2 December 2019

More High Grade Magnetite Intersected at Yerbas Buenas

Highlights

- **Massive intersections of high grade[1] magnetite continue to be intersected**
- **Mineralisation intersected from near surface to over 250m depth**
- **2,376m of NQ diamond core drilled since October - drill program ahead of schedule**
- **Preparations underway to move one rig to test northern copper anomaly**

Chile focused magnetite project development company and copper explorer Freehill Mining Limited (ASX:FHS; "Freehill" or "the Company") is pleased to report that more high grade magnetite has been intersected during the ongoing drill program underway at the Company's 100%-owned Yerbas Buenas project.

Drilling of the YB6 magnetite structure continues to encounter thick (massive) intersections of high grade magnetite (see Figures 1 & 2). Testing carried during the Company's trial mining and processing period as well as Davis Tube laboratory tests done during the maiden drilling program (see ASX – 5th March 2019) confirm that mineral grades similar to those quoted below can be readily upgraded to high quality concentrates of 64-68% Fe.

Pleasingly, high grade magnetite is evident in core from near surface and grade is increasing at depth. Highlights of mineralisation[1] encountered so far include:

- ***Hole YB027B contains 75m of mineralised material at a grade of 30% Fe[1] from interval 26m – 305m***
- ***Hole YB028 contains 104m of mineralised material at a grade of 38% Fe[1] from interval 84m – 246m***
- ***Hole YB029 contains 26m of mineralised material at a grade of 39% Fe[1] from interval 34m – 126m***
- ***Hole YB031 contains 55m of mineralised material at a grade of 45% F1[1] from interval 43m – 122m***
- ***Hole YB033 contains 91m of mineralised material at a grade of 47% Fe[1] from interval 37m – 190m***
- ***Hole YB037 contains 70m of mineralised material at a grade of 46% Fe[1] from interval 110m – 187m***

Note [1] measured with handheld magnetic susceptibility meter

Cautionary Statement and Important Information: Laboratory assaying of drilling samples has not yet been completed. The iron grade data provided in the preceding paragraph, and dot points, have been derived using an algorithm developed and validated by assaying over 2,200 samples for iron which had also been measured by magnetic susceptibility meter during the 2018 maiden drilling program. The correlation coefficient R^2 for the data set was 0.91 and is considered robust enough to give a reliable estimate of Fe grade until laboratory assays are available.

Logging by company geologists on-site have visually identified five styles of magnetite mineralisation present in the drill core with the five forms being:

- Disseminated- up to 10% Magnetite mineralisation
- Veins- ranging between 7 & 20% Magnetite mineralisation
- Stockwork- ranging between 15 & 30% Magnetite mineralisation
- Breccia- ranging between 20 & 40% Magnetite mineralisation
- Massive- greater than 40% Magnetite mineralisation & generally black in colour

The magnetite mineralisation is generally associated with several phases of diorite rocks that have been intruded into a sub-volcanic andesitic host rock, though low- level magnetite mineralisation (disseminated and veining) can be found in the andesite.

The distinct uniform black colour of high-grade magnetite core as seen in the photos below is supported by the visual inspection of the geological logging and by the magnetic susceptibility readings completed as part of the geological logging.

Figure 1 – YB-031 (Trays 27-31, 105.9m to 124.9m)

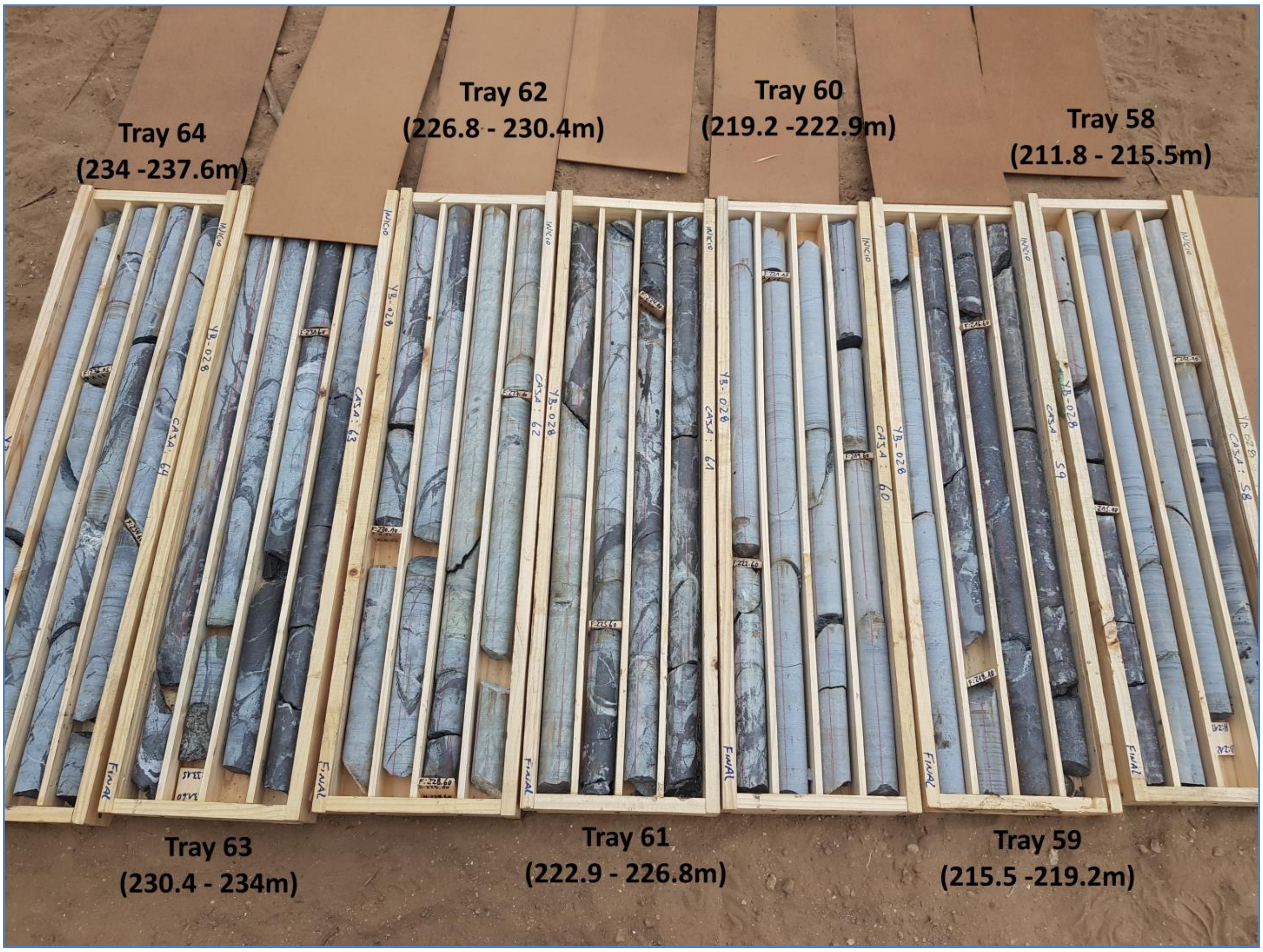


Figure 2 – YB-028 (Trays 58 – 64, 211.8m to 237.6m)

Comment

Freehill's Chief Executive Officer Peter Hinner said: *"The extremely high grade magnetite intersected near surface and at depth on the YB6 structure reinforces our view that we are likely sitting on a large and high grade ore body that lies around 30km from a local pellet feed plant that will process all our product. This, and other positive attributes of the project, gives us a major future cost and market advantage.*

"Whilst this latest grade is based from onsite testing, visually the core is stunning, and assays will likely correlate with magnetic susceptibility readings. We look forward to reporting assays very soon, and prior to this, we anticipate further updates on drilling progress and work we are doing across some exciting copper targets in the north of the project."

About the Yerbas Buenas Project

The Yerbas Buenas project has proven magnetite mineralisation as well as being prospective for both gold and copper mineralisation**.**

Drilling results from the Company's two drilling campaigns have so far demonstrated that magnetite mineralisation extends along at least a 2 km contiguous corridor of what is shown by geophysics to be a 3km long structure extending from the northern boundary to southern boundary of the property.

Testing of the property's gold and copper mineralisation planned for December 2019 with diamond drilling to commence on the two IP anomalies highlighted in earlier exploration.

Competent Persons Statement

The information in this report that relates to exploration results is based on information compiled by Mr Peter Hinner, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Hinner is a full-time employee of Freehill Mining Ltd and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code 2012). Peter Hinner consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

About Freehill Mining Limited

Freehill Mining Limited (ASX: FHS) is a mineral exploration company focused on creating shareholder wealth through the identification of mineral resources in Chile and development of its Yerbas Buenas magnetite project. The Company has also identified copper and gold mineralisation on its tenements and plans to undertake further mineral exploration programs on these at a later date.

For further information, please contact:

Peter Hinner	Paul Davies
Chief Executive Officer	Chief Financial Officer
Freehill Mining Limited	Freehill Mining Limited
+61 410569635	+61 419 363 630

Media & investor relations inquiries: Ben Jarvis, Six Degrees Investor Relations: +61 413 150 448

Follow @FreehillMining on Twitter

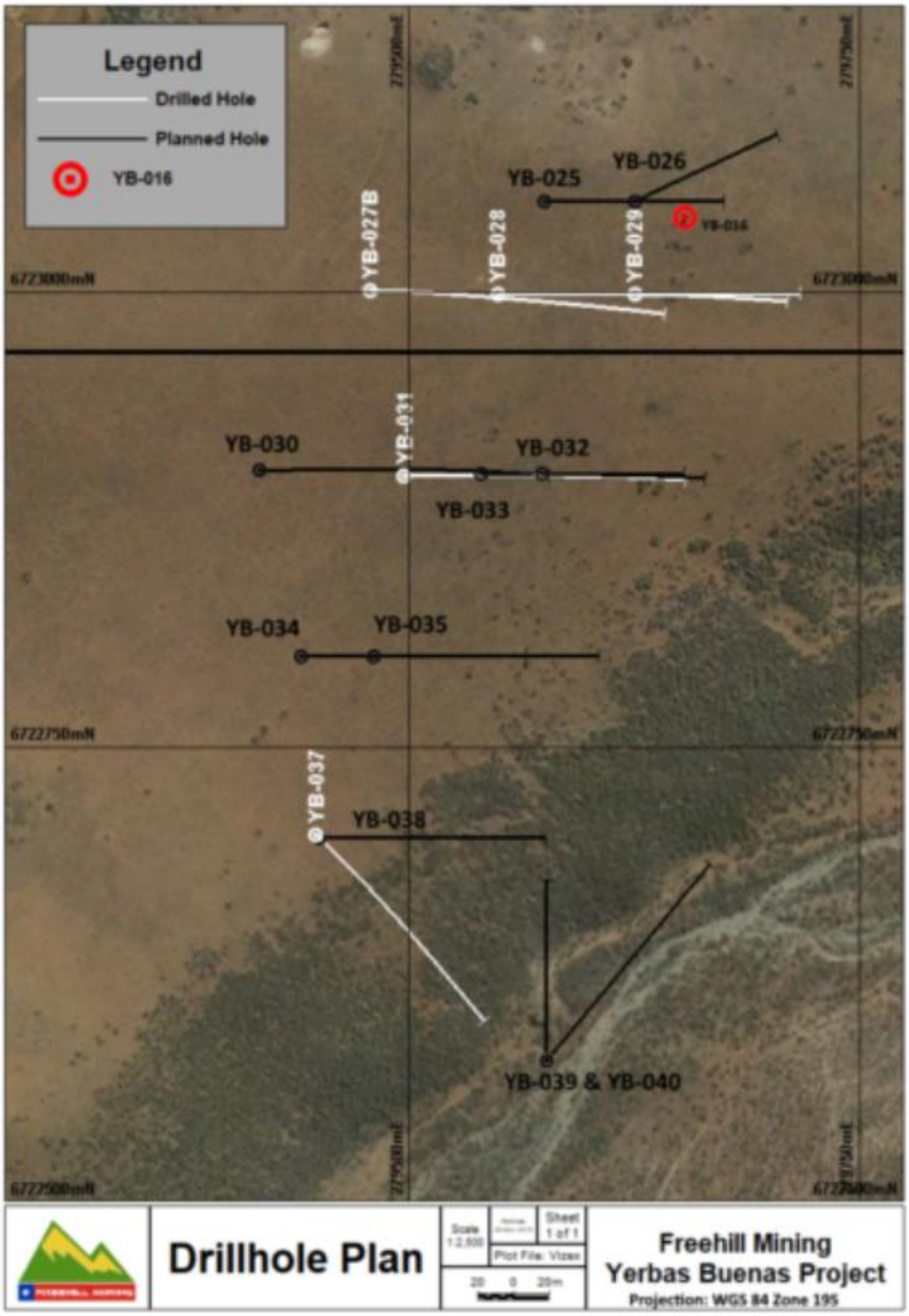
Follow Freehill Mining on LinkedIn

Appendix 1

Datum WGS84 and projection UTM zone 19S.

HOLE	NORTH	EAST	RL	DIP	AZIMUTH	DEPTH	STATUS
YB-027B	6723001	279478	162	-59	91	311.7	Surveyed
YB-028	6722999	279549	164	-59	88	300	Surveyed
YB-029	6722999	279625	164	-60	88	175.3	Surveyed
YB-031	6722899	279497	149	-59	89	300.6	Surveyed
YB-037	6722702	279448	128	-59	133	251.1	Surveyed

Table 1 – Drill hole location and orientation



Appendices – Magnetic Susceptibility - Iron Equivalent Data

*Significant magnetic susceptibility intervals highlighted with corresponding calculated iron equivalent
Algorithm for conversion of magnetic susceptibility to iron is %Fe= (magnetic susceptibility+4930)/1590 (all data is 10^{-5})

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB027B	0	1	1,125	3.8
YB027B	1	2	1,933	4.3
YB027B	2	3	1,191	3.8
YB027B	3	4	2,111	4.4
YB027B	4	5	1,954	4.3
YB027B	5	6	1,597	4.1
YB027B	6	7	1,422	4.0
YB027B	7	8	818	3.6
YB027B	8	9	679	3.5
YB027B	9	10	1,113	3.8
YB027B	10	11	1,002	3.7
YB027B	11	12	1,142	3.8
YB027B	12	13	1,112	3.8
YB027B	13	14	1,199	3.9
YB027B	14	15	891	3.7
YB027B	15	16	352	3.3
YB027B	16	17	794	3.6
YB027B	17	18	721	3.6
YB027B	18	19	269	3.3
YB027B	19	20	94	3.2
YB027B	20	21	188	3.2
YB027B	21	22	1,536	4.1
YB027B	22	23	7,552	7.9
YB027B	23	24	6,123	7.0
YB027B	24	25	9,829	9.3
YB027B	25	26	16,511	13.5
YB027B	26	27	24,538	18.5
YB027B	27	28	36,699	26.2
YB027B	28	29	31,421	22.9
YB027B	29	30	38,824	27.5
YB027B	30	31	27,261	20.2
YB027B	31	32	20,263	15.8
YB027B	32	33	14,096	12.0
YB027B	33	34	10,741	9.9
YB027B	34	35	13,900	11.8
YB027B	35	36	3,935	5.6
YB027B	36	37	2,405	4.6
YB027B	37	38	1,351	4.0
YB027B	38	39	354	3.3
YB027B	39	40	309	3.3
YB027B	40	41	1,588	4.1
YB027B	41	42	4,858	6.2
YB027B	42	43	2,140	4.4
YB027B	43	44	525	3.4
YB027B	44	45	7,451	7.8
YB027B	45	46	23,317	17.8
YB027B	46	47	19,037	15.1
YB027B	47	48	3,823	5.5
YB027B	48	49	6,766	7.4
YB027B	49	50	8,828	8.7
YB027B	50	51	43,810	30.7
YB027B	51	52	16,109	13.2
YB027B	52	53	17,136	13.9
YB027B	53	54	15,119	12.6
YB027B	54	55	14,201	12.0
YB027B	55	56	15,620	12.9
YB027B	56	57	15,100	12.6
YB027B	57	58	9,023	8.8
YB027B	58	59	21,193	16.4
YB027B	59	60	7,175	7.6

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB027B	60	61	9,205	8.9
YB027B	61	62	10,655	9.8
YB027B	62	63	19,902	15.6
YB027B	63	64	9,831	9.3
YB027B	64	65	21,458	16.6
YB027B	65	66	10,751	9.9
YB027B	66	67	18,989	15.0
YB027B	67	68	10,717	9.8
YB027B	68	69	9,442	9.0
YB027B	69	70	4,651	6.0
YB027B	70	71	7,190	7.6
YB027B	71	72	14,486	12.2
YB027B	72	73	15,444	12.8
YB027B	73	74	13,425	11.5
YB027B	74	75	2,952	5.0
YB027B	75	76	4,843	6.1
YB027B	76	77	6,980	7.5
YB027B	77	78	986	3.7
YB027B	78	79	157	3.2
YB027B	79	80	508	3.4
YB027B	80	81	1,619	4.1
YB027B	81	82	5,111	6.3
YB027B	82	83	1,118	3.8
YB027B	83	84	8,687	8.6
YB027B	84	85	14,515	12.2
YB027B	85	86	8,049	8.2
YB027B	86	87	13,121	11.4
YB027B	87	88	7,482	7.8
YB027B	88	89	5,112	6.3
YB027B	89	90	2,560	4.7
YB027B	90	91	4,727	6.1
YB027B	91	92	4,607	6.0
YB027B	92	93	5,106	6.3
YB027B	93	94	3,607	5.4
YB027B	94	95	3,931	5.6
YB027B	95	96	3,236	5.1
YB027B	96	97	2,678	4.8
YB027B	97	98	4,303	5.8
YB027B	98	99	3,895	5.6
YB027B	99	100	16,659	13.6
YB027B	100	101	26,942	20.0
YB027B	101	102	10,049	9.4
YB027B	102	103	7,806	8.0
YB027B	103	104	12,334	10.9
YB027B	104	105	13,304	11.5
YB027B	105	106	20,912	16.3
YB027B	106	107	24,337	18.4
YB027B	107	108	17,127	13.9
YB027B	108	109	30,396	22.2
YB027B	109	110	22,484	17.2
YB027B	110	111	29,475	21.6
YB027B	111	112	28,353	20.9
YB027B	112	113	36,826	26.3
YB027B	113	114	8,361	8.4
YB027B	114	115	1,242	3.9
YB027B	115	116	3,042	5.0
YB027B	116	117	34,176	24.6
YB027B	117	118	22,193	17.1
YB027B	118	119	349	3.3
YB027B	119	120	6,535	7.2

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB027B	120	121	6,083	6.9
YB027B	121	122	4,538	6.0
YB027B	122	123	872	3.6
YB027B	123	124	1,082	3.8
YB027B	124	125	1,587	4.1
YB027B	125	126	932	3.7
YB027B	126	127	1,051	3.8
YB027B	127	128	4,685	6.0
YB027B	128	129	7,543	7.8
YB027B	129	130	9,968	9.4
YB027B	130	131	11,130	10.1
YB027B	131	132	5,107	6.3
YB027B	132	133	6,049	6.9
YB027B	133	134	6,382	7.1
YB027B	134	135	14,219	12.0
YB027B	135	136	28,427	21.0
YB027B	136	137	36,059	25.8
YB027B	137	138	18,732	14.9
YB027B	138	139	18,419	14.7
YB027B	139	140	30,880	22.5
YB027B	140	141	23,067	17.6
YB027B	141	142	38,151	27.1
YB027B	142	143	13,845	11.8
YB027B	143	144	9,795	9.3
YB027B	144	145	3,931	5.6
YB027B	145	146	19,011	15.1
YB027B	146	147	38,637	27.4
YB027B	147	148	20,975	16.3
YB027B	148	149	5,226	6.4
YB027B	149	150	1,875	4.3
YB027B	150	151	1,295	3.9
YB027B	151	152	6,332	7.1
YB027B	152	153	6,273	7.0
YB027B	153	154	985	3.7
YB027B	154	155	1,960	4.3
YB027B	155	156	3,476	5.3
YB027B	156	157	21,738	16.8
YB027B	157	158	21,064	16.3
YB027B	158	159	11,397	10.3
YB027B	159	160	5,641	6.6
YB027B	160	161	994	3.7
YB027B	161	162	4,851	6.2
YB027B	162	163	2,682	4.8
YB027B	163	164	3,192	5.1
YB027B	164	165	2,752	4.8
YB027B	165	166	10,517	9.7
YB027B	166	167	4,974	6.2
YB027B	167	168	2,329	4.6
YB027B	168	169	24,293	18.4
YB027B	169	170	31,466	22.9
YB027B	170	171	33,314	24.1
YB027B	171	172	18,589	14.8
YB027B	172	173	44,711	31.2
YB027B	173	174	6,818	7.4
YB027B	174	175	4,104	5.7
YB027B	175	176	3,854	5.5
YB027B	176	177	44,025	30.8
YB027B	177	178	45,701	31.8
YB027B	178	179	27,468	20.4
YB027B	179	180	1,650	4.1
YB027B	180	181	3,834	5.5
YB027B	181	182	9,533	9.1
YB027B	182	183	2,888	4.9
YB027B	183	184	7,307	7.7
YB027B	184	185	6,449	7.2
YB027B	185	186	4,925	6.2
YB027B	186	187	4,370	5.8
YB027B	187	188	5,548	6.6
YB027B	188	189	3,894	5.5
YB027B	189	190	4,128	5.7

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB027B	190	191	1,555	4.1
YB027B	191	192	2,400	4.6
YB027B	192	193	7,239	7.7
YB027B	193	194	2,620	4.7
YB027B	194	195	4,632	6.0
YB027B	195	196	3,082	5.0
YB027B	196	197	2,887	4.9
YB027B	197	198	914	3.7
YB027B	198	199	665	3.5
YB027B	199	200	800	3.6
YB027B	200	201	2,447	4.6
YB027B	201	202	908	3.7
YB027B	202	203	1,970	4.3
YB027B	203	204	2,451	4.6
YB027B	204	205	1,284	3.9
YB027B	205	206	3,283	5.2
YB027B	206	207	1,877	4.3
YB027B	207	208	2,291	4.5
YB027B	208	209	1,613	4.1
YB027B	209	210	4,678	6.0
YB027B	210	211	4,012	5.6
YB027B	211	212	3,578	5.4
YB027B	212	213	1,255	3.9
YB027B	213	214	3,402	5.2
YB027B	214	215	2,500	4.7
YB027B	215	216	55,593	38.1
YB027B	216	217	14,886	12.5
YB027B	217	218	2,092	4.4
YB027B	218	219	1,080	3.8
YB027B	219	220	2,815	4.9
YB027B	220	221	44,243	30.9
YB027B	221	222	52,598	36.2
YB027B	222	223	10,821	9.9
YB027B	223	224	5,260	6.4
YB027B	224	225	9,114	8.8
YB027B	225	226	5,659	6.7
YB027B	226	227	90	3.2
YB027B	227	228	193	3.2
YB027B	228	229	8,433	8.4
YB027B	229	230	29,238	21.5
YB027B	230	231	12,481	11.0
YB027B	231	232	33,854	24.4
YB027B	232	233	26,164	19.6
YB027B	233	234	15,309	3.1
YB027B	234	235	8,159	3.1
YB027B	235	236	8,739	3.1
YB027B	236	237	44,806	31.3
YB027B	237	238	28,558	21.1
YB027B	238	239	36,552	26.1
YB027B	239	240	23,256	17.7
YB027B	240	241	13,807	11.8
YB027B	241	242	28,535	21.0
YB027B	242	243	31,659	23.0
YB027B	243	244	45,189	31.5
YB027B	244	245	23,635	18.0
YB027B	245	246	12,327	10.9
YB027B	246	247	11,749	10.5
YB027B	247	248	18,427	14.7
YB027B	248	249	20,678	16.1
YB027B	249	250	30,699	22.4
YB027B	250	251	29,720	21.8
YB027B	251	252	7,947	8.1
YB027B	252	253	10,388	9.6
YB027B	253	254	11,149	10.1
YB027B	254	255	18,166	14.5
YB027B	255	256	66,562	45.0
YB027B	256	257	40,583	28.6
YB027B	257	258	42,977	30.1
YB027B	258	259	42,412	29.8
YB027B	259	260	5,653	6.7

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB027B	260	261	34,071	24.5
YB027B	261	262	29,838	21.9
YB027B	262	263	7,011	7.5
YB027B	263	264	7,078	7.6
YB027B	264	265	6,738	7.3
YB027B	265	266	6,537	7.2
YB027B	266	267	21,323	16.5
YB027B	267	268	55,815	38.2
YB027B	268	269	41,948	29.5
YB027B	269	270	42,493	29.8
YB027B	270	271	25,058	18.9
YB027B	271	272	6,120	6.9
YB027B	272	273	3,812	5.5
YB027B	273	274	3,261	5.2
YB027B	274	275	1,058	3.8
YB027B	275	276	4,298	5.8
YB027B	276	277	5,750	6.7
YB027B	277	278	6,655	7.3
YB027B	278	279	11,057	10.1
YB027B	279	280	21,097	16.4
YB027B	280	281	58,932	40.2
YB027B	281	282	57,845	39.5
YB027B	282	283	18,272	14.6
YB027B	283	284	84,041	56.0
YB027B	284	285	91,810	60.8
YB027B	285	286	88,928	59.0
YB027B	286	287	96,912	64.1
YB027B	287	288	94,992	62.8
YB027B	288	289	84,313	56.1
YB027B	289	290	10,002	9.4
YB027B	290	291	20,434	16.0
YB027B	291	292	18,954	15.0
YB027B	292	293	11,876	10.6
YB027B	293	294	7,010	7.5
YB027B	294	295	85,923	57.1
YB027B	295	296	79,192	52.9
YB027B	296	297	68,987	46.5
YB027B	297	298	21,503	16.6
YB027B	298	299	47,448	32.9
YB027B	299	300	8,162	8.2
YB027B	300	301	59,023	40.2
YB027B	301	302	55,109	37.8
YB027B	302	303	70,417	47.4
YB027B	303	304	77,252	51.7
YB027B	304	305	90,113	59.8
YB027B	305	306	4,071	5.7
YB027B	306	307	6,908	7.4
YB027B	307	308	6,160	7.0
YB027B	308	309	9,146	8.9
YB027B	309	310	4,918	6.2
YB027B	310	311	4,395	5.9
YB027B	311	311.6	5,661	6.7

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB028	0	1	1,421	4.0
YB028	1	2	1,429	4.0
YB028	2	3	1,151	3.8
YB028	3	4	1,188	3.8
YB028	4	5	2,282	4.5
YB028	5	6	2,728	4.8
YB028	6	7	1,990	4.4
YB028	7	8	1,869	4.3
YB028	8	9	1,173	3.8
YB028	9	10	2,845	4.9
YB028	10	11	4,065	5.7
YB028	11	12	2,569	4.7
YB028	12	13	3,194	5.1
YB028	13	14	2,439	4.6
YB028	14	15	1,009	3.7
YB028	15	16	1,391	4.0
YB028	16	17	1,147	3.8
YB028	17	18	1,941	4.3
YB028	18	19	1,067	3.8
YB028	19	20	558	3.5
YB028	20	21	232	3.2
YB028	21	22	1,375	4.0
YB028	22	23	2,953	5.0
YB028	23	24	737	3.6
YB028	24	25	4,792	6.1
YB028	25	26	2,466	4.7
YB028	26	27	1,077	3.8
YB028	27	28	1,352	4.0
YB028	28	29	1,664	4.1
YB028	29	30	5,819	6.8
YB028	30	31	7,244	7.7
YB028	31	32	9,254	8.9
YB028	32	33	22,543	17.3
YB028	33	34	13,381	11.5
YB028	34	35	3,677	5.4
YB028	35	36	3,831	5.5
YB028	36	37	6,016	6.9
YB028	37	38	7,317	7.7
YB028	38	39	6,243	7.0
YB028	39	40	7,557	7.9
YB028	40	41	4,447	5.9
YB028	41	42	4,281	5.8
YB028	42	43	3,122	5.1
YB028	43	44	4,923	6.2
YB028	44	45	4,806	6.1
YB028	45	46	5,729	6.7
YB028	46	47	6,522	7.2
YB028	47	48	5,399	6.5
YB028	48	49	4,557	6.0
YB028	49	50	4,730	6.1
YB028	50	51	3,507	5.3
YB028	51	52	1,910	4.3
YB028	52	53	1,686	4.2
YB028	53	54	728	3.6
YB028	54	55	2,254	4.5
YB028	55	56	2,706	4.8
YB028	56	57	2,847	4.9
YB028	57	58	1,826	4.2
YB028	58	59	2,346	4.6
YB028	59	60	6,336	7.1
YB028	60	61	3,296	5.2
YB028	61	62	4,475	5.9
YB028	62	63	5,226	6.4
YB028	63	64	5,101	6.3
YB028	64	65	4,880	6.2
YB028	65	66	7,529	7.8
YB028	66	67	5,544	6.6
YB028	67	68	5,024	6.3
YB028	68	69	4,926	6.2
YB028	69	70	6,665	7.3

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB028	70	71	5,311	6.4
YB028	71	72	5,678	6.7
YB028	72	73	3,988	5.6
YB028	73	74	5,069	6.3
YB028	74	75	4,865	6.2
YB028	75	76	5,644	6.7
YB028	76	77	10,788	9.9
YB028	77	78	8,180	8.2
YB028	78	79	5,500	6.6
YB028	79	80	3,886	5.5
YB028	80	81	4,605	6.0
YB028	81	82	22,869	17.5
YB028	82	83	27,862	20.6
YB028	83	84	37,334	26.6
YB028	84	85	18,072	14.5
YB028	85	86	12,502	11.0
YB028	86	87	56,829	38.8
YB028	87	88	11,953	24.7
YB028	88	89	24,121	18.3
YB028	89	90	41,388	29.1
YB028	90	91	43,339	30.4
YB028	91	92	38,675	27.4
YB028	92	93	27,989	20.7
YB028	93	94	33,487	24.2
YB028	94	95	51,474	35.5
YB028	95	96	34,978	25.1
YB028	96	97	37,251	26.5
YB028	97	98	51,299	35.4
YB028	98	99	57,565	39.3
YB028	99	100	34,275	24.7
YB028	100	101	24,859	18.7
YB028	101	102	24,500	18.5
YB028	102	103	7,243	7.7
YB028	103	104	49,234	34.1
YB028	104	105	57,201	39.1
YB028	105	106	40,145	28.3
YB028	106	107	21,500	16.6
YB028	107	108	26,371	19.7
YB028	108	109	94,340	62.4
YB028	109	110	65,409	44.2
YB028	110	111	73,134	49.1
YB028	111	112	31,102	22.7
YB028	112	113	7,323	7.7
YB028	113	114	2,286	4.5
YB028	114	115	1,386	4.0
YB028	115	116	6,543	7.2
YB028	116	117	3,656	5.4
YB028	117	118	555	3.4
YB028	118	119	1,360	4.0
YB028	119	120	25,713	19.3
YB028	120	121	32,137	23.3
YB028	121	122	37,225	26.5
YB028	122	123	31,938	23.2
YB028	123	124	22,159	17.0
YB028	124	125	22,465	17.2
YB028	125	126	18,653	14.8
YB028	126	127	14,449	12.2
YB028	127	128	8,041	8.2
YB028	128	129	24,746	18.7
YB028	129	130	72,103	48.4
YB028	130	131	63,434	43.0
YB028	131	132	32,770	23.7
YB028	132	133	28,781	21.2
YB028	133	134	23,159	17.7
YB028	134	135	19,555	15.4
YB028	135	136	23,774	18.1
YB028	136	137	5,464	6.5
YB028	137	138	9,883	9.3
YB028	138	139	11,393	10.3
YB028	139	140	12,430	10.9

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB028	140	141	18,358	14.6
YB028	141	142	18,003	14.4
YB028	142	143	8,569	8.5
YB028	143	144	5,123	6.3
YB028	144	145	5,580	6.6
YB028	145	146	5,246	6.4
YB028	146	147	4,924	6.2
YB028	147	148	6,773	7.4
YB028	148	149	7,125	7.6
YB028	149	150	3,896	5.6
YB028	150	151	4,526	5.9
YB028	151	152	3,999	5.6
YB028	152	153	3,581	5.4
YB028	153	154	1,287	3.9
YB028	154	155	2,312	4.6
YB028	155	156	3,713	5.4
YB028	156	157	1,478	4.0
YB028	157	158	1,634	4.1
YB028	158	159	81,861	54.6
YB028	159	160	31,822	23.1
YB028	160	161	9,918	9.3
YB028	161	162	9,572	9.1
YB028	162	163	8,286	8.3
YB028	163	164	2,093	4.4
YB028	164	165	48,290	33.5
YB028	165	166	59,469	40.5
YB028	166	167	3,869	5.5
YB028	167	168	54	3.1
YB028	168	169	130	3.2
YB028	169	170	8,860	8.7
YB028	170	171	62,572	42.5
YB028	171	172	62,533	42.4
YB028	172	173	30,704	22.4
YB028	173	174	21,505	16.6
YB028	174	175	66,364	44.8
YB028	175	176	25,089	18.9
YB028	176	177	66,318	44.8
YB028	177	178	68,348	46.1
YB028	178	179	40,635	28.7
YB028	179	180	54,181	37.2
YB028	180	181	42,761	30.0
YB028	181	182	74,431	49.9
YB028	182	183	93,015	61.6
YB028	183	184	73,420	49.3
YB028	184	185	85,942	57.2
YB028	185	186	12,034	10.7
YB028	186	187	30,516	22.3
YB028	187	188	73,873	49.6
YB028	188	189	94,691	62.7
YB028	189	190	84,762	56.4
YB028	190	191	62,664	42.5
YB028	191	192	54,016	37.1
YB028	192	193	66,349	44.8
YB028	193	194	94,621	62.6
YB028	194	195	95,024	62.9
YB028	195	196	74,037	49.7
YB028	196	197	70,432	47.4
YB028	197	198	70,073	47.2
YB028	198	199	64,441	43.6
YB028	199	200	58,536	39.9
YB028	200	201	89,872	59.6
YB028	201	202	65,618	44.4
YB028	202	203	25,671	19.2
YB028	203	204	8,936	8.7
YB028	204	205	12,890	11.2
YB028	205	206	8,017	8.1
YB028	206	207	7,051	7.5
YB028	207	208	5,445	6.5
YB028	208	209	4,798	6.1
YB028	209	210	5,476	6.5

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB028	210	211	5,309	6.4
YB028	211	212	5,217	6.4
YB028	212	213	8,433	8.4
YB028	213	214	7,878	8.1
YB028	214	215	31,820	23.1
YB028	215	216	97,345	64.3
YB028	216	217	95,734	63.3
YB028	217	218	92,974	61.6
YB028	218	219	14,662	12.3
YB028	219	220	5,508	6.6
YB028	220	221	5,332	6.5
YB028	221	222	5,350	6.5
YB028	222	223	37,302	26.6
YB028	223	224	91,504	60.7
YB028	224	225	63,239	42.9
YB028	225	226	87,866	58.4
YB028	226	227	25,225	19.0
YB028	227	228	654	3.5
YB028	228	229	33,925	24.4
YB028	229	230	52,985	36.4
YB028	230	231	68,530	46.2
YB028	231	232	71,564	48.1
YB028	232	233	80,989	54.0
YB028	233	234	69,617	46.9
YB028	234	235	58,747	40.0
YB028	235	236	47,191	32.8
YB028	236	237	36,434	26.0
YB028	237	238	13,773	11.8
YB028	238	239	12,530	11.0
YB028	239	240	10,401	9.6
YB028	240	241	77,710	52.0
YB028	241	242	57,199	39.1
YB028	242	243	7,515	7.8
YB028	243	244	5,751	6.7
YB028	244	245	5,336	6.5
YB028	245	246	12,236	10.8
YB028	246	247	33,066	23.9
YB028	247	248	17,883	14.3
YB028	248	249	651	3.5
YB028	249	250	3,541	5.3
YB028	250	251	4,427	5.9
YB028	251	252	4,225	5.8
YB028	252	253	10,699	9.8
YB028	253	254	9,799	9.3
YB028	254	255	2,512	4.7
YB028	255	256	3,268	5.2
YB028	256	257	756	3.6
YB028	257	258	3,125	5.1
YB028	258	259	6,429	7.1
YB028	259	260	26,882	20.0
YB028	260	261	32,461	23.5
YB028	261	262	28,733	21.2
YB028	262	263	9,716	9.2
YB028	263	264	17,271	14.0
YB028	264	265	13,314	11.5
YB028	265	266	40,237	28.4
YB028	266	267	15,788	13.0
YB028	267	268	5,757	6.7
YB028	268	269	36,805	26.2
YB028	269	270	32,977	23.8
YB028	270	271	16,375	13.4
YB028	271	272	15,002	12.5
YB028	272	273	32,912	23.8
YB028	273	274	33,250	24.0
YB028	274	275	30,756	22.4
YB028	275	276	46,504	32.3
YB028	276	277	53,198	36.6
YB028	277	278	28,637	21.1
YB028	278	279	1,450	4.0
YB028	279	280	1,304	3.9

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB028	280	281	807	3.6
YB028	281	282	967	3.7
YB028	282	283	1,309	3.9
YB028	283	284	1,332	3.9
YB028	284	285	948	3.7
YB028	285	286	1,223	3.9
YB028	286	287	9,443	9.0
YB028	287	288	2,277	4.5
YB028	288	289	1,062	3.8
YB028	289	290	1,120	3.8
YB028	290	291	1,470	4.0
YB028	291	292	1,951	4.3
YB028	292	293	6,448	7.2
YB028	293	294	28,126	20.8
YB028	294	295	23,880	18.1
YB028	295	296	2,433	4.6
YB028	296	297	3,469	5.3
YB028	297	298	234	3.2
YB028	298	299	246	3.3
YB028	299	300	502	3.4

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB029	0	1	2,106	4.4
YB029	1	2	2,043	4.4
YB029	2	3	1,402	4.0
YB029	3	4	1,120	3.8
YB029	4	5	2,330	4.6
YB029	5	6	1,299	3.9
YB029	6	7	2,400	4.6
YB029	7	8	1,827	4.2
YB029	8	9	1,989	4.4
YB029	9	10	1,988	4.4
YB029	10	11	2,310	4.6
YB029	11	12	2,073	4.4
YB029	12	13	2,337	4.6
YB029	13	14	2,570	4.7
YB029	14	15	2,044	4.4
YB029	15	16	1,713	4.2
YB029	16	17	1,978	4.3
YB029	17	18	11,673	10.4
YB029	18	19	1,177	3.8
YB029	19	20	61	3.1
YB029	20	21	1,578	4.1
YB029	21	22	49	3.1
YB029	22	23	34	3.1
YB029	23	24	52	3.1
YB029	24	25	115	3.2
YB029	25	26	7,268	7.7
YB029	26	27	20,605	16.1
YB029	27	28	1,714	4.2
YB029	28	29	6,668	7.3
YB029	29	30	5,875	6.8
YB029	30	31	2,591	4.7
YB029	31	32	56	3.1
YB029	32	33	160	3.2
YB029	33	34	1,963	4.3
YB029	34	35	71,123	47.8
YB029	35	36	63,916	43.3
YB029	36	37	73,193	49.1
YB029	37	38	52,876	36.4
YB029	38	39	24,654	18.6
YB029	39	40	34,079	24.5
YB029	40	41	86,783	57.7
YB029	41	42	26,138	19.5
YB029	42	43	12,045	10.7
YB029	43	44	4,084	5.7
YB029	44	45	585	3.5
YB029	45	46	1,263	3.9
YB029	46	47	2,208	4.5
YB029	47	48	1,859	4.3
YB029	48	49	676	3.5
YB029	49	50	3,499	5.3
YB029	50	51	49,996	34.5
YB029	51	52	9,118	8.8
YB029	52	53	3,785	5.5
YB029	53	54	4,135	5.7
YB029	54	55	8,203	8.3
YB029	55	56	3,690	5.4
YB029	56	57	4,790	6.1
YB029	57	58	1,900	4.3
YB029	58	59	26	3.1
YB029	59	60	1,514	4.1
YB029	60	61	3,249	5.1
YB029	61	62	7,738	8.0
YB029	62	63	7,214	7.6
YB029	63	64	8,457	8.4
YB029	64	65	4,338	5.8
YB029	65	66	3,192	5.1
YB029	66	67	26,857	20.0
YB029	67	68	80,973	54.0
YB029	68	69	69,631	46.9
YB029	69	70	3,884	5.5

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB029	70	71	13,182	11.4
YB029	71	72	9,976	9.4
YB029	72	73	8,899	8.7
YB029	73	74	2,540	4.7
YB029	74	75	35,211	25.2
YB029	75	76	13,582	11.6
YB029	76	77	10,273	9.6
YB029	77	78	19,162	15.2
YB029	78	79	44,294	31.0
YB029	79	80	88,180	58.6
YB029	80	81	81,186	54.2
YB029	81	82	10,409	9.6
YB029	82	83	29,145	21.4
YB029	83	84	13,837	11.8
YB029	84	85	34,554	24.8
YB029	85	86	13,817	11.8
YB029	86	87	11,363	10.2
YB029	87	88	16,918	13.7
YB029	88	89	8,930	8.7
YB029	89	90	12,108	10.7
YB029	90	91	372	3.3
YB029	91	92	3,705	5.4
YB029	92	93	61,190	41.6
YB029	93	94	46,521	32.4
YB029	94	95	71,802	48.3
YB029	95	96	36,623	26.1
YB029	96	97	11,373	10.3
YB029	97	98	4,185	5.7
YB029	98	99	5,019	6.3
YB029	99	100	9,347	9.0
YB029	100	101	9,475	9.1
YB029	101	102	55,391	37.9
YB029	102	103	1,557	4.1
YB029	103	104	353	3.3
YB029	104	105	734	3.6
YB029	105	106	10,993	10.0
YB029	106	107	22,505	17.3
YB029	107	108	68,575	46.2
YB029	108	109	49,458	34.2
YB029	109	110	6,280	7.1
YB029	110	111	9,013	8.8
YB029	111	112	9,670	9.2
YB029	112	113	66,093	44.7
YB029	113	114	23,506	17.9
YB029	114	115	5,025	6.3
YB029	115	116	7,393	7.8
YB029	116	117	9,334	9.0
YB029	117	118	1,745	4.2
YB029	118	119	3,628	5.4
YB029	119	120	1,865	4.3
YB029	120	121	4,674	6.0
YB029	121	122	3,895	5.6
YB029	122	123	9,527	9.1
YB029	123	124	45,170	31.5
YB029	124	125	50,249	34.7
YB029	125	126	49,953	34.5
YB029	126	127	14,941	12.5
YB029	127	128	5,635	6.6
YB029	128	129	5,771	6.7
YB029	129	130	12,080	10.7
YB029	130	131	10,103	9.5
YB029	131	132	17,328	14.0
YB029	132	133	2,832	4.9
YB029	133	134	12,902	11.2
YB029	134	135	16,343	13.4
YB029	135	136	4,283	5.8
YB029	136	137	4,729	6.1
YB029	137	138	5,598	6.6
YB029	138	139	7,102	7.6
YB029	139	140	4,324	5.8

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB029	140	141	6,462	7.2
YB029	141	142	5,630	6.6
YB029	142	143	4,935	6.2
YB029	143	144	10,783	9.9
YB029	144	145	1,435	4.0
YB029	145	146	566	3.5
YB029	146	147	40	3.1
YB029	147	148	0	3.1
YB029	148	149	0	3.1
YB029	149	150	5	3.1
YB029	150	151	137	3.2
YB029	151	152	138	3.2
YB029	152	153	18,035	14.4
YB029	153	154	14,582	12.3
YB029	154	155	3,422	5.3
YB029	155	156	2,829	4.9
YB029	156	157	372	3.3
YB029	157	158	277	3.3
YB029	158	159	4,045	5.6
YB029	159	160	14,462	12.2
YB029	160	161	3,817	5.5
YB029	161	162	9,093	8.8
YB029	162	163	9,647	9.2
YB029	163	164	4,864	6.2
YB029	164	165	15,354	12.8
YB029	165	166	27,835	20.6
YB029	166	167	12,187	10.8
YB029	167	168	7,081	7.6
YB029	168	169	9,673	9.2
YB029	169	170	4,674	6.0
YB029	170	171	147	3.2
YB029	171	172	6,316	7.1
YB029	172	173	4,974	6.2
YB029	173	174	26,419	19.7
YB029	174	175	15,597	12.9
YB029	175	175.3	37,900	26.9

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB031	0	1	1,627	4.1
YB031	1	2	1,671	4.2
YB031	2	3	1,620	4.1
YB031	3	4	1,521	4.1
YB031	4	5	1,169	3.8
YB031	5	6	1,699	4.2
YB031	6	7	1,683	4.2
YB031	7	8	2,196	4.5
YB031	8	9	2,099	4.4
YB031	9	10	2,253	4.5
YB031	10	11	2,020	4.4
YB031	11	12	1,536	4.1
YB031	12	13	1,377	4.0
YB031	13	14	3,449	5.3
YB031	14	15	3,076	5.0
YB031	15	16	1,906	4.3
YB031	16	17	1,984	4.3
YB031	17	18	1,809	4.2
YB031	18	19	1,771	4.2
YB031	19	20	1,655	4.1
YB031	20	21	977	3.7
YB031	21	22	984	3.7
YB031	22	23	1,985	4.3
YB031	23	24	2,371	4.6
YB031	24	25	1,414	4.0
YB031	25	26	2,873	4.9
YB031	26	27	5,808	6.8
YB031	27	28	3,412	5.2
YB031	28	29	1,848	4.3
YB031	29	30	4,679	6.0
YB031	30	31	4,607	6.0
YB031	31	32	2,843	4.9
YB031	32	33	1,149	3.8
YB031	33	34	3,657	5.4
YB031	34	35	4,962	6.2
YB031	35	36	9,797	9.3
YB031	36	37	7,281	7.7
YB031	37	38	6,277	7.0
YB031	38	39	25,725	19.3
YB031	39	40	30,185	22.1
YB031	40	41	32,368	23.5
YB031	41	42	4,564	6.0
YB031	42	43	22,978	17.6
YB031	43	44	45,825	31.9
YB031	44	45	54,466	37.4
YB031	45	46	38,571	27.4
YB031	46	47	48,078	33.3
YB031	47	48	41,584	29.3
YB031	48	49	9,495	9.1
YB031	49	50	5,314	6.4
YB031	50	51	7,120	7.6
YB031	51	52	7,912	8.1
YB031	52	53	14,739	12.4
YB031	53	54	4,006	5.6
YB031	54	55	2,779	4.8
YB031	55	56	914	3.7
YB031	56	57	5,603	6.6
YB031	57	58	13,645	11.7
YB031	58	59	14,229	12.0
YB031	59	60	7,110	7.6
YB031	60	61	4,280	5.8
YB031	61	62	33,589	24.2
YB031	62	63	12,110	10.7
YB031	63	64	60,082	40.9
YB031	64	65	45,968	32.0
YB031	65	66	52,145	35.9
YB031	66	67	24,521	18.5
YB031	67	68	41,865	29.4
YB031	68	69	29,761	21.8
YB031	69	70	31,223	22.7

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB031	70	71	41,784	29.4
YB031	71	72	25,239	19.0
YB031	72	73	50,971	35.2
YB031	73	74	24,613	18.6
YB031	74	75	29,792	21.8
YB031	75	76	38,754	27.5
YB031	76	77	40,166	28.4
YB031	77	78	59,985	40.8
YB031	78	79	13,860	11.8
YB031	79	80	22,293	17.1
YB031	80	81	7,240	7.7
YB031	81	82	60,807	41.3
YB031	82	83	11,385	10.3
YB031	83	84	58,085	39.6
YB031	84	85	64,246	43.5
YB031	85	86	38,332	27.2
YB031	86	87	1,299	3.9
YB031	87	88	1,795	4.2
YB031	88	89	92,237	61.1
YB031	89	90	70,820	47.6
YB031	90	91	60,692	41.3
YB031	91	92	93,012	61.6
YB031	92	93	36,511	26.1
YB031	93	94	35,354	25.3
YB031	94	95	83,187	55.4
YB031	95	96	98,470	65.0
YB031	96	97	94,604	62.6
YB031	97	98	97,311	64.3
YB031	98	99	99,961	66.0
YB031	99	100	99,477	65.7
YB031	100	101	101,883	67.2
YB031	101	102	77,423	51.8
YB031	102	103	30,401	22.2
YB031	103	104	1,519	4.1
YB031	104	105	913	3.7
YB031	105	106	4,585	6.0
YB031	106	107	17,865	14.3
YB031	107	108	60,829	41.4
YB031	108	109	101,966	67.2
YB031	109	110	102,015	67.3
YB031	110	111	100,996	66.6
YB031	111	112	100,882	66.5
YB031	112	113	98,214	64.9
YB031	113	114	99,123	65.4
YB031	114	115	100,782	66.5
YB031	115	116	98,805	65.2
YB031	116	117	99,393	65.6
YB031	117	118	99,898	65.9
YB031	118	119	97,507	64.4
YB031	119	120	99,492	65.7
YB031	120	121	97,701	64.5
YB031	121	122	99,655	65.8
YB031	122	123	34,345	24.7
YB031	123	124	4,682	6.0
YB031	124	125	4,096	5.7
YB031	125	126	4,084	5.7
YB031	126	127	5,099	6.3
YB031	127	128	6,691	7.3
YB031	128	129	6,193	7.0
YB031	129	130	3,399	5.2
YB031	130	131	2,371	4.6
YB031	131	132	238	3.3
YB031	132	133	1,044	3.8
YB031	133	134	5,656	6.7
YB031	134	135	4,668	6.0
YB031	135	136	6,647	7.3
YB031	136	137	5,547	6.6
YB031	137	138	6,174	7.0
YB031	138	139	29,051	21.4
YB031	139	140	54,930	37.6

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB031	140	141	96,614	63.9
YB031	141	142	98,076	64.8
YB031	142	143	97,967	64.7
YB031	143	144	97,876	64.7
YB031	144	145	35,027	25.1
YB031	145	146	9,471	9.1
YB031	146	147	5,295	6.4
YB031	147	148	14,036	11.9
YB031	148	149	5,963	6.9
YB031	149	150	1,811	4.2
YB031	150	151	7,783	8.0
YB031	151	152	11,306	10.2
YB031	152	153	8,016	8.1
YB031	153	154	7,173	7.6
YB031	154	155	8,125	8.2
YB031	155	156	9,262	8.9
YB031	156	157	12,537	11.0
YB031	157	158	13,341	11.5
YB031	158	159	11,196	10.1
YB031	159	160	7,353	7.7
YB031	160	161	7,428	7.8
YB031	161	162	8,224	8.3
YB031	162	163	10,136	9.5
YB031	163	164	10,582	9.8
YB031	164	165	79,263	53.0
YB031	165	166	61,220	41.6
YB031	166	167	72,794	48.9
YB031	167	168	86,722	57.6
YB031	168	169	74,193	49.8
YB031	169	170	63,346	42.9
YB031	170	171	34,445	24.8
YB031	171	172	8,518	8.5
YB031	172	173	10,471	9.7
YB031	173	174	10,101	9.5
YB031	174	175	10,525	9.7
YB031	175	176	13,468	11.6
YB031	176	177	26,523	19.8
YB031	177	178	53,616	36.8
YB031	178	179	27,638	20.5
YB031	179	180	5,347	6.5
YB031	180	181	39,703	28.1
YB031	181	182	52,421	36.1
YB031	182	183	61,830	42.0
YB031	183	184	74,168	49.7
YB031	184	185	67,911	45.8
YB031	185	186	36,794	26.2
YB031	186	187	23,536	17.9
YB031	187	188	24,114	18.3
YB031	188	189	37,526	26.7
YB031	189	190	56,318	38.5
YB031	190	191	56,474	38.6
YB031	191	192	28,934	21.3
YB031	192	193	36,140	25.8
YB031	193	194	30,819	22.5
YB031	194	195	10,659	9.8
YB031	195	196	50,116	34.6
YB031	196	197	37,485	26.7
YB031	197	198	16,803	13.7
YB031	198	199	21,070	16.4
YB031	199	200	5,748	6.7
YB031	200	201	6,798	7.4
YB031	201	202	5,182	6.4
YB031	202	203	16,024	13.2
YB031	203	204	15,109	12.6
YB031	204	205	21,829	16.8
YB031	205	206	8,003	8.1
YB031	206	207	2,220	4.5
YB031	207	208	2,328	4.6
YB031	208	209	2,494	4.7
YB031	209	210	18,383	14.7

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB031	210	211	56,711	38.8
YB031	211	212	12,754	11.1
YB031	212	213	50,530	34.9
YB031	213	214	31,076	22.6
YB031	214	215	59,448	40.5
YB031	215	216	73,924	49.6
YB031	216	217	48,389	33.5
YB031	217	218	41,519	29.2
YB031	218	219	6,442	7.2
YB031	219	220	164	3.2
YB031	220	221	863	3.6
YB031	221	222	45,235	31.6
YB031	222	223	30,992	22.6
YB031	223	224	8,637	8.5
YB031	224	225	31,885	23.2
YB031	225	226	42,767	30.0
YB031	226	227	24,306	18.4
YB031	227	228	18,459	14.7
YB031	228	229	17,500	14.1
YB031	229	230	33,206	24.0
YB031	230	231	20,760	16.2
YB031	231	232	18,776	14.9
YB031	232	233	32,877	23.8
YB031	233	234	12,857	11.2
YB031	234	235	23,105	17.6
YB031	235	236	26,575	19.8
YB031	236	237	23,440	17.8
YB031	237	238	9,648	9.2
YB031	238	239	13,753	11.8
YB031	239	240	23,588	17.9
YB031	240	241	66,779	45.1
YB031	241	242	5,991	6.9
YB031	242	243	34,704	24.9
YB031	243	244	6,256	7.0
YB031	244	245	24,929	18.8
YB031	245	246	4,207	5.7
YB031	246	247	55,102	37.8
YB031	247	248	6,313	7.1
YB031	248	249	5,463	6.5
YB031	249	250	6,226	7.0
YB031	250	251	4,588	6.0
YB031	251	252	4,396	5.9
YB031	252	253	4,650	6.0
YB031	253	254	5,170	6.4
YB031	254	255	6,087	6.9
YB031	255	256	5,865	6.8
YB031	256	257	6,115	6.9
YB031	257	258	5,920	6.8
YB031	258	259	4,260	5.8
YB031	259	260	2,403	4.6
YB031	260	261	3,454	5.3
YB031	261	262	3,196	5.1
YB031	262	263	900	3.7
YB031	263	264	2,204	4.5
YB031	264	265	11,077	10.1
YB031	265	266	488	3.4
YB031	266	267	14,778	12.4
YB031	267	268	1,998	4.4
YB031	268	269	2,959	5.0
YB031	269	270	3,529	5.3
YB031	270	271	5,084	6.3
YB031	271	272	3,317	5.2
YB031	272	273	3,688	5.4
YB031	273	274	3,733	5.4
YB031	274	275	5,147	6.3
YB031	275	276	4,743	6.1
YB031	276	277	6,469	7.2
YB031	277	278	3,945	5.6
YB031	278	279	3,166	5.1
YB031	279	280	3,224	5.1

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10^{-5})	Calculated %Fe Grade
YB031	280	281	6,372	7.1
YB031	281	282	22,002	16.9
YB031	282	283	17,468	14.1
YB031	283	284	25,468	19.1
YB031	284	285	41,614	29.3
YB031	285	286	29,421	21.6
YB031	286	287	5,429	6.5
YB031	287	288	18,212	14.6
YB031	288	289	15,148	12.6
YB031	289	290	19,115	15.1
YB031	290	291	18,190	14.5
YB031	291	292	2,801	4.9
YB031	292	293	10,320	9.6
YB031	293	294	14,602	12.3
YB031	294	295	12,624	11.0
YB031	295	296	4,285	5.8
YB031	296	297	23,433	17.8
YB031	297	298	19,964	15.7
YB031	298	299	10,685	9.8
YB031	299	300	56,701	38.8
YB031	300	300.6	23,001	17.6

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB033	0	1	834	3.6
YB033	1	2	1,344	3.9
YB033	2	3	1,591	4.1
YB033	3	4	708	3.5
YB033	4	5	1,444	4.0
YB033	5	6	1,246	3.9
YB033	6	7	1,529	4.1
YB033	7	8	1,646	4.1
YB033	8	9	1,139	3.8
YB033	9	10	1,015	3.7
YB033	10	11	1,234	3.9
YB033	11	12	1,398	4.0
YB033	12	13	2,331	4.6
YB033	13	14	967	3.7
YB033	14	15	1,024	3.7
YB033	15	16	1,017	3.7
YB033	16	17	988	3.7
YB033	17	18	1,307	3.9
YB033	18	19	1,033	3.8
YB033	19	20	1,755	4.2
YB033	20	21	1,343	3.9
YB033	21	22	672	3.5
YB033	22	23	3,104	5.1
YB033	23	24	2,771	4.8
YB033	24	25	2,581	4.7
YB033	25	26	4,704	6.1
YB033	26	27	5,691	6.7
YB033	27	28	6,424	7.1
YB033	28	29	4,139	5.7
YB033	29	30	760	3.6
YB033	30	31	4,668	6.0
YB033	31	32	4,992	6.2
YB033	32	33	6,585	7.2
YB033	33	34	6,986	7.5
YB033	34	35	12,658	11.1
YB033	35	36	8,672	8.6
YB033	36	37	6,552	7.2
YB033	37	38	41,623	29.3
YB033	38	39	64,537	43.7
YB033	39	40	46,073	32.1
YB033	40	41	87,877	58.4
YB033	41	42	85,746	57.0
YB033	42	43	99,619	65.8
YB033	43	44	103,144	68.0
YB033	44	45	100,882	66.5
YB033	45	46	102,626	67.6
YB033	46	47	86,463	57.5
YB033	47	48	67,161	45.3
YB033	48	49	92,130	61.0
YB033	49	50	76,103	51.0
YB033	50	51	83,873	55.9
YB033	51	52	34,793	25.0
YB033	52	53	45,995	32.0
YB033	53	54	58,131	39.7
YB033	54	55	65,024	44.0
YB033	55	56	96,975	64.1
YB033	56	57	98,123	64.8
YB033	57	58	97,602	64.5
YB033	58	59	99,827	65.9
YB033	59	60	76,729	51.4
YB033	60	61	2,591	4.7
YB033	61	62	1,572	4.1
YB033	62	63	35,576	25.5
YB033	63	64	59,356	40.4
YB033	64	65	67,918	45.8
YB033	65	66	66,238	44.8
YB033	66	67	60,997	41.5
YB033	67	68	98,548	65.1
YB033	68	69	98,032	64.8
YB033	69	70	97,718	64.6

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB033	70	71	67,508	45.6
YB033	71	72	80,591	53.8
YB033	72	73	94,340	62.4
YB033	73	74	79,000	52.8
YB033	74	75	84,830	56.5
YB033	75	76	74,917	50.2
YB033	76	77	72,693	48.8
YB033	77	78	84,831	56.5
YB033	78	79	63,912	43.3
YB033	79	80	63,238	42.9
YB033	80	81	46,477	32.3
YB033	81	82	57,767	39.4
YB033	82	83	20,072	15.7
YB033	83	84	940	3.7
YB033	84	85	1,616	4.1
YB033	85	86	17,761	14.3
YB033	86	87	40,444	28.5
YB033	87	88	92,106	61.0
YB033	88	89	50,172	34.7
YB033	89	90	23,813	18.1
YB033	90	91	44,840	31.3
YB033	91	92	71,645	48.2
YB033	92	93	69,242	46.6
YB033	93	94	54,091	37.1
YB033	94	95	37,608	26.8
YB033	95	96	26,669	19.9
YB033	96	97	6,205	7.0
YB033	97	98	4,272	5.8
YB033	98	99	6,761	7.4
YB033	99	100	5,008	6.3
YB033	100	101	5,452	6.5
YB033	101	102	26,093	19.5
YB033	102	103	48,004	33.3
YB033	103	104	94,724	62.7
YB033	104	105	75,482	50.6
YB033	105	106	51,315	35.4
YB033	106	107	76,456	51.2
YB033	107	108	69,798	47.0
YB033	108	109	22,376	17.2
YB033	109	110	24,350	18.4
YB033	110	111	27,397	20.3
YB033	111	112	5,151	6.3
YB033	112	113	7,019	7.5
YB033	113	114	34,840	25.0
YB033	114	115	64,774	43.8
YB033	115	116	28,643	21.1
YB033	116	117	64,789	43.8
YB033	117	118	80,342	53.6
YB033	118	119	73,808	49.5
YB033	119	120	37,109	26.4
YB033	120	121	17,527	14.1
YB033	121	122	59,441	40.5
YB033	122	123	82,970	55.3
YB033	123	124	13,565	11.6
YB033	124	125	5,569	6.6
YB033	125	126	4,579	6.0
YB033	126	127	7,253	7.7
YB033	127	128	7,597	7.9
YB033	128	129	33,600	24.2
YB033	129	130	54,031	37.1
YB033	130	131	57,400	39.2
YB033	131	132	74,769	50.1
YB033	132	133	15,139	12.6
YB033	133	134	74,430	49.9
YB033	134	135	56,131	38.4
YB033	135	136	54,329	37.3
YB033	136	137	74,746	50.1
YB033	137	138	101,368	66.9
YB033	138	139	54,821	37.6
YB033	139	140	41,190	29.0

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB033	140	141	56,519	38.6
YB033	141	142	71,660	48.2
YB033	142	143	25,177	18.9
YB033	143	144	14,500	12.2
YB033	144	145	36,971	26.4
YB033	145	146	8,299	8.3
YB033	146	147	5,868	6.8
YB033	147	148	13,900	11.8
YB033	148	149	8,641	8.5
YB033	149	150	3,802	5.5
YB033	150	151	4,674	6.0
YB033	151	152	11,837	10.5
YB033	152	153	12,101	10.7
YB033	153	154	10,769	9.9
YB033	154	155	44,841	31.3
YB033	155	156	83,407	55.6
YB033	156	157	80,056	53.5
YB033	157	158	95,175	63.0
YB033	158	159	38,958	27.6
YB033	159	160	18,061	14.5
YB033	160	161	31,229	22.7
YB033	161	162	23,321	17.8
YB033	162	163	4,116	5.7
YB033	163	164	3,979	5.6
YB033	164	165	2,560	4.7
YB033	165	166	3,763	5.5
YB033	166	167	32,446	23.5
YB033	167	168	12,412	10.9
YB033	168	169	3,281	5.2
YB033	169	170	2,324	4.6
YB033	170	171	7,953	8.1
YB033	171	172	29,284	21.5
YB033	172	173	18,750	14.9
YB033	173	174	32,124	23.3
YB033	174	175	30,777	22.5
YB033	175	176	7,077	7.6
YB033	176	177	4,228	5.8
YB033	177	178	17,311	14.0
YB033	178	179	58,759	40.1
YB033	179	180	60,439	41.1
YB033	180	181	52,664	36.2
YB033	181	182	41,568	29.2
YB033	182	183	57,091	39.0
YB033	183	184	32,558	23.6
YB033	184	185	30,631	22.4
YB033	185	186	62,576	42.5
YB033	186	187	82,370	54.9
YB033	187	188	80,412	53.7
YB033	188	189	91,328	60.5
YB033	189	190	38,796	27.5
YB033	190	191	32,726	23.7
YB033	191	192	15,576	12.9
YB033	192	193	3,754	5.5
YB033	193	194	11,020	10.0
YB033	194	195	9,731	9.2
YB033	195	196	1,066	3.8
YB033	196	197	243	3.3
YB033	197	198	1,913	4.3
YB033	198	199	10,766	9.9
YB033	199	200	11,426	10.3
YB033	200	201	33,384	24.1
YB033	201	202	16,536	13.5
YB033	202	203	28,169	20.8
YB033	203	204	74,678	50.1
YB033	204	205	47,818	33.2
YB033	205	206	32,322	23.4
YB033	206	207	62,564	42.4
YB033	207	208	14,416	12.2
YB033	208	209	21,786	16.8
YB033	209	210	48,951	33.9

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB033	210	211	58,492	39.9
YB033	211	212	40,367	28.5
YB033	212	213	29,519	21.7
YB033	213	214	34,992	25.1
YB033	214	215	45,014	31.4
YB033	215	216	66,468	44.9
YB033	216	217	57,262	39.1
YB033	217	218	6,084	6.9
YB033	218	219	25,765	19.3
YB033	219	220	14,847	12.4
YB033	220	221	15,783	13.0
YB033	221	222	27,499	20.4
YB033	222	223	7,218	7.6
YB033	223	224	3,538	5.3

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB037	0	1	1,309	3.9
YB037	1	2	1,048	3.8
YB037	2	3	908	3.7
YB037	3	4	913	3.7
YB037	4	5	826	3.6
YB037	5	6	1,028	3.7
YB037	6	7	1,891	4.3
YB037	7	8	1,534	4.1
YB037	8	9	1,891	4.3
YB037	9	10	1,753	4.2
YB037	10	11	1,559	4.1
YB037	11	12	1,602	4.1
YB037	12	13	1,666	4.1
YB037	13	14	1,298	3.9
YB037	14	15	203	3.2
YB037	15	16	239	3.3
YB037	16	17	362	3.3
YB037	17	18	248	3.3
YB037	18	19	487	3.4
YB037	19	20	294	3.3
YB037	20	21	344	3.3
YB037	21	22	226	3.2
YB037	22	23	215	3.2
YB037	23	24	169	3.2
YB037	24	25	200	3.2
YB037	25	26	246	3.3
YB037	26	27	405	3.4
YB037	27	28	356	3.3
YB037	28	29	625	3.5
YB037	29	30	254	3.3
YB037	30	31	670	3.5
YB037	31	32	561	3.5
YB037	32	33	866	3.6
YB037	33	34	1,323	3.9
YB037	34	35	906	3.7
YB037	35	36	1,528	4.1
YB037	36	37	587	3.5
YB037	37	38	1,742	4.2
YB037	38	39	703	3.5
YB037	39	40	841	3.6
YB037	40	41	2,564	4.7
YB037	41	42	1,036	3.8
YB037	42	43	945	3.7
YB037	43	44	1,227	3.9
YB037	44	45	1,192	3.9
YB037	45	46	1,514	4.1
YB037	46	47	2,252	4.5
YB037	47	48	5,671	6.7
YB037	48	49	990	3.7
YB037	49	50	626	3.5
YB037	50	51	2,713	4.8
YB037	51	52	3,984	5.6
YB037	52	53	1,401	4.0
YB037	53	54	2,032	4.4
YB037	54	55	2,440	4.6
YB037	55	56	1,719	4.2
YB037	56	57	600	3.5
YB037	57	58	1,493	4.0
YB037	58	59	1,478	4.0
YB037	59	60	2,259	4.5
YB037	60	61	2,016	4.4
YB037	61	62	1,730	4.2
YB037	62	63	1,966	4.3
YB037	63	64	2,105	4.4
YB037	64	65	2,893	4.9
YB037	65	66	3,273	5.2
YB037	66	67	2,658	4.8
YB037	67	68	3,372	5.2
YB037	68	69	2,533	4.7
YB037	69	70	2,731	4.8

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB037	70	71	2,503	4.7
YB037	71	72	2,579	4.7
YB037	72	73	6,510	7.2
YB037	73	74	10,505	9.7
YB037	74	75	13,374	11.5
YB037	75	76	4,966	6.2
YB037	76	77	7,997	8.1
YB037	77	78	5,541	6.6
YB037	78	79	6,085	6.9
YB037	79	80	2,846	4.9
YB037	80	81	6,043	6.9
YB037	81	82	1,824	4.2
YB037	82	83	6,794	7.4
YB037	83	84	3,785	5.5
YB037	84	85	2,956	5.0
YB037	85	86	2,952	5.0
YB037	86	87	2,657	4.8
YB037	87	88	11,107	10.1
YB037	88	89	4,544	6.0
YB037	89	90	2,268	4.5
YB037	90	91	2,686	4.8
YB037	91	92	1,880	4.3
YB037	92	93	3,319	5.2
YB037	93	94	24,703	18.6
YB037	94	95	66,405	44.9
YB037	95	96	2,410	4.6
YB037	96	97	5,825	6.8
YB037	97	98	6,904	7.4
YB037	98	99	15,082	12.6
YB037	99	100	24,915	18.8
YB037	100	101	9,533	9.1
YB037	101	102	1,717	4.2
YB037	102	103	89	3.2
YB037	103	104	130	3.2
YB037	104	105	5,437	6.5
YB037	105	106	34,467	24.8
YB037	106	107	7,383	7.7
YB037	107	108	88	3.2
YB037	108	109	95	3.2
YB037	109	110	6,371	7.1
YB037	110	111	71,976	48.4
YB037	111	112	88,398	58.7
YB037	112	113	84,807	56.4
YB037	113	114	82,264	54.8
YB037	114	115	79,822	53.3
YB037	115	116	26,783	19.9
YB037	116	117	32,586	23.6
YB037	117	118	62,505	42.4
YB037	118	119	62,846	42.6
YB037	119	120	55,225	37.8
YB037	120	121	67,221	45.4
YB037	121	122	77,508	51.8
YB037	122	123	59,456	40.5
YB037	123	124	65,554	44.3
YB037	124	125	33,696	24.3
YB037	125	126	36,381	26.0
YB037	126	127	85,377	56.8
YB037	127	128	78,676	52.6
YB037	128	129	79,665	53.2
YB037	129	130	75,671	50.7
YB037	130	131	92,161	61.1
YB037	131	132	77,427	51.8
YB037	132	133	74,628	50.0
YB037	133	134	67,139	45.3
YB037	134	135	65,869	44.5
YB037	135	136	80,972	54.0
YB037	136	137	21,349	16.5
YB037	137	138	4,959	6.2
YB037	138	139	6,152	7.0
YB037	139	140	52,288	36.0

Hole ID	From (m)	To (m)	Magnetic Susceptibility Reading (SI units) Value (10-5)	Calculated %Fe Grade
YB037	141	142	96,048	63.5
YB037	142	143	93,573	62.0
YB037	143	144	79,839	53.3
YB037	144	145	62,391	42.3
YB037	145	146	64,900	43.9
YB037	146	147	91,463	60.6
YB037	147	148	79,796	53.3
YB037	148	149	55,085	37.7
YB037	149	150	70,665	47.5
YB037	150	151	69,099	46.6
YB037	151	152	63,710	43.2
YB037	152	153	55,878	38.2
YB037	153	154	67,536	45.6
YB037	154	155	62,027	42.1
YB037	155	156	64,817	43.9
YB037	156	157	70,962	47.7
YB037	157	158	89,803	59.6
YB037	158	159	51,420	35.4
YB037	159	160	61,673	41.9
YB037	160	161	71,619	48.1
YB037	161	162	72,326	48.6
YB037	162	163	83,752	55.8
YB037	163	164	63,371	43.0
YB037	164	165	61,282	41.6
YB037	165	166	68,105	45.9
YB037	166	167	64,877	43.9
YB037	167	168	89,646	59.5
YB037	168	169	54,123	37.1
YB037	169	170	81,387	54.3
YB037	170	171	87,203	57.9
YB037	171	172	69,500	46.8
YB037	172	173	19,986	15.7
YB037	173	174	16,934	13.8
YB037	174	175	75,809	50.8
YB037	175	176	42,877	30.1
YB037	176	177	52,576	36.2
YB037	177	178	66,104	44.7
YB037	178	179	34,285	24.7
YB037	179	180	65,938	44.6
YB037	180	181	84,018	55.9
YB037	181	182	61,335	41.7
YB037	182	183	30,943	22.6
YB037	183	184	3,744	5.5
YB037	184	185	19,528	15.4
YB037	185	186	84,929	56.5
YB037	186	187	44,891	31.3
YB037	187	188	2,004	4.4
YB037	188	189	141	3.2
YB037	189	190	507	3.4
YB037	190	191	922	3.7
YB037	191	192	0	3.1
YB037	192	193	1	3.1
YB037	193	194	44	3.1

JORC Code, 2012 Edition – Table 1 report

Freehill Mining Limited

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Sampling techniques described apply only to the raw core. NQ diamond core drilling carried out by DV Drilling using two Cortech 1300G maxi track mounted drill rigs. • Refer to Table 1 in Appendix of announcement. Holes were orientated as listed in Table 1, and were drilled at dips of 60° in a generally easterly direction. • Core remained in the custody of the company after being picked up from the drilling site. • Protocol set up and several magnetic susceptibility meter readings taken for each 1m of core. Meter readings then averaged for each 1m of core and recorded. • Instrument calibrated against a magnetic standard regularly. • The drill hole locations were located by survey differential GPS and checked against known government benchmarks. • Down hole surveys were conducted on all holes during drilling for azimuth and orientation using Reflex Ezi-Gyro and Reflex-Ori •
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• DDH drilling was the method chosen for all holes drilled. The core diameter was HQ triple tube (in weathered rock and surficial sands) and NQ size in competent rock.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Core recoveries were observed during the drilling and any core loss was noted in the geological logs. • Samples were checked by for volume, moisture content, possible contamination and recoveries. Any issues are discussed with the drilling contractor. • Some core loss was apparent and noted (generally <5%) in the weathered portion of the holes, however this was generally minor.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• All core sample logged by a qualified geologist with experience in magnetite deposits in Chile to a level appropriate with the style of mineralization • Logging was both qualitative and quantitative • Lithology, alteration, mineralization level & magnetic susceptibility all logged • All core remained as full core until fully logged and magnetic susceptibility measurements recorded. • Four magnetic susceptibility readings taken of each metre of core prior to cutting and the averaged

Criteria	JORC Code explanation	Commentary
		recorded. • All holes were logged in full.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Not applicable for magnetic susceptibility measurements however the sample preparation process after magnetic susceptibility testing is described below. • The preparation of samples follows industry practice. • Following detailed logging and magnetic susceptibility measurements taken the core was marked for orientation and cut in half by diamond saw. • Assay sample intervals were then marked by the geologist and ½ core samples bagged into plastic bags and dispatched to ALS Coquimbo, Chile for ore preparation. • Ore preparation was a standard PREP-31 method which involved oven drying, crushing to -2mm and a 250g sub-sampled pulverized of 85% passing 75 micron using LM5 mills. • Field QA_QC involved submitting blank material and also certified standard pulps. The laboratory also carried out internal standard QA_QC procedures. The sample sizes are considered appropriate to the grain size of the material being sampled.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• All Fe grades quoted in the body of the report are derived from magnetic susceptibility data. An algorithm was developed after the 2018 drilling program from 2200 drill samples that verified a correlation between magnetic susceptibility and Fe grade as determined by laboratory assay. The correlation coefficient R^2 was >0.90 and provides a high enough level of confidence to estimate Fe grades. • All assaying subsequent to the taking of magnetic susceptibility readings is to be conducted at ALS Coquimbo and ALS Perth which are accredited assay laboratories. • Assays on pulps include XRF of all samples, Magnasat testing of all samples and Davis Tube Recovery tesing of a subset of samples • Laboratory QA/QC samples involving the use of blanks, duplicates, standards (certified reference materials), replicates as part of in-house procedures.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Not applicable for magnetic susceptibility measurement reporting. • No twinned holes have been completed to date • Drill logs and geological logging has been done on hand written sheets which are converted to digital format each day
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	• All drill hole locations have been done using differential GPS by a registered

Criteria	JORC Code explanation	Commentary
	• *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	surveying company. • Drill collar elevations and project area topography have been double checked by GeoAmbiente using a GPS GEODÉSICO V60 GNSS MARCA HI-TARGET drone with +/- 1.5mm accuracy • All digital data, maps and data products associated with the drilling program are provided in coordinate system: datum WGS84 and projection UTM zone 19S.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drill holes at the Yerbas Buenas project YB6 structure are shown in the appendix of the main report • The drilling program line spacing,hole spacing and downhole sampling and assaying frequency is considered sufficient to establish a JORC compliant resource. • No sample compositing has been done. Assay intervals have been selected based on grades estimated by magnetic susceptibility meter and visual assessment and any single assay sample does not contain more than 2m of core.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Drill lines run East-West • No orientation based sampling bias has been identified in the data to date. • The main structure is thought to dip to the west
Sample security	• *The measures taken to ensure sample security.*	• Chain of Custody from drilling through to delivery of samples to the laboratory is entirely the supervision of Freehill and its employees. From the ore preparation stage at ALS Coquimbo the samples are under the control of ALS until fully assayed in Perth.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• None completed to date

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Yerbas Buenas Project is located on licenses held through Chilean subsidieries in which Freehill Investments currently has a 100% interest. Licenses are numbers 04102-2723-1, 04102-2714-2, 04102-2715-0, 04102-2755-K, 04102-2937-4 and total 398 hectares • Freehill Investments Pty Ltd has a 100% interest in these subsidiaries. The licences allow for the extraction of up to 5000 tonnes per month and application currently with Sernageomin, the Chiliean mining authority.

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Two Reverse Circulation drill holes- SDHYB1101 & 1102- completed by previous tenement holder Compania Mineria Pacifico (CAP) in 2011 and referred to in prospectus section 2.5 of IGR • Holes drilled to 101m & 150m, Dip 70 degrees, azimuth 119, E6,723,594 N279,725 & E6,723,564 N279,758 • Complete drill hole assays provided by Compania Minera del Pacifico, photographs of drilling activity and hole collars, geophysics by Geoexploracoiones, • Samples assayed for Total %Fe and % magnetics by Davis Tube. • 50m line spaced ground magnetics survey completed over 800mx800m in 2010 by Geoexploraciones
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The deposit occurs within the El Tofo and Atacama Fault region with those projects lying along the El Tofo Fault being primarily iron bearing whilst those along the Atacama Fault tending to be predominantly copper bearing. The central area is characterised by three dominant intrusive structures.The structural setting is one of NE-SW trending subvertical tabular bodies with apatite the primary gangue. The primary intrusives unit is a diorite with veins of quartz-magnetite, disseminated magnetite. Andesitic porphyry occurs with abundant biotite, quartz with magnetite as well as hydrothermal breccia with magnetite. Yerbas Buenas shows some evidence evidence of IOCG mineralisation

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• Table of drill hole positions provided in report appendix

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Not applicable for currently reported magnetic susceptibility measurements.
Relationship	• *These relationships are particularly important in the*	• Not applicable for currently reported

Criteria	JORC Code explanation	Commentary
between mineralisation widths and intercept lengths	*reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	magnetic susceptibility measurements. • Geometry of mineralization not yet determined but will be determined as a result of the current drilling campaign
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• See Figure in Appendix following body of report
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• This document is considered to be a balanced report of the diamond core logging and magnetic susceptibility measurements taken to date.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• Not applicable for magnetic susceptibility measurements.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Detailed mapping and rock-chip sampling of main geophysical targets are being undertaken together with sampling in a 0.5 Hec bulk sampling pit • Surface sampling, mapping and trenching/pitting of the IP anomaly is planned for Q4 2019 where it appears to be exposed at surface. • Followup RC 'in-fill' drilling of the YB6 magnetic structure is planned for Q2 2020 to upgrade the resource category