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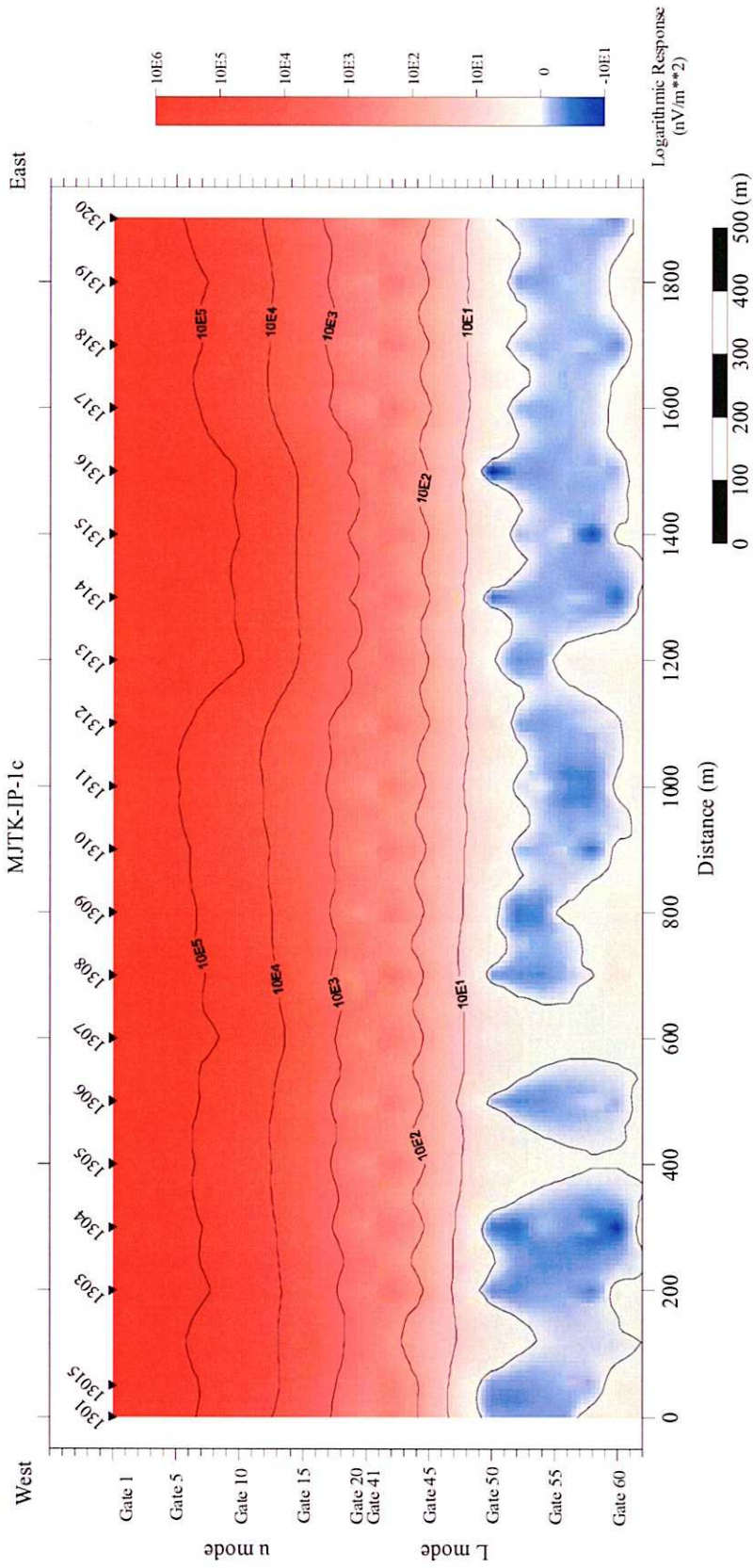
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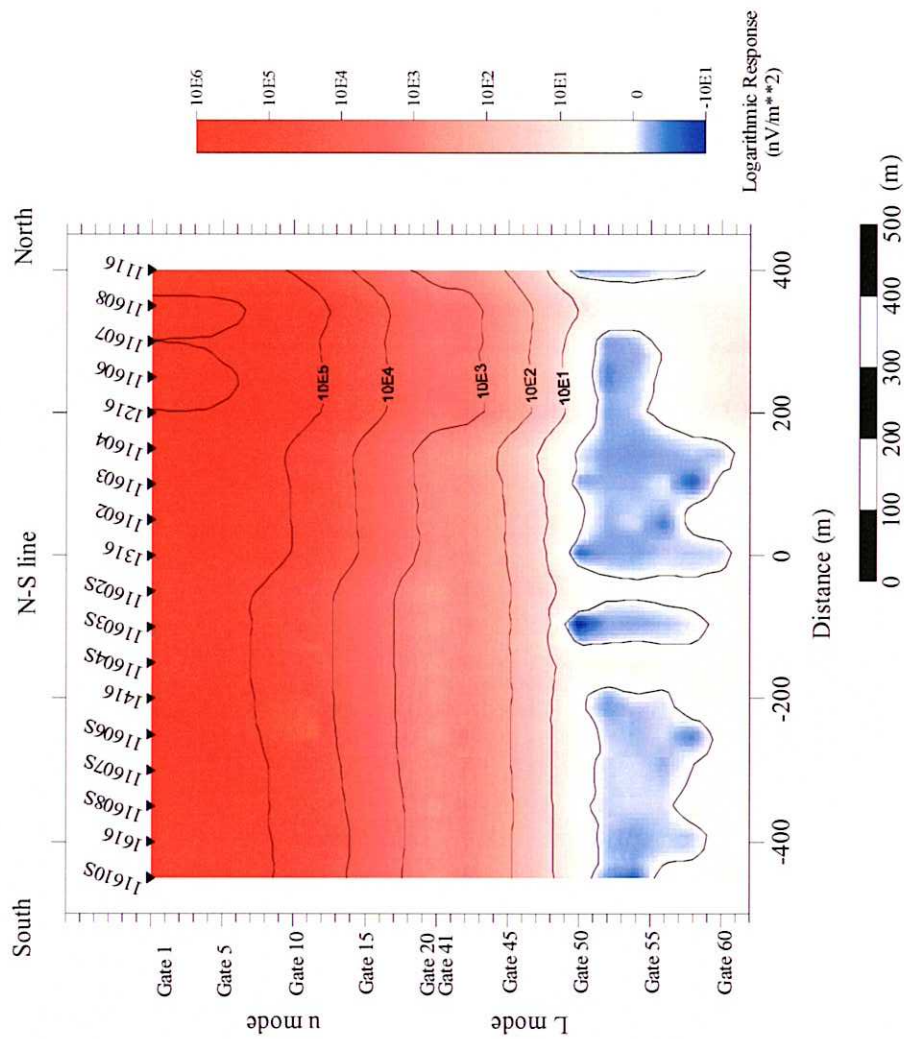
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Appendix A Cross section of measurement results(TEM)

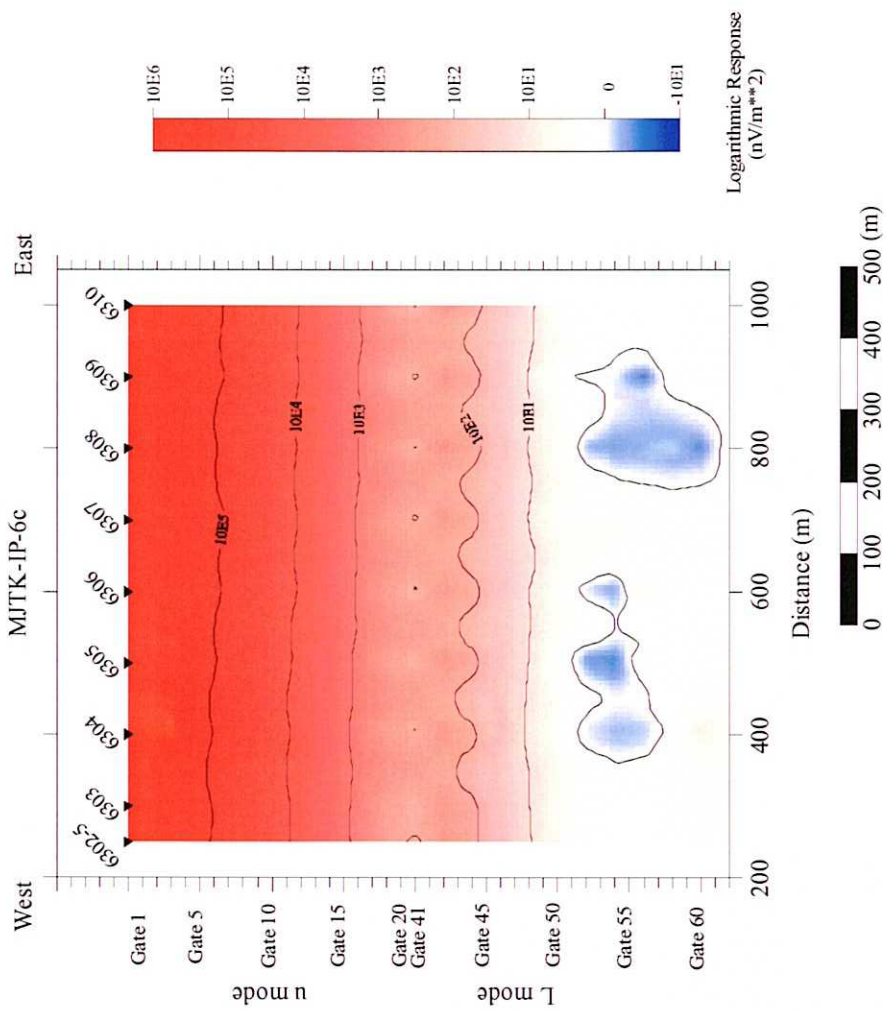


Observed response map along the Line MJTK-IP-1c

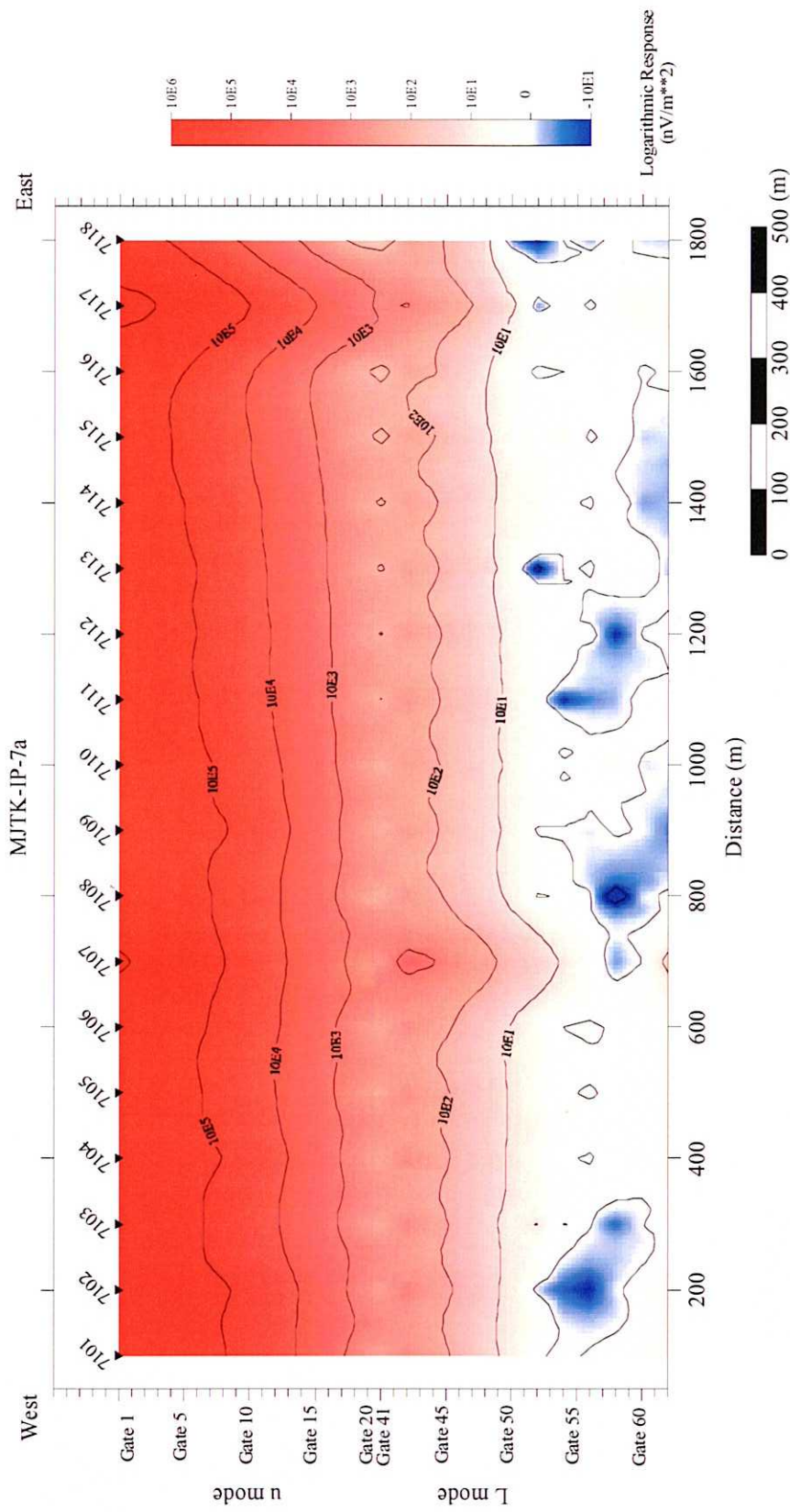
The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows the negative value.



Observed response map along the N-S direction line which is crossing the line MJTK-IP-1C at station 1316. The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows the negative value.

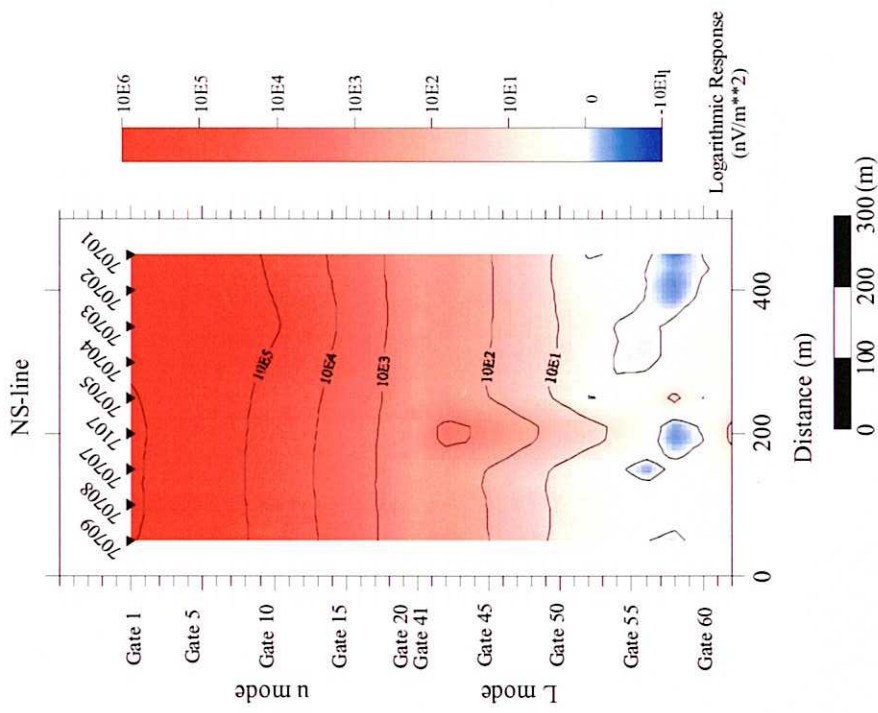


Observed response map along the Line MJTK-IP-6c
 The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows the negative value.



Observed response map along the Line MJTK-IP-7a

The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows the negative value.



Observed response map along the N-S direction line which is crossing the line MJTK-IP-7a at station 7107
 The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows the negative value.

Appendix B Drilling results for Hole No.MJTK-1 and MJTK-2

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS							
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	
0	○ ○ ○ ○ ○	Cenozoic Conglomerate			Wethered Lim												
5	○ ○ ○ ○ ○																
10	○ ○ ○ ○ ○																
15	○ ○ ○ ○ ○																
20	○ ○ ○ ○ ○																
25	○ ○ ○ ○ ○																
30	○ ○ ○ ○ ○																
35	○ ○ ○ ○ ○																
40	○ ○ ○ ○ ○																
45	○ ○ ○ ○ ○																
50	○ ○ ○ ○ ○																
55	○ ○ ○ ○ ○																
60	○ ○ ○ ○ ○																
65	○ ○ ○ ○ ○																
70	○ ○ ○ ○ ○																
75	○ ○ ○ ○ ○																
80	○ ○ ○ ○ ○																
85	○ ○ ○ ○ ○																
90	○ ○ ○ ○ ○																
95	○ ○ ○ ○ ○																
100	○ ○ ○ ○ ○																

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS								
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)		
205		Pelitic Schist	Pelitic schist, bedded(45°), Graphite dominant. Pyrite disseminated along schistsity.															
210																		
215				211m, psamitic lamination. With silty psamitic lamina. 45-50°. Black- d gray Pelitic schist ∠45° lamina (partly psamitic) pyrite disseminated. Graphite dominant.														
220				213.50m, pyrite disseminated lens, width < 20mm.														
225				217.1m-221.5m, partly sandy-silty lamina ∠45-50°. graphite														
230				221.5-, graphite dominant. Fragile.														
235																		
240																		
245																		
250																		
255				254.60m, quartz vein porous, 70°, width > 20mm.														
260				Black pelitic schist, Partly Quartz-dolomite? Network and pyrite disseminated along schistsity.														
265				259.90m-, very fragile. graphite dominant. Schistsity 40° -> 30°. Black Pelitic schist, graphite.														
270			269.40-270.00m, 40°, Fault? brecciated. Fractured in the upper zone.															
275			270.25m, quartz vein 25° width: 70mm. 270.30m-, 25°, psamitic schist. With ∠ 20 - 30° laminated. With quartz network.	Py														
280			274.5m-, Pelitic schist. 275m, silty - pelitic schist with graphite. Partly lamina ∠ 40°, pyrite disseminated. Hard and fragile. With graphite, sheared, pyrite-disseminated, carbonate dominant.															
285																		
290			285m, psamitic - silty - pelitic - schist. With graphite, fragile.															
295																		
300																		

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS								
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)		
305		Psamitic schist Pelitic Schist	301.20m- Pelitic schist., Graphite dominant 302.15m, ∠40' quartz vein 3cm. chlorite imp. With quartz network. 302.25m-, ∠45', psamitic schist, Chlorite, silicified, pyrite (very fine). Partly pelitic schist thin layers. 305.1m-, pelitic schist-psamitic schist alternation. Graphite. ∠45'. Silicified. Fine pyrite and marcasite disseminated. Calcareous fossils. Partly silty. Partly quartz-carbonate veinlets.	Py	Chlorite													
310																		
315																		
320																		
325																		
330																		
335																		
340																		
345																		
350			344.1m-344.7m, pyrite disseminated layer. 1cm-2cm thick. ∠45'	Sp,Cp														
355																		
360			356.60m, quartz-sphalerite-pyrite veinlet. 358.85m, sphalerite-chalcopyrite-pyrite disseminated.	Sp,Cp														
365																		
370																		
375																		
380			375.90m-377.20m, sbered. Carbonate network.															
385		Sand stone -Psamitic schist	384.10-, Sand stone (Psamitic schist). Silicified. carbonate-quartz network with sphalerite. Graphite. Fractured. Pyrite disseminated. 384.85m-385.10m, quartz-carbonate-sphalerite-pyrite network. 386.70m-386.85m, sphalerite-pyrite disseminated. 387.00m-389.85m, sphalerite-pyrite network. Silicified. 390.40m, 390.45m, 392.00m, sphalerite-quartz veinlets ∠45'	Sili Chlorite		2	385.10	385.20	10	0.001	0.65	0.037	0.052	7.630	23.200	5.780		
390						3	386.15	386.45	30	0.001	0.75	0.131	0.363	1.060	23.900	7.270		
395						4	386.6	386.8	20	0.001	1.45	0.075	2.18	7.81	44.4	9.06		
400						5	387.5	387.75	25	0.001	< 0.01	0.003	0.004	0.62	34.1	1.14		
						6	387.75	387.95	20	0.002	0.01	0.01	0.038	0.32	12.9	1.75		
						7	392.05	392.2	15	0.001	0.04	0.018	0.125	6.67	20.5	3.27		
						8	392.75	392.85	10	0.004	0.01	0.018	0.004	6.52	8.91	3.1		
						9	395.7	395.9	20	< 1	0.04	0.014	0.282	7.43	11.4	5.58		
						10	396.8	397.1	30	0.001	0.03	0.017	0.004	6.08	18.5	3.59		
						11	397.1	397.35	25	< 1	1.25	0.05	1.28	43.3	26.8	23.2		

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS								
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)		
405		Sand stone	Fine Sand stone (-Psamitic schist) Silicified. Chlorite. Pyrite disseminated. Graphite. 404.10m-404.70m, Sphalerite-quartz network. 408.55m-408.75m, medium-coarse sandstone. $\angle 70^\circ$?	Py Sp	Sili Ch													
410			410.90m-412.00m, laminated. $\angle 75^\circ$. 412.90m, Quartz(-Galena-Pyrite) vein intrudes Chlorite vein. 413.80m-415.10m, Sheared.	Sp		12	412.9	413.15	25 < 1	< 0.01	0.011	0.023	0.128	19.2	0.295			
415			415.1m, Sphalerite-quartz veinlet $\angle 70^\circ$. Reverse Fault like.	Sp		13	415.5	415.8	30 < 1	1.65	0.053	0.655	21.2	21.9	10.3			
420																		
425			426.40-, partly sphalerite-quartz veinlets.			14	426.4	426.65	25	0.004	1.95	0.037	1.47	5.09	30.4	4.01		
430			427m, lamina (by graphite) $\angle 65^\circ$. Quartz-K.feldspar network.															
435			431.9m, lamina (by graphite) $\angle 65^\circ$.															
440																		
445			440.0m-440.3m, lamina (by graphite) \angle 65'.			15	443.9	444.1	20 < 1	0.3	0.008	0.005	0.679	15.4	0.52			
450			446.45m, lamina (by graphite) $\angle 60^\circ$.															
455			Graphite decreases. Silicified stronger.		Ba													
460			455.00m, Hematite?-Barite veinlet, \angle 20'.		Sp	Ch												
465							16	465.65	465.8	15	0.003	0.1	0.01	0.171	0.033	14.3	0.973	
470			463.40m, Quartz-chlorite-Sphalerite veinlet. $\angle 65^\circ$. 465.70m, Quartz network with sphalerite in chlorite zone.															
475					Ba Sp													
480			475.7m-, Quartz-Barite veinlet. width < 3cm. -477.2m, Quartz network, with sp. and py.		Sp													
485			479.0m-480.1m, Quartz-network with sphalerite and pyrite. Chloritised strongly. partly Py-Sp-Q veinlets (-481.7m)		Sp													
490		482.0m, Sp-Q network																
495		485.2m-485.5m, Quartz-Chlorite netwo 489.6m, Quartz(-sphalerite) network. ch		Sili Ch		17	492.75	492.9	15	0.001	0.2	0.004	0.014	0.058	15.4	2.06		
500																		

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE			CHEMICAL ANALYSIS									
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)		
505		Sand stone	Fine sand stone. Graphite (rare). Silicified. Chlorite. Pyrite. 501.7m-502.8m, Quartz(-carbonate) network. 503.0m-503.45m, Coarse Sand stone, $\angle 55^\circ$	Py	Sili Ch													
510			515.20m, lamina by graphite $\angle 65^\circ$ Fine alkose sand stone. Fine, partly medium - coarse.															
515			520.3m, Calcareous sandstone layer. $\angle 55^\circ$. Small sulfide grains. weakly magnetic.															
520			520.9m, coarse gentle sand dyke. Weakly magnetic.															
525			522.5m, Barite-Quartz network. Width < 9mm.															
530			525.0m, Sphalerite-pyrite-quartz veinlet $\angle 75^\circ$.	Ba														
535			529.3m-529.5m, Barite(-Carbonate) veinlets, with Galena $\angle 60^\circ$.	Sp,Py														
540			533.8m-534.0m, Sbered.															
545			535.9m, Carbonate (Chlorite) network.															
550			536.1m, Sphalerite-pyrite-quartz(-carbonate) veinlets, $\angle 30^\circ$.	Ba,Sp														
555			536.85m, Graphite $\angle 65^\circ$.															
560			537.35m, Sphalerite-Barite-Quartz veinlet, $\angle 50^\circ$.															
565			537.65m, Sphalerite(-Galena)-Barite-Quartz veinlet, $\angle 65^\circ$, W=3mm.	Sp,Py														
570			537.8m, Sphalerite-Quartz-Barite veinlet, $\angle 50^\circ$.	Sp,Ba			18	537.35	537.45	10	< 1	0.85	0.009	0.088	2.28	14.4	1.55	
575			538.04m, 538.1m, 538.23m, 538.39m, (Py)-Sphalerite-Galena-Barite(-) Quartz veinlets.	Sp,Gn,Ba	Sili Ch		19	540	540.2	20	< 1	1.55	0.014	0.162	3.9	5.94	2.38	
580			539.10m-541.6m, Strongly silicified and fractured.	Sp,Gn,Ba														
585			540.4m, Sphalerite Barite-Quartz veinlets-network.	Ba			20	546.35	546.6	25	0.003	6.3	0.068	4.42	18.1	32.6	13.8	
590			540.7m, Sheared and argillized.															
595			541.1m-541.2m, Barite-Quartz(-Galena)															
600			541.8m-, Several Quartz-Barite(-Galena)															
		546.1m-546.3m, Barite vein, w:3cm, $\angle 60^\circ$	Ba															
		548.1-2m, 548.3-6m, Graphite schist layer	Ba,Sp															
		550.1m-550.9m, Barite network.																
		551.8m-552.1m, Graphite dominant.																
		552.1m-552.55m, Sbered.																
		552.8m, Barite vein, Sphalerite in edges with Barite-Chlorite(-Sphalerite) network	Ba,Sp															
		554.1m-, Pelitic schist, graphite rich.																
		558.4m, Barite(-Carbonate-Quartz) network	Ba															
		561.1m, Pyrrhotite dissemination.	Po															
		561.3m-561.4m, Barite-Carbonate network																
		Pelitic schist, with graphite.	Ba			21	566.15	566.35	20	0.001	1.1	0.083	0.278	0.019	102	27.5		
		566.0m, barite-carbonate vein, width 2cm, with barite-quartz network, sphalerite	Ba,Sp,Gn															
		566.2m, pyrrhotite and pyrite dissemination $\angle 50^\circ$ concordant?																
		568.6m, barite veinlet. With calcopyrite.																
		568.75, (sphalerite-galena-barite?) quartz in pelitic schist. Massive, with graphite.																
		584.35m, barite vein. Width 8mm $\angle 60^\circ$																
		587.05m, 587.10m, pyrrhotite, lense, 13mm																
		587.30m, barite network, width: 7mm, 45																
		589.20m, pyrite lens, intruded by barite-sphalerite	Ba															
		589.25m, barite network.																
		589.6m-589.8m, sphalerite-galena-barite	Po															
		590.80m-, lamina (45), pyrrhotite lens 4cm																
		Lamina $\angle 40^\circ - \angle 65^\circ$.	Ba,Sp,Gn															
		592.70m, stopped to drill (Jan.28).	Po															

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS									
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)			
5	○ ○ ○ ○ ○	Cenozoic sediment.	Cenozoic sediment. Conglomerate		Lim.														
10	○ ○ ○ ○ ○																		
15	○ ○ ○ ○ ○																		
20	○ ○ ○ ○ ○																		
25	○ ○ ○ ○ ○																		
30	○ ○ ○ ○ ○																		
35	○ ○ ○ ○ ○																		
40	○ ○ ○ ○ ○																		
45	○ ○ ○ ○ ○																		
50	○ ○ ○ ○ ○																		
55	○ ○ ○ ○ ○																		
60	○ ○ ○ ○ ○																		
65	○ ○ ○ ○ ○																		
70	○ ○ ○ ○ ○																		
75	○ ○ ○ ○ ○																		
80	○ ○ ○ ○ ○																		
85	# #			Gabbro	83.0m-, Gabbro. Black - dark gray. Massive. Partly magnetic. Carbonate veinlets-network, partly with chlorite. 86.6m, fracture with pyrite \angle 30°. Carbonate veinlets. 96.20m-, Carbonate veinlets - network	Pyrite	Chlorite												
	# #																		
90	# #																		
	# #																		
95	# #																		
	# #																		
100	# #																		

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE			CHEMICAL ANALYSIS															
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)								
	# #	Gabbro	Gabbro, dark gray, massive, magnetic. Plagio:2mm. Pyroxene->Chlorite. Massive, homogeneous, magnetic. Carbonate veinlets - network dominant. 104.60-85m fractured zone with carbonate network.	Pyrite	Chlorite																			
105	# #																							
110	# #																							
115	# #						116.85m $\angle 15^\circ$ carbonate veinlet.																	
120	# #						121.65-122.10m, Fractured with carbonate. 124.00-124.80m, $\angle 70^\circ$ carbonate veinlet. 125.20m, $\angle 65^\circ$ carbonate-chlorite vein, 3mm width.																	
125	# #																							
130	# #						133.45m, $\angle 75^\circ$ carbonate-chlorite- limonite veinlet, 7mm width. Carbonate veinlets dominant.																	
135	# #						137.5-137.9m Carbonate-chlorite network. partly sheared.																	
140	# #						141.20m, carbonate-chlorite network.																	
145	# #						145.00m, 145.08m, carbonate-chlorite veinlets, 3mm width.																	
150	# #						150.90m, $\angle 30^\circ$ carbonate-chlorite vein 3mm.																	
155	# #						162.80m, $\angle 35^\circ$ carbonate vein 4mm																	
160	# #						169.30m, 170.95 carbonate veins 1mm width																	
165	# #																							
170	# #						183.7m, 183.8m carbonate-chlorite veinlets																	
175	# #						186.1m $\angle 70^\circ$ carbonate veinlet 6mm width																	
180	# #																							
185	# #						191.80m, $\angle 70^\circ$ carbonate-chlorite vein 1mm																	
190	# #						196.2m, Chlorite network																	
195	# #																							
200	# #																							

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS							
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	
205	# #	Gabbro	Gabbro. Grey-d-grey, massive, homogeneous, magnetic. Partly carbonate network, pyrite dissemination. 201.0m-202.3m, fractured. Carbonate-limonite network. 203.35m, 206.60m, chlorite-carbonate veinlets.	Pyrite	Chlorite												
210	# #																
215	# #																
220	# #					215.25m, 217.90m, 221.95m, carbonate veinlets.											
225	# #					Micro-Gabbro	219.2m-, Micro-gabbro. crystal size finer. Non-magnetic. Silicified 220.85m-221.05m, fractured.	Silicified									
230	# #					222.90m, carbonate veinlet.											
235	# #					227.70m-232.00m, Brecciated, partly flow structure.	Pyrrhotite										
240	# #					229.40m, Pyrrhotite+Chalcopyrite film. 230.60m-240.00m, flow structure. $\angle 30^{\circ}$ - 50° silicified.											
245	# #					233.50m-235.00m, Fractured, carbonate network. Partly flow st.											
250	# #					236.30m-239.00m, Brecciated.											
255	# #	242.10m, Brecciated, $\delta=21$ cm															
260	# #	248.49m-250.10m, Fractured. 251.70m. $\angle 40^{\circ}$, Carbonate vein 2mm wid.															
265	# #	253.20m, stopped to drill.															
270																	
275																	
280																	
285																	
290																	
295																	
300																	

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS									
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)			
105	○ ○ ○ ○	Cenozoic sediment Conglomerate			Lim.														
110	○ ○ ○ ○																		
115	○ ○ ○ ○																		
120	○ ○ ○ ○																		
125	○ ○ ○ ○																		
130	○ ○ ○ ○																		
135	○ ○ ○ ○																		
140	○ ○ ○ ○																		
145	○ ○ ○ ○																		
150	○ ○ ○ ○																		
155	○ ○ ○ ○																		
160	○ ○ ○ ○																		
165	○ ○ ○ ○																		
170	■		Pelitic Schist	167.0m, Pelitic schist (Paleozoic).															
175	■			175.10m, Pyrite — Sphalerite — carbonate veinlets along schistsity (45°). width: 3mm.															
175	■			175.40m, Glens — Sphalerite — Pyrite — carbonate irregular veinlet. width: <4mm	Py, Sp, Gn		1	175.45	175.6	15	0.003	0.5	0.033	0.029	0.694	36.1	2.31		
180	■	176.20m, Pyrite veinlet along schistsity (35°) with carbonate veinlets. Pelitic schist. schistsity 40-45°. With Pyrite disseminated and carbonate veinlet.																	
185	■	Black-d-gray pelitic schist																	
190	■	191.45m, 193.90m, pyrite vein 2cm ∠ 45°, non-magnetic.																	
190	■	195.4m, Fracture (40° width: 6cm) filled by Pyrite and clay. With fracture zone, Pyrite-disseminated. Graphite dominant.		Py															
195	■	197.0m-198.2m, Psamitic schist. bedded (45°). Pyrite disseminated. Graphite dominant.		Py															
195	■	198.2m, Pelitic schist. bedded (45°). Graphite dominant.																	
200	■	199.95m, Partly carbonate network.																	

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS						
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)
205		Pelitic Schist	Pelitic schist. bedded(45°).Graphite dominant. Pyrite disseminated along schistsity.													
210																
215			211m, psamitic lamination. With silty psamitic lamina.45°-50°. Black- d gray Pelitic schist ∠45° lamina (partly psamitic) pyrite disseminated. Graphite dominant.													
220			213.50m,pyrite disseminated lens, width<20mm. 217.1m-221.5m, partly sandy-silty lamina ∠45-50°. graphite													
225			221.5-, graphite dominant. Fragile.													
230																
235																
240																
245																
250																
255			254.60m, quartz vein porous, 70°, width>20mm. Black pelitic schist. Partly Quartz-dolomite? Network and pyrite disseminated along scistsity.													
260			259.90m-, very fragile. graphite dominant. Schistsity 40°->30°. Black Pelitic schist, graphite.													
265																
270			269.40-270.00m, 40°, Fault? brecciated. Fractured in the upper zone. 270.25m,quartz vein 25° width:70mm. 270.30m-, 25°, psamitic schist. With ∠ 20 - 30° laminated. With quartz network.													
275			274.5m-, Pelitic schist. 275m, silty - pelitic schist with graphite. Partly lamina ∠ 40°, pyrite disseminated. Hard and fragile. With graphite, sheared, pyrite-disseminated, carbonate dominant.													
280																
285			285m, psamitic - silty - pelitic - schist. With graphite, fragile.													
290																
295																
300																

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS								
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)		
305	[Hatched Column]	Psamitic schist Pelitic Schist	301.20m-Pelitic schist., Graphite dominant 302.15m, $\angle 40^\circ$ quartz vein 3cm. chlorite imp. With quartz network. 302.25m-, $\angle 45^\circ$, psamitic schist, Chlorite, silicified, pyrite (very fine). Partly pelitic schist thin layers. 305.1m-, pelitic schist-psamitic schist alternation. Graphite. $\angle 45^\circ$. Silicified. Fine pyrite and marcasite disseminated. Calcareous fossils. Partly silty. Partly quartz-carbonate veinlets.	Py	Chlorite													
310																		
315																		
320																		
325																		
330																		
335																		
340																		
345																		
350																		
355																		
360			344.1m-344.7m, pyrite disseminated layer. 1cm-2cm thick. $\angle 45^\circ$	Sp, Cp														
365																		
370																		
375																		
380			356.60m, quartz-sphalerite-pyrite veinlet. 358.85m, sphalerite-chalcopyrite-pyrite disseminated.	Sp, Cp														
385																		
390																		
395																		
400																		
385	[Hatched Column]	Sand stone -Psamitic schist	375.90m-377.20m, shered. Carbonate network. 384.10-, Sand stone (Psamitic schist). Silicified. carbonate-quartz network with sphalerite. Graphite. Fractured. Pyrite disseminated. 384.85m-385.10m, quartz-carbonate-sphalerite-pyrite network. 386.70m-386.85m, sphalerite-pyrite disseminated. 387.00m-389.85m, sphalerite-pyrite network. Silicified. 390.40m, 390.45m, 392.00m, sphalerite-quartz veinlets $\angle 45^\circ$ 392.00m-393.00m, sphalerite-quartz 6		Sili Chlorite	2	385.10	385.20	10	0.001	0.65	0.037	0.052	7.630	23.200	5.780		
						3	386.15	386.45	30	0.001	0.75	0.131	0.363	1.060	23.900	7.270		
						4	386.6	386.8	20	0.001	1.45	0.075	2.18	7.81	44.4	9.06		
						5	387.5	387.75	25	0.001	< 0.01	0.003	0.004	0.62	34.1	1.14		
						6	387.75	387.95	20	0.002	0.01	0.01	0.038	0.32	12.9	1.75		
						7	392.05	392.2	15	0.001	0.04	0.018	0.125	6.67	20.5	3.27		
						8	392.75	392.85	10	0.004	0.01	0.018	0.004	6.52	8.91	3.1		
						9	395.7	395.9	20	< 1	0.04	0.014	0.282	7.43	11.4	5.58		
						10	396.8	397.1	30	0.001	0.03	0.017	0.004	6.08	18.5	3.59		
						11	397.1	397.35	25	< 1	1.25	0.05	1.28	43.3	26.8	23.2		

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS							
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)	
405		Sand stone	Fine Sand stone (-Psamitic schist) Silicified. Chlorite. Pyrite disseminated. Graphite. 404.10m-404.70m, Sphalerite-quartz network. 408.55m-408.75m, medium-coarse sandstone. $\angle 70^\circ$? 410.90m-412.00m, laminated. $\angle 75^\circ$. 412.90m, Quartz(-Galena-Pyrite) vein intrudes Chlorite vein. 413.80m-415.10m, Sheared.	Py Sp	Sili Ch												
410				Sp													
415			415.1m, Sphalerite-quartz veinlet $\angle 70^\circ$, Reverse Fault like.	Sp		12	412.9	413.15	25	< 1	< 0.01	0.011	0.023	0.128	19.2	0.295	
420																	
425			426.40-, partly sphalerite-quartz veinlets.			14	426.4	426.65	25	0.004	1.95	0.037	1.47	5.09	30.4	4.01	
430			427m, lamina (by graphite) $\angle 65^\circ$. Quartz-K.feldspar network.														
435			431.9m, lamina (by graphite) $\angle 65^\circ$.														
440																	
445			440.0m-440.3m, lamina (by graphite) \angle 65° .			15	443.9	444.1	20	< 1	0.3	0.008	0.005	0.679	15.4	0.52	
450			446.45m, lamina (by graphite) $\angle 60^\circ$.														
455			↓ Graphite decreases. Silicified stronger.														
460			455.00m, Hematite?-Barite veinlet, \angle 20° .	Ba													
465				Sp	Ch												
470			463.40m, Quartz-chlorite-Sphalerite veinlet. $\angle 65^\circ$. 465.70m, Quartz network with sphalerite in chlorite zone.			16	465.65	465.8	15	0.003	0.1	0.01	0.171	0.033	14.3	0.973	
475				Ba													
480			475.7m-, Quartz-Barite veinlet. width<3cm. -477.2m, Quartz network, with sp. and py.	Sp													
485			479.0m-480.1m, Quartz-network with sphalerite and pyrite. Chloritesated strongly. partly Py-Sp-Q veinlets (-481.7m)	Sp													
490			482.0m, Sp-Q network	Sp													
495			485.2m-485.5m, Quartz-Chlorite networ 489.6m, Quartz(-sphalerite) network. ch		Sili Ch	17	492.75	492.9	15	0.001	0.2	0.004	0.014	0.058	15.4	2.06	
500			492.3m-493.2m, Fractured and hydrothe porous. quartz cristals.														

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS								
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)		
505		Sand stone	Fine sand stone. Graphite (rare). Silicified, Chlorite. Pyrite. 501.7m-502.8m, Quartz(-carbonate) network. 503.0m-503.45m, Coarse Sand stone, $\angle 55^\circ$	Py	Sili Ch													
510			515.20m, lamina by graphite $\angle 65^\circ$ Fine alkose sand stone. Fine, partly medium - coarse.															
515			520.3m, Calcareous sandstone layer. $\angle 55^\circ$. Small sulfide grains. weakly magnetic. 520.9m, coarse gentle sand dyke. Weakly magnetic.															
520			522.5m, Barite-Quartz network. Width < 9mm. 525.0m, Sphalerite-pyrite-quartz veinlet. $\angle 75^\circ$.	Ba														
525			529.3m-529.5m, Barite(-Carbonate) veinlets, with Galena. $\angle 60^\circ$. 533.8m-534.0m, Shered.	Sp, Py														
530			535.9m, Carbonate (Chlorite) network. 536.1m, Sphalerite-pyrite-quartz(-carbonate) veinlets, $\angle 30^\circ$. 536.85m, Graphite $\angle 65^\circ$. 537.35m, Sphalerite-Barite-Quartz veinlet, $\angle 50^\circ$.	Ba, Sp														
535			537.65m, Sphalerite(-Galena)-Barite-Quartz veinlet, $\angle 65^\circ$, W=3mm. 537.8m, Sphalerite-Quartz-Barite veinlet, $\angle 50^\circ$.	Sp, Py Sp, Ba			18	537.35	537.45	10	< 1	0.85	0.009	0.088	2.26	14.4	1.55	
540			538.04m, 538.1m, 538.23m, 538.39m, (Py-Sphalerite-Galena-Barite-) Quartz veinlets. 539.10m-541.6m, Strongly silicified and fractured. 540.4m, Sphalerite Barite-Quartz veinlets-network.	Sp, Gn, Ba Sp, Gn, Ba	Sili Ch		19	540	540.2	20	< 1	1.55	0.014	0.162	3.9	5.94	2.38	
545			540.7m, Sheared and argillized. 541.1m-541.2m, Barite-Quartz(-Galena)	Ba			20	546.35	546.6	25	0.003	6.3	0.068	4.42	18.1	32.6	13.8	
550			541.8m-, Several Quartz-Barite(-Galena) 546.1m-546.3m, Barite vein. w:3cm, $\angle 6^\circ$ 548.1-2m, 548.3-6m, Graphite schist layer. 550.1m-550.9m, Barite network. 551.8m-552.1m, Graphite dominant. 552.1m-552.55m, Shered.	Ba Ba, Sp														
555			552.8m, Barite vein, Sphalerite in edges. with Barite-Chlorite(-Sphalerite) network															
560			554.1m-, Pelitic schist. graphite rich. 558.4m, Barite(-Carbonate-Quartz) netw	Ba, Sp														
565			561.1m, Pyrrhotite dissemination. 561.3m-561.4m, Barite-Carbonate netw	Ba Po														
570			Pelitic schist, with graphite. 566.0m, barite-carbonate vein. width 2cm, with barite-quartz network. sphale	Ba			21	566.15	566.35	20	0.001	1.1	0.083	0.278	0.019	102	27.5	
575			566.2m, pyrrhotite and pyrite disseminat $\angle 50^\circ$ concordant?. 568.6m, barite veinlet. With calcopyrite. 568.75, (sphalerite-galena-barite?) quart in pelitic schist. Massive, with graphite.	Ba, Sp, Gn														
580			584.35m, barite vein. Width: 8mm. $\angle 60^\circ$. 587.05m, 587.10m, pyrrhotite, lense. 13mm. 587.30m, barite network. width: 7mm. 45° 589.20m, pyrite lens, intruded by barite-s 589.25m, barite network.															
585			589.6m-589.8m, sphalerite-galena-barite- 590.80m-, lamina (45°). pyrrhotite lens 40 Lamina. $\angle 40^\circ - \angle 65^\circ$. 592.70m, stopped to drill (Jan.28).	Ba Po Ba, Sp, Gn Po														
590																		
595																		
600																		

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS										
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)				
5	○ ○ ○ ○	Cenozoic sediment.	Cenozoic sediment. Conglomerate		Lim.															
10	○ ○ ○ ○																			
15	○ ○ ○ ○																			
20	○ ○ ○ ○																			
25	○ ○ ○ ○																			
30	○ ○ ○ ○																			
35	○ ○ ○ ○																			
40	○ ○ ○ ○																			
45	○ ○ ○ ○																			
50	○ ○ ○ ○																			
55	○ ○ ○ ○																			
60	○ ○ ○ ○																			
65	○ ○ ○ ○																			
70	○ ○ ○ ○																			
75	○ ○ ○ ○																			
80	○ ○ ○ ○																			
85	# #			Gabbro	83.0m, Gabbro. Black - dark gray. Massive. Partly magnetic. Carbonate veinlets-network, partly with chlorite.	Pyrite	Chlorite													
90	# #				86.6m, fracture with pyrite $\angle 30^\circ$. Carbonate veinlets.															
95	# #				96.20m, Carbonate veinlets - network															
100	# #																			

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS										
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)				
	# #	Gabbro	Gabbro, dark gray, massive, magnetic. Plagio:2mm. Pyroxene->Chlorite.	Pyrite	Chlorite															
105	# #		Massive, homogeneous, magnetic. Carbonate veinlets - network dominant.																	
110	# #		104.60-85m fractured zone with carbonate network.																	
115	# #		116.85m / 15° carbonate veinlet.																	
120	# #		121.65-122.10m, Fractured with carbonate.																	
125	# #		124.00-124.80m, / 70° carbonate veinlet.																	
130	# #		125.20m, / 65° carbonate-chlorite vein, 3mm width.																	
135	# #		133.45m, / 75° carbonate-chlorite-limonite veinlet, 7mm width.																	
140	# #		Carbonate veinlets dominant.																	
145	# #		137.5-137.9m Carbonate-chlorite network. partly sheared.																	
150	# #		141.20m, carbonate-chlorite network.																	
155	# #		145.00m, 145.08m, carbonate-chlorite veinlets, 3mm width.																	
160	# #		150.90m, / 30° carbonate-chlorite vein 3mm.																	
165	# #		162.80m, / 35° carbonate vein 4mm																	
170	# #		169.30m, 170.95 carbonate veins 1mm width																	
175	# #		183.7m, 183.8m carbonate-chlorite veinlets																	
180	# #		186.1m / 70° carbonate veinlet 6mm width																	
185	# #		191.80m, / 70° carbonate-chlorite vein 1mm																	
190	# #		196.2m, Chlorite network																	
195	# #																			
200	# #																			

Geological columnar figures

DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	SAMPLE				CHEMICAL ANALYSIS						
						No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)
205	# #	Gabbro	Gabbro. Grey-d-grey, massive, homogeneous, magnetic.	Pyrite	Chlorite											
	# #		Partly carbonate network, pyrite dissemination.													
	# #		201.0m-202.3m, fractured. Carbonate-limonite network.													
	# #		203.35m,206.60m, chlorite-carbonate veinlets.													
210	# #															
	# #															
	# #															
215	# #															
	# #		215.25m,217.90m,221.95m, carbonate veinlets.													
	# #															
220	# #	Micro-Gabbro	219.2m, Micro-gabbro. crystal size finer. Non-magnetic. Silicified		Silicified											
	# #		220.85m-221.05m, fractured.													
225	# #		222.90m, carbonate veinlet.													
	# #															
230	# #		227.70m-232.00m, Brecciated, partly flow structure.	Pyrrhotite												
	# #		229.40m, Pyrrhotite+Chalcopyrite film.													
	# #		230.60m-240.00m,flow structure $\angle 30^\circ - 50^\circ$. silicified.													
	# #															
235	# #		233.50m-235.00m, Fractured, carbonate network. Partly flow st.													
	# #															
240	# #		236.30m-239.00m, Brecciated.													
	# #															
245	# #		242.10m, Brecciated, $\phi=21$ cm													
	# #															
250	# #		248.49m-250.10m, Fractured.													
	# #		251.70m. $\angle 40^\circ$, Carbonate vein 2mm wid.													
	# #		253.20m, stopped to drill.													
255																
260																
265																
270																
275																
280																
285																
290																
295																
300																

Geological columnar figures