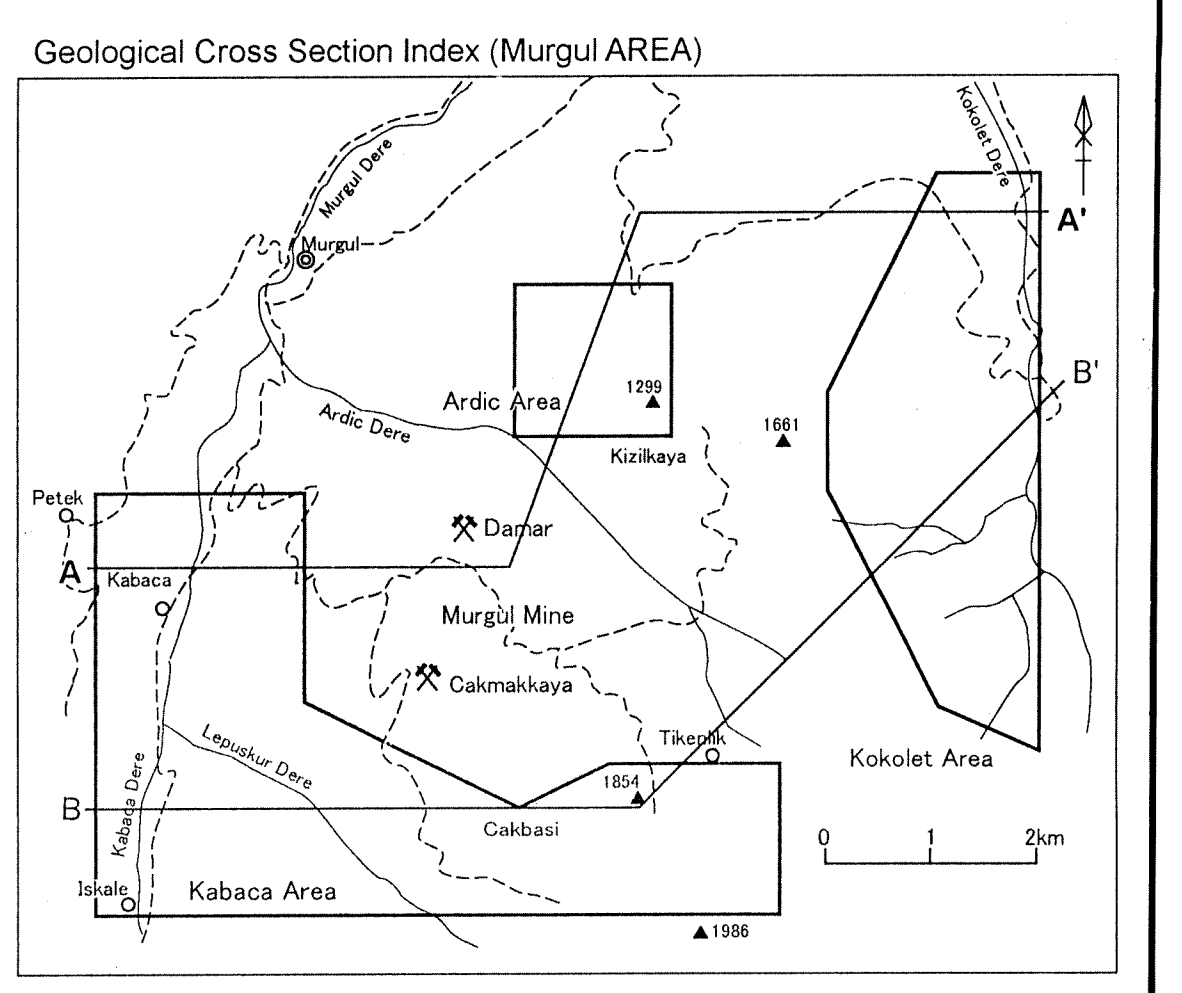


PL 4
 REPORT
 ON
 THE MINERAL EXPLORATION
 IN
 THE HOPA AREA,
 PHASE II
 GEOLOGICAL CROSS SECTION OF THE MURGUL AREA
 (SCALE 1: 10,000)

JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 JANUARY 2004



Legend

Karatepe Dacite	Nevaditic Pyroclastics
Mudstone	Nevadite
Limestone	
Ardic Formation	
Siltstone	Dolerite
Basaltic rocks	Andesite
	Granitic rocks
Murgul Formation	
Dacitic Pyroclastics	Strike and Dip
Dacitic Pyroclastics	Fault
Dacite lava	Mineralization Zone
Kabaca Formation	
Basio Volcanic Rock	

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 (%)	Ba (%)	S (%)	
0			0-1.0m soil														
5	# #	Basalt(Cbs)	1.0m- dark olive gray compact Basalt. partly amygdal. Pl phenocryst porphyritic (Py) dissemination. Cal. Network														
10	# #		Cal veinlets develop.	Py													
15	# #		Cal veinlets develop.			OA-1	15.00	15.30	0.30	<0.001	0.90	<0.001	<0.001	0.004	0.005	2.560	
20	# #					PA-1	17.0										
25	# #																
30	# #		Cal veinlets develop. slightly sheared														
31	31.0m dark gray clay (W:5cm)																
35	# #																
40	# #																
45	# #		41.0m- porphyritic. partly bleaching. green in colour (Py) dissemination. Cal net.			PA-2	44.0										
45	# #					OA-2	44.50	45.00	0.50	<0.001	0.25	0.005	<0.001	0.004	0.006	3.700	
50	# #			Py													
55	# #																
60	# #																
65	# #			Py													
70	# #		Cal vein $\angle 30^\circ$ W:1cm drusy bleaching. green in colour.			TA-1	68.4										
75	# #			Py													
80	# #		bleaching. green in colour.														
80	# #		bleaching (~87.0m)														
85	# #																
87	87.0-88.0m:dark green Dolerite. coarse grain					TA-2	87.7										
90	# #	Basalt(Cbs)	Cal net develop. partly bleaching pale green in colour														
95	# #																
100	# #																

MJTH-1柱状图 (1)

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 (%)	Ba (%)	S (%)	
105	# #	Basalt(Cbs)	dark olive green Basalt. Cal network develop														
110	# #		Cal network develop														
110	# #		110.0m- argil. sheared. Purple Dacite fragment contain			OA-3	111.20	111.40	0.20	0.007	0.25	0.017	0.001	0.008	0.064	3.840	
115	L L	Dacite(Adcp)	112.2m- reddish brown (p)~(m) argil Dacite. sheared. PI spoty.			PA-3	113.50	114.00	0.50	0.001	0.15	0.001	<0.001	0.004	0.010	2.460	
115	L L		113.0-114.5m dark gray (m) argil. fine Py dissemination purple/green colour mixture	Py		OA-5	114.00	114.50	0.50	0.001	0.05	<0.001	<0.001	0.002	0.016	3.400	
120	L L		121-122m purple in colour			OA-6	114.50	115.00	0.50	0.001	0.05	<0.001	<0.001	0.009	0.010	1.180	
125	L L		125m- sheared.														
130	L L																
135	L L																
140	L L		141.0m Cal vein W:5cm ∠15° 142.2m- dark gray porphyritic Dolerite. PI.														
145	^ ^	Dolerite(Dol)															
150	^ ^																
155	^ ^		155.9m- dark olive gray (m)argil Dolerite. Cal network develop. sheard														
160	L L	Dacite(Adcp)	158.5m- dark olive dreem (m)argil Dacite. sheared														
165	^ ^	Dolerite(Dol)	163.5m- dark green Dolerite. coarse. PI porphyritic. partly Cal vein.														
170	^ ^			Py		PA-4	169.0										
175	^ ^					TA-3	173.0										
180	L L	Dacite(Adcp)	176.6m- dark purple gray Dacite. PI spoty.			TA-4	177.0										
180	^ ^	Dolerite(Dol)	178.4m- dark olive gray Dolerite. coarse														
180	L L	Dacite(Adcp)	179.4m- dark purple gray (m) argil Dacite. Sheared			W,XA-1	180.0										
185	^ ^	Dolerite(Dol)	181.4m- greenish gray Dolerite. fine. Sheared Cal vein														
185	L L	Dacite(Adcp)	184.6m- purple gray Dacite. PI spoty. boundary irregular. flow structure ∠20° ((Py)) dissemination partly dark purple colour	Py													
190	L L																
195	^ ^	Dolerite(Dol)	195.4-196.1m dark green compact Dolerite.			PA-5	193.6										
195	L L	Dacite(Adcp)	(p)~(m) argil.			W,XA-2	194.0										
200	L L					TA-5	195.0										

MJTH-1柱状图 (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 (%)	Ba (%)	S (%)	
205	L	Dacite(Adcp)	202.3m- dark green compact Dolerite	Py	argil												
	↑	Dolerite(Dol)	204.4m- light olive gray~gray (p)~(m)argil. Dacite.														
210	↑	Dolerite(Dol)	205.5m white clay. W:5cm ((Py)) dissemination														
	L	Dacite(Adcp)	217.3-218.3m (m)~(f)argil.			TA-6, W,XA-3	210.0										
215	L	Dacite(Adcp)	218.5m- dark green compact Dolerite														
	L	Dacite(Adcp)	221.6-223.5m sheared														
220	↑	Dolerite(Dol)	227.8m- gray~light purple gray (p)~(m)argil. Dacite.			TA-7	226.6										
	↑	Dolerite(Dol)	229.5m- dark green Dolerite														
230	↑	Dolerite(Dol)	230.1m- light purple gray Dacite.			W,XA-4	228.0										
	L	Dacite(Adcp)	233m argil. bleaching			PA-6	229.9										
235	L	Dacite(Adcp)	235.0m- purple gray Tuff breccia ditto Dacite fragment flow $\angle 70^\circ$														
	△	Tuff berccia (Atf)	239.8m- dark olive gray Dolerite. bleaching. Cal veinlets Qtz vein $\angle 30^\circ$ W:1cm			TA-8	236.8										
240	△	Tuff berccia (Atf)	244.6m- purple gray~gray (p)~(m) argil. Dacite. Pl spoty.			W,XA-5	237.0										
	L	Dacite(Adcp)	247.9m Qtz vein $\angle 30^\circ$ W:1cm			OA-7	238.50	239.00	0.50	0.023	0.15	0.001	<0.001	0.001	0.007	2.180	
245	↑	Dolerite(Dol)	253.7m- gray compact Dolerite														
	L	Dacite(Adcp)	254.7m- light purple (p)argil. Dacite. ((Py))			W,XA-6	244.5										
250	L	Dacite(Adcp)	258.1m- dark green compact Dolerite. Gyp in crack			PA-7	245.5										
	L	Dacite(Adcp)	260-261m coarse grain			PA-8	246.3										
255	L	Dacite(Adcp)	264.9m- light gray~ gray Dacite. bleaching. soapy. Qtz(1mm ϕ), Pl.														
	L	Dacite(Adcp)	268.4m- dark green compact Dolerite. Cal network.			W,XA-7	256.0										
260	↑	Dolerite(Dol)	273.3m sheared														
	↑	Dolerite(Dol)	277.0-277.6m light green. bleaching			TA-9	260.3										
265	∇	Dacite(Adv)	278.1m - light gray (p)~(m) argil. Dacite. Qtz(1mm ϕ), Pl spoty. (Py) dissemination.														
	∇	Dacite(Adv)	288.30m- dark reddish brown argil. Dacite. vicinity of boundary green Dacite fragments. banded $\angle 40^\circ$ shared			W,XA-8	265.0										
270	↑	Dolerite(Dol)	296.0m- dark green compact Dolerite. Qtz veinlets development														
	↑	Dolerite(Dol)															
275	↑	Dolerite(Dol)															
	↑	Dolerite(Dol)															
280	∇	Dacite(Adv)				PA-9	277.4										
	∇	Dacite(Adv)				TA-10	278.0										
285	∇	Dacite(Adv)				PA-10	279.6										
	∇	Dacite(Adv)				OA-8, W,XA-9	280.00	280.50	0.50	0.001	<0.01	0.001	<0.001	0.002	0.021	0.427	
290	L	Dacite(Adcp)				OA-9	282.10	282.60	0.50	<0.001	0.05	0.006	<0.001	0.001	0.007	0.408	
	L	Dacite(Adcp)				OA-10	282.60	283.10	0.50	<0.001	0.05	0.005	0.001	0.002	0.029	0.376	
295	L	Dacite(Adcp)															
	L	Dacite(Adcp)															
300	↑	Dolerite(Dol)															
	↑	Dolerite(Dol)															

MJTH-1柱状图 (3)

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 (%)	Ba (%)	S (%)		
305		Dolerite(Dol)	dark green compact Dolerite															
310		Dacite(Adcp)	307.2m- Qtz network development 308.5m- milky Qtz vein $\angle 30^\circ$ W:2cm 310.0m- milky Qtz vein $\angle 45^\circ$ W:3cm 312.0m- purple gray (m)argil. Dacite. Pl spoty 314.15m End	argil													
315																		
320																		
325																		
330																		
335																		
340																		
345																		
350																		
355																		
360																		
365																		
370																		
375																		
380																		
385																		
390																		
395																		
400																		

MJTH-1柱状图(4)

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 (%)	Ba (%)	S (%)	
0-2.4			soil														
2.4-	#	Basalt(Cbs)	dark green amygdal Basalt pore is filled by calcite														
4.2	#		Epidote vein $\angle 40^\circ$														
5.0-5.6	#		cal vein develop														
10.1	#		cal vein develop.														
12.8-13.8	#		comp. Doleritic.														
17.0-19.8	#		comp. Doleritic.														
20.3	#		cal network														
20.6-21.3	#		Doleritic														
24.2	#		cal vein w:3cm $\angle 45^\circ$														
28.3-28.5	#		Doleritic														
31.0-31.3	#		cal network														
33.8-35.8	#		comp Doleritic														
36.4		Mudstone(Cms)	reddish brown Mudstone partly thin olive gray fine Tuff layer. $\angle 0^\circ \sim \angle 5^\circ$														
39.6	#	Basalt(Cbs)	dark green amygdal Basalt Mud ball contain.														
56.5	#		dark green Doleritic Basalt. partly amygdal.														
61.6	x	Dacite(Dp)	dark olive gray compact porphyritic Dacite Qtz,Pl phenocryst. Qtz rich														
70.0-70.5	#	Basalt(Cbs)	Doleritic Basalt														
70.5-71.7		Mudstone(Cms)	reddish brown Mudstone														
82.8	x	Dacite(Dp)	dark olive green Dacite~Acidic Tuff breccia Qtz, Pl phenocryst. Qtz rich 2~3mm ϕ fragment (0.5~3cm ϕ) & matrix same														
93.0		Lappili Tuff (Cbtf)	dark green Basic Lappili Tuff														
94.5	#	Basalt(Cbs)	Basalt,Mudstone fragment, rounded														
94.5	#		greenish gray Basalt.														

MJTH-2柱状图 (1)

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 (%)	Ba (%)	S (%)	
105	# # #	Basalt(Cbs)	olive ochre fine Tuff fragment Cal veinlets~network.														
		Mudstone(Cms)	106.1m- reddish brown Mudstone														
110	# # #	Basalt(Cbs)	107.0m- Doleritic Basalt. amygdal. partly Mudstone fragment contain														
115	# # #																
120	# # #	Mudstone (Cms)	119.8m- reddish brown Mudstone ∠15°														
	# #	Basalt(Cbs)	122.0m- green~dark green layered Tuff. elongated green patch														
125	# #	Mudstone (Cms)	122.5m- Doleritic Basalt 123.7m- reddish brown Mudstone														
130	# #	Basalt(Cbs)	128.6m- deep olive green Doleritic Basalt~Dolerite														
135	# #	Mudstone (Cms)	130.0m- reddish brown Mudstone ∠15° partly sandy. grading														
140	# #		138.8-139.0m olive gray fine Tuff ∠30° 143.0m- deep green acidic layered Tuff. elongated green patch														
145	# #	Mudstone(Cms)	144.0m reddish brown Mudstone 145.6m olive gray fine Tuff. rich in green patch. upper part: sandy														
150	# #	Mudstone (Cms)	146.2m- reddish brown Mudstone. green patch fragment 148.0m- reddish brown Mudstone.														
155	# #		gradually bruish green Sandstone ~Siltstone mix.			TB-3	151.3										
160	# #	Tuff breccia (Cbtf)	157.7m- deep green Basaltic Tuff breccia. fragments: Mudstone, Basalt.<1cm φ.														
165	# #	Basalt(Cbs)	163.7m- deep green~black porphyritic Basalt. amyg. Pl phenocryst Cal net.														
170	# #		Mud ball rich(irregular~net)														
175	# #		Mud ball decrease			Py											
180	# #																
185	# #																
190	# #		189.0m- Doleritic. Mud ball decrease. pore filled with Cal.														
195	# #																
200	# #																

MJTH-2柱状图 (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 (%)	Ba (%)	S (%)		
305	~ v ~ v	Tuff (Adlh)	dark green acidic Tuff Pl spoty. ((Qtz)) Dacite fragment															
310	~ v ~ v																	
315	~ v ~ v		312-318m dark green irregular patch			TB-7	313.8											
320	~ v ~ v		reddish brown in colour, Tuffaceous. Hematite network			W,XB-1	315.0											
325	v ~ v ~ v	Tuff breccia (Adlf)	322m- bluish green in colour. silicification start. gradually Qtz phenocryst distinct. reddish brown Dacite fragment increase			W,XB-2	325.0											
330	v ~ v ~ v		((Cp)) dissemination	:: ((Cp))		W,XB-3	330.0											
335	v ~ v ~ v			:: ((Py))		PB-2 PB-3	OB-1 OB-2	333.30 334.00	333.50 334.10	0.20 0.10	0.009 0.002	1.00 0.35	0.001 0.040	0.006 0.002	0.003 0.002	0.011 0.004	1.100 0.048	
	^ ~ ^ ~ ^	Dolerite (Dol)	336.8m- dark green Dolerite	:: ((Cp))		TB-8 W,XB-4		334.2 335.0										
340	v ~ v ~ v	Tuff breccia (Adlf)	338.2m- green acidic Tuff ~ Dacite	:: ((Cp))		PB-4, W,XB-5 PB-5	OB-3	340.0 342.20	342.40	0.20	0.034	3.35	0.021	0.017	0.017	0.018	3.200	
345	v ~ v ~ v		((Cp)) dissemination	:: ((Cp))		W,XB-6		345.0										
350	v ~ v ~ v	Tuff breccia (Adlf)	347.1m- dark gray Dolerite 348.3m- (f) Si. Tuff breccia ~ Dacite Hematite net			OB-4 PB-6, W,XB-7 PB-7	OB-5	349.30 350.0 352.30	349.50 350.0 352.50	0.20 0.20	0.007 0.046	1.00 8.20	0.020 0.008	0.004 0.006	0.069 0.017	0.025 0.040	0.793 1.370	
355	v ~ v ~ v		352.5m ((Sph,Py)) dissemination	:: ((Sph,Py))		PB-8, W,XB-8 PB-9	OB-6	355.0 355.50	356.00	0.50	<0.001	0.05	0.001	0.001	0.007	0.058	0.460	
360	^ ~ ^ ~ ^	Dolerite (Dol)	358.2m- dark green ~ dark gray compact Dolerite			TB-9 TB-10		357.2 361.0										
365	^ ~ ^ ~ ^																	
370	^ ~ ^ ~ ^																	
375	v ~ v ~ v	Tuff breccia (Adlf)	371.3m- dark gray (f) Si. Tuff breccia			OB-7 W,XB-9		372.00 373.0	372.20	0.20	0.005	0.05	<0.001	0.001	0.007	0.051	0.137	
	^ ~ ^ ~ ^	Dolerite (Dol)	374.8m- dark gray Dolerite 375.9m- (f) Si. Tuff breccia															
380	v ~ v ~ v	Tuff breccia (Adlf)	378.9m- dark gray Dolerite															
	^ ~ ^ ~ ^	Dolerite (Dol)																
385	v ~ v ~ v	Tuff breccia(Adlf)	380.5m- (f) Si. Tuff breccia 381.8m- Black fine compact Dolerite. partly Dacite fragment contain			OB-8		381.00	381.50	0.50	0.003	0.05	0.001	0.001	0.003	0.014	0.019	
	^ ~ ^ ~ ^	Dolerite (Dol)																
390	v ~ v ~ v	Dolerite (Dol)	389.3m- (f) Si. Tuff breccia 390.4m- Black compact Dolerite															
	^ ~ ^ ~ ^	Dolerite (Dol)																
395	v ~ v ~ v	Tuff breccia (Adlf)	396.2m- (f)Si. Tuff breccia			OB-9, W,XB-10 OB-10		397.00 398.00	397.50 398.50	0.50 0.50	0.001 0.002	0.05 0.05	0.001 0.001	0.001 0.001	0.006 0.003	0.048 0.015	0.443 0.011	
400	^ ~ ^ ~ ^		399.9m- Black compact Dolerite.															

MJTH-2柱状图 (4)

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 (%)	Ba (%)	S (%)	
		Dolerite Tuff breccia(Adf)	400.8m- (f)Si. Tuff Breccia 401.00m End														
405																	
410																	
415																	
420																	
425																	
430																	
435																	
440																	
445																	
450																	
455																	
460																	
465																	
470																	
475																	
480																	
485																	
490																	
495																	
500																	

MJTH-2柱状图 (5)

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 (%)	Ba (%)	S (%)
0	□ □	Talus	0m- Talus													
5	□ □ □ □ □ □ □ □															
10	□ □ □ □ □ □															
15	□ □ □ □															
20	# # △ # #	Basalt(Cbs)	16.0m- dark brown porphyritic Basalt ~Basaltic Tuff breccia Pl phenocryst 3mm φ													
25	△ △ △ △ △ △ △ △ △ △	Tuff breccia (Cbtf)	21.5m Clay zone W:5-10cm dark green Basaltic Lap.Tuff ~Tuff breccia bedding ∠10°													
30	• • • •	Sandstone (Cbtf)	30.6m- dark olive gray basic sandstone. partly reddish brown Mudstone layer (W:1cm) ∠80 bedding			TC-1	31.8									
35	# #	Basalt(Cbs)	33.5m- dark green Basalt. compact. Pl. irregular Mudstone at boundary													
40	# #		36.8m- Mud fragment in crack													
45	# #															
50	# #					TC-2	49.6									
55		Mudstone(Cms)	53.4m- reddish brown Mudstone. fine Tuff contain. crashed													
60	# # # # ^	Basalt(Cbs)	55.0m- dark olive green basic fine Tuff. Mudstone fragment. 58.45-58.60m sheared 58.6m- dark olive gray Basalt. compact. Mudstone in Crack 60.2m- dark greenish gray Doleritic. partly Hematite net pore filled with Calcite													
65	# # ^															
70	# # ^		crashed Hematite net													
75	# # ^															
80	# # ^															
85	# # ^															
8		Mudstone(Cms)	83.5m- reddish brown Mudstone													
90	# # ^	Basalt(Cbs)	85.7m- dark greenish gray Doleritic Basalt. Hematite net 89.1-90.0m amorphous silica penetrate 92.8-93.3m red Mn oxide net													
95	# # ^															
100	# # ^		Qtz block~irregular vein													

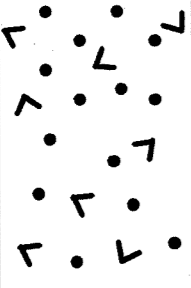
MJTH-3柱状图 (1)

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 (%)	Ba (%)	S (%)	
105	# # # # #	Basalt(Cbs)	dark green Doleritic Basalt. Milky Qtz vein(W:~5mm) 106.4-107.0m becciated. partly Mudstone fragment														
110	# # # # #																
115	# # # # #																
120	# # # # #		119.8m olive gray clay (W:5cm) 120.9-122.0m Epidote. brecciated partly Mudstone fragment														
125	# # # # #																
130	# # # # #		125.5m- Doleritic Cal. Veinlet 128.1-128.2m gray Cherty fragment 130.1-131.5m rich in Cal vein. 131.5m- dark green Doleritic Basalt														
135	# # # # #		brecciated. Cal. veinlet develop. 138.5-139.0m crashed														
140	# # # # #		141.1-141.3m sheared argil. 141.3m- dark greenish gray fine basic Tuff.														
145	# # # # #	Tuff (Cbtf)	irregular segregated Calcite 144.1m- dark green porphyritic Basalt. Doleritic			TC-3	143.0										
150	# # # # #	Basalt(Cbs)															
155	# # # # #	Tuff (Cbtf)	148.0m- dark greenish gray weakly argil. Fine Tuff (basic) irregular segregated Calcite. ((Py)) diss.	Py													
160	# # # # #	Mudstone(Cmd)	153.8m- black cherty Mudstone 155.8m- gray basic fine Tuff. partly black cherty Mudstone contain. ((Py)) diss.	Py													
165	# # # # #	Tuff (Cbtf)	162.0m- black Mudstone 163.6m- greenish gray sandy Tuff (basic) 165.9m- black cherty Mudstone														
170	# # # # #	Mudstone(Cmd)	168.0m- gray fine Sandstone~ Tuff														
175	# # # # #	Tuff (Cbtf)	172m- dark green Doleritic Basalt. partly amyg. pore filled with Cal.														
180	# # # # #																
185	# # # # #																
190	# # # # #																
195	# # # # #	Tuff (Cbtf)	193.9m- dark green Basic Tuff. partly coarse grain. $\angle 15^\circ$ 197.6m Cal vein W:2cm $\angle 70^\circ$ 197.7m- gray coarse Tuff ~ Sandstone. partly Silty~Muddy.														
200	# # # # #																

MJTH-3柱状图 (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 (%)	Ba (%)	S (%)			
205	• • • • • •	Tuff (Cbtf)	204.4m- dark greenish gray fine Tuff~Siltstone. $\angle 20^\circ$																
210		Mudstone (Cmd)	211.0m- ditto coarse Tuff ~Sandstone.			TC-5	212.5												
215	• • • • • •	Tuff (Cbtf)	215.1m- ditto fine Tuff~ Siltstone																
220		Mudstone (Cmd)	217.7m- dark green Basalt porphritic. pl. Cal veinlets			TC-6	222.2												
225		Mudstone (Cmd)	224.0m- dark green fine Tuff~ Siltstone																
230	• • • • • • • • • • • •	Tuff (Cbtf)	226.0m- ditto coarse Tuff~ Sandstone																
235		Mudstone (Cmd)	230.0-230.8m ditto fine Tuff. partly Silty $\angle 10\sim 15^\circ$																
240	• • • • • • • • • • • •	Tuff (Cbtf)	234.4-235.0m black Mudstone																
245		Mudstone (Cmd)	241.0m- deep olive~ deep gray fine Tuff~ Siltstone $\angle 10^\circ$																
250	= =	Tuff (Attf)	247.2m- green~ olive green (m) Silicified Tuff. Pl(2~3mm ϕ) spoty. partly dark green fragment		Si														
255	~ ~	Tuff (Attf)	250.0m- green layered Tuff. dark green elongated soapy patch.			TC-7	254.3												
260	~ ~	Mudstone (Cmd)	257.1m reddish brown Mudstone (W: 2cm) $\angle 20^\circ$			W,XC-1	258.0												
265	△ △	Dacite (Adcl)	260.2m- deep gray (m)~(f) Silicified Dacite. Brecciated. ((Py))		Py	W,XC-2	262.0												
270	△ △	Dacite (Adcl)	262.3m- olive gray aphyritic weakly Silicified Dacite. Pl. spoty.		Si	TC-8	264.0												
275	△ △	Dacite (Adcl)	264.6m- ditto brecciated Dacite.			PC-1	266.6												
280	△ △	Dacite (Adcl)	271.3m- gray (p) argil. Tuff-breccia ~Dacite. rich in Qtz, Pl. Py dissemination		argil	W,XC-3	267.0												
285	△ △	Dacite (Adcl)	273.0m- blueish gray (f) Silicified Dacite. Brecciated. white spot. (Py), ((Cp, Sph)) dissemination		((Cp))	PC-2	269.5												
290	△ △	Dacite (Adcl)	280m- olive gray aphyritic weakly Silicified Dacite. Pl. spoty.		Si	OC-1	270.50	271.00	0.50	0.001	0.35	0.012	0.002	0.014	0.056	0.177			
295	△ △	Dacite (Adcl)	282.0m- ditto brecciated Dacite~ Tuff Breccia. fragment: gray aphyritic (f) Silicified Dacite. (Py),((Cp,Sph)) dissemination		((Cp,Sph))	OC-2	271.30	271.80	0.50	0.015	0.90	0.002	0.004	0.014	0.022	0.885			
300	△ △	Dacite (Adcl)	289.4-299.8m m(Si) Sandy Tuff			OC-3, W,X-4	271.80	272.30	0.50	0.006	1.45	0.002	0.006	0.003	0.011	1.610			
						PC-3	OC-4	272.30	273.00	0.70	"	1.10	0.002	0.004	0.004	0.011	1.240		
							OC-5	274.00	274.50	0.50	0.004	1.20	0.011	0.007	0.023	0.041	0.609		
							OC-6	274.50	275.00	0.50	0.005	2.75	0.014	0.014	0.023	0.059	1.700		
							W,XC-5	277.0											
							W,XC-6	282.0											
							PC-4	283.1											
							OC-7	283.50	284.00	0.50	0.002	0.35	0.004	0.001	0.026	0.024	0.489		
							OC-8	284.00	284.50	0.50	<0.001	0.15	0.004	0.001	0.016	0.028	0.318		
							PC-5	285.2											
							PC-6, W,X-7	286.3											
							PC-7	OC-9	287.50	288.00	0.50	0.001	0.25	0.006	0.002	0.017	0.062	0.717	
							PC-8	288.4											
							TC-9	PC-9	290.5										
							W,XC-8	292.0											
							OC-10	293.00	293.50	0.50	0.046	2.30	0.005	0.007	0.005	0.034	1.330		
							PC-10	295.2											
							W,XC-9	297.0											

MJTH-3柱状图 (3)

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 (%)	Ba (%)	S (%)		
305		Tuff (Ats)	300.2m- gray (f) Si acidic sandy Tuff. Py rare. ∠45°		Si	W.XC-10	302.0											
							TC-10	303.5										
310			308.40m End															
315																		
320																		
325																		
330																		
335																		
340																		
345																		
350																		
355																		
360																		
365																		
370																		
375																		
380																		
385																		
390																		
395																		
400																		

MJTH-3柱状图 (4)