



Bureau Veritas Minerals Pty Ltd



MINERAL TESTING & LABORATORY SERVICES

ABN: 30 008 127 802

58 Sorbonne Crescent Canning Vale
Perth WA 6155 Australia

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

Reference: **u279059**
Date Finished: 11/09/2017
Order:
Project: Ferdies
Date Received: 18/08/2017
Samples Analysed: **260**

FINAL ANALYSIS REPORT

Analysis of Mineral Samples

for

Ferdies Find Pty Ltd

12 Gibson Retreat Cable Beach WA 6726

Attention: Mr. D. Hammond

Authorised By:

Tom Lowther

Operations Manager

Bureau Veritas Minerals Pty Ltd



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	Au(AR) ppb	Au(AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0001	2	NR	<0.05	4.0	5.4	10	3.40	949
G0002	<1	NR	0.05	4.2	8.4	17	2.85	323
G0003	<1	NR	<0.05	5.8	20.8	26	7.11	409
G0004	<1	NR	<0.05	3.8	29.2	32	5.41	564
G0005	<1	NR	<0.05	3.0	30.4	30	4.87	538
G0006	<1	NR	<0.05	3.0	25.8	27	4.53	513
G0007	<1	NR	<0.05	3.8	25.8	29	5.64	511
G0008	<1	NR	<0.05	4.0	21.2	20	6.17	487
G0009	<1	NR	<0.05	9.2	10.8	19	9.27	566
G0010	<1	NR	<0.05	7.0	2.6	10	3.79	40
Std Nominal	19	19	0.20	12.0	21.0	41	1.07	67
Determined	19	NR	0.20	12.4	20.6	40	1.05	65
G0011	3	NR	<0.05	18.2	1.4	7	7.94	10
G0011 Rpt	2	NR	<0.05	17.0	1.2	7	7.69	10
G0012	3	NR	<0.05	9.8	1.0	3	4.64	16
G0013	<1	NR	<0.05	15.8	1.2	3	8.17	13
G0014	<1	NR	0.20	3.6	0.6	4	3.61	28
G0015	<1	NR	<0.05	8.2	50.2	16	3.65	1210
G0016	<1	NR	<0.05	5.4	31.6	103	4.60	1360
G0017	<1	NR	0.05	29.2	19.2	9	2.95	1770
G0018	<1	NR	<0.05	22.6	12.4	7	2.81	1130
G0018 Rpt	<1	NR	<0.05	23.0	11.6	7	2.81	1140
G0019	<1	NR	<0.05	44.0	12.2	81	2.94	2030
G0020	<1	NR	<0.05	<0.2	0.4	2	0.37	48
G0021	<1	NR	0.05	2.8	2.8	7	1.66	149
G0022	<1	NR	<0.05	4.0	9.2	20	3.23	301
G0023	<1	NR	<0.05	4.0	26.0	29	5.37	516
G0024	<1	NR	<0.05	2.8	28.4	29	5.64	671
G0025	<1	NR	<0.05	3.6	29.4	29	5.06	887
G0026	<1	NR	0.05	5.4	12.0	21	7.46	470
G0027	<1	NR	<0.05	4.8	7.8	14	6.29	246
G0028	2	NR	<0.05	16.0	3.2	12	9.46	81
G0029	2	NR	<0.05	37.8	8.4	8	8.26	94
G0030	102	NR	1.20	36.6	42.2	6430	8.24	336
G0031	<1	NR	<0.05	23.6	31.6	4	3.60	954
G0032	<1	NR	<0.05	6.8	51.0	9	3.50	1130
G0033	<1	NR	<0.05	8.0	13.0	79	4.03	889
G0033 Rpt	<1	NR	<0.05	8.2	13.2	80	4.21	904
G0034	2	NR	<0.05	6.6	21.8	36	4.55	788
G0035	<1	NR	<0.05	5.2	12.6	72	4.18	1040
Std Nominal	900	900	11.5		6.4	26	1.78	175
Determined	912	NR	12.1	0.4	6.2	25	1.78	174



Reference: u279059 Order Number: Page 2 of 16

	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0036	1	NR	<0.05	6.8	5.0	18	5.03	366
G0037	<1	NR	<0.05	5.2	13.2	21	5.43	604
G0038	<1	NR	<0.05	3.8	24.4	25	5.54	621
G0038 Rpt	<1	NR	<0.05	3.6	25.4	25	5.37	615
G0039	<1	NR	<0.05	5.0	8.8	23	6.04	368
G0040	<1	NR	<0.05	5.2	11.8	19	6.44	320
G0041	<1	NR	<0.05	4.4	12.8	13	5.05	264
G0042	3	NR	<0.05	5.8	36.0	14	5.06	358
G0043	<1	NR	<0.05	5.6	3.0	7	5.40	118
G0044	<1	NR	<0.05	3.2	5.0	8	3.47	99
G0045	<1	NR	0.25	18.4	3.8	10	2.74	286
G0046	<1	NR	<0.05	5.2	26.0	12	2.97	1780
G0047	<1	NR	<0.05	0.2	0.4	1	0.41	49
G0048	<1	NR	<0.05	7.2	8.4	57	4.12	1300
G0049	<1	NR	0.05	34.8	12.4	40	3.68	337
G0050	<1	NR	<0.05	27.0	25.2	22	3.75	1550
G0051	<1	NR	0.20	24.4	13.2	39	3.63	2160
G0052	<1	NR	0.05	11.6	7.0	18	6.76	672
G0053	3	NR	0.10	8.4	23.6	37	11.3	662
G0054	<1	NR	<0.05	3.8	4.0	12	4.66	81
G0055	<1	NR	<0.05	7.0	5.4	9	8.52	42
G0056	<1	NR	<0.05	5.4	4.0	5	5.06	84
G0057	<1	NR	<0.05	6.8	37.0	11	4.49	921
G0058	<1	NR	<0.05	6.8	42.6	13	4.19	1150
G0059	<1	NR	<0.05	6.8	44.8	13	4.23	1110
G0060	<1	NR	<0.05	4.0	13.2	5	3.28	1880
G0061	2	NR	0.05	6.8	9.4	23	3.43	1100
Std Nominal	2.42M	2.42M			8.0	52	2.10	208
Determined	2.44M	NR	2.40	1.4	7.8	52	2.10	213
G0062	2	NR	0.05	13.0	7.2	6	3.41	1020
G0063	1	NR	<0.05	4.4	9.2	16	3.40	1960
G0063 Rpt	2	NR	0.05	4.6	9.2	17	3.39	1900
G0064	3	NR	0.90	6.6	14.8	4	3.81	2300
G0065	<1	NR	0.10	2.6	8.4	30	2.96	764
G0066	<1	NR	0.05	5.0	12.4	35	3.28	3490
G0067	<1	NR	0.05	9.6	18.6	62	3.90	2800
G0067 Rpt	<1	NR	0.10	9.6	19.2	59	3.76	2710
G0068	<1	NR	0.15	50.6	27.6	24	3.40	576
G0069	<1	NR	0.15	48.8	28.4	25	3.45	800
G0070	<1	NR	0.10	32.4	22.4	21	3.38	1550
G0071	<1	NR	<0.05	5.6	8.8	24	5.66	216
G0072	<1	NR	<0.05	1.6	174	86	4.90	1560
G0073	388	NR	0.45	32.0	14.0	1560	3.44	360



Reference: u279059 Order Number: Page 3 of 16

	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0074	<1	NR	<0.05	1.0	254	59	5.00	1260
G0075	<1	NR	<0.05	1.0	134	216	6.74	1680
G0076	<1	NR	<0.05	0.8	64.2	40	6.70	1160
G0077	<1	NR	<0.05	0.4	52.2	179	5.38	808
G0077 Rpt	<1	NR	<0.05	0.4	52.0	182	5.46	830
G0078	2	NR	0.05	0.4	33.4	60	3.67	441
G0079	4	NR	0.05	0.8	29.6	44	4.13	480
G0080	8	NR	<0.05	0.4	30.0	131	3.06	427
G0081	4	NR	<0.05	0.4	28.2	41	2.83	272
G0082	5	NR	0.05	0.2	25.2	122	2.91	325
G0083	3	NR	<0.05	0.4	31.8	61	3.54	400
G0084	<1	NR	<0.05	1.8	3.6	12	6.90	232
Std Nominal	19	19	0.20	12.0	21.0	41	1.07	67
Determined	19	NR	0.20	12.6	21.4	40	1.07	67
G0085	<1	NR	<0.05	1.0	2.4	10	8.43	163
G0086	<1	NR	<0.05	1.4	4.0	26	8.54	471
G0087	<1	NR	0.10	1.2	3.6	24	8.46	454
G0087 Rpt	<1	NR	0.05	1.2	3.6	25	8.82	459
G0088	<1	NR	<0.05	0.4	38.4	91	3.60	1330
G0089	<1	NR	<0.05	1.8	574	221	5.11	2760
G0090	4	NR	0.05	0.8	83.2	375	5.34	1280
G0091	4	NR	0.10	0.4	40.4	163	3.89	507
G0092	<1	NR	0.10	0.4	35.6	110	3.90	436
G0093	3	NR	<0.05	0.2	28.4	32	3.25	421
G0094	4	NR	<0.05	0.4	35.2	28	3.39	413
G0095	4	NR	<0.05	0.2	30.2	23	2.93	344
G0096	4	NR	<0.05	0.4	27.6	31	2.84	347
G0097	8	NR	0.05	0.4	30.0	45	3.03	385
G0098	<1	NR	<0.05	1.4	4.4	15	7.75	167
G0099	<1	NR	<0.05	0.4	13.2	55	6.39	168
G0100	<1	NR	<0.05	0.8	10.8	43	6.08	224
G0101	<1	NR	<0.05	0.4	6.0	75	6.67	238
G0102	<1	NR	<0.05	1.2	81.6	365	6.53	936
G0103	<1	NR	<0.05	0.4	177	76	3.94	2090
G0103 Rpt	<1	NR	<0.05	0.4	179	75	3.80	2050
G0104	<1	NR	<0.05	0.2	0.4	2	0.43	48
G0105	3	NR	<0.05	0.4	45.8	33	4.09	801
G0106	<1	NR	<0.05	0.2	39.6	16	3.87	649
G0107	3	NR	<0.05	0.4	34.6	25	4.12	498
G0108	3	NR	<0.05	0.4	36.8	29	4.35	526
G0109	2	NR	<0.05	0.4	31.8	38	3.17	372
G0110	3	NR	<0.05	0.4	28.4	24	2.92	306
Std Nominal	900	900	11.5		6.4	26	1.78	175



Reference: u279059 Order Number: Page 4 of 16

	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
Determined	928	NR	11.2	0.2	6.2	27	1.73	172
G0111	<1	NR	<0.05	3.2	262	30	5.68	1730
G0112	<1	NR	0.05	1.2	213	32	6.26	1460
G0113	<1	NR	<0.05	1.4	63.0	42	6.26	1050
G0114	<1	NR	<0.05	0.8	47.6	46	4.68	668
G0115	<1	NR	<0.05	0.4	42.0	249	4.47	662
G0116	<1	NR	<0.05	0.2	46.8	40	4.34	729
G0117	2	NR	<0.05	0.4	38.2	21	4.86	665
G0118	4	NR	<0.05	0.4	40.4	19	4.38	625
G0119	<1	NR	<0.05	0.2	0.4	2	0.48	53
G0120	3	NR	0.05	0.4	37.2	21	4.22	471
G0121	2	NR	<0.05	0.4	42.6	34	4.56	589
G0122	2	NR	<0.05	0.4	41.6	65	4.83	498
G0122 Rpt	2	NR	<0.05	0.4	40.6	66	4.78	494
G0123	3	NR	<0.05	0.4	29.4	51	3.01	392
G0124	<1	NR	<0.05	2.6	24.0	35	3.94	404
G0125	<1	NR	<0.05	1.8	560	140	4.47	4900
G0126	<1	NR	<0.05	1.4	128	23	4.38	1190
G0127	3	NR	<0.05	1.0	59.6	50	4.48	1120
G0128	3	NR	<0.05	0.4	45.6	415	4.19	729
G0129	3	NR	<0.05	0.4	38.0	146	3.67	515
G0130	4	NR	<0.05	0.4	36.6	139	3.40	458
G0130 Rpt	3	NR	<0.05	<0.2	37.8	146	3.64	477
G0131	3	NR	<0.05	0.2	32.8	13	2.94	475
G0132	4	NR	<0.05	0.4	34.2	19	3.25	409
Std Nominal	2.42M	2.42M			8.0	52	2.10	208
Determined	2.44M	NR	2.20	0.8	7.6	52	2.12	201
G0133	<1	NR	<0.05	0.8	40.4	33	3.95	499
G0134	1	NR	<0.05	0.4	29.2	42	3.26	312
G0135	<1	NR	<0.05	1.6	4.4	21	4.21	196
G0136	<1	NR	<0.05	0.8	731	116	4.85	6050
G0137	<1	NR	<0.05	1.0	344	23	4.31	1780
G0138	<1	NR	<0.05	0.8	31.6	55	4.55	792
G0139	<1	NR	<0.05	0.2	54.0	239	4.40	941
G0140	<1	NR	<0.05	<0.2	0.6	2	0.45	53
G0141	<1	NR	<0.05	<0.2	33.8	64	2.99	595
G0142	<1	NR	<0.05	0.2	43.4	29	3.48	917
G0143	4	NR	<0.05	0.2	33.0	10	3.13	531
G0144	6	NR	<0.05	0.4	33.0	11	3.14	521
G0145	3	NR	<0.05	0.4	32.4	9	3.18	468
G0146	3	NR	0.05	0.4	30.8	27	3.22	377
G0146 Rpt	2	NR	<0.05	0.4	32.8	26	3.17	370
G0147	3	NR	<0.05	0.4	27.0	26	2.55	327



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	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0148	<1	NR	<0.05	0.2	18.2	18	2.93	336
G0149	2	NR	<0.05	4.8	18.0	25	10.6	877
G0150	<1	NR	0.10	5.0	65.4	26	9.89	937
G0151	<1	NR	0.15	3.2	41.2	42	7.10	759
G0151 Rpt	<1	NR	0.05	3.4	42.8	41	7.00	760
G0152	<1	NR	<0.05	3.8	31.8	31	4.89	462
G0153	6	NR	<0.05	5.2	8.8	22	7.32	525
G0154	3	NR	<0.05	1.2	33.2	45	4.28	584
G0155	96	NR	1.20	35.8	43.2	6390	8.15	333
G0156	<1	NR	<0.05	0.4	36.2	23	3.72	833
G0157	<1	NR	0.05	5.8	68.4	30	11.0	1910
G0158	<1	NR	0.05	4.2	47.4	23	9.35	904
G0159	<1	NR	<0.05	3.6	41.0	38	6.78	836
G0160	<1	NR	<0.05	4.4	23.6	32	7.11	519
G0161	<1	NR	0.05	5.2	22.8	20	8.72	656
G0162	1	NR	0.20	0.8	41.2	16	4.68	713
Std Nominal	19	19	0.20	12.0	21.0	41	1.07	67
Determined	19	NR	0.25	12.4	20.8	41	1.11	70
G0163	4	NR	<0.05	0.8	36.0	15	4.28	648
G0164	12	NR	<0.05	0.4	31.0	23	3.98	481
G0164 Rpt	11	NR	<0.05	0.8	30.6	24	4.03	469
G0165	3	NR	<0.05	0.4	27.6	17	3.62	363
G0166	4	NR	<0.05	0.4	28.4	18	3.93	336
G0167	<1	NR	0.05	6.2	47.6	26	11.6	1400
G0168	<1	NR	<0.05	3.6	63.0	24	8.15	1130
G0169	<1	NR	0.05	4.8	11.2	22	7.08	534
G0170	<1	NR	<0.05	4.8	6.6	18	6.63	448
G0171	2	NR	<0.05	3.2	13.2	22	7.28	533
G0172	4	NR	0.10	1.2	91.2	206	5.09	1290
G0173	4	NR	<0.05	0.4	49.4	258	4.81	922
G0174	8	NR	<0.05	0.4	32.8	36	4.11	416
G0175	14	12	<0.05	0.6	27.0	38	4.49	394
G0176	<1	NR	<0.05	4.0	24.8	23	10.9	806
G0177	<1	NR	<0.05	3.0	25.6	18	7.02	427
G0178	<1	NR	<0.05	2.8	2.6	15	6.83	321
G0179	<1	NR	<0.05	2.2	40.4	18	7.17	940
G0180	<1	NR	<0.05	2.0	10.0	16	6.10	433
G0181	2	NR	<0.05	0.6	61.8	41	4.60	709
G0182	3	NR	<0.05	0.4	29.2	22	3.10	384
G0182 Rpt	3	NR	<0.05	0.4	28.4	22	3.15	384
G0183	3	NR	<0.05	0.4	26.2	18	2.93	337
G0184	3	NR	<0.05	0.8	26.6	13	3.28	340
G0185	394	NR	0.45	32.2	13.2	1580	3.59	357



Reference: u279059 Order Number: Page 6 of 16

	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0186	<1	NR	<0.05	4.8	21.2	26	13.0	705
G0187	<1	NR	<0.05	4.0	8.4	13	8.15	576
Std Nominal	900	900	11.5		6.4	26	1.78	175
Determined	878	NR	11.8	0.4	6.2	26	1.78	174
G0188	1	NR	<0.05	3.2	2.8	12	5.71	262
G0189	2	NR	0.05	3.0	30.8	15	5.70	915
G0189 Rpt	1	NR	<0.05	3.2	31.8	15	5.72	917
G0190	2	NR	<0.05	1.4	37.0	27	4.30	415
G0191	2	NR	<0.05	0.8	32.4	34	3.65	412
G0192	4	NR	<0.05	0.4	27.8	29	2.42	304
G0193	<1	NR	<0.05	<0.2	<0.2	2	0.43	50
G0194	3	NR	<0.05	0.4	33.0	45	3.42	412
G0195	3	NR	0.05	0.8	30.8	67	3.56	349
G0196	3	NR	<0.05	0.4	29.2	102	3.44	316
G0197	<1	NR	0.10	4.0	7.8	19	9.35	454
G0198	<1	NR	0.05	4.2	3.2	16	6.55	161
G0199	<1	NR	<0.05	3.0	88.0	63	5.99	2270
G0200	2	NR	<0.05	0.8	29.8	79	2.84	419
G0201	3	NR	<0.05	0.4	26.8	99	2.76	382
G0202	4	NR	0.10	0.4	28.2	62	3.07	371
G0202 Rpt	4	NR	0.10	0.4	28.6	64	3.10	365
G0203	3	NR	<0.05	0.4	30.8	35	3.39	355
G0204	<1	NR	<0.05	2.8	141	25	5.25	899
G0205	<1	NR	<0.05	1.0	195	112	4.94	2000
G0206	<1	NR	<0.05	0.8	48.8	211	4.76	772
G0207	3	NR	<0.05	0.4	46.0	136	4.55	502
G0208	99	NR	1.20	37.8	45.8	6360	8.28	343
G0209	1	NR	0.05	0.4	37.0	249	3.92	511
Std Nominal	2.42M	2.42M			8.0	52	2.10	208
Determined	2.45M	NR	3.30	0.8	7.8	51	2.06	202
G0210	1	NR	<0.05	0.2	34.0	32	3.57	512
G0211	<1	NR	0.05	0.4	36.4	23	3.71	442
G0212	2	NR	<0.05	0.4	30.4	42	3.31	322
G0213	1	NR	<0.05	1.2	34.2	87	2.79	501
G0213 Rpt	1	NR	<0.05	1.0	33.8	85	2.90	497
G0214	<1	NR	<0.05	3.0	7.4	27	6.75	382
G0215	<1	NR	<0.05	1.2	565	116	5.77	4520
G0216	<1	NR	<0.05	1.0	346	92	5.39	3020
G0217	<1	NR	<0.05	1.0	56.8	196	4.11	950
G0218	4	NR	0.15	0.4	42.6	280	3.69	573
G0219	7	NR	<0.05	0.4	34.0	137	3.27	441
G0220	3	NR	<0.05	0.2	35.2	54	3.48	456
G0221	3	NR	<0.05	0.4	31.0	52	3.80	421



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	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0222	2	NR	<0.05	0.4	40.2	74	3.20	321
G0223	2	NR	<0.05	0.4	31.8	104	3.56	389
G0224	5	NR	<0.05	0.2	44.2	55	4.04	414
G0225	6	NR	<0.05	0.4	40.4	46	3.75	569
G0226	<1	NR	<0.05	1.2	3.6	24	5.41	187
G0227	<1	NR	<0.05	1.0	6.0	43	7.28	209
G0228	<1	NR	<0.05	0.4	72.6	63	4.19	2990
G0229	<1	NR	<0.05	1.8	828	281	6.15	7410
G0230	<1	NR	<0.05	<0.2	0.2	2	0.48	58
G0231	3	NR	<0.05	1.0	84.0	156	5.34	1100
G0232	3	NR	<0.05	0.4	51.2	48	4.27	588
G0233	<1	NR	<0.05	<0.2	47.8	57	3.49	589
G0234	3	NR	<0.05	<0.2	25.6	22	2.99	431
G0235	3	NR	<0.05	<0.2	19.8	27	2.88	372
G0236	7	NR	<0.05	0.2	34.2	29	2.98	316
G0237	6	NR	<0.05	<0.2	20.8	18	2.97	347
G0238	<1	NR	<0.05	2.8	100	37	6.42	1020
G0239	<1	NR	<0.05	0.8	81.8	176	4.32	608
G0240	<1	NR	<0.05	0.2	34.4	111	3.33	506
G0240 Rpt	<1	NR	<0.05	0.4	32.6	110	3.42	499
G0241	2	NR	<0.05	<0.2	24.8	54	3.86	439
Std Nominal	19	19	0.20	12.0	21.0	41	1.07	67
Determined	19	NR	0.20	11.6	20.4	40	1.03	65
G0242	2	NR	<0.05	0.4	24.0	58	3.89	513
G0243	1	NR	<0.05	0.2	32.4	32	2.97	331
G0244	4	NR	<0.05	0.2	22.4	148	3.37	353
G0245	8	NR	<0.05	0.4	30.0	108	3.42	404
G0245 Rpt	8	NR	<0.05	0.8	32.4	111	3.50	409
G0246	3	NR	<0.05	0.8	44.8	68	3.74	419
G0247	3	NR	<0.05	0.4	50.2	99	3.74	447
G0248	3	NR	<0.05	0.4	45.6	94	4.09	407
G0249	3	NR	<0.05	0.2	29.6	89	4.22	440
G0250	3	NR	<0.05	0.8	47.2	93	4.05	536
G0251	<1	NR	<0.05	1.8	6.2	28	5.36	206
G0252	<1	NR	<0.05	0.4	405	146	5.60	1810
G0253	<1	NR	<0.05	0.4	130	84	4.30	849
G0254	2	NR	<0.05	0.2	49.6	64	4.62	628
G0255	<1	NR	<0.05	<0.2	35.8	63	3.43	302
G0256	3	NR	0.15	0.2	37.6	92	3.17	358
G0257	3	NR	0.05	0.4	47.4	52	3.69	380
G0258	<1	NR	<0.05	2.2	33.6	27	4.78	516
G0259	2	NR	<0.05	1.2	60.4	55	3.41	642
G0260	<1	NR	<0.05	0.2	28.4	17	3.19	340



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	Au (AR) ppb	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm
Detection Limit	1	1	0.05	0.2	0.2	1	0.01	1
G0260 Rpt	<1	NR	<0.05	0.2	29.6	16	3.26	342
Std Nominal	900	2.42M	11.5		6.4	26	1.78	175
Determined	894	2.43M	11.2	<0.2	6.2	27	1.73	177



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0001	30	7	294
G0002	51	5	94
G0003	73	9	37
G0004	114	9	32
G0005	107	8	27
G0006	102	8	23
G0007	106	9	19
G0008	74	10	29
G0009	89	17	9
G0010	32	4	6
Std Nominal	28	36	36
Determined	29	36	35
G0011	18	6	7
G0011 Rpt	17	5	8
G0012	4	3	5
G0013	4	3	9
G0014	3	2	97
G0015	55	5	70
G0016	38	4	101
G0017	23	4	66
G0018	25	4	63
G0018 Rpt	24	4	65
G0019	26	4	71
G0020	4	1	2
G0021	14	4	14
G0022	60	5	16
G0023	101	9	23
G0024	97	9	30
G0025	121	8	27
G0026	42	9	17
G0027	54	11	12
G0028	18	18	8
G0029	38	6	21
G0030	3	33	136
G0031	45	3	13
G0032	60	6	54
G0033	31	4	88
G0033 Rpt	33	4	86
G0034	32	4	102
G0035	29	4	87
Std Nominal	8		39
Determined	10	22	41
G0036	21	7	25



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0037	63	9	28
G0038	98	9	19
G0038 Rpt	95	9	18
G0039	43	8	19
G0040	36	9	49
G0041	31	18	20
G0042	44	22	28
G0043	20	3	13
G0044	16	2	16
G0045	13	3	20
G0046	33	4	78
G0047	2	2	1
G0048	32	14	68
G0049	25	38	86
G0050	25	26	69
G0051	23	18	57
G0052	22	11	19
G0053	74	22	25
G0054	27	7	15
G0055	28	4	32
G0056	17	2	9
G0057	75	6	20
G0058	89	7	23
G0059	93	7	23
G0060	40	6	61
G0061	29	4	69
Std Nominal	12		42
Determined	13	23	43
G0062	25	4	61
G0063	20	2	47
G0063 Rpt	21	3	49
G0064	22	4	61
G0065	17	3	46
G0066	21	4	66
G0067	23	17	65
G0067 Rpt	23	19	65
G0068	29	52	65
G0069	24	49	60
G0070	25	36	60
G0071	87	10	32
G0072	529	4	123
G0073	9	15	68
G0074	750	4	128



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0075	909	4	110
G0076	745	4	77
G0077	475	3	56
G0077 Rpt	483	3	56
G0078	285	2	40
G0079	225	2	38
G0080	198	2	54
G0081	173	2	73
G0082	186	2	58
G0083	172	2	98
G0084	32	6	32
Std Nominal	28	36	36
Determined	26	36	35
G0085	26	9	13
G0086	62	6	16
G0087	54	6	18
G0087 Rpt	56	6	16
G0088	268	4	69
G0089	1170	4	181
G0090	1790	4	97
G0091	431	3	43
G0092	272	4	48
G0093	208	2	37
G0094	212	2	38
G0095	215	2	40
G0096	187	2	50
G0097	173	2	83
G0098	42	6	24
G0099	217	4	218
G0100	132	6	98
G0101	211	6	98
G0102	462	6	126
G0103	659	2	165
G0103 Rpt	654	2	166
G0104	2	2	2
G0105	366	2	82
G0106	267	2	101
G0107	252	2	73
G0108	238	3	64
G0109	178	2	72
G0110	184	2	55
Std Nominal	8		39
Determined	10	24	37



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0111	243	6	61
G0112	1090	4	183
G0113	908	6	89
G0114	516	4	110
G0115	325	4	73
G0116	265	4	107
G0117	244	4	80
G0118	255	3	78
G0119	5	2	2
G0120	239	2	77
G0121	249	2	62
G0122	254	4	77
G0122 Rpt	255	4	75
G0123	194	2	81
G0124	153	4	145
G0125	738	9	168
G0126	930	4	156
G0127	477	5	64
G0128	401	4	67
G0129	254	2	63
G0130	243	2	52
G0130 Rpt	253	2	54
G0131	196	2	99
G0132	218	2	79
Std Nominal	12		42
Determined	13	22	40
G0133	251	3	95
G0134	212	3	66
G0135	83	5	50
G0136	954	6	208
G0137	1340	4	161
G0138	488	4	68
G0139	355	4	61
G0140	5	2	2
G0141	204	2	63
G0142	233	2	67
G0143	237	2	48
G0144	222	2	48
G0145	209	2	47
G0146	201	2	65
G0146 Rpt	198	2	67
G0147	172	2	71
G0148	144	2	67



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0149	83	19	34
G0150	168	11	26
G0151	330	9	30
G0151 Rpt	341	9	29
G0152	150	6	34
G0153	54	10	18
G0154	196	4	48
G0155	3	32	138
G0156	196	2	47
G0157	178	28	15
G0158	222	11	12
G0159	172	10	19
G0160	106	10	44
G0161	79	12	25
G0162	306	3	52
Std Nominal	28	36	36
Determined	29	36	37
G0163	253	2	48
G0164	235	2	49
G0164 Rpt	237	2	48
G0165	167	2	50
G0166	143	2	67
G0167	107	25	27
G0168	233	11	16
G0169	100	10	16
G0170	40	9	16
G0171	91	12	20
G0172	355	4	53
G0173	344	4	55
G0174	212	3	41
G0175	180	3	76
G0176	74	15	15
G0177	41	10	27
G0178	23	9	20
G0179	44	11	19
G0180	55	14	13
G0181	313	4	44
G0182	215	2	36
G0182 Rpt	213	2	35
G0183	194	2	32
G0184	183	2	45
G0185	10	15	67
G0186	70	23	78



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0187	23	11	40
Std Nominal	8		39
Determined	10	25	38
G0188	16	10	22
G0189	37	20	38
G0189 Rpt	39	20	38
G0190	202	7	86
G0191	247	4	64
G0192	186	2	99
G0193	4	2	1
G0194	224	3	50
G0195	237	2	39
G0196	215	2	30
G0197	47	20	12
G0198	19	11	22
G0199	168	9	75
G0200	280	3	78
G0201	181	3	80
G0202	204	2	131
G0202 Rpt	204	2	135
G0203	213	2	63
G0204	204	6	44
G0205	897	4	169
G0206	567	2	57
G0207	437	3	49
G0208	5	32	141
G0209	302	3	50
Std Nominal	12		42
Determined	13	23	43
G0210	224	3	80
G0211	231	2	47
G0212	221	2	65
G0213	176	2	54
G0213 Rpt	178	2	52
G0214	89	10	44
G0215	823	4	183
G0216	725	4	186
G0217	685	3	98
G0218	344	4	65
G0219	248	4	129
G0220	224	3	71
G0221	205	2	37
G0222	206	2	48



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
G0223	222	<1	50
G0224	209	4	49
G0225	174	3	56
G0226	57	6	33
G0227	150	6	47
G0228	339	7	87
G0229	1440	4	288
G0230	3	2	2
G0231	661	4	128
G0232	336	3	59
G0233	246	2	54
G0234	168	<1	29
G0235	156	<1	30
G0236	184	2	42
G0237	215	2	51
G0238	431	6	67
G0239	533	4	49
G0240	277	2	50
G0240 Rpt	277	2	48
G0241	253	2	38
Std Nominal	28	36	36
Determined	26	36	35
G0242	234	2	53
G0243	193	2	38
G0244	192	2	33
G0245	247	1	33
G0245 Rpt	248	2	34
G0246	297	2	35
G0247	298	2	57
G0248	301	2	42
G0249	307	2	42
G0250	313	2	42
G0251	126	5	19
G0252	1040	4	83
G0253	999	2	93
G0254	447	2	55
G0255	289	2	65
G0256	327	2	128
G0257	339	2	176
G0258	178	6	32
G0259	543	2	57
G0260	399	2	45
G0260 Rpt	404	2	44



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	Ni ppm	Pb ppm	Zn ppm
Detection Limit	1	1	1
Std Nominal	8		39
Determined	8	14	39

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.

"NR" Implies result is not required for this determination

"M" Implies this result reported in ppm

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

The samples have been sorted and dried. Primary preparation has been by crushing the whole sample. The samples have been split with a riffle splitter to obtain a sub-fraction which has then been pulverised in a vibrating pulveriser.

Digest and Analysis:

The samples have been digested with Aqua Regia. This is a partial digest though it is extremely efficient for extraction of Gold. Easily digested elements show good recoveries however others (particularly the refractory oxides and silicates) are poorly extracted.

Cu,Fe,Mn,Ni,Zn

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

Ag,As,Au(AR),Co,Pb

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