



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: **u279374**
Date Finished: 13/09/2017
Order:
Project: Ferdies
Date Received: 23/08/2017
Samples Analysed: **156**

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



Reference: u279374 Order Number: Page 1 of 10

	Au(AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Ni ppm
Detection Limit	1	0.05	0.2	0.2	1	0.01	1	1
FF00001	<1	<0.05	2.0	10.8	24	12.3	348	89
FF00002	<1	<0.05	1.8	11.0	16	11.9	392	77
FF00003	<1	<0.05	2.2	11.0	19	12.2	405	79
FF00004	<1	<0.05	2.0	8.2	18	12.6	270	49
FF00004 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00005	<1	<0.05	2.2	7.2	12	11.9	286	50
FF00006	<1	<0.05	2.0	8.2	14	12.8	539	54
FF00007	<1	<0.05	2.0	6.2	14	11.8	311	40
FF00008	<1	<0.05	1.8	6.8	13	12.7	339	36
FF00009	<1	<0.05	2.2	5.6	15	14.7	217	37
FF00010	<1	<0.05	2.4	10.0	15	10.9	278	42
FF00011	<1	<0.05	2.0	9.2	13	12.2	328	40
FF00012	1	<0.05	2.8	4.8	10	9.40	196	32
FF00013	<1	<0.05	2.4	4.6	12	11.6	231	33
FF00014	1	<0.05	2.4	4.4	13	10.5	210	25
FF00015	<1	<0.05	1.6	6.0	12	12.7	211	28
FF00016	<1	<0.05	1.2	6.4	15	15.2	229	36
Std Nominal	19	0.20	12.0	21.0	41	1.07	67	28
Determined	19	0.20	12.0	21.0	40	1.05	65	26
FF00017	<1	<0.05	0.8	5.6	14	14.5	222	33
FF00018	<1	<0.05	0.4	4.2	15	14.7	157	40
FF00019	1	<0.05	1.6	9.4	12	13.9	372	30
FF00020	<1	<0.05	2.8	3.4	10	10.6	211	25
FF00021	<1	<0.05	1.8	3.6	15	14.8	202	26
FF00022	<1	<0.05	2.2	3.6	11	10.8	187	20
FF00022 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00023	<1	<0.05	2.8	3.2	7	8.48	143	23
FF00024	<1	0.05	5.2	3.8	12	15.9	211	24
FF00025	<1	0.05	4.6	3.6	15	18.6	266	21
FF00026	<1	0.05	6.6	4.6	12	15.5	274	20
FF00027	<1	0.05	5.6	4.4	21	14.9	307	27
FF00028	<1	0.10	5.4	6.6	24	15.0	461	35
FF00029	<1	0.10	3.0	7.2	19	7.29	363	24
FF00030	<1	0.05	7.0	7.6	25	17.8	777	32
FF00031	<1	<0.05	3.6	5.0	13	5.74	279	18
FF00032	<1	<0.05	<0.2	<0.2	<1	0.40	35	<1
FF00033	<1	<0.05	1.2	4.4	15	4.44	148	35
FF00034	<1	<0.05	3.2	6.0	16	9.66	204	42
FF00035	<1	<0.05	2.6	7.0	23	18.2	336	70
FF00036	<1	<0.05	2.4	9.0	21	17.4	410	55
FF00037	<1	<0.05	2.8	6.4	16	13.3	226	50
FF00038	<1	<0.05	3.6	6.4	15	13.1	199	46



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	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Ni ppm
Detection Limit	1	0.05	0.2	0.2	1	0.01	1	1
FF00039	<1	<0.05	3.4	6.8	16	15.1	313	41
FF00040	<1	<0.05	3.4	7.0	18	12.4	239	44
FF00041	<1	0.05	3.8	7.2	23	18.5	229	50
FF00042	<1	0.05	3.8	7.0	22	17.9	282	63
FF00043	<1	<0.05	2.8	7.4	24	18.0	246	45
FF00044	<1	0.05	2.4	6.8	28	16.5	253	55
FF00045	<1	<0.05	2.0	7.4	25	16.6	259	52
FF00046	<1	0.05	2.6	7.6	22	18.4	269	56
FF00047	<1	0.05	3.0	8.2	23	19.8	262	66
FF00047 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00048	<1	0.05	2.2	6.8	20	17.1	238	77
FF00049	<1	<0.05	3.0	6.2	13	10.2	215	42
Std Nominal	900	11.5		6.4	26	1.78	175	8
Determined	882	11.2	0.4	6.2	25	1.73	176	9
FF00050	<1	<0.05	3.0	6.0	12	9.63	201	48
FF00051	<1	<0.05	2.0	6.0	15	9.06	202	42
FF00052	<1	<0.05	3.0	6.0	14	7.94	212	47
FF00052 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00053	398	0.50	33.6	14.2	1560	3.58	359	9
FF00054	<1	<0.05	1.2	5.6	9	2.78	190	35
FF00055	<1	<0.05	1.8	6.6	9	5.18	183	48
FF00056	<1	<0.05	1.0	4.2	7	2.42	143	26
FF00057	<1	<0.05	1.2	2.4	4	2.27	91	13
Std Nominal	2.42M			8.0	52	2.10	208	12
Determined	2.40M	2.15	0.8	8.4	50	2.13	207	13
FF00058	<1	<0.05	1.2	2.4	5	2.30	113	18
FF00059	<1	<0.05	1.0	2.6	5	2.36	122	13
FF00060	<1	<0.05	0.2	0.2	1	0.53	48	1
FF00061	1	0.05	2.8	13.6	21	12.7	479	79
FF00062	1	0.05	3.8	16.8	28	12.5	571	93
FF00063	<1	0.05	3.2	16.6	26	14.1	590	86
FF00063 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00064	<1	0.05	2.4	14.2	27	14.6	571	88
FF00064 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00065	<1	0.10	1.6	9.4	27	14.6	365	82
FF00066	1	0.10	4.2	8.8	27	17.8	372	65
FF00067	<1	<0.05	1.8	14.0	24	5.31	392	77
FF00068	1	<0.05	2.8	9.0	20	8.37	311	61
FF00069	<1	0.05	3.6	11.4	37	12.2	399	85
FF00070	1	<0.05	1.6	11.4	18	3.66	330	54
FF00071	<1	<0.05	1.0	9.0	15	3.14	254	46
FF00072	1	<0.05	1.6	13.2	43	5.21	348	84
FF00073	1	<0.05	1.0	7.4	14	2.73	209	42



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	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Ni ppm
Detection Limit	1	0.05	0.2	0.2	1	0.01	1	1
FF00074	<1	<0.05	1.2	8.8	12	4.03	261	44
FF00075	<1	<0.05	1.8	7.8	14	6.13	234	41
FF00076	1	<0.05	2.0	6.2	12	6.57	209	40
FF00077	<1	<0.05	1.2	8.2	11	3.66	243	40
FF00078	2	<0.05	2.0	9.8	17	9.63	347	52
FF00079	2	<0.05	2.2	7.8	15	9.57	296	46
FF00080	1	<0.05	2.2	6.6	19	11.8	270	50
FF00081	387	0.45	33.2	13.8	1550	3.48	361	9
FF00082	1	<0.05	2.0	10.6	17	6.70	391	52
FF00083	1	<0.05	2.4	8.4	23	12.6	297	58
FF00084	<1	<0.05	1.6	13.0	21	14.8	366	56
FF00085	<1	<0.05	1.2	9.0	24	15.4	414	76
FF00086	1	<0.05	1.0	7.6	21	13.3	309	53
FF00087	<1	<0.05	1.0	9.4	25	14.1	331	62
FF00088	<1	<0.05	1.0	7.8	25	15.1	316	73
FF00088 Rpt	IS	IS	1.2	IS	IS	IS	IS	IS
FF00089	<1	<0.05	1.2	10.0	35	14.6	383	86
FF00090	<1	<0.05	1.6	10.8	21	7.61	374	64
FF00091	<1	<0.05	2.2	22.4	30	7.98	698	76
FF00092	<1	<0.05	1.2	15.8	29	3.73	527	52
FF00093	<1	<0.05	3.0	5.4	17	15.5	251	22
FF00094	<1	<0.05	3.4	5.0	13	13.6	229	12
FF00094 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00095	<1	<0.05	5.0	4.2	14	12.8	185	13
FF00096	<1	<0.05	2.4	2.8	6	4.31	147	6
FF00097	<1	<0.05	3.2	4.8	14	14.7	201	14
Std Nominal	19	0.20	12.0	21.0	41	1.07	67	28
Determined	19	0.20	11.4	20.4	40	1.05	65	29
FF00098	<1	<0.05	3.4	3.4	11	12.7	150	13
FF00099	<1	0.05	6.0	4.6	18	23.7	164	17
FF00100	<1	<0.05	1.8	3.0	10	16.5	108	11
FF00101	<1	<0.05	2.4	5.8	12	15.7	355	18
FF00102	<1	<0.05	3.4	6.6	15	15.8	195	22
FF00103	<1	<0.05	2.2	3.6	11	16.8	183	16
FF00104	<1	0.05	1.6	2.6	8	15.7	145	10
FF00105	<1	<0.05	0.2	<0.2	1	0.64	55	1
FF00106	<1	0.05	1.2	2.4	7	15.0	151	8
FF00107	<1	<0.05	1.6	2.6	7	16.1	122	9
FF00108	<1	0.05	1.8	3.0	9	16.7	153	10
FF00109	<1	0.05	2.8	3.4	9	16.6	130	8
FF00109 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00110	<1	0.05	8.0	4.4	11	17.7	182	14
FF00111	<1	<0.05	3.6	3.8	8	12.6	150	8



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	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Ni ppm
Detection Limit	1	0.05	0.2	0.2	1	0.01	1	1
FF00112	<1	<0.05	6.6	4.8	11	16.2	179	12
FF00113	<1	<0.05	8.2	5.0	11	16.4	175	15
FF00114	<1	<0.05	5.2	3.4	12	19.6	129	12
FF00115	<1	<0.05	3.0	3.6	10	19.4	125	12
FF00116	<1	<0.05	3.2	8.8	16	22.3	303	30
FF00117	<1	<0.05	3.2	4.0	12	18.7	144	17
FF00118	<1	<0.05	5.8	5.6	13	16.4	180	20
FF00119	<1	<0.05	4.6	6.0	18	19.7	153	18
FF00120	<1	<0.05	6.0	5.8	13	17.0	237	16
FF00121	<1	<0.05	4.2	6.0	21	20.3	173	27
FF00122	384	0.45	31.8	14.2	1570	3.55	360	9
FF00123	<1	<0.05	1.8	5.8	30	17.0	252	28
FF00124	<1	<0.05	2.4	6.0	18	14.1	181	24
FF00125	<1	<0.05	3.0	4.6	18	17.0	296	18
FF00125 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00126	<1	<0.05	3.2	4.8	20	18.9	355	16
FF00127	1	<0.05	2.4	4.4	23	19.0	315	15
Std Nominal	900	11.5		6.4	26	1.78	175	8
Determined	875	11.2	0.2	6.4	27	1.77	174	9
FF00128	<1	<0.05	3.2	4.4	22	21.9	366	15
FF00129	<1	<0.05	1.6	3.4	13	18.0	141	12
FF00130	1	<0.05	1.6	2.8	9	17.8	157	10
FF00131	1	0.05	2.8	3.4	9	18.6	121	13
FF00132	<1	0.05	1.8	2.2	11	18.2	94	11
FF00133	97	1.20	36.0	44.0	6380	8.12	335	5
FF00134	<1	0.05	2.6	3.0	10	17.9	128	12
FF00135	<1	0.05	2.6	2.8	9	17.6	144	10
FF00136	<1	0.05	3.2	2.8	10	19.1	130	11
FF00136 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
FF00137	<1	<0.05	3.6	2.8	9	19.8	127	11
FF00138	<1	<0.05	3.2	3.0	11	19.3	144	11
FF00139	<1	<0.05	5.2	3.0	14	22.4	157	12
FF00140	<1	<0.05	5.4	4.0	10	14.4	200	12
FF00141	4	0.05	4.6	3.0	13	19.4	143	12
FF00142	<1	<0.05	3.0	3.6	16	21.4	173	15
FF00143	2	<0.05	3.2	4.0	11	17.6	278	13
FF00144	<1	<0.05	3.4	3.4	15	20.4	163	13
FF00145	1	<0.05	5.6	5.0	12	15.9	314	14
FF00146	<1	<0.05	3.8	4.6	13	14.2	276	13
FF00147	1	<0.05	5.4	4.6	12	14.6	229	15
FF00148	<1	<0.05	5.2	5.4	14	16.2	277	15
FF00149	<1	<0.05	7.0	5.4	11	11.3	243	14
FF00150	<1	<0.05	8.6	6.4	15	12.9	363	17



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	Au (AR) ppb	Ag ppm	As ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Ni ppm
Detection Limit	1	0.05	0.2	0.2	1	0.01	1	1
FF00151	<1	<0.05	6.6	6.0	16	15.4	329	15
FF00152	<1	0.05	7.8	6.0	22	17.5	280	20
FF00153	<1	0.05	6.4	6.0	21	15.2	356	20
FF00154	<1	<0.05	0.8	1.0	5	1.56	138	3
FF00155	<1	0.05	6.4	6.4	19	15.4	422	19
FF00156	<1	<0.05	6.2	4.8	10	9.50	385	12
FF00156 Rpt	IS	IS	IS	IS	IS	IS	IS	IS
Std Nominal	2.42M			8.0	52	2.10	208	12
Determined	2.40M	1.95	0.4	8.0	51	2.04	203	13



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	Pb ppm	Zn ppm
Detection Limit	1	1
FF00001	15	11
FF00002	15	12
FF00003	14	10
FF00004	12	6
FF00004 Rpt	IS	IS
FF00005	12	7
FF00006	14	6
FF00007	11	13
FF00008	13	2
FF00009	14	3
FF00010	12	6
FF00011	13	6
FF00012	9	8
FF00013	12	4
FF00014	12	8
FF00015	14	10
FF00016	15	3
Std Nominal	36	36
Determined	36	35
FF00017	15	2
FF00018	22	2
FF00019	19	7
FF00020	13	3
FF00021	18	3
FF00022	13	7
FF00022 Rpt	IS	IS
FF00023	9	3
FF00024	22	8
FF00025	26	12
FF00026	22	7
FF00027	23	12
FF00028	24	15
FF00029	13	33
FF00030	30	12
FF00031	9	12
FF00032	2	1
FF00033	5	6
FF00034	10	7
FF00035	19	6
FF00036	19	2
FF00037	13	7
FF00038	12	6
FF00039	15	6



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	Pb ppm	Zn ppm
Detection Limit	1	1
FF00040	12	7
FF00041	17	7
FF00042	18	10
FF00043	17	4
FF00044	16	6
FF00045	17	4
FF00046	19	6
FF00047	19	7
FF00047 Rpt	IS	IS
FF00048	17	8
FF00049	11	4
Std Nominal		39
Determined	17	37
FF00050	9	7
FF00051	10	9
FF00052	9	6
FF00052 Rpt	IS	IS
FF00053	16	65
FF00054	4	6
FF00055	6	9
FF00056	4	7
FF00057	4	6
Std Nominal		42
Determined	16	43
FF00058	4	7
FF00059	4	6
FF00060	2	1
FF00061	16	12
FF00062	17	13
FF00063	18	16
FF00063 Rpt	IS	IS
FF00064	20	10
FF00064 Rpt	IS	IS
FF00065	20	5
FF00066	21	5
FF00067	8	14
FF00068	11	10
FF00069	15	13
FF00070	6	13
FF00071	4	13
FF00072	7	12
FF00073	4	6
FF00074	5	9



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	Pb ppm	Zn ppm
Detection Limit	1	1
FF00075	7	6
FF00076	7	8
FF00077	5	8
FF00078	10	3
FF00079	10	6
FF00080	12	3
FF00081	16	64
FF00082	8	7
FF00083	12	4
FF00084	15	4
FF00085	17	2
FF00086	14	6
FF00087	16	3
FF00088	16	4
FF00088 Rpt	IS	IS
FF00089	17	10
FF00090	9	4
FF00091	11	14
FF00092	6	11
FF00093	21	4
FF00094	17	6
FF00094 Rpt	IS	IS
FF00095	16	7
FF00096	6	4
FF00097	17	3
Std Nominal	36	36
Determined	37	35
FF00098	14	2
FF00099	24	8
FF00100	17	1
FF00101	19	2
FF00102	17	4
FF00103	17	3
FF00104	17	<1
FF00105	2	<1
FF00106	17	2
FF00107	16	<1
FF00108	18	1
FF00109	18	2
FF00109 Rpt	IS	IS
FF00110	19	1
FF00111	15	2
FF00112	18	3



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	Pb ppm	Zn ppm
Detection Limit	1	1
FF00113	18	6
FF00114	21	2
FF00115	19	2
FF00116	27	7
FF00117	18	<1
FF00118	17	3
FF00119	16	1
FF00120	16	1
FF00121	16	1
FF00122	16	66
FF00123	15	2
FF00124	13	2
FF00125	14	2
FF00125 Rpt	IS	IS
FF00126	15	3
FF00127	16	3
Std Nominal		39
Determined	17	37
FF00128	19	2
FF00129	17	1
FF00130	18	2
FF00131	18	2
FF00132	18	<1
FF00133	32	135
FF00134	17	1
FF00135	17	6
FF00136	18	2
FF00136 Rpt	IS	IS
FF00137	19	1
FF00138	16	3
FF00139	18	3
FF00140	14	3
FF00141	19	8
FF00142	18	3
FF00143	18	4
FF00144	18	3
FF00145	18	7
FF00146	14	3
FF00147	18	7
FF00148	19	4
FF00149	16	11
FF00150	16	6
FF00151	21	8



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	Pb ppm	Zn ppm
Detection Limit	1	1
FF00152	22	6
FF00153	24	12
FF00154	2	2
FF00155	25	11
FF00156	17	10
FF00156 Rpt	IS	IS
Std Nominal		42
Determined	17	43

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.

"IS" Implies insufficient sample for this determination

"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 & dried. The whole sample has been pulverised in a vibrating disc 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.