

Appendix 6

Assay Result of the Channel Samples from 1930m Level Tunnel (1) - (4)

Abbreviations

Asp	:Arsenopyrite
Bn	:Bornite
Cal	:Calcite
Cp	:Chalcopyrite
Ga	:Garnet
Mo	:Molybdenite
Px	:Pyroxene
Py	:Pyrite
Qz	:Quartz
Wo	:Wollastonite

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Serial no.	Sample no.	Locality			Rock name	Au(g/t)		Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mo (ppm)
		Tunnel/Wall/Face	Depth (m)	Length (m)		FA	SGM						
1	4001	Face 1.7m	0.0 ~ 0.5	0.5	Ga skarn with Cal		0.09	120	7	70	-	-	12
2	4002	"	0.5 ~ 1.5	1.0	skarnized granodiorite		0.07	50	9	120	-	-	20
3	4003	"	1.5 ~ 2.3	0.8	skarnized granodiorite		0.07	150	12	30	150	-	30
4	4004	"	2.3 ~ 2.9	0.6	Ga skarn		0.07	70	4	40	120	-	1
5	4005	"	2.9 ~ 3.6	0.7	skarnized granodiorite		0.09	70	4	120	-	-	20
6	4006	" , hight 2m	1.3 ~ 2.1	0.8	granodiorite, Asp dissem	12.1	7	200	7	-	2,000	-	9
7	4007	Face 2.7m	0.0 ~ 0.9	0.9	Ga skarn		0.05	300	7	150	200	-	2
8	4008	"	0.9 ~ 1.9	1.0	granodiorite		0.09	40	15	40	-	-	20
9	4009	"	1.9 ~ 2.7	0.8	granodiorite	0.6	0.3	120	20	40	-	-	15
10	4010	"	2.7 ~ 3.0	0.3	granodiorite, Asp dissem	40.4	>>10	300	7	30	15,900	30	20
11	4011	Face 4.3m	0.0 ~ 1.0	1.0	granodiorite	<0.5	0.12	90	30	40	-	-	40
12	4012	"	1.0 ~ 2.0	1.0	granodiorite		0.05	70	20	30	120	-	15
13	4013	"	2.0 ~ 2.8	0.8	granodiorite		0.02	70	30	30	-	-	20
14	4014	Face 5.5m	0.0 ~ 1.0	1.0	granodiorite, minor Cp & minor Mo		0.15	90	40	40	-	-	20
15	4015	"	1.0 ~ 2.0	1.0	granodiorite, minor Cp & minor Mo	0.5	0.15	50	30	30	-	-	9
16	4016	"	2.0 ~ 2.8	0.8	granodiorite, minor Cp & minor Mo	0.7	0.2	50	30	30	120	-	9
17	4017	Face 6.8m	0.0 ~ 1.0	1.0	granodiorite, minor Cp & minor Mo		0.012	70	30	40	-	<30	15
18	4018	"	1.0 ~ 2.0	1.0	granodiorite, minor Cp		0.012	70	30	30	200	-	12
19	4019	"	2.0 ~ 2.8	0.8	granodiorite		0.015	70	20	30	-	-	15
20	4020	Face 8.2m	0.0 ~ 1.0	1.0	granodiorite		0.015	90	30	30	-	-	12
21	4021	"	1.0 ~ 2.0	1.0	granodiorite		0.03	150	30	40	-	-	15
22	4022	"	2.0 ~ 2.7	0.7	granodiorite		0.03	120	40	50	150	-	12
23	4023	Face 1.8m	0.0 ~ 1.0	1.0	granodiorite, Asp, Py & minor Cp		0.09	70	30	30	-	-	20
24	4024	"	1.0 ~ 2.0	1.0	granodiorite, Asp, Py & minor Cp	7.5	9	150	15	40	3,000	-	70
25	4025	"	2.0 ~ 2.8	0.8	granodiorite, Asp, Py & minor Cp	28.5	>>10	200	15	30	92,000	<30	30
26	4026	Face 9.8m	0.0 ~ 0.4	0.4	granodiorite	0.8	0.12	50	20	-	2,000	-	20
27	4027	"	0.4 ~ 1.4	1.0	granodiorite		0.03	70	30	30	150	-	9
28	4028	"	1.4 ~ 2.4	1.0	granodiorite		0.02	90	40	40	200	-	20
29	4029	Face 3.0m	0.0 ~ 0.8	0.8	granodiorite porphyry, minor Py & minor Asp		0.04	150	40	40	150	-	20
30	4030	"	0.8 ~ 1.7	0.9	Ga-Px skarn with Asp & Cp	8.6	~10	120	5	40	3,000	-	4
31	4031	"	1.7 ~ 2.1	0.4	granodiorite porphyry	1.1	0.9	150	30	70	120	-	12
32	4032	Face 11.5m	0.3 ~ 1.3	1.0	granodiorite, limonite	0.6	0.12	70	30	30	300	-	15
33	4033	"	1.3 ~ 2.3	1.0	granodiorite, limonite		0.05	90	30	40	300	-	12
34	4034	Face 13.3m	0.7 ~ 1.7	1.0	granodiorite, limonite		0.015	70	40	-	120	-	12
35	4035	"	1.7 ~ 2.4	0.7	granodiorite, limonite		0.02	120	40	30	300	-	7

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Serial no.	Sample no.	Locality			Rock name	Au(g/t)		Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mo (ppm)
		Tunnel/Wall/Face	Depth (m)	Length (m)		FA	SGM							
36	4036	Face 4.1m	0.0 ~ 1.2	1.2	granodiorite, minor Asp & minor Py	<0.5	0.05	0.15	120	12	70	-	9	
37	4037	"	1.2 ~ 2.4	1.2	granodiorite, minor Asp & minor Py		0.02	-	90	5	90	-	2	
38	4038	Face 5.3m	0.0 ~ 1.1	1.1	granodiorite & Ga-Px skarn with Py & Asp		0.04	0.15	120	15	50	-	15	
39	4039	"	1.1 ~ 2.1	1.0	granodiorite & Ga-Px skarn with Py & Asp		0.05	0.12	90	5	120	-	5	
40	4040	Face 14.5m	0.9 ~ 2.1	1.2	skarnized granodiorite		0.09	5	200	20	30	1,200	120	
41	4041	Face 16.0m	0.0 ~ 1.1	1.1	marble & lamprophyre with Py & Asp	1.2	0.4	2	3,000	12	90	21,600	90	
42	4042	"	1.1 ~ 2.2	1.1	granodiorite, jointy, Py & Asp		0.09	0.2	300	30	30	700	30	
43	4043	Face 6.5m	0.0 ~ 1.0	1.0	granodiorite porphyry		0.03	<0.1	70	4	120	-	5	
44	4044	"	1.0 ~ 2.0	1.0	granodiorite porphyry		0.03	0.2	150	5	90	-	12	
45	4045	Face 7.6m	0.0 ~ 1.1	1.1	granodiorite porphyry		0.04	0.4	150	12	90	-	15	
46	4046	"	1.1 ~ 2.2	1.1	granodiorite porphyry		0.015	0.2	120	12	50	-	12	
47	4047	Face 8.7m	0.0 ~ 1.2	1.2	granodiorite porphyry & Ga skarn with minor Asp		0.03	0.3	120	9	150	-	15	
48	4048	"	1.2 ~ 2.3	1.1	granodiorite porphyry & Ga-Px skarn, Py		0.05	0.15	150	9	150	-	7	
49	4049	Face 17.6m	0.0 ~ 1.0	1.0	marble & skarnized dike with Cp, Py & Asp	0.8	0.15	1.5	2,000	5	150	2,000	-	
50	4049A	" , height 1.2m	0.4 ~ 1.4	1.0	marble & skarnized dike with Cp, Py & Asp	1	1.2	5	9,000	4	150	10,200	50	
51	4050	Face 17.6m	1.0 ~ 1.4	0.4	Ga skarn, abundant Py, minor Asp & minor Cp	0.5	0.2	0.5	300	3	40	3,000	50	
52	4051	"	1.4 ~ 2.4	1.0	granodiorite, limonite, minor Asp	<0.5	0.12	<0.1	90	9	30	150	-	
53	4052	S wall	17.0 ~ 17.4	0.4	Ga skarn, abundant Cp, Py & Asp	0.7	0.4	0.7	400	3	-	7,000	-	
54	4053	Face 9.7m	0.0 ~ 1.2	1.2	granodiorite porphyry, minor Py & minor Asp	0.7	0.07	0.2	300	12	200	-	12	
55	4054	"	1.2 ~ 2.3	1.1	granodiorite porphyry, minor Py & minor Asp	0.5	0.05	0.15	120	40	300	-	9	
56	4055	Face 19.1m	0.0 ~ 0.7	0.7	marble & lamprophyre	0.6	0.15	-	150	<3	200	-	2	
57	4056	"	0.7 ~ 1.4	0.7	Px-Ga skarn Py, minor Asp & minor Cp	0.7	0.07	0.12	150	5	120	-	2	
58	4057	"	1.4 ~ 2.5	1.1	granodiorite, Asp, Py	1	0.12	0.5	300	50	120	300	-	
59	4058	Face 11.1m	0.0 ~ 1.1	1.1	granodiorite porphyry	<0.5	0.03	0.3	90	9	90	-	12	
60	4059	"	1.1 ~ 2.2	1.1	granodiorite porphyry	0.5	0.07	0.15	150	15	120	-	12	
61	4060	Face 20.1m	0.9 ~ 1.6	0.7	Ga skarn, lamprophyre, Py, Asp, & Cp	0.5	0.02	0.4	150	15	150	200	-	
62	4061	"	1.6 ~ 2.6	1.0	granodiorite, limonite, Asp & Py	0.8	0.12	0.15	120	50	150	300	<30	
63	4062	Face 12.5m	0.0 ~ 1.2	1.2	granodiorite & Ga skarn, Cp, Asp & Py	<0.5	0.012	0.15	90	15	150	300	-	
64	4063	"	1.2 ~ 2.4	1.2	granodiorite & Ga skarn, Cp, Asp & Py	0.9	0.2	2	400	30	150	200	-	
65	4064	Face 21.7m	1.0 ~ 2.2	1.2	Ga skarn, Py, Asp & Mo	0.5	0.04	0.3	120	30	150	300	-	
66	4065	"	2.2 ~ 2.6	0.4	granodiorite, limonite	<0.5	0.12	0.7	200	50	120	1,500	30	
67	4066	Face 13.7m	0.0 ~ 1.1	1.1	granodiorite & minor skarn, Py & Asp	0.5	0.07	1.2	400	15	150	-	15	
68	4067	"	1.1 ~ 2.2	1.1	granodiorite & minor skarn, Py & Asp	0.5	0.09	0.3	120	12	150	-	9	
69	4068	Face 23.2m	0.9 ~ 1.9	1.0	granodiorite, minor Asp & minor Py	<0.5	0.12	0.3	120	40	120	200	-	
70	4069	"	1.9 ~ 2.6	0.7	granodiorite, minor Asp & minor Py	0.7	0.09	0.2	150	30	120	200	-	

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		Tunnel/Wall/Face	Depth (m)	Length (m)		FA	SGM							
71	4070	Face 15.5m	0.0 ~ 1.0	1.0	Ga-Px skarn with many Cp, minor Py & minor Asp	1.2	1.2	4	5,000	5	700	1,200	300	2
72	4071	"	1.0 ~ 2.0	1.0	Ga-Px skarn with many Cp, minor Py & minor Asp	15.4	~10	12	8,000	4	500	-	40	2
73	4072	"	2.0 ~ 2.6	0.6	Ga-Px skarn with many Cp, minor Py & minor Asp	1	0.7	1.5	900	4	400	-	<30	2
74	4073	" , height 1.8m	1.1 ~ 1.5	0.4	Ga-Px skarn with many Cp, minor Py & minor Asp	64	>>10	20	28,000	4	700	-	30	-
75	4074	Face 24.5m	1.1 ~ 2.4	1.3	granodiorite minor Asp & minor Py	0.5	0.07	0.15	120	30	90	1,200	-	15
76	4075	Face 16.5m	0.0 ~ 1.0	1.0	Px-Ga skarn with Qz, Cal	150.8	>>10	70	40,000	4	1,200	2,000	6,000	1
77	4076	"	1.0 ~ 2.0	1.0	Cp > Asp & Py ore	140.2	>>10	50	30,000	7	900	2,000	2,000	-
78	4077	"	2.0 ~ 2.6	0.6	Cp > Asp & Py ore	36	>10	40	22,000	4	500	3,000	2,000	2
79	4071A	Face 15.5m	centre of the face	0.2	Solid Cp - dk gm big Px crystal - Ca ore	185.5	>>10	70	52,000	9	700	-	<30	-
80	4075A	15.5-16.5m	blasted ore pile	0.2	spotted Cp ore, Ga rich part, the same block of 4076A	31.5	>10	12	12,000	7	150	-	<30	2
81	4076A	"	blasted ore pile	0.3	spotted Cp ore, Px rich part, the same block of 4075A	43.3	>>10	20	18,000	<3	500	-	150	2
82	4077A	16.5-17.7m	blasted ore pile	0.2	(Py)- Asp<solid Cp - Ca ore (in marble zone along skarn)	4.5	3	70	180,000	30	2,000	10,800	6,000	2
83	4078	Face 25.3m	2.0 ~ 2.6	0.6	granodiorite, minor Asp	0.8	0.2	2	300	40	90	2,000	40	30
84	4079	Face 26.9m	2.0 ~ 2.5	0.5	granodiorite, minor Asp	1.8	1.2	3	900	20	50	3,000	<30	30
85	4080	Face 17.8m	0.4 ~ 1.4	1.0	Px skarn, abundant Cp	39.9	>>10	40	23,000	12	900	700	70	9
86	4081	Face 41.1m	0.0 ~ 0.6	0.6	skarnized dike, Ga	1.1		30	3,000	3	70	-	150	20
87	4082	Face 42.4m	1.2 ~ 2.4	1.2	skarnized dike, Ga	1.9		7	4,000	<3	50	-	90	12
88	4083	Face 43.4m	1.8 ~ 2.8	1.0	skarnized dike, Ga	<0.5	0.09	1.2	700	3	40	700	40	30
89	4084	Face 57.5m	0.0 ~ 1.2	1.2	lamprophyre, minor Asp veinlets	<0.5	-	-	50	30	30	-	-	3
90	4085	"	1.2 ~ 2.3	1.1	lamprophyre, minor Asp veinlets	<0.5	-	<0.1	50	9	40	-	-	2
91	4086	Face 59.0m	0.0 ~ 1.0	1.0	lamprophyre, minor Asp veinlets	<0.5	-	-	50	9	30	-	-	3
92	4087	"	1.0 ~ 2.0	1.0	lamprophyre, minor Asp veinlets		0.012	-	70	15	30	-	-	3
93	4088	"	2.0 ~ 2.5	0.5	lamprophyre, minor Asp veinlets	0.5		-	40	12	40	-	-	4
94	4089	N wall	83.3 ~ 83.7	0.4	Px-Ga skarn vein, Cp & Asp	0.7		0.7	900	3	150	16,500	120	1
95	4090	S wall	82.4 ~ 82.8	0.4	Px-Ga skarn vein, Cp & Asp	1.5		4	1,500	3	150	7,000	200	7
96	4091	E wall	12.1 ~ 13.1	1.0	gm skarnized granodiorite porphyry	116.2		70	30,000	<3	120	-	120	1
97	4092	"	13.1 ~ 14.1	1.0	gm skarnized granodiorite	0.6		2	900	9	150	-	120	9
98	4093	"	14.1 ~ 15.0	0.9	gm skarnized granodiorite, Cp & Asp, Ga	0.7		0.5	150	7	150	-	30	5
99	4094	"	15.0 ~ 16.0	1.0	gm skarnized granodiorite, Ga	0.5		0.4	70	5	200	-	<30	5
100	4095	" , height 1.3m	15.7 ~ 16.9	1.2	Px-Ga skarn, minor Cp	0.5		0.7	500	20	150	-	70	9
101	4096	E wall	16.7 ~ 17.0	0.3	Px skarn with Cp & sheared Ga	18.2		12	10,000	<3	700	900	300	1
102	4097	" , height 0.3m	16.7 ~ 17.7	1.0	Cp-Px skarn, abundant Cp	0.5		0.5	300	9	150	-	-	9
103	4098	" , height 0.9m	17.6 ~ 18.2	0.6	Wo-Px skarn, abundant Cp	16.8		157.5	17,000	70	700	-	90	-
104	4099	" , height 0.5m	18.0 ~ 18.6	0.6	Wo-Px skarn, abundant Cp & abundant Bn	6.8		267.1	22,000	30	400	-	30	-
105	4100	W wall	16.4 ~ 17.4	1.0	Ga-Px skarn, abundant Cp	65.2		70	22,000	3	900	-	50	-

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		Tunnel/Wall/Face	Depth (m)	Length (m)											
71	4070	Face 15.5m	0.0 ~ 1.0	1.0	Ga-Px skarn with many Cp, minor Py & minor Asp	1.2	1.2	4	5,000	5	700	1,200	300	2	
72	4071	Sidetrack I	1.0 ~ 2.0	1.0	Ga-Px skarn with many Cp, minor Py & minor Asp	15.4	>10	12	8,000	4	500	-	40	2	
73	4072	"	2.0 ~ 2.6	0.6	Ga-Px skarn with many Cp, minor Py & minor Asp	1	0.7	1.5	900	4	400	-	<30	2	
74	4073	" , height 1.8m	1.1 ~ 1.5	0.4	Ga-Px skarn with many Cp, minor Py & minor Asp	64	>>10	20	28,000	4	700	-	30	-	
75	4074	Crosscut I	1.1 ~ 2.4	1.3	granodiorite minor Asp & minor Py	0.5	0.07	0.15	120	30	90	1,200	-	15	
76	4075	Face 16.5m	0.0 ~ 1.0	1.0	Px-Ga skarn with Qz, Cal	150.8	>>10	70	40,000	4	1,200	2,000	6,000	1	
77	4076	Sidetrack I	1.0 ~ 2.0	1.0	Cp > Asp & Py ore	140.2	>>10	50	30,000	7	900	2,000	2,000	-	
78	4077	"	2.0 ~ 2.6	0.6	Cp > Asp & Py ore	36	>10	40	22,000	4	500	3,000	2,000	2	
79	4071A	Face 15.5m	centre of the face	0.2	Solid Cp - dk grn big Px crystal - Ca ore	185.5	>>10	70	52,000	9	700	-	<30	-	
80	4075A	Sidetrack I	15.5-16.5m	0.2	spotted Cp ore, Ga rich part, the same block of 4076A	31.5	>10	12	12,000	7	150	-	<30	2	
81	4076A	"	blasted ore pile	0.3	spotted Cp ore, Px rich part, the same block of 4075A	43.3	>>10	20	18,000	<3	500	-	150	2	
82	4077A	"	blasted ore pile	0.2	(Py)-Asp<Solid Cp - Ca ore (in marble zone along skarn)	4.5	3	70	180,000	30	2,000	10,800	6,000	2	
83	4078	Crosscut I	Face 25.3m	2.0	2.6	0.6	granodiorite, minor Asp	0.8	0.2	2	300	40	90	2,000	30
84	4079	"	Face 26.9m	2.0	2.5	0.5	granodiorite, minor Asp	1.8	1.2	3	900	20	50	3,000	<30
85	4080	Sidetrack I	Face 17.8m	0.4	1.4	1.0	Px skarn, abundant Cp	39.9	>>10	40	23,000	12	900	700	70
86	4081	"	Face 41.1m	0.0	0.6	0.6	skarnized dike, Ga	1.1	-	30	3,000	3	70	-	150
87	4082	"	Face 42.4m	1.2	2.4	1.2	skarnized dike, Ga	1.9	-	7	4,000	<3	50	-	90
88	4083	"	Face 43.4m	1.8	2.8	1.0	skarnized dike, Ga	<0.5	0.09	1.2	700	3	40	700	40
89	4084	"	Face 57.5m	0.0	1.2	1.2	lampoehyre, minor Asp veinlets	<0.5	-	-	50	30	30	-	3
90	4085	Crosscut I	"	1.2	2.3	1.1	lampoehyre, minor Asp veinlets	<0.5	-	<0.1	50	9	40	-	2
91	4086	"	Face 59.0m	0.0	1.0	1.0	lampoehyre, minor Asp veinlets	<0.5	-	-	50	9	30	-	3
92	4087	"	"	1.0	2.0	1.0	lampoehyre, minor Asp veinlets	0.012	-	-	70	15	30	-	3
93	4088	"	"	2.0	2.5	0.5	lampoehyre, minor Asp veinlets	0.5	-	-	40	12	40	-	4
94	4089	"	N wall	83.3	83.7	0.4	Px-Ga skarn vein, Cp & Asp	0.7	0.7	0.7	900	3	150	16,500	120
95	4090	"	S wall	82.4	82.8	0.4	Px-Ga skarn vein, Cp & Asp	1.5	1.5	4	1,500	3	150	7,000	200
96	4091	"	E wall	12.1	13.1	1.0	grn skarnized granodiorite porphyry	116.2	-	70	30,000	<3	120	-	120
97	4092	"	"	13.1	14.1	1.0	grn skarnized granodiorite	0.6	0.6	2	900	9	150	-	120
98	4093	"	"	14.1	15.0	0.9	grn skarnized granodiorite, Cp & Asp, Ga	0.7	0.7	0.5	150	7	150	-	30
99	4094	Sidetrack I	"	15.0	16.0	1.0	grn skarnized granodiorite, Ga	0.5	0.5	0.4	70	5	200	-	<30
100	4095	"	" , height 1.3m	15.7	16.9	1.2	Px-Ga skarn, minor Cp	0.5	0.5	0.7	500	20	150	-	70
101	4096	"	E wall	16.7	17.0	0.3	Px skarn with Cp & sheared Ga	18.2	-	12	10,000	<3	700	900	300
102	4097	"	" , height 0.3m	16.7	17.7	1.0	Cp-Px skarn, abundant Cp	0.5	0.5	0.5	300	9	150	-	9
103	4098	"	" , height 0.9m	17.6	18.2	0.6	Wo-Px skarn, abundant Cp	16.8	16.8	157.5	17,000	70	700	-	90
104	4099	"	" , height 0.5m	18.0	18.6	0.6	Wo-Px skarn, abundant Cp & abundant Bn	6.8	6.8	267.1	22,000	30	400	-	30
105	4100	"	W wall	16.4	17.4	1.0	Ga-Px skarn, abundant Cp	65.2	-	70	22,000	3	900	-	50