.54	98
REDR183	36.3	0.37	12	8400	3.93	10.4	0.54	68
REDR184	5.5	0.11	2	10	1.17	1.75	0.38	86
REDR185	39.7	0.62	12	9340	4.52	9.98	0.80	64
REDR186	43.4	0.68	14	8090	3.81	10.1	0.87	268
REDR187	48.1	0.74	20	7930	6.40	9.33	1.58	328
REDR188	55.2	0.72	38	1.45%	8.44	7.76	2.36	670
Std Nominal	16.0	2.48	46	1500	8.65	2.35	1.71	1180
Determined	17.4	2.50	46	1560	8.60	2.34	1.75	1180
REDR189	57.9	0.90	24	4080	9.47	8.81	1.35	416
REDR190	62.3	0.75	18	3980	3.87	9.89	0.88	3200
REDR191	54.8	2.46	14	4110	3.59	6.08	1.93	1090
REDR192	54.2	2.36	14	3140	3.81	8.96	2.02	1190
REDR193	48.5	4.23	14	1.02%	3.96	7.05	2.93	1290
REDR194	47.9	4.68	14	7690	3.99	7.79	3.25	1400
REDR195	47.7	4.59	14	1.07%	3.68	8.10	2.93	1290
Std Nominal		2.21	670	1.19%	25.5	0.62	1.79	704
Determined	7.1	2.21	666	1.17%	25.1	0.63	1.78	706
REDR196	47.9	3.82	12	3980	2.96	8.96	2.48	1070
REDR197	42.6	4.54	8	3320	2.58	8.76	2.63	1440
REDR198	33.6	3.97	4	5530	2.09	9.38	2.00	1130
REDR199	40.4	0.93	22	1800	5.19	8.86	2.26	154
REDR199 Rpt	39.7	0.92	22	1730	5.00	8.69	2.20	150
REDR200	39.6	2.13	22	2410	3.12	9.41	1.86	560
REDR201	36.0	2.55	18	1780	3.42	8.69	2.27	678
REDR202	39.1	2.92	14	1730	3.39	8.64	2.48	718
REDR203	35.8	5.08	8	3600	2.16	8.69	2.79	1210
REDR204	5.3	0.63	226	1.77%	11.4	0.13	3.26	202
REDR205	40.4	6.43	34	9730	3.54	7.54	3.72	2000
REDR206	31.0	8.83	18	2230	6.82	3.82	6.37	3330
REDR207	30.8	4.81	12	1070	6.56	4.21	4.21	2100
REDR208	4.1	0.47	2	16	0.85	2.54	0.07	100
REDR209	26.1	3.72	10	1150	5.04	5.17	2.56	1700
REDR210	33.0	4.56	12	128	6.25	5.75	3.12	2140
REDR211	43.4	4.04	12	580	6.05	7.80	2.94	1600
REDR212	40.3	3.14	12	76	7.23	7.71	2.43	1260
REDR213	36.1	2.69	24	44	8.39	6.44	2.97	1110



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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
<b>Detection Limit</b>	0.1	0.01	2	2	0.01	0.01	0.01	2
REDR214	35.9	1.96	38	14	10.5	5.74	3.33	824
REDR215	40.1	1.70	36	18	9.61	5.88	3.17	662
REDR216	38.7	3.53	32	44	8.68	6.03	4.18	1730
REDR217	36.6	1.87	44	60	8.53	4.80	4.59	846
REDR218	55.3	0.15	24	2980	3.30	9.15	0.36	1010
Std Nominal			40	2.59%				
Determined	27.2	0.28	38	2.61%	8.96	2.08	2.18	982
REDR219	53.7	0.59	12	1730	1.85	10.7	0.31	642
REDR220	54.1	0.64	10	1870	2.03	10.6	0.37	294
REDR221	50.5	0.18	12	2000	2.54	10.2	0.45	480
REDR222	43.1	0.09	22	3200	4.50	8.81	0.71	1600
REDR223	42.2	0.11	34	5470	7.73	7.08	1.07	6730
REDR224	42.7	0.15	40	6370	8.94	6.47	1.24	7130
REDR225	49.8	0.14	38	3800	7.59	7.48	1.14	5630
REDR226	60.7	0.12	18	2410	6.22	8.73	1.09	2770
REDR227	66.6	0.19	20	1900	4.30	9.98	0.71	2530
REDR228	59.8	0.28	30	2740	5.46	9.57	1.13	1120
REDR229	74.9	0.51	16	2400	5.09	9.06	1.35	1290
REDR229 Rpt	74.5	0.53	16	2450	5.18	9.14	1.38	1310
REDR230	55.8	0.27	20	1640	5.36	9.14	1.16	2620
REDR231	49.3	0.11	24	3030	7.83	7.72	0.89	1.11%
REDR232	52.0	0.11	22	3010	7.42	7.95	0.80	1.09%
REDR233	45.4	0.10	24	2670	5.63	8.24	0.89	4410
REDR234	33.2	0.48	22	1770	4.97	8.80	1.20	1130
REDR235	33.5	0.20	48	640	5.71	8.91	1.53	302
REDR235 Rpt	33.8	0.20	50	630	5.65	8.77	1.49	300
REDR236	51.5	0.66	54	540	3.61	10.1	0.92	358
REDR237	48.3	0.70	66	542	4.57	10.5	0.36	1080
REDR238	3.6	0.12	120	4090	4.38	0.13	2.20	84
REDR239	54.8	0.67	54	454	3.76	10.6	0.61	844
REDR240	52.4	0.63	24	530	2.61	11.2	0.46	1490
REDR241	30.3	8.10	28	224	3.61	5.24	5.40	3960
REDR242	29.9	8.94	20	432	3.80	5.03	5.82	3490
REDR243	19.4	17.1	14	218	4.12	2.04	9.14	8330
REDR244	13.5	16.9	10	156	6.69	2.31	7.03	1.15%
Std Nominal			50	3.93%				
Determined	26.1	0.34	50	3.92%	9.93	2.03	2.12	1010
REDR245	39.2	5.15	28	298	4.83	7.51	3.40	4510
REDR246	41.2	4.25	24	296	4.23	7.89	2.96	3940



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Facsimile (08) 9456 0403

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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
Detection Limit	0.1	0.01	2	2	0.01	0.01	0.01	2
REDR247	4.1	0.44	<2	8	0.79	2.58	0.07	98
REDR248	29.2	11.1	26	206	3.70	4.22	6.53	4940
REDR249	27.9	12.2	28	200	4.26	3.61	7.35	4750
REDR250	28.8	7.23	22	98	4.94	5.01	5.50	2910
REDR251	42.4	6.90	20	88	3.50	6.51	4.64	2340
REDR252	31.0	9.15	24	132	4.23	4.82	6.31	3580
REDR253	50.3	5.45	18	124	3.46	7.49	3.88	1680
REDR254	30.0	10.0	16	112	3.65	4.70	6.44	4340
REDR255	35.5	7.40	18	96	3.79	6.45	5.09	2530
REDR256	33.4	9.80	24	100	2.83	5.53	5.83	3620
REDR257	15.9	16.5	22	228	3.12	1.88	9.26	6880
REDR258	26.1	11.8	38	140	3.17	4.28	7.35	4600
REDR259	42.0	6.39	34	196	3.94	6.99	4.45	2430
REDR260	44.2	5.40	28	196	4.02	7.71	3.84	2130
REDR261	39.1	5.35	28	154	3.52	7.74	3.80	1810
REDR262	27.4	9.56	26	34	3.34	5.41	6.49	2980
REDR263	30.7	9.00	18	30	3.83	5.28	6.07	3380
REDR264	27.8	6.69	18	28	3.53	6.32	4.83	2370
REDR265	26.6	10.4	20	538	3.50	4.22	6.88	3110
REDR266	28.2	8.54	16	146	4.27	5.04	6.33	2890
REDR267	31.2	8.02	18	66	4.20	5.34	5.97	2680
REDR268	28.0	9.90	18	36	4.36	4.31	6.99	3480
REDR269	3.8	0.50	<2	4	0.80	2.60	0.09	98
REDR270	25.6	11.2	28	24	3.83	4.43	7.24	4430
REDR271	33.7	6.50	16	42	2.15	8.22	3.77	2200
REDR272	36.6	4.42	14	564	2.24	9.05	2.62	1410
REDR273	36.9	3.72	12	512	1.78	9.89	2.01	1220
REDR274	41.7	1.89	12	1180	1.59	10.9	0.94	594
REDR275	5.4	0.64	230	1.78%	11.4	0.11	3.30	204
Std Nominal		0.19	122	14.8 %	19.6	1.20	1.36	
Determined	16.3	0.20	124	14.6%	19.6	1.15	1.30	604
REDR276	44.3	2.44	12	346	1.70	10.4	1.33	696
REDR277	27.9	10.4	22	100	2.65	5.29	6.46	3380
REDR278	37.1	8.89	16	36	2.44	6.40	5.49	2100
REDR278 Rpt	37.0	8.90	16	38	2.48	6.53	5.60	2140
REDR279	32.9	8.39	18	46	4.24	5.73	5.97	2500
REDR280	29.0	7.58	16	376	4.80	5.80	5.70	2780
REDR281	29.1	7.36	18	398	5.13	5.56	5.56	2330
REDR282	27.9	10.3	22	18	3.56	4.87	6.84	3280



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	Y ppm	Ca %	Co ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm
Detection Limit	0.1	0.01	2	2	0.01	0.01	0.01	2
REDR283	30.2	9.42	18	8	3.97	4.61	6.19	2740
REDR284	39.4	9.10	16	48	2.85	6.18	5.55	2660
REDR285	36.0	7.03	12	34	2.59	7.14	4.29	2140
REDR286	34.7	9.59	20	24	3.84	5.85	6.13	2790
REDR287	37.2	8.99	24	30	3.48	6.05	5.66	2910
REDR288	31.8	10.0	26	22	4.07	5.24	6.38	3800
REDR289	30.8	9.62	18	18	4.33	5.59	6.02	3380
REDR290	42.5	8.25	16	12	3.77	5.59	5.33	2590
REDR291	27.9	7.34	18	4	4.25	5.15	4.90	2250
REDR292	30.8	10.7	18	8	3.81	4.85	6.65	3040
REDR293	28.1	9.32	20	8	5.39	4.82	6.08	2930
REDR294	28.9	11.6	20	22	4.28	4.07	7.16	3520
REDR295	4.1	0.48	<2	4	0.72	2.61	0.09	94
REDR296	31.9	8.03	20	14	3.97	5.68	5.43	2740
REDR297	41.9	6.94	14	14	3.75	6.60	4.77	2090
REDR298	29.9	8.18	20	8	4.99	5.59	5.24	2370
REDR299	28.3	8.47	20	6	4.86	5.43	5.67	2560
REDR300	3.8	0.12	122	4000	4.24	0.11	2.26	80
REDR301	35.9	6.67	12	24	3.31	7.19	4.28	2080
REDR302	35.0	9.15	14	16	3.54	5.77	5.79	2680
REDR303	35.2	8.84	20	20	3.77	5.69	5.74	2670
REDR303 Rpt	36.0	8.84	20	22	3.81	5.81	5.80	2710
Std Nominal	3.9	0.22	330	24.0 %	29.3	0.03	0.51	104
Determined	3.6	0.23	336	23.5%	29.8	0.04	0.52	106

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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR145	24	1800	8200	68
REDR146	24	2100	1.05%	38
REDR147	28	1550	8150	62
Std Nominal	94	250	2500	1.04%
Determined	98	300	2500	1.04%
REDR148	18	2550	1.37%	60
REDR149	14	4150	1.73%	98
REDR150	18	3100	1.63%	56
REDR151	26	2650	1.62%	66
REDR152	30	4550	1.73%	70
REDR153	30	3900	1.65%	70
REDR154	60	4100	1.64%	90
REDR155	44	3800	1.61%	82
REDR156	24	3250	1.47%	58
REDR157	40	1200	6550	78
REDR158	48	950	5200	112
REDR159	36	1200	6650	74
REDR160	32	1750	9400	54
REDR161	14	2500	1.29%	42
REDR162	28	2850	1.60%	48
REDR163	24	2000	1.05%	48
REDR164	12	300	450	22
REDR165	16	2950	1.71%	34
REDR165 Rpt	14	2850	1.65%	36
REDR166	6	3150	1.66%	34
REDR167	10	2000	1.35%	44
REDR168	6	2400	1.82%	42
REDR169	8	2500	1.83%	40
REDR170	10	2750	1.89%	42
REDR171	12	2950	1.75%	36
REDR172	6	2550	1.76%	28
REDR172 Rpt	6	2550	1.73%	24
REDR173	4	3100	1.94%	22
REDR174	6	2350	1.81%	28
REDR175	26	1600	1.03%	50
REDR176	22	2850	1.79%	44
REDR177	8	3550	1.96%	28
REDR178	4	3150	1.92%	22
REDR179	2	150	400	8



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR180	8	2350	1.72%	22
REDR181	4	2600	1.80%	16
REDR182	10	2750	1.76%	32
REDR183	6	2550	1.80%	22
REDR184	10	200	1000	6
REDR185	12	3350	1.77%	26
REDR186	10	3450	1.76%	26
REDR187	18	3600	1.79%	48
REDR188	38	3750	1.76%	42
Std Nominal	74	600	5100	5200
Determined	74	650	5150	5370
REDR189	14	4650	1.70%	42
REDR190	12	3500	1.73%	34
REDR191	8	2850	1.72%	22
REDR192	10	2750	1.64%	24
REDR193	12	2100	1.29%	22
REDR194	8	2200	1.38%	22
REDR195	6	2350	1.46%	14
Std Nominal	1.95%	700	2500	236
Determined	1.91%	700	2450	240
REDR196	10	2550	1.55%	20
REDR197	8	2400	1.44%	14
REDR198	2	2500	1.49%	10
REDR199	18	3150	2.02%	38
REDR199 Rpt	20	3050	1.93%	36
REDR200	16	2800	1.73%	16
REDR201	10	2650	1.68%	20
REDR202	12	2600	1.70%	12
REDR203	2	2350	1.46%	68
REDR204	32	350	650	104
REDR205	12	2200	1.28%	58
REDR206	16	1100	6550	38
REDR207	10	1100	7600	34
REDR208	<2	150	450	10
REDR209	6	1100	7300	24
REDR210	8	1450	8650	24
REDR211	4	1900	1.18%	24
REDR212	4	1950	1.13%	24
REDR213	16	1700	1.12%	30



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR214	18	1700	1.14%	40
REDR215	16	1850	1.16%	40
REDR216	12	1800	1.22%	56
REDR217	16	1800	1.20%	84
REDR218	12	1250	1.79%	36
Std Nominal				324
Determined	36	600	3900	322
REDR219	6	3150	1.88%	22
REDR220	10	3300	1.91%	22
REDR221	10	1300	1.93%	26
REDR222	18	950	1.39%	36
REDR223	30	1000	8250	56
REDR224	40	1150	7050	74
REDR225	30	1000	1.11%	70
REDR226	24	1050	1.59%	72
REDR227	22	1250	1.79%	56
REDR228	22	1700	1.60%	62
REDR229	14	2650	1.95%	54
REDR229 Rpt	14	2650	1.95%	50
REDR230	24	1750	1.60%	68
REDR231	26	1300	1.33%	106
REDR232	18	1300	1.34%	84
REDR233	18	1100	8600	54
REDR234	26	550	5650	56
REDR235	28	950	4850	80
REDR235 Rpt	28	900	4850	78
REDR236	24	2950	1.76%	94
REDR237	16	3150	1.95%	20
REDR238	14	300	500	22
REDR239	22	2900	1.83%	32
REDR240	12	2700	1.97%	30
REDR241	18	750	4550	46
REDR242	14	700	4200	54
REDR243	6	700	1250	66
REDR244	4	450	1700	64
Std Nominal				
Determined	38	600	3700	454
REDR245	16	1850	7950	332
REDR246	16	1800	9700	108



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR247	<2	150	450	8
REDR248	12	650	3100	72
REDR249	12	700	3050	60
REDR250	12	700	3600	60
REDR251	14	1750	1.06%	54
REDR252	16	800	3800	68
REDR253	8	2300	1.41%	40
REDR254	12	1150	6650	50
REDR255	14	1350	7800	56
REDR256	8	1550	8350	48
REDR257	6	350	1700	36
REDR258	10	800	4450	58
REDR259	14	2500	1.35%	42
REDR260	10	2700	1.48%	42
REDR261	24	2450	1.50%	36
REDR262	16	600	3700	50
REDR263	12	900	5200	44
REDR264	18	650	3700	54
REDR265	16	450	2500	40
REDR266	14	550	3200	54
REDR267	16	550	3450	54
REDR268	14	550	3200	54
REDR269	2	100	450	10
REDR270	16	600	3500	54
REDR271	6	2100	1.32%	28
REDR272	6	2300	1.55%	22
REDR273	10	2550	1.70%	12
REDR274	2	2500	1.73%	10
REDR275	34	400	600	108
Std Nominal	36			1360
Determined	34	600	2350	1360
REDR276	10	2650	1.70%	16
REDR277	14	950	5500	36
REDR278	8	1600	9700	30
REDR278 Rpt	10	1650	9800	28
REDR279	14	1000	5000	46
REDR280	16	650	3750	60
REDR281	16	600	3450	58
REDR282	14	450	2850	44



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	Ni ppm	P ppm	Ti ppm	Zn ppm
Detection Limit	2	50	50	2
REDR283	12	750	4350	44
REDR284	6	1850	9500	44
REDR285	6	1750	1.11%	28
REDR286	10	1500	9700	42
REDR287	8	1700	1.09%	46
REDR288	8	1600	9600	44
REDR289	6	1200	7450	38
REDR290	8	1750	1.06%	36
REDR291	14	650	4250	36
REDR292	12	650	3600	34
REDR293	10	550	3450	42
REDR294	12	500	2900	36
REDR295	2	100	450	8
REDR296	14	1100	7300	32
REDR297	12	2000	1.28%	26
REDR298	10	850	5300	32
REDR299	14	800	5100	38
REDR300	10	300	450	24
REDR301	8	1950	1.29%	20
REDR302	4	1500	9700	26
REDR303	8	1350	8850	30
REDR303 Rpt	10	1350	9000	30
Std Nominal	6	50	50	2.63%
Determined	4	50	100	2.60%

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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

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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

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No sample preparation was required on these samples.



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#### Digest and Analysis:

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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,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,Co,Er,Eu,La,Nb,Nd,Pb,Rb,Sn,Sr,Ta,W,Y

have been determined by Inductively Coupled Plasma (ICP) Mass Spectrometry.