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Figure and Table

Figures

Fig. 1 Location map of the project area in Morocco	
Fig. 2 Location map of the survey area in Marrakech-Tekna area	
Fig. I-1-1 Residual magnetic intensity and IP survey line	• 5
Fig. I-1-2 Apparent conductivity and IP survey line	• 7
Fig. I-3-1 Existing geological map of the project area in Morocco	
Fig. I-3-2 Geological stratigraphic columnar section of the project area in Morocco	21
Fig. I-3-3 Geological section of the project area in Morrocco	23
Fig. I-4-1 Regional structure and distribution of ore deposits	25
Fig. I-5-1 Geological and mineralization model of MJTK-IP-1	29
Fig. I-5-2 Concepts of MJTK-1 and MJTK-2 ·····	30
Fig. II-2-1-1 Survey location map of the Marrakech-Tekna area	37
Fig. II-2-1-2 Outline map of survey line ······	39
Fig. II-2-1-3 Concept of operation ······	42
Fig. II-2-1-4 Concept of the method of measurement · · · · · · · · · · · · · · · · · · ·	42
Fig. II-2-1-5 Section of apparent resistivity (MJTK-IP-1) ·····	47
Fig. II-2-1-6 Section of apparent chargeability (MJTK-IP-1)	49
Fig. II-2-1-7 Section of metal factor (MJTK-IP-1) ·····	51
Fig. II-2-1-8 Plane map of apparent resistivity (MJTK-IP-1) ······	53
Fig. II-2-1-9 Plane map of apparent chargeability (MJTK-IP-1) ·····	55
Fig. II-2-1-10 Plane map of metal factor (MJTK-IP-1)·····	57
Fig. II-2-1-11 Section of apparent resistivity (MJTK-IP-2) ·····	59
Fig. II-2-1-12 Section of apparent chargeability (MJTK-IP-2) ······	61
Fig. II-2-1-13 Section of metal factor (MJTK-IP-2) ·····	63
Fig. II-2-1-14 Plane map of apparent resistivity (MJTK-IP-2) ·····	65
Fig. II-2-1-15 Plane map of apparent chargeability (MJTK-IP-2) ·····	67
Fig. II-2-1-16 Plane map of metal factor (MJTK-IP-2)	69
Fig. II-2-1-17 Section of apparent resistivity (MJTK-IP-3) ·····	71
Fig. II-2-1-18 Section of apparent chargeability (MJTK-IP-3) ·····	73
Fig. II-2-1-19 Section of metal factor (MJTK-IP-3) ·····	75
Fig. II-2-1-20 Plane map of apparent resistivity (MJTK-IP-3) ·····	77
Fig. II-2-1-21 Plane map of apparent chargeability (MJTK-IP-3) ·····	79
Fig. II-2-1-22 Plane map of metal factor (MJTK-IP-3)	81
Fig. II-2-1-23 Section of apparent resistivity and chargeability and metal factor (MJTK-IP-4).	83
Fig. II-2-1-24 Section of apparent resistivity and chargeability and metal factor (MJTK-IP-5).	85
Fig. II-2-1-25 Section of apparent resistivity (MJTK-IP-6) ·····	87

Fig. II-2-1-26	Section of apparent chargeability (MJTK-IP-6) · · · · · · · · · · · 89
Fig. II-2-1-27	Section of metal factor (MJTK-IP-6) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-28	Plane map of apparent resistivity (MJTK-IP-6) · · · · · · · · · · · · · · · · · 93
Fig. II-2-1-29	Plane map of apparent chargeability (MJTK-IP-6)
Fig. II-2-1-30	Plane map of metal factor (MJTK-IP-6) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-31	Section of apparent resistivity (MJTK-IP-7) ····· 99
Fig. II-2-1-32	Section of apparent chargeability (MJTK-IP-7) · · · · · · · · · · · · · · · · · 101
Fig. II-2-1-33	Section of metal factor (MJTK-IP-7) · · · · · · · · · · · · · · · · · 103
Fig. II-2-1-34	Plane map of apparent resistivity (MJTK-IP-7) · · · · · · · · · · · 105
Fig. II-2-1-35	Plane map of apparent chargeability (MJTK-IP-7) · · · · · · · · · · · · 107
Fig. II-2-1-36	Plane map of metal factor (MJTK-IP-7) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-37	Section of apparent resistivity and chargeability and
	metal factor (MJTK-IP-8) · · · · · · · 111
Fig. II-2-1-38	2D Analysis section of resistivity (MJTK-IP-1) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-39	2D Analysis section of chargeability (MJTK-IP-1) ····· 121
Fig. II-2-1-40	2D Analysis section of metal factor (MJTK-IP-1) · · · · · · · · · · · · 123
Fig. II-2-1-41	2D Analysis plane map of resistivity (MJTK-IP-1) · · · · · · · · 125
Fig. II-2-1-42	2D Analysis plane map of chargeability (MJTK-IP-1) ····· 127
Fig. II-2-1-43	2D Analysis plane map of metal factor (MJTK-IP-1) ····· 129
Fig. II-2-1-44	2D Analysis section of resistivity (MJTK-IP-2) 131
Fig. II-2-1-45	2D Analysis section of chargeability (MJTK-IP-2) · · · · · · · · 133
Fig. II-2-1-46	2D Analysis section of metal factor (MJTK-IP-2) · · · · · · · · · 135
Fig. II-2-1-47	2D Analysis plane map of resistivity (MJTK-IP-2) · · · · · · · · · · · 137
Fig. II-2-1-48	2D Analysis plane map of chargeability (MJTK-IP-2) ····· 139
Fig. II-2-1-49	2D Analysis plane map of metal Factor (MJTK-IP-2) · · · · · · · · · · 141
Fig. II-2-1-50	2D Analysis section of resistivity (MJTK-IP-3) · · · · · · · · · · · · 143
Fig. II-2-1-51	2D Analysis section of chargeability (MJTK-IP-3) · · · · · · · · · · · · 145
Fig. II-2-1-52	2D Analysis section of metal factor (MJTK-IP-3) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-53	2D Analysis plane map of resistivity (MJTK-IP-3) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-54	2D Analysis plane map of chargeability (MJTK-IP-3) 151
Fig. II-2-1-55	2D Analysis plane map of metal factor (MJTK-IP-3) 153
Fig. II-2-1-56	2D Analysis section of resistivity and chargeability and
	metal factor (MJTK-IP-4) · · · · · · 155
Fig. II-2-1-57	2D Analysis section of resistivity and chargeability and
	metal factor (MJTK-IP-5) · · · · · · 157
Fig. II-2-1-58	2D Analysis section of resistivity (MJTK-IP-6) 159

Fig. II-2-1-59	2D Analysis section of chargeability (MJTK-IP-6) · · · · · · · 161
Fig. II-2-1-60	2D Analysis section of metal factor (MJTK-IP-6) · · · · · · · · 163
Fig. II-2-1-61	2D Analysis plane map of resistivity (MJTK-IP-6) · · · · · · · · 165
Fig. II-2-1-62	2D Analysis plane map of chargeability (MJTK-IP-6) 167
Fig. II-2-1-63	2D Analysis plane map of metal factor (MJTK-IP-6) ····· 169
Fig. II-2-1-64	
Fig. II-2-1-65	2D Analysis section of chargeability (MJTK-IP-7) · · · · · · · · · · · · · · · · · · ·
Fig. II-2-1-66	2D Analysis section of metal factor (MJTK-IP-7) · · · · · · · · · · · · 175
Fig. II-2-1-67	2D Analysis plane map of resistivity (MJTK-IP-7) · · · · · · · · · · · · 177
Fig. II-2-1-68	2D Analysis plane map of chargeability (MJTK-IP-7) ····· 179
Fig. II-2-1-69	2D Analysis plane map of metal factor (MJTK-IP-7) ····· 181
Fig. II-2-1-70	2D Analysis section of resistivity and chargeability and
	metal factor (MJTK-IP-8) · · · · · 183
Fig. II-2-1-71	Relation between resistivity and chargeability for different types of rock ····· 189
Fig. II-2-2-1	Observed points of TEM method at MJTK-IP-1 area 197
Fig. II-2-2-2	Observed points of TEM method at MJTK-IP-6 area 198
Fig. II-2-2-3	Observed points of TEM method at MJTK-IP-7 area 198
Fig. II-2-2-4	Schematic diagram of TEM method by using central loop configuration 199
Fig. II-2-2-5	Typical transient curves in the MJTK-IP-1 area
Fig. II-2-2-6	Schematic diagram of ionic movement in a volume of polarizable rock
	beneath a TEM transmitter loop · · · · · 204
Fig. II-2-2-7	Resistivity structure cross sections at MJTK-IP-1 area
Fig. II-2-2-8	Resistivity structure cross sections along the N-S direction line
	at MJTK-IP-1 area ····· 207
Fig. II-2-2-9	Resistivity structure cross section along the E-W direction line
	MJTK-IP-6c at MJTK-IP-6 area ······211
Fig. II-2-2-10	Resistivity structure cross sections at MJTK-IP-7 area
Fig. II-2-2-11	Resistivity distribution at level 500m · · · · · · 217
Fig. II-2-2-12	Resistivity distribution at level 450m · · · · · · · · · · · · · · · · · · ·
Fig. II-2-2-13	Resistivity distribution at level 400m · · · · · · · · · · · · · · · · · ·
Fig. II-2-2-14	Resistivity distribution at level 350m · · · · · · · · · · · · · · · · · · ·
Fig. II-2-3-1	Plane map of Gravity by BRPM · · · · · · · 231
Fig. II-2-3-2	Plane map of Ground MAG by BRPM 231
Fig. II-2-3-3	Plane map of Gravity and Ground MAG by BRPM 231
Fig. II-2-3-4	Plane map of IP-Effect in MJTK-IP-1 (TEM Gate 41-50) ····· 233
Fig. II-2-3-5	Plane map of IP-Effect in MJTK-IP-1 (TEM Gate 51-60) ····· 235

Fig. II-2-3-6	Compiled map in MJTK-IP-1(Depth 147m) ····· 237
Fig. II-2-3-7	Compiled map in MJTK-IP-1(Depth 190m) · · · · · · · · · · · · · · · · · 239
Fig. II-2-4-1	Proposed drilling ····· 241
Fig. II-3-1	Locality map of survey area · · · · · · · · · · · · · · · · · · ·
Fig. II-3-2	Location of drilling sites · · · · · · · · · · · · · · · · · · ·
Fig. II-3-3	Geological section · · · · · 262
Fig. II-3-4	Depth(m) and relative content values(MJTK-1) 267
Fig. II-3-5	Resistivity and chargeability of rock core · · · · · · · · · · · · · · · · · · 279
Fig. II-3-6	Columnar figure of resistivity and chargeability 281
Fig. II-3-7	Model of mineralization · · · · · · · · · · · · · · · · · · ·

Tables

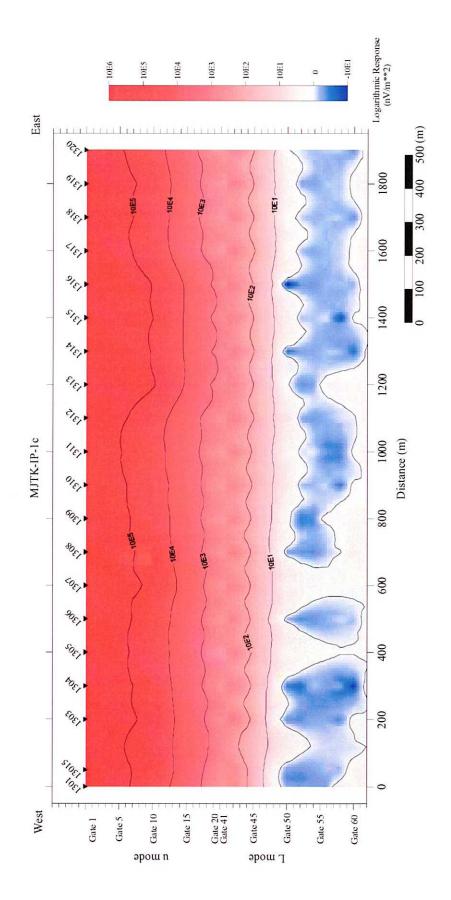
	Survey contents and amount of works · · · · · · · · · · · · · · · · 3
Table I-2-1	Temperature and precipitation in Morocco · · · · · · · · · · · · · · · · · ·
Table I-3-1	Main ore deposits and gossans around area 18
Table I-5-1	Proposed drilling ······ 30
Table II-2-1-1	Coordinate of the survey line
Table II-2-1-2	
Table II-2-1-3	List of sampling time · · · · · · · · · · · · · · · · · · ·
Table II-2-1-4	Specification of IP survey instrument
Table II-2-1-5	
Table II-2-1-6	Results of physical property tests
Table II-2-2-1	Detail specification of TEM survey 195
Table II-2-2-2	Classification of resistivity values
Table II-2-2-3	The results of TEM survey at area MJTK-IP-1 202
Table II-2-2-4	The results of TEM survey at area MJTK-IP-6 209
Table II-2-2-5	The results of TEM survey at area MJTK-IP-7 210
Table II-2-3-1	Result of geophysical survey 229
Table II-2-4-1	Proposed drilling · · · · · · · · · · · · · · · · · · ·
Table II-3-1	Drilling Schedule 251
Table II-3-2	Drilling summary
Table II-3-3	List of drilling equipment and consumption goods 255
Table II-3-4	Result of measurement of hole deviation
Table II-3-5	Result of chemical analysis of ore samples
Table II-3-6	Result of chemical analysis of rock samples

Table II-3-7	Result of microscopic observation of thin section	271
Table II-3-8	Result of microscopic observation of polish section · · · · · · · · · · · · · · · · · · ·	272
Table II-3-9	Result of mineral determination of X-ray diffraction test	276
Table II-3-10	Result of measurement of resistivity and chargeability	278
Table II-3-11	Result of isotope analysis · · · · · · · · · · · · · · · · · ·	283

Appendix

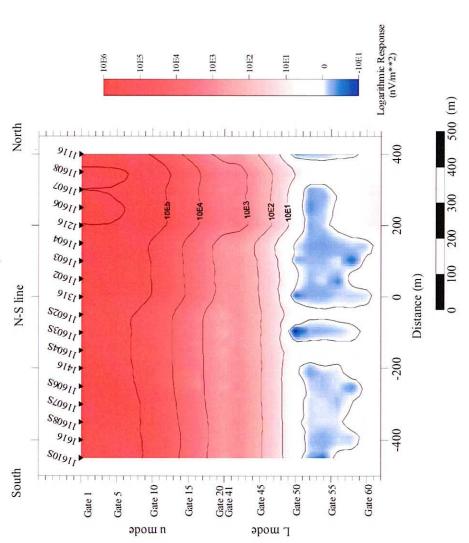
Appendix A

Cross section of mesurement results(TEM)

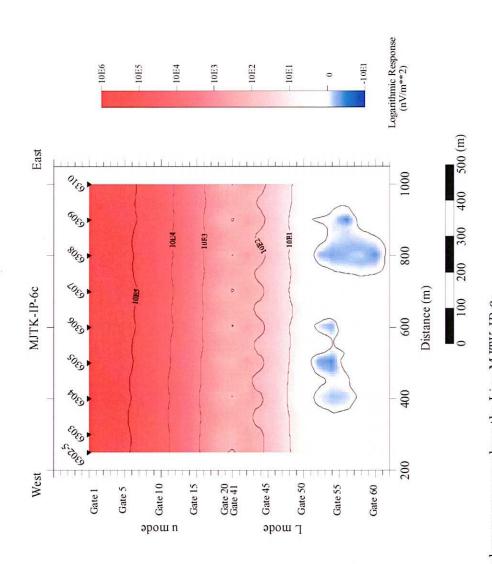


Observed response map along the Line MJTK-IP-1c

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

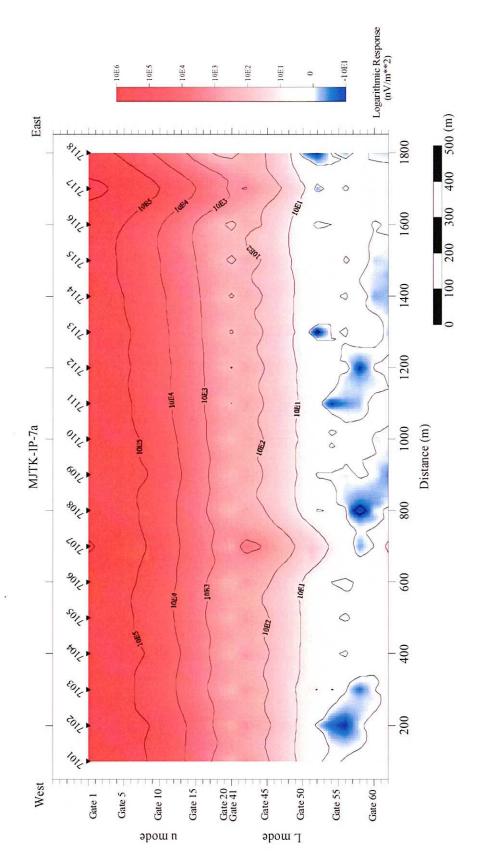


The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows Observed response map along the N-S direction line which is crossing the line MJTK-IP-1C at station 1316 the negative value.



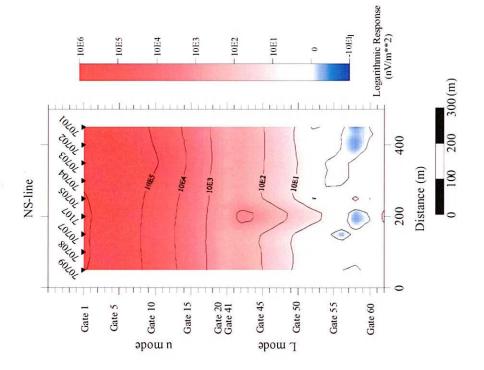
The response data sets were plotted by each gate times of TEM stations. Red shows the positive value and blue shows Observed response map along the Line MJTK-IP-6c

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.



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

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

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DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER	ALTER.	No.	FROM	TO	WIDTH		Ag	Cu	РЬ	Zn	Fe	S
-		Cenozoic			Wethered		(m)	(m)	(cm)	(ppm)	(ppm)	<u>(%)</u>	<u> (%)</u> 	(%)	(%)	<u>(%</u>
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DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu	Pb (%)	Zn (%)	Fe (%)	S (%)
-	$\circ \circ \circ \circ$	Cenozoic sediment			Lim.											
	0000	Conglomerate														
105	0000 0000 0000															
	$\circ \circ \circ \circ$															
110	$\begin{array}{c} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{array}$															
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		Pelitic Schist	167.0m-,Pelitic schist (Paleozoic).													
170			175.10m, Pyrite Sphalerite													
			carbonate veinlets along schistsity(45'). width:3mm.													
175			175.40m,Glena-Sphalerite-Pyrite -	D. C. C.		1	175.45	175.6	15	0.003	0.5	0.033	0.029	0.694	36.1	2.31
			carbonate irregular veinlet.width:<4mm 176.20m, Pyrite veinlet along schistsity	Py,Sp,Gn		,	175.45	1/5.0	13	0.003	0.5	0.033	0.029	0.034	30. 1	2.31
			(35°) with carbonate veinlets. Pelitic schist. schistsity40-45. With													
180-			Pyrite disseminated and carbonate veinlet.													
			Black-d-gray pelitic schist													
185			Pres brance of the		l								1			
			191.45m, 193.90m,pyrite vein 2cm ∠													
100			45', non-magnetic. 195.4m,Fracture(40',width:6cm) filled													
190-			by Pyrite and clay. With fracture zone, Pyrite-	Ру												
			disseminated. Graphite dominant. 197.0m-198.2m.Psamitic schist.	Ру						l						
195			bedded(45').Pyrite disseminated.							1						
			Graphite dominant. 198.2m-, Pelitic schist.													
200			bedded(45').Graphite dominant. Pyrite disseminated along schistsity.									Į				

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260 deiomine? Network and pyrite 259.00m., vary fragile, graphic 265 265 265 270 267.00m, 40°, Fault/ Processed. 270 270.00m, 40°, Fault/ Processed. 271.00m, 25°, gaamile schist, graphic. 272 273.00m, 26°, gaamile schist, With 2 273.00m, 27°, gaamile schist. 274.5m., Pelitic schist. 280 281 283 284 285 285 285 286 287 288 289 281 282 283 284 285 285 286 287 288 289 281 282 283 284 285 285 285 285 285 285 286 297 <																	
265 259.90m., very fragile. graphite 265 Black Pelitic schiar, graphite. 270 269.40-270.00m, 40°, Fault? brecciated. Fractured in the upper zone. 270.25m, quart, vin 25 ' width? 0mm. 270.30m, 25 ' pamilis schiar. Py 271 270.30m, 25 ' pamilis schiar. 273 20.30° i laminated. With quart. 274.5m., Pelitic schiar. Py 280 214.5m., Pelitic schiar. 281 215.5m., pasmitic schiar. 282 214.5m., pelitic schiar. 283 215.5m., pasmitic schiar. 284 215.5m., pasmitic schiar. 285 215.5m., pasmitic schiar. 286 215.5m., pasmitic schiar. 287 215.5m., pasmitic schiar. 288 215.5m., pasmitic schiar. 289 215.5m., pasmitic schiar. 281 215.5m., pasmitic schiar. 282 215.5m., pasmitic schiar. 283 215.5m., pasmitic schiar. 284 215.5m., pasmitic schiar. 285 215.5m., pasmitic schiar. 285 215.5m., pasmitic schiar.	000			dolomite? Network and pyrite				[
265 Black Pelitic schist, graphic. 270 269.40.270.00m, 40°, Fuilt? brecciated. Practured in the upper zone. 270.25m, quartz vein 25° widht? Tomn. 270 270.5m, quartz vein 25° widht? Tomn. 270 270.5m, guartz vein 25° widht? Tomn. 270 270.5m, guartz vein 25° widht? Tomn. 270.5m, guartz vein 25° widht? Tomn. 270.3m, guartz vein 25° widht? Tomn. 271 270.5m, guartz vein 25° widht? Tomn. 272.5m, silty - pelitic schist. Pry 274.5m., Pelitic schist. Pry 275 0.5m, silty - pelitic schist. 280 With graphic, sheared, pyrite- 281 285 282 285 290 285m, psamitic - silty - pelitic - schist. 291 285m, psamitic - silty - pelitic - schist. 292 293	260-			disseminated along scistsity.													
265 Black Pelitic sehist, graphite. 270 269.40-270.00m, 40°, Fault? breeciated. Fractured in the upper zone. 270.30m, 25°, parmitie schist. With ∠ 271 20.30° laminated. With quantz 275 network. 280 235m, parmitie achist. 281 235m, parmitie - silty - pelitic schist. 285 235m, parmitie - silty - pelitie - schist. 290 235m, parmitie - silty - pelitie - schist. 291 235m, parmitie - silty - pelitie - schist.																	
200 200 200 200 200 200 200 200	0.05																
270 Z69.40-270.00m, 40°, Fault? brecciated. Fractured in the upper zone. 270.25m.quartz via 25° width? Omm. 270.30m, 21°, pamilia schist. With 2 20 - 30° i aminated. With quartz network. 275 Z74.5m., Politic schist. With graphite Partly laminated. arbonate dominant. 280 Z14.5m., pamilia chist. 275m. sitty - pelitic schist. With graphite. Assendt, prite- disseminated, carbonate dominant. 285 Z85m. psamilic – sitty - pelitic – schist. With graphite, fragile. 290 Z85m. psamilic – sitty – pelitic – schist.	2031																
270 Fractured in the upper zooc. 270.25m, 25 yeamlits exhist. With 2 20 - 30 'laminated. With quartz network. 275 280 Py 280 With graphic, sheard, pyrite-disseminated. With graphic, fragile. 285 290 291 295						6							ľ				
270.25m.quartz vein 25 'width."Omm. 270.30m., 25 ', psamitic schist. With 2 20 - 30 ' laminated. With quartz network. 274.5m., Pelitic schist. 275m. sity – pelitic schist. 275m. sity – pelitic schist. 275m. sity – pelitic schist. 286 285 285 290 295	070																
270.30m-, 25 [°] , peamitic schist. With \angle 20-30 [°] laminated. With quarz network. 274.5m., Pelitic schist. 275m, sill y - pelitic schist. 275m, sill y - pelitic schist. 280 285 285 290 295														[
 275 280 280 281 285 290 295 295 	1			270.30m-, 25 [°] , psamitic schist. With ∠													
280 274.5m., Pelitic schist. 280 275m., sity - pelitic schist with graphite Party lamina ∠ 40°, pyrite disserninated. Hard and fragile. With graphite, sheared, pyrite- disserninated. carbonate dominant. 285 285 290 285m, psamitic - silty - pelitic - schist. With graphite, fragile. With graphite, fragile.	075	mmmnnn		network													
280 280 285 290 295 295	2/3				Py								•				
280 Partly lamina 2 40°, pyrite disseminated. Hard and fragile. With graphite, sheared, pyrite- disseminated. carbonate dominant. 285 290 291 295	1														ŀ		
200 disseminated. Hard and fragile. With graphite, sheared, pyrite- disseminated, carbonate dominant. 285 285m, psamitic - silty - pelitic - schist. 290 285m, psamitic - silty - pelitic - schist. 291 With graphite, fragile.	200																
285 290 295 295	2001			disseminated. Hard and fragile.													
285 290 295							1										
290 295	205																
290 With graphite, fragile. 295	265-																
290 With graphite, fragile. 295																	
295	200						ŀ			1							
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DEPTH		ROCK		Γ	1		SAM	IPLE		Γ	C	HEMI	CAL A		SIS	
(m)	COLUMN	NAME	DESCRIPTION	MINER	ALTER.	No.	FROM (m)	TO (m)	WIDTH (cm)		Ag (ppm)	Cu	Pb (%)	Zn (%)	Fe (%)	S
		Psamitic schist Pelitic Schist	301.20m-,Pelitic schist.,Graphite	Ру	Chlorite									(20)	1 (2)	(%)
		Feillic Schist	dominant	l												
305			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													
310-			alternation. Graphite. ∠45°. Silicified. Fine pyrite and marcasite		ļ							1				
			disseminated. Calcareous fossils.													
315			Partly silty. Partly quartz-carbonate veinlets.													
320															-	
										ĺ						
325													:			
330																
335																
340																
345																
				Sp,Cp												
250			344.1m-344.7m, pyrite disseminated layer. 1cm-2cm thick.∠45											,		
350-																
355																
				Sp.Cp												
360			356.60m, quartz-sphalerite-pyrite veinlet.													
			358.85m,sphalerite-chalcopyrite-pyrite disseminated.													
365-																
370																
375																
380 -			375.90m-377.20m,sbered, Carbonate network.													
			174 T UIR.													
385		Sand stone	384.10-,Sand stone (Psamitic schist).		Sili Chlorite	2	385.10	385.20	10	0.001	0.65	0.037	0.052	7.630	23.200	5.780
		-Psamitic	Silicified. carbonate-quartz network with			3 4	386.15 386.6	386.45 386.8	30 20	0.001 0.001	0.75 1.45	0.131 0.075	0.363 2.18	1.060 7.81	23.900 44.4	7.270 9.06
390			sphalerite. Graphite. Fractured. Pyrite disseminated.			5 6	387.5 387.75	387.75 387.95	25 20	0.001 0.002	< 0.01 0.01	0.003 0.01	0.004 0.038	0.62 0.32	34.1 12.9	1.14 1.75
	//		384.85m-385.10m, guartz-carbonate-			7	392.05	392.2	15	0.001	0.04	0.018	0.125	6.67	20.5	3.27
[sphalerite-pyrite network. 386,70m-386,85m, sphalerite-pyrite			8	392.75	392.85	10	0.004	0.01	0.018	0.004	6.52	8.91	3.1
395			disseminated. 387.00m-389.85m, sphalerite-pyrite			9 10	395.7 396.8	395.9 397.1	20 30	< 1 0.001	0.04 0.03	0.014 0.017	0.282 0.004	7.43 6.08	11.4 18.5	5.58 3.59
			network. Silicified. 390.40m,390.45m,392.00m,sphalerite-			10 11	396.8 397.1	397.1 397.35	30 25	0.001	0.03	0.017	0.004	6.08 43.3	18.5 26.8	3.59 23.2
400			quartz veinlets 245												ł	

1					1		SAN			γ	~	HEMIC	AL AN			
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER	No.	FROM	TO	WIDTH	Au	Ag	Cu	Pb		Fe	S
(11)		NAME		ļ		ļ	(m)	(m)	(cm)	(ppm)		i	(%)	(%)	(%)	(%)
405 410 415		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. ∠70? 410.90m-412.00m,laminated. ∠75. 412.90m,Quartz(-Galena-Pyrite) vein intrudes Chlorite vein. 413.80m-415.10m, Sheared. 415.1m, Sphalerite-quartz veinlet ∠70°, Reverse Fault like. 	Sp	Sili Ch	12	412.9 415.5	413.15 415.8		< 1	< 0.01	0.011	0.023	0.128 21.2	19.2 21.9	0.295
420			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
430 435 440			427m, lamina (by graphite)∠65°. Quartz-K.feldspar network. 431.9m, lamina (by graphite)∠65°.			15	443.9	444.1	20	< 1	0.3	0.008	0.005	0.679	15.4	0.52
445 450 455			440.0m-440.3m, lamina (by graphite)∠ 65 [°] . 446.45m, lamina (by graphite)∠60 [°] . I Graphite decreases. Silicified stronger.	8a												
460 465 470		· .	455.00m, Hematite?-Barite veinlet∠ 20', 463.40m, Quanz-chlorite-Sphalerite veinlet. ∠65'.	Sp	Ch	16	465.65	465.8	15	0.003	0.1	0.01	0.171	0.033	14.3	0.973
475 480			475.7m-, Quartz-Barite veinlet. width-3cm,	Ba Sp Sp												
485 490 495			py. 479.0m-480.1m, Quartz-network with sphalerite and pyrite.		Sili Ch	17	492.75	492.9	15	0.001	0.2	0.004	0.014	0.058	15.4	2.06
500																

a corul		2004		1		1	SAN	IPLE		1	C	HEMIC		VALYS		
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER	ALTER.	No.	FROM	то	WIDTH		Ag	Cu	Pb	Zn	Fe	S
			Fine sand stone. Graphite (rare).				(m)	(m)	(cm)	(ppm)	(ppm)	(%)	(%) 	(%)	(%)	(%)
]		Sand stone	Silicified, Chlorite. Pyrite.	Ру	Sili Ch											
			501.7m-502.8m, Quartz(-carbonate) network.													
505			503.0m-503.45m, Coarse Sand stone,								-					
]			∠ 55*							l .						
1																
510			515.20m, lamina by graphite ∠65*													
			Fine alkose sand stone. Fine, partly medium - coarse.													
-			520.3m,Calcareous sandstone layer.∠													
515			55°. Small sulfide grains. weakly magnetic.													
			520.9m, coarse gentle sand dyke.									i				
			Weakly magnetic. 522.5m,Barite-Quartz network.	i i			ŀ						-			
520			Width<9mm.													
-			525.0m, Sphalerite-pyrite-quartz veinlet. \angle 75°.	Ba												
Ene			529.3m-529.5m, Barite(-Carbonate)													
525			veinlets, with Galena $\angle 60^{\circ}$. 533.8m-534.0m, Shered.	Sp,Py												
			535.9m, Carbonate (Chlorite) network.													
530			536.1m, Sphalente-pyrite-quartz(- carbonate) veinlets, ∠30°.	Ba,Sp												
			536,85m, Graphite ∠65*													
			537.35m, Sphalerite-Barite-Quartz. veinlet, ∠.50°.													
535			537.65m, Sphalerite(-Galena)-Barite-													
			Quartz veinlet, ∠65°, W=3mm. 537,8m, Sphalerite-Quartz-Barite	Sp.Py												
	%		veinlet, ∠ 50°.	Sp,Ba Sp,Gn,Ba		18	537.35	537.45	10	< 1	0.85	0.009	0.088	2.26	14.4	1.55
540	\sim		538.04m,538.1m,538.23m,538.39m,(Py -Sphalerite-Galena-Barite-) Quartz	Sp,Gn,Ba	Sili	19	540	540.2	20			0.014	A 184	2.0	FOL	
	XXI		veinlets.	Sp,Gn,Ba	Cn .	13	340	340.2	20	< 1	1,55	0.014	0.162	3.9	5.94	2.38
	$\sim \sim \sim$		539.10m-541.6m, Strongly silicified and fractured.													
545			540.4m, Sphalerite Barite-Quartz													
	N		veinlets-network. 540.7m, Sheared and argillizated.	8a		20	546.35	546.6	25	0.003	6.3	0.068	4.42	18.1	32.6	13.8
]			541.1m-541.2m, Barite-Quartz(-Galena)													
550			541.8m-, Several Quartz-Barite(-Galena 546.1m-546.3m,Barite vein. w:3cm, ∠6	Ba												
			548.1-2m,548.3-6m, Graphite schist lay	Ba,Sp												
			550.1m-550.9m, Barite network. 551.8m-552.1m, Graphite dominant.	Ua, Gp												
555		Pelitic schist	552.1m-552.55m, Shered.													
		01100 001100	552.8m, Barite vein, Sphalerite in edges with Barite-Chlorite(-Sphalerite) networ													
				Ba,Sp												
560			554.1m-, Pelitic schist. graphite rich. 558.4m, Barite(-Carbonate-Quartz) netw	Ba												
	15711A		1	Po												
			561.1m, Pyrrhotite dissemination. 561.3m-561.4m, Barite-Carbonate netwo													
565							500.00	en								
🕷			566.0m barite-carbonate vein width2cm	Ba		21	566.15	566.35	20	0.001	1.1	0.083	0.278	0.019	102	27.5
<u></u>]			with barite-quartz network.sphale	Ba,Sp,Gn												
570-			566.2m, pyrrhotite and pyrite disseminal													
🗱			568.6m, barite veinlet. With calcopyrite.													
575			568.75, (sphalerite-galena-barite?-) quart in pelitic schist. Massive, with graphite.													
											ľ					
					- -											
580																
			584.35m,barite vein. Width:8mm.∠60°.													
1			587.05m,587.10m,pyrrbotite,lense.13mr													
585			587.30m,barite network.width:7mm.45 589.20m,pyrite lens, intruded by barite-s	Ba											·	
			589.25m, barite network.													
			589.6m-589.8m,sphalerite-galena-barite 590.80m-,lamina(45°). pyrrhotite lens 4	Po												
590			Lamina.∠40° - ∠65° .	Ba,Sp,Gn Po												
			592,70m,stopped to drill (Jan.28).													
													ļ			
595												l				
600																

DEPTH		ROCK			1			IPLE			C	HEMI	CAL A		JIN	
(m)	COLUMN	NAME	DESCRIPTION	MINER	ALTER	No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)
	0000	Cenozoic sediment.	Cenozoic sediment.		Lim.											
-		sediment.	Cenozoic seament.													
5-			Conglomerate													
10-	0000						-									
	0000				-											
15	0000															
	0000 0000 0000															
	0000								1.4							
20-	0 0 0 0 0 0 0 0 0 0 0 0					· .										
]	0000															
25	000000000000000000000000000000000000000															
	0 0 0 0 0 0 0 0 0 0 0 0															
30-	0000															
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	$\circ \circ $,								
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	0 0 0 0															
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55	0000															
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60	0 0 0 0															
	0 0 0 0 0 0 0 0 0 0 0 0															
1	0000															
v J	$\circ \circ $															
]																
70]	0000															
](0000									·						
75]	0000 0000 0000															
j																ł
](0000															
]	0000															
I	<u></u>	Gabbro	83.0m-, Gabbro. Black - dark gray.	Pyrite	Chiorite											
85	# #		Massive. Partly magnetic. Carbonate veinlets-network, partly with	. ,												
]	# #		chlorite. 86.6m, fracture with pyrite $\angle 30^\circ$.													
90]	##		Carbonate veinlets.													
	## ##		96.20m-, Carbonate veinlets - network													
95	# # # #															
1	# #															
100	# #															

	1	F	····	1	r	<u></u>	CAL	APLE				115117			JTK	<u> </u>
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM		WIDTH	Au	Ag	HEMIC	Pb	VALYS Zn	Fe Fe	s
				ļ		<u> </u>	(m)	(m)	(cm)		(ppm)	F	(%)	(%)	(%)	(%)
	# #	Gabbro	Gabbro, dark gray, massive, magnetic.	Pyrite	Chlorite											
] # #	Cabbro	Plagio:2mm. Pyroxene->Chlorite. Massive, homogeneous,magnetic.													
105	# #		Carbonate veinlets - network dominant.							ĺ		1				
	# #		104.60-85m fractured zone with carbonate network.													
	# #		carbonate network.													
110	# #															
	1															
115	# #		116.85m ∠15° carbonate veiniet.													
	# #															
	# #		121.65-122.10m, Fractured with carbonate.													
120	# #		124.00-124.80m,∠70° carbonate veinlet.													
	# #		125.20m, ∠65° carbonate-chlorite vein, 3mm width.													
1 -	# #		Tobi, onali widen.													
125	# #															
	# #		133.45m,∠75° carbonate-chlorite-													
	1 1		limonite veinlet, 7mm width. Carbonate veinlets dominant.													
130	# #		Carbonate veniets dombant.													
	##		137.5-137.9m Carbonate-chlorite													
	# #		network. partly sheared.			i										
135	# #															
	# #		141.20m, carbonate-chlorite network.													
	# #															
140	# #		145.00m,145.08m, carbonate-chlorite veinlets,3mm width.								ĺ				ĺ	
1	# #			1												
145																
'~`			150.90m, ∠30° carbonate-chlorite vein 3mm.													
]	# #												[
150	# #										1					
	# #															
	# #		162.80m, ∠35° carbonate vein 4mm													
155	# #															
	# #															
			169.30m,170.95 carbonate veins 1mm width													
160	#.#				1		1	i	Ì							
-	# #															
	# #												Í			
165	# #								ł							
	# #		183.7m,183.8m carbonate-chlorite													
170	# #		veinlets													
	# #															
1.	# #		186.1m ∠70° carbonate veinlet 6mm													1
175	# #		width								1					
1													1			
1								.					1			
180	#.#															
	# #		191.80m, ∠70° carbonate-chlorite													
1	# #		vein 1mm		1											
185	# #		196.2m, Chlorite network							1						
•	# #		Solam, Onorice Holwork													
, _],	# #															
190	# #															
	. 1															
195	##															
1901	# #															
17	# #															
200	# #															

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DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM		WIDTH	Au	 Ag	Cu	CAL AN	Zn	IS Fe	s
			Gabbro. Grey-d-grey, massive,	ļ			(m)	(m)	(cm)	(ppm)	(ppm)	(%)	(%)	(%)	(%)	(%)
	# #	Gabbro	homogeneous, magnetic.	Pyrite	Chlorite											
1 :	# #		Partly carbonate network, pyrite dissemination.													
205	# #		201.0m-202.3m, fractured. Carbonate-													
	# #		limonite network. 203.35m,206.60m, chlorite-carbonate	İ -												
	# #		veinlets.													
210-	# #															
	# #															
215																
			215.25m,217.90m,221.95m, carbonate													
-	# #		veinlets.						N4.							
220	1 1	Micro-Gabbro			Silicified											
	# #		219.2m-, Micro-gabbro. crystal size finer. Non-magnetic. Silicified													
	##		220.85m-221.05m, fractured.													
225	# #		222.90m, carbonate veinlet.													
	# #,															
230	# #(227.70m-232.00m, Brecciated, partly	Pyrrhotite		22	229.3	229.4	10	0.007	0.2	0.044	0.069	0.157	49.5	2.33
230	# #		flow structure. 229.40m, Pyrrbotite+Chalcopyrite film.											· ·		
1	# # .		230.60m-240.00m, flow structure 230- 50'.silicified.													
235	##															- 1
	# #		233.50m-235.00m, Fractured, carbonate network. Partly flow st.													
	##															
240	# #		236.30m-239.00m, Brecciated.													
	# #										ĺ					
245			242.10m, Brecciated, ö=21cm													
			242.1000, Diccinec, 0-2100													
	##									•						
250	# #		248.49m-250.10m, Fractured. 251.70m. 240°, Carbonate vein 2mm													
	# #		wid.		. [1
		1	253.20m, stopped to drill.						Í							
255															Ì	
260																- 1
1														i i		
265																
270																
	ĺ				.								ł			
275	1															
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280																1
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285																
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290										-						
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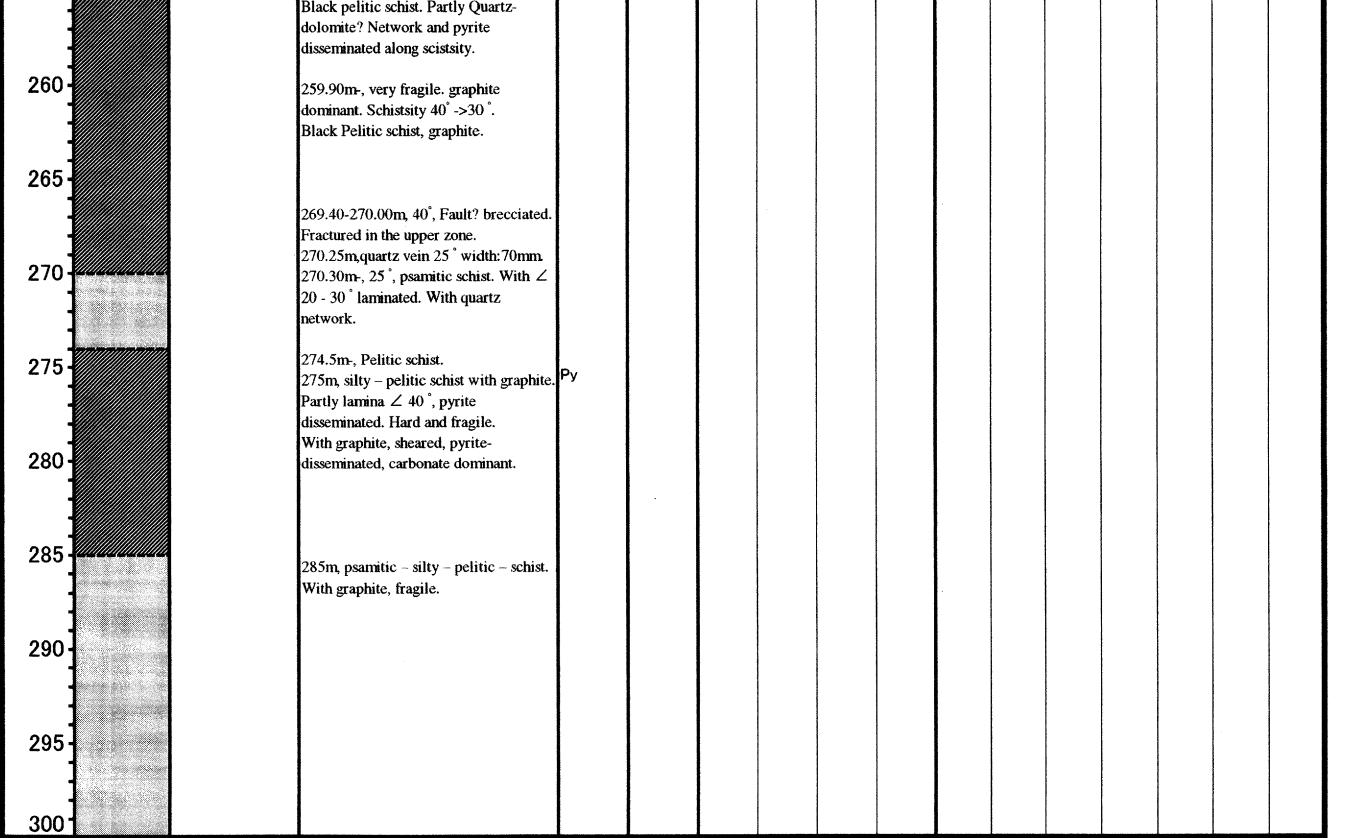
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		DOOK					SAM	PLE			С	HEMIC		ALYS	J I N IS	
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER	ALTER.	No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag	Cu	Pb (%)	Zn (%)	Fe (%)	S (%)
	$\begin{smallmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 &$	Cenozoic			Wethered											
	$\begin{smallmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 &$	Coglomelate			Lim											I
5-	0000															1
-	0000															1
	0000															1
10-	0000													:		
-	0000															1
15-	0000															1
	0000															I
-	0000															1
20-	0000															1
-	0000															I
25 -	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \circ \\ \circ \circ \circ \circ \circ \end{array}$															<i>.</i>
	0000															1
30-	0000															1
	0000															
35	0000															
	$\begin{array}{c}\circ\circ\circ\circ\\\circ\circ\circ\circ\end{array}$															1
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															1
40 -	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$										·					
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															1
45	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															1
40	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															1
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															I
50 -	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															1
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
55	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															ł
55	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
60-	0000	·														
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	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \circ \end{array}$															
60	0000															
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70																
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85																
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90 ·	0000															
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95	0000															
100	$\begin{array}{c} 0 & 0 & 0 \\ 0 & 0 & 0 \end{array}$															

DEDTU		DOOK	· · · · · · · · · · · · · · · · · · ·				SAM	IPLE			С	HEMIC			IS	
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag	Cu	Pb (%)	Zn (%)	Fe (%)	S (%)
	$\begin{array}{c} 0 & 0 & 0 \\ 0 & 0 & 0 \end{array}$	Cenozoic sediment			Lim.											
-	0000	Conglomerate														
	000000000000000000000000000000000000000															
	0000															
110	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
	0 0 0 0 0 0 0 0 0 0 0 0															
115-	0000															
	0000															
120-	$\begin{smallmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 &$															
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
125-	0000 0000 0000				-											
	0000															
130-	00000000000000000000000000000000000000															
-	0000															
135-	0000															
-	00000							- - - -								
140	0000															
	0000															
145	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
-	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \\ \circ \circ \circ \circ \\ \circ \circ \circ \circ $															
150	0000															
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
155	0000															
100-	0000															
	00000															
160-	$\circ \circ $															
	0 0 0 0 0 0 0 0 0 0 0 0															
105	0000															
		Pelitic Schist	167.0m-,Pelitic schist (Paleozoic).													
170-			175.10m, Pyrite — Sphalerite — carbonate veinlets along schistsity (45°).													
			carbonate veinlets along schistsity (45). width: 3mm. 175.40m, Glena — Sphalerite — Pyrite —													
175-			carbonate irregular veinlet.width:<4mm 176.20m, Pyrite veinlet along schistsity	Py,Sp,Gn		1	175.45	175.6	15	0.003	0.5	0.033	0.029	0.694	36.1	2.31
			(35°) with carbonate veinlets. Pelitic schist. schistsity40-45°. With													
180-			Pyrite disseminated and carbonate veinlet.													
			Black-d-gray pelitic schist													
185-			191.45m, 193.90m,pyrite vein 2cm ∠													
			45°, non-magnetic. 195.4m, Fracture (40°. width:6cm) filled													
190			by Pyrite and clay.	Ру												
-			disseminated. Graphite dominant. 197.0m-198.2m,Psamitic schist.	Py												
195-			bedded(45).Pyrite disseminated. Graphite dominant.	-												
			198.2m-, Pelitic schist. bedded(45°).Graphite dominant. Pyrite disseminated along schistsity													
200			Pyrite disseminated along schistsity. 199.95m. Partly carbonate network.													

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DEPTH		ROCK					SAM	IPLE			С	HEMIC	CAL A	NALYS	SIS	
(m)	COLUMN	NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM		WIDTH		Ag	Cu	Pb	Zn	Fe	S
			Dalitia askint haddad(15°) Crosshita				(m)	(m)	(cm)	(ppm)	(ppm)	(%)	(%)	(%)	(%)	(%)
•		Pelitic Schiet	Pelitic schist. bedded(45 [°]).Graphite dominant. Pyrite disseminated along													
•			schistsity.													
205																
•																
•																
210·																
210																
			211m, psamitic lamination. With silty psamitic lamina.45°-50°.													
•			Black- d gray Pelitic schist $\angle 45^\circ$ lamina													
215			(partly psamitic) pyrite disseminated.													
			Graphite dominant.													
			213.50m, pyrite disseminated lens, width<20mm.													
000			217.1m-221.5m, partly sandy-silty													
220 <u>-</u>			lamina ∠45-50°. graphite													
			221.5-, graphite dominant. Fragile.													
•			221.3-, graphice dominant. Pragne.													
225 ·																
•																
000																
230																
•																
•																
235																
4																
•																
.																
240																
245 ·																
1																
250																
			254.60m, quartz vein porous, 70°,													
255			width>20mm.													
			Black pelitic schist. Partly Quartz-													



							SAM	IPLE			0	HEMIC	AL AN			
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM (m)		WIDTH (cm)		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	Py	Chlorite											
310 - 315 -			alternation. Graphite. $\angle 45^{\circ}$. Silicified. Fine pyrite and marcasite disseminated. Calcareous fossils. Partly silty. Partly quartz-carbonate veinlets.													
320 325																
330																
335 340																
345 350			344.1m-344.7m, pyrite disseminated layer. 1cm-2cm thick. ∠45°	Ѕр,Ср												
355				Ѕр,Ср												
360 365			veinlet. 358.85m,sphalerite-chalcopyrite-pyrite disseminated.													
370																
375 380			375.90m-377.20m,shered. Carbonate network.													
385-		Sand stone -Psamitic schist	384.10-, Sand stone (Psamitic schist). Silicified. carbonate-quartz network with sphalerite. Graphite. Fractured. Pyrite		Sili Chlorite	2 3 4 5	385.10 386.15 386.6 387.5		30 20	0.001 0.001 0.001 0.001	0.65 0.75 1.45 < 0.01	0.131			23.200 23.900 44.4 34.1	5.780 7.270 9.06 1.14
390 395			disseminated. 384.85m-385.10m, quartz-carbonate- sphalerite-pyrite network. 386.70m-386.85m, sphalerite-pyrite disseminated. 387.00m-389.85m, sphalerite-pyrite			5 6 7 8	387.75 392.05 392.75	387.95 392.2 392.85	20 15 10	0.002 0.001 0.004	0.01 0.04 0.01	0.01 0.018 0.018	0.038 0.125 0.004	0.32 6.67 6.52	12.9 20.5 8.91	1.75 3.27 3.1
400			network. Silicified. 390.40m,390.45m,392.00m,sphalerite- quartz veinlets ∠45° 392.00m-393.00m, sphalerite-quartz 6			9 10 11	395.7 396.8 397.1	395.9 397.1 397.35	30	0.001	0.04 0.03 1.25	0.017	0.004		18.5	

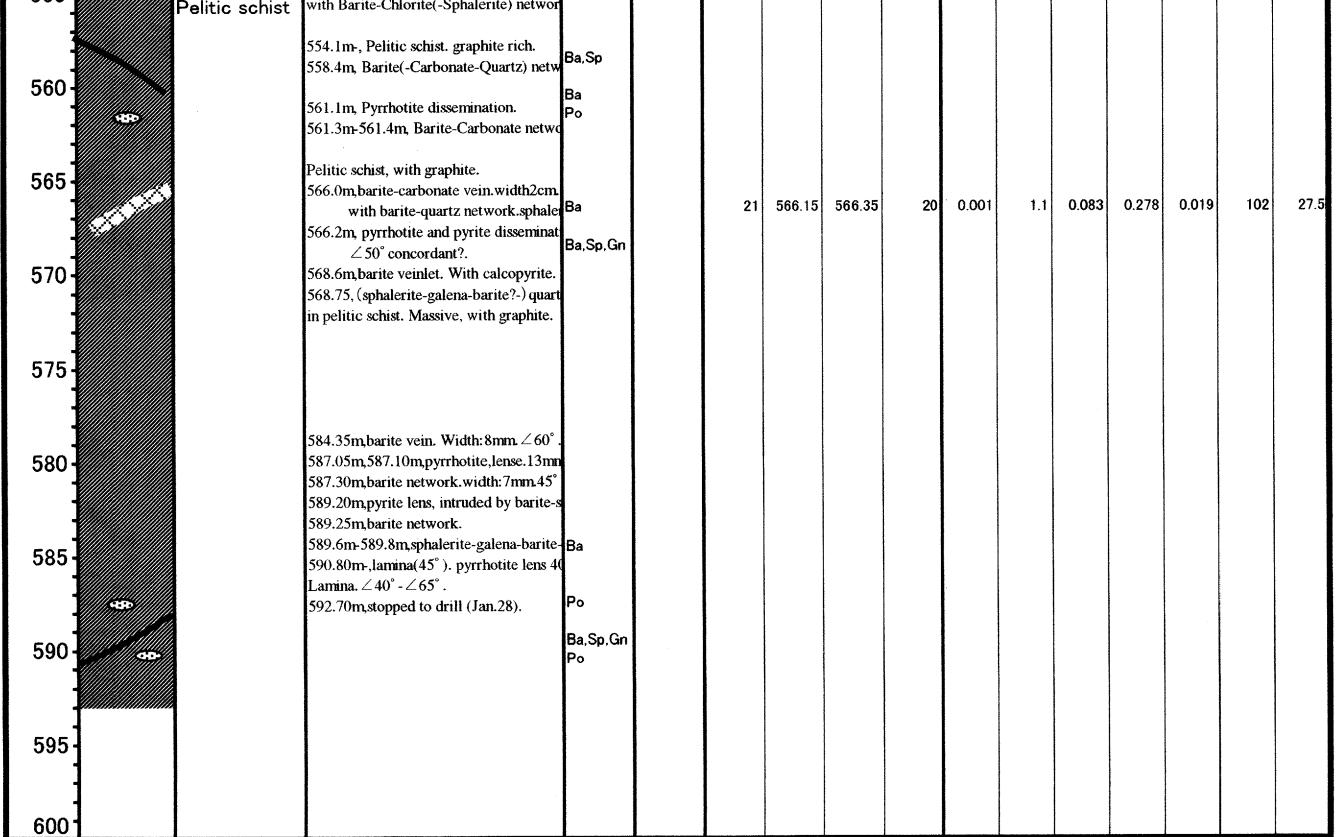
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DEDTU		DOCK					SAN	IPLE			С	HEMIC		VALYS	JIN	
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM (m)		WIDTH		Ag (ppm)	Cu	Pb (%)	Zn (%)	Fe (%)	S (%)
		Sand stone	Fine Sand stone (-Psamitic schist)	Py	Sili											
		Sand Stone	Silicified. Chlorite. Pyrite disseminated.	Sp	Ch											
405			Graphite. 404.10m-404.70m, Sphalerite-quartz													
			network. 408.55m-408.75m, medium-coarse													
			sandstone. $\angle 70^{\circ}$? 410.90m-412.00m, laminated. $\angle 75^{\circ}$.													
410-				Sp												
			413.80m-415.10m, Sheared.			12	412.9	413.15	25	< [`] 1	< 0.01	0.011	0.023	0.128	19.2	0.295
415			413.111, Sphalethe-quartz vehilet 2.70,	Sp		13	415.5	415.8	30	< 1	1.65	0.053	0.655	21.2	21.9	10.3
			Reverse Fault like.													
400																
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.													
			431.9m, lamina (by graphite) ∠65°.													
435-																
440																
			440.0m-440.3m, lamina (by graphite) ∠													
-			65° .			15	443.9	444.1	20	< 1	0.3	0.008	0.005	0.679	15.4	0.52
445 - -																
			446.45m, lamina (by graphite) ∠60°.													
450			4 Graphite decreases. Silicified													
			stronger.													
455 -																
400				Ba					-							
-			455.00m, Hematite?-Barite veinlet,∠ 20°.													
460			20.													
4				Sp	Ch											
465						16	AGE 65	465.0	15	0.002	0.1	0.01	0 1 7 1	0.000	14.0	0.070
			463.40m, Quartz-chlorite-Sphalerite			10	465.65	465.8	10	0.003	0.1	0.01	0.171	0.033	14.3	0.973
			veinlet. ∠65°. 465.70m, Quartz network with													
470			sphalerite in chlorite zone.													
475				Ba						,						
]			475.7m Quartz Parita vaislat	Sp												
480			width<3cm.													
]			-477.2m, Quartz network, with sp. and py.													
			sphalerite and pyrite.	Sp												
485			Chloritesated strongly. partly Py-Sp-Q veinlets (-481.7m)													
				Sp												
490			485.2m-485.5m, Quartz-Chlorite networ													
			489.6m, Quartz(-sphalerite) network. ch		Sili	17	100 75	100.0	4 🖻	0.001	0.0	0.004	0.014	0.050	4 - 4	0.00
					Sili Ch	1/	492.75	492.9	15	0.001	0.2	0.004	0.014	0.058	15.4	2.06
495 -			402.2m 402.2m F													
			492.3m-493.2m, Fractured and hydrother porous. quartz cristals.													
5001																

Geological columnar figures

B-5

DEDTU		ROCK	1				SAM	PLE			C	HEMIC	AL AN	IALYS	IS	
DEPTH (m)	COLUMN	NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM	ТО	WIDTH	Au	Ag	Cu	Pb	Zn	Fe	S
(11)		NAME					(m)	(m)	(cm)	(ppm)	(ppm)	(%)	(%)	(%)	(%)	(%)
			Fine sand stone. Graphite (rare).	Ру	Sili											
-		Sand stone	omenieu, emoritei i jitto.		Ch											
-			501.7m-502.8m, Quartz(-carbonate) network.													
505 -			503.0m-503.45m, Coarse Sand stone, \angle													
303			55°													
•																
-										l						
510-			515.20m, lamina by graphite $\angle 65^{\circ}$													
			Fine alkose sand stone. Fine, partly													
-			medium - coarse.													
-			520.3m, Calcareous sandstone layer. \angle													
515-			55°. Small sulfide grains. weakly													
			magnetic. 520.9m, coarse gentle sand dyke.													
4			Weakly magnetic.												-	
			522.5m,Barite-Quartz network.													
520·			Width<9mm.													
•			525.0m, Sphalerite-pyrite-quartz													
			veinlet. $\angle 75^{\circ}$	Ba												
			529.3m-529.5m, Barite(-Carbonate)													
525·			veinlets, with Galena. $\angle 60^{\circ}$.	Sp,Py												
			555.0hr554.0hr, ohorod.	ор,гу												
•			535.9m, Carbonate (Chlorite) network.													
]		536.1m, Sphalerite-pyrite-quartz(- carbonate) veinlets, $\angle 30^{\circ}$.													
530			536,85m, Graphite $\angle 65^{\circ}$.	Ba,Sp												
			537.35m, Sphalerite-Barite-Quartz													
•			veinlet, $\angle 50^{\circ}$.													
			537.65m, Sphalerite(-Galena)-Barite-													
535			Quartz veinlet, $\angle 65^\circ$, W=3mm.													
000			537.8m, Sphalerite-Quartz-Barite	Sn Dy												
•			veinlet, $\angle 50^{\circ}$.	Sp,Py Sp,Ba		18	537.35	537.45	5 10	K 1	0.85	0.009	0.088	2.26	14.4	1.58
			538.04m,538.1m,538.23m,538.39m,(Py	Sp,Gn,Ba												
540			-Sphalerite-Galena-Barite-) Quartz		Sili											
540·			veinlets.	Sp,Gn,Ba	Ch	19	540	540.2	2 20	< 1	1.55	0.014	0.162	3.9	5.94	2.38
			539.10m-541.6m, Strongly silicified and fractured.	Sp,Gn,Ba												
			540.4m, Sphalerite Barite-Quartz													
			veinlets-network.													
545·			540.7m, Sheared and argillizated.													
] 🔨		541.1m-541.2m, Barite-Quartz(-Galena)	Ba		20	546.35	546.6	6 25	0.003	6.3	0.068	4.42	18.1	32.6	13.8
]		541.8m-, Several Quartz-Barite(-Galena	1												
			546.1m-546.3m,Barite vein. w:3cm, ∠6	5												
550			548.1-2m,548.3-6m, Graphite schist laye	Ba												
			550.1m-550.9m, Barite network.													
] 🔨		551.8m-552.1m, Graphite dominant.	Ba,Sp												
			552.1m-552.55m, Shered.													
555			552.8m, Barite vein, Sphalerite in edges					-								
		Pelitic schist	with Barite-Chlorite(-Sphalerite) networ		1	1	l I	1	1	1	1	1				1



							SAM	PLE			C	HFMIC	AL AN	JAL YS	IS	
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM (m)		WIDTH (cm)	Au (ppm)	Ag	Cu	Pb (%)	Zn (%)	Fe (%)	S (%)
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$	Cenozoic			Lim.											
1		sediment.	Cenozoic sediment.													
5	0000		Conglomerate													
	0000		Congronierate													
	0000 0000															
10	0000															
	0000															
15	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \circ \\ \circ \circ \circ \circ \circ \end{array}$															
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
]	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
20]																
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1	0000															
25																
30-																
	00000000000000000000000000000000000000														· ·	
35-	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$, , , , , , , , , , , , , , , , , , ,	
	$\circ \circ $															
10	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
40	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
	$\circ \circ $															
45	0000															
	0000															
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
50	0000															
	0000															
55-	0000															
	0000															
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
	0 0 0 0															
	0000 00 00															
65	0000 0000															
	$\circ \circ \circ \circ \circ$															
	$\begin{array}{c} \circ \circ \circ \circ \\ \circ \circ \circ \circ \end{array}$															
70]																
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L j	0 0 0 0 0 0 0 0 0 0 0 0															
	0000															
80	0000															
	0000															
	0000	Gabbro	83.0m-, Gabbro. Black – dark gray. Mossiva, Partly magnetic	Durita	Chlorite											
85-	# #		Carbonate veinlets-network, partly with	Pyrite	OTHOTICE											
	# #		chlorite. 86.6m, fracture with pyrite $\angle 30^{\circ}$.													
90-	# #		Carbonate veinlets.													
	# #		96.20m-, Carbonate veinlets - network													
	# #															
95	1															
	# #															
100	1															

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

							SAM	PLE			С	HEMIC			S IS]
DEPTH (m)	COLUMN	ROCK NAME	DESCRIPTION	MINER.	ALTER.	No.	FROM (m)	TO (m)	WIDTH (cm)	Au (ppm)	Ag	Cu (%)	Pb (%)	Zn (%)	Fe (%)	S (%)
205	# # # # # # # #	Gabbro	Partly carbonate network, pyrite dissemination. 201.0m-202.3m, fractured. Carbonate- limonite network. 203.35m,206.60m, chlorite-carbonate	Pyrite	Chlorite											
-	# # # # # #		veinlets.													
215-	## ##		215.25m,217.90m,221.95m, carbonate veinlets.													
220	 # # # #	Micro-Gabbro	219.2m-, Micro-gabbro. crystal size finer. Non-magnetic. Silicified 220.85m-221.05m, fractured.		Silicified											
225	# # # #		222.90m, carbonate veinlet. 227.70m-232.00m, Brecciated, partly	Pyrrhotite												
230	# # { # # # #		flow structure. 229.40m, Pyrrhotite+Chalcopyrite film. 230.60m-240.00m,flow structure ∠30°- 50°.silicified.			22	229.3	229.4	10	0.007	0.2	0.044	0.069	0.157	49.5	2.33
235	"		233.50m-235.00m, Fractured, carbonate network. Partly flow st.													
240	## ## ##		236.30m-239.00m, Brecciated.													
245			242.10m, Brecciated, φ=21cm 248.49m-250.10m, Fractured.													
250	# # # #		251.70m.∠40°,Carbonate vein 2mm wid. 253.20m, stopped to drill.													
255																
260-																
265																
270-																
275-																
280-																
285 -																
290																
295 300																