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Appendixes

Appendix 1

Microscopic Observation of Thin Section

Appendix 1 Microscopic Observation of Thin Section (Tunca Area)

No.	Sample	Coodinates		Rock	Rock Name	Texture	Phenocrysts										Groundmass											Secondary Minerals										Remarks
		UTM-E	UTM-N				Q	Pl	Ab	Bt	Hn	Au	Ol	Fe	Ap	Sp	G	Q	Pl	Ab	Bt	Px	Au	Ol	Op	Fe	Ap	Il	Q	Py	Cl	Ch	Ser	Cal	Ep	Hm	Ze	Fe	
1	E004	78568	55235	Dcb	Apatite bearing Hornblende Biotite Dacite	Intergranular, Porphyritic		◎		○	○			○	△		○		◎	○	○					○						△	△						△	fresh
2	E007	76577	56001	Attf	Pumiceous Tuff												◎												◎	△		△	△	◎					strongly silicified
3	E012	78085	54759	Atf	Tuff												◎	◎	○							△			◎	△		○	○	△	△				strongly altered. Dacite fragment.
4	E020	76426	55676	Attf	Lapilli Tuff												◎	○	○										◎	△		△	○		・				silicified Dacite fragment.
5	E022	76350	55695	Attf	Lapilli Tuff												◎		△										◎			・	△	○					strongly silicified. Dacite fragment.
6	E024	76297	55183	Attf	Lapilli Tuff												○	△	△										◎	・		△	△						strongly silicified
7	E026	76237	55560	Attf	Rhyolitic Tuff												○		△										◎			△	△					・	
8	E031	76160	55500	Cms	Red Mudstone																								○										Mn Oxide dissemination
9	E033	77010	55040	Dol	Augite and Olivine bearing Basalt	Intergranular, Amygdaloidal		・				・	・				△		◎				◎	△		△			△		△	△						
10	E038	77041	55316	Cbs	Plagioclase phyric Basalt	Intersertal, Amygdaloidal		◎											○				△			△								△				△	
11	F016	76555	56565	Ctf	Lapilli Tuff												○	◎	○							△			◎	△		△		◎					strongly silicified. Dacite fragment.
12	F017	76560	56578	Cmd	Mudstone																								△		△								
13	F022	75768	54592	Adcp	Aphyric Dacite (Rhyolite)	Cryptocrystalline, Porphyritic		△						・			◎		△										△	△		△						・	
14	F028	78465	54960	Dol	Augite Basalt	Intersertal, Porphyritic		◎				△					◎		◎				◎						△			△						○	fresh
15	F033	76340	55804	Cms	Red Calcareous Mudstone																													○					foraminifera
16	F034	76315	55715	Cbs	Olivine bearing Basalt	Intersertal, Porphyritic		◎					△				◎		◎				△			○			○		△	○						△	
17	F037	76325	55498	Dol	Olivine Augite Dolerite	Subophitic											△		◎	△			◎	○		○					△	○	△	△					
18	G004	76520	55770	Attf	Tuff												◎	△											◎	○			△						strongly silicified
19	G016	78895	54765	Cbtf	Basaltic lapilli Tuff												◎		△										◎	・	△	○		◎				△	strongly Carbonatizationed and silicified. Basalt
20	G021	77380	55395	Adcg	Aphyric Dacite (Rhyolite)	Hyalopilitic, Porphyritic	△	△									◎												◎		△			○				△	strongly silicified
21	G027	77260	55065	Dol	Plagioclase phyric Basalt	Intersertal, Amygdaloidal		○									◎		◎				△			○			△	・		○		○					
22	G031	77350	56235	Stf	Lapilli Tuff~Coarse Tuff												◎												○	・	△	○						・	Dacite fragment.
23	G041	76910	54295	Adcl	Aphyric Dacite (Rhyolite)	Cryptocrystalline		△									◎	○	◎	△									△	・		△	△	△					
24	G044	76660	54400	Adcg	Aphyric Dacite (Rhyolite)	Hyalopilitic		△									◎												◎	・	△	△	△	○					strongly silicified
25	G048	77625	55415	Dcp	Porphyritic Dacite	Hyalopilitic, Porphyritic	○	○									◎		△										◎		△							○	strongly silicified
26	G050	77295	55330	Adcp	Porphyritic Dacite	Porphyritic	△	△									◎												◎			△						△	strongly silicified
27	G051	77280	55335	Adcg	Aphyric Dacite (Rhyolite)	Hyalopilitic	△	△									◎												◎		△	△						○	strongly silicified
28	H001	78440	55070	Cbtf	Basaltic lapilli Tuff			△									◎		○										△		・	△	△		△			・	Basalt fragment
29	H007	77555	55075	Attf	Lapilli Tuff		○	△									◎	○	△										○		△	△	△	○				△	Basalt, Dacite fragment
30	H009	77870	55050	Dol	Aphyric Basalt	Intersertal, Amygdaloidal		△									◎		◎				○			○			△		△	△		△					

◎ : abundant, ○ : common, △ : few, ・ : rare, Q : Quartz, Pl : Plagioclase, Ab : Albite, Bt : Biotite, Hn : Hornblende, Au : Augite, Ol : Olivine, Fe : Iron Mineral, Ap : Apatite, Sp : Sphane, G : Glass, Op : Opaque Mineral, Il : Ilmenite, Py : Pyrite, Cl : Clay, Ch : Chlorite, Ser : Sercite, Cal : Calcite, Ep : Epidote, Hm : Hematite, Ze : Zeolite.

Appendix 1 Microscopic Observation of Thin Section (Murgul Area)

No.	Sample	Coodinates		Rock	Rock Name	Texture	Phenocrysts										Groundmass											Secondary Minerals										Remarks
		UTM-E	UTM-N				Q	Pl	Ab	Bt	Hn	Au	Ol	Fe	Ap	Sp	G	Q	Pl	Ab	Bt	Px	Au	Ol	Op	Fe	Ap	Il	Q	Py	Cl	Ch	Ser	Cal	Ep	Hm	Ze	Fe	
1	J002	721066	4573667	Abs	Mafic Andesitic lapilli Tuff												◎		◎							△			·	·	△	○		△					Andesite fragment
2	J020	714965	4568784	Dol	Dolerite	Porphyritic		△									○		◎	△			◎			○					△	○		△					Dacite fragment
3	K022	720900	4572085	Mdcl	Dacitic (Rhyolitic) lapilli Tuff												◎	◎	◎										◎	△	○		◎					△	strongly silicified
4	K047	713660	4570245	Mdlt	Dacitic (Rhyolitic) coarse Tuff												◎	○											◎		○	△	△	○				△	Dacite fragment, strongly silicified
5	K051	713855	4570155	Mdcl	Porphyritic Dacite (Rhyolite)	Porphyritic, Cryptocrystalline	○	○									◎	◎	◎	○						△			◎		△	△	◎						strongly altered
6	K052	713870	4570240	Mdlt	Dacitic (Rhyolitic) lapilli Tuff												◎	◎	◎										○		○	○	○	○					Dacite fragment
7	K083	716035	4568745	Mdc	Porphyritic Dacite (Rhyolite)	Porphyritic, Cryptocrystalline	○										◎								·				◎	○	△	△	○						strongly silicified
8	K085	716070	4568660	Mdlt	Fine Tuff												◎												◎	△	○	○		○					altered rock fragment, strongly silicified
9	K086	716345	4568670	Mdlt	Dacitic (Rhyolitic) lapilli Tuff												◎	△											◎	·	△	○		△					Dacite fragment, strongly silicified
10	K087	716300	4568650	Kd	Biotite bearing hornblende Dacite (Rhyolite)	Porphyritic, Cryptocrystalline	◎	◎		·	△						△	◎	◎	○	△					△			○		△	△	△	△					rich in Quartz phenocryst
11	K088	716235	4573145	Kd	Hornblende Dacite (Rhyolite)	Porphyritic, Cryptocrystalline	◎	◎			△						△	◎	◎	○						△			△		△	△	△	△				△	
12	K093	716130	4573185	Kdp	Lapilli Tuff												◎	◎	◎							△			○	△	△	○	△	△					Dacite fragment
13	K094	715845	4573450	Kms	Red Calcareous Mudstone																																		foraminifera
14	K098	716575	4571990	Atf	Coarse Tuff												◎	◎	△		△					△			△			△	△	△				·	Dacite,Basalt fragment
15	K115	718980	4571810	Kmd	Red Calcareous Tuffaceous Mudstone																																		foraminifera
16	K147	721897	4570896	Abs	Lapilli Tuff												◎		○							△			△	·	△	△	△					△	Dacite,Basalt, Andesite fragment
17	L002	713470	4567051	Gr	Biotite hornblende Adamellite (Quartz Monzonite)	Unequigranular	◎	◎	○	△	○			○	△																							
18	L008	713494	4567634	Kv	Fine Tuff												◎	△	○							△						○		△					
19	L009	713841	4570002	Mdcl	Silicified Rock														△										◎	△			○	△					strongly silicified
20	L013	712865	4567081	Mdcl	Dacitic (Rhyolitic) Tuff												◎	△	△										◎			△	○	△		·			strongly silicified
21	L026	713181	4567186	Kv	Fine Tuff												◎	○	◎							△													
22	L028	713566	4568907	Kv	Coarse Tuff												◎												◎		○	○		△					Basalt, Andesite fragment, strongly silicified
23	L034	714596	4569680	Mdcl	Dacitic (Rhyolitic) course Tuff												◎	○	○							△			○		△	△	△					△	Dacite fragment
24	L038	715759	4571447	Mms	Red Sandy Mudstone													△	○																				
25	L057	716377	4570622	Kd	Porphyritic Dacite (Rhyolite)	Porphyritic	△	◎			·			△			◎	◎	◎	○									○		△	△		△	△				
26	L062	713770	4569103	Abs	Porphyritic Pyroxene Andesite	Porphyritic Glomeroporphyriti		◎			△	△		○			◎		○	○						△			△		△	△		△					
27	L075	717874	4574193	Kmd	Mudstone													△											◎		△	△						△	
28	L083	720943	4572890	Amd	Calcareous Mudstone																								△					○				△	
29	L095	721363	4572092	Mdcl	Aphyric Dacite													◎	◎	△						△			◎	△	△	△	○						strongly silicified
30	L102	721912	4573781	Gr	Biotite Granodiorite	Equigranular	◎	◎		△				△																		△	△				·	

◎ : abundant, ○ : common, △ : few, · : rare, Q : Quartz, Pl : Plagioclase, Ab : Albite, Bt : Biotite, Hn : Hornblende, Au : Augite, Ol : Olivine, Fe : Iron Mineral, Ap : Apatite, Sp : Sphane, G : Glass, Op : Opaque Mineral, Il : Ilmenite, Py : Pyrite, Cl : Clay, Ch : Chlorite, Ser : Sercite, Cal : Calcite, Ep : Epidote, Hm : Hematite, Ze : Zeolite.

Appendix 1 Microscopic Observation of Thin Section (Drilling Core)

No.	Sample	Drilling No.	Depth m	Rock	Rock Name	Texture	Phenocrysts										Groundmass										Secondary Minerals									Remarks
							Q	Pl	Ab	Bt	Hn	Au	Ol	Fe	Ap	Sp	G	Q	Pl	Ab	Bt	Px	Au	Ol	Op	Fe	Ap	Il	Q	Py	Cl	Ch	Ser	Cal	Ep	Hm	Ze	Fe	
1	TA-1	MJTH-1	68.4	Cbs	Aphyric Basalt	Intersertal, Amygdaloidal		△									○		◎				○			○			○		·	○		○			△		strongly altered.
2	TA-2	MJTH-1	87.7	Dol	Dolerite	Subophitic	△	△									△		◎	△			◎			○			○		·	○		○					strongly altered.
3	TA-3	MJTH-1	173.0	Adcp	Aphyric Dacite (Rhyolite)	Cryptocrystalline	△	△									◎	◎	◎										◎		△		○	△					strongly silicified
4	TA-4	MJTH-1	177.0	Adcp	Aphyric Dacite (Rhyolite)	Cryptocrystalline	△	△									◎	◎	◎										◎		△			△					strongly silicified
5	TA-5	MJTH-1	195.0	Adcp	Aphyric Dacite (Rhyolite)	Cryptocrystalline		△									◎	◎	◎										◎		·			△					strongly silicified
6	TA-6	MJTH-1	210.0	Adcp	Dacitic (Rhyolitic) lapilli Tuff												◎		△										◎	·	△	△	△						strongly silicified, Dacite fragment
7	TA-7	MJTH-1	226.6	Dol	Olivine bearing Basalt	Intersertal, Subophitic		△					·				△		◎				◎	△		○			·		·	△		·					
8	TA-8	MJTH-1	236.8	Atf	Lapilli Tuff												◎		△										○		△	·	○	○					Dacite, Andesite fragment.
9	TA-9	MJTH-1	260.3	Dol	Quartz Dolerite	Subophitic		△									△	○	◎	△	·		◎			○			·			△		·	·				fresh
10	TA-10	MJTH-1	278.0	Adlv	Porphyritic Dacite (Rhyolite)	Hyalopilitic, Porphyritic	◎	◎					△				◎	◎	◎	○									◎		○	△	○	△					strongly silicified
11	TB-1	MJTH-2	52.8	Cbs	Augite bearing Basalt	Intersertal, Amygdaloidal		◎				△					◎		◎				○			·			△		·	△		△	△		·		
12	TB-2	MJTH-2	66.8	Dcp	Hornblende Dacite (Rhyolite)	Cryptocrystalline, Porphyritic	○	○			△			·			◎	◎	◎	○						·			△	·		·		△	·				
13	TB-3	MJTH-2	151.3	Cms	Red Calcareous Mudstone																																		foraminifera
14	TB-4	MJTH-2	221.0	Cbtf	Lapilli Tuff																									△	○		○			·		strongly altered, Basalt, Dacite
15	TB-5	MJTH-2	254.5	Dcpf	Biotite Dacite (Rhyolite)		○	◎		△				·			◎	◎	◎	○						·			△		·			·					
16	TB-6	MJTH-2	287.4	Adlh	Dacitic (Rhyolitic) coarse Tuff～lapilli Tuff												◎	○	◎		△								△	·		△	△		△				primaly sediment
17	TB-7	MJTH-2	313.8	Adlh	Dacitic (Rhyolitic) coarse Tuff～lapilli Tuff												◎	◎	◎							△			△			△	△						primaly sediment
18	TB-8	MJTH-2	334.2	Adlf	Dacitic (Rhyolitic) lapilli Tuff～Tuff												◎	◎	◎										○	·		△	△		△				Andesite,Dacite fragment
19	TB-9	MJTH-2	357.2	Adlf	Dacitic (Rhyolitic) lapilli Tuff～Tuff												◎	◎	◎										○	·		△	△		△				Dacite fragment primaly sediment
20	TB-10	MJTH-2	361.0	Dol	Dolerite	Ophitic											△	○	◎	△			◎			◎						△						fresh
21	TC-1	MJTH-3	31.8	Cbtf	Basaltic lapilli Tuff～Tuff												◎		◎										○		○	○	○					△	Basalt.Mudstone
22	TC-2	MJTH-3	49.6	Cbs	Basaltic lapilli Tuff～Tuff												◎												○		○	○			△				Basalt.Mudstone
23	TC-3	MJTH-3	143.0	Cms	Mudstone													○	△														○					
24	TC-4	MJTH-3	161.3	Cbtf	Calcareous sandy Tuff												○	○	△													△		○					
25	TC-5	MJTH-3	212.5	Cbtf	Coarse Tuff																											○		○					Basalt fragment
26	TC-6	MJTH-3	222.2	Cbs	Augite Basalt	Porphyritic, Intergranular		△				△					○		◎	△			◎			△					○	○		○	○				
27	TC-7	MJTH-3	254.3	Attf	Tuff													△								△						◎	◎	○					altered rock fragment
28	TC-8	MJTH-3	264.0	Adcl	Nearly aphyric Dacite			△									◎		◎	△						△			△		·	△		·					fresh
29	TC-9	MJTH-3	290.4	Atf	Dacitic (Rhyolitic) Tuff breccia												·			·						△			◎			○	○						Dacite fragment strongly silicified
30	TC-10	MJTH-3	303.5	Ats	Fine Tuff												◎	◎	△												△	○	△	○					

◎ : abundant, ○ : common, △ : few, · : rare, Q : Quartz, Pl : Plagioclase, Ab : Albite, Bt : Biotite, Hn : Hornblende, Au : Augite, Ol : Olivine, Fe : Iron Mineral, Ap : Apatite, Sp : Sphane, G : Glass, Op : Opaque Mineral, Il : Ilmenite, Py : Pyrite, Cl : Clay, Ch : Chlorite, Ser : Sercite, Cal : Calcite, Ep : Epidote, Hm : Hematite, Ze : Zeolite.

Appendix 2

Microscopic Observation of Polished Section

Appendix 2 Microscopic Observation of Polished Section (Tunca Area)

No.	Sample	Location	Coodinates		Ore Type	Py	Mc	Hm	Sp	Gn	Cp	Bn	Dg	Cv	Tet	Remarks
			UTM-E	UTM-N												
1	E009	Şenyuva	76526	55880	Silicified Tuff breccia with Pyrite, Chalcopyrite.	△	・		・	・	◎					
2	E014	Tunca, West	77892	54714	Pyrite vein. coarse grain.	◎	・				・	・				
3	E016	Tunca, West	77896	54720	Silicified Dacite with Pyrite.	○					○					
4	E019	Şenyuva	76514	55725	Silicified Tuff breccia with Pyrite, Chalcopyrite.	○	・		△	・	◎	・		・		
5	F024	Tunca	78168	54720	Pyrite ore.	◎	△				・	・				
6	F025	Tunca	78204	54775	Pyrite ore.	◎	○				・					
7	G008	Şenyuva	76525	56115	Argilized Tuff with Pyrite.	△			・		・					
8	G033	Tunca, South	78220	54580	Tuff breccia with Sphalerite, Pyrite, Barite.	◎			○	・	・			・	・	
9	G034	Tunca, South	78220	54580	Tuff breccia with Sphalerite, Pyrite, Barite.	◎			○		・			・	・	
10	G042	Kirazlik, East	76800	54365	Silicified Tuff breccia with Pyrite.	◎	・				・					

Appendix 2 Microscopic Observation of Polished Section (Murgul Area)

No.	Sample	Location	Coodinates		Ore Type	Py	Mc	Hm	Sp	Gn	Cp	Bn	Dg	Cv	Tet	Remarks
			UTM-E	UTM-N												
1	K010	Kokolet	720250	4571370	Silicified Dacite with Pyrite, Sphalerite	○	・		・		・					
2	K062	Karagöl	718210	4567620	Silicified Tuff breccia with Pyrite	◎	・				・	・				
3	K063	Kızılkaya	718225	4567640	Silicified Tuff breccia with Pyrite	◎	・		△	・	△				・	
4	K084	Murgul, Çakmakkaya	716065	4568770	Silicified Dacite with Pyrite, Chalcopyrite	◎	・		・		△					
5	K150	Kızılkaya	717940	4570815	Silicified Dacite with Pyrite, Chalcopyrite	◎	・		・	・	◎			・		
6	L014	Kokolet	721978	4571396	Silicified Dacite with Pyrite	◎					・					
7	L015	Lepüskür	716346	4567335	Silicified Dacite with Pyrite	◎			・		・					
8	L018	Lepüskür	717008	4567128	Silicified Dacite with Pyrite	◎			・		・					
9	L041	Murgul	714252	4570061	Silicified Dacite with Pyrite	○			・		○					
10	L092	Kokolet	721297	4571843	Silicified Dacite with Pyrite	○					・					

◎ : abundant, ○ : common, △ : few, ・ : rare

Py : Pyrite, Mc : Marcacite, Hm : Hematite, Sp : Sphalerite, Gn : Galena, Cp : Chalcopyrite, Bn : Bornite, Dg : Digenite, Cv : Covellite, Tet : Tetrahedrite

Appendix 2 Microscopic Observation of Polished Section (Drilling Core)

No.	Sample	Drilling No.	Depth m	Description	Py	Mc	Hm	Sp	Gn	Cp	Bn	Dg	Cv	Tet	Remarks
1	PA-1	MJTH-1	17.0	Pyrite dissemination in Basalt	○										
2	PA-2	MJTH-1	44.0	Pyrite dissemination in Basalt. Calcite network	○	・		・							
3	PA-3	MJTH-1	113.5	Pyrite dissemination in Purple Dacite	○	・									
4	PA-4	MJTH-1	169.0	Pyrite dissemination in Dolerite	○										
5	PA-5	MJTH-1	193.6	Pyrite dissemination in Purple Dacite	○	・									
6	PA-6	MJTH-1	229.9	Pyrite dissemination in Dolerite	○										
7	PA-7	MJTH-1	245.5	Pyrite dissemination in Purple Dacite	○	・		・		・					
8	PA-8	MJTH-1	246.3	Pyrite dissemination in Purple Dacite	○	・									
9	PA-9	MJTH-1	277.4	Pyrite dissemination in Dolerite	○										
10	PA-10	MJTH-1	279.6	Pyrite dissemination in Porphyritic Dacite	○	・		・							
11	PB-1	MJTH-2	176.0	Pyrite dissemination in Basalt	◎	・									
12	PB-2	MJTH-2	333.4	Chalcopyrite dissemination in silicified Tuff breccia	○			△		△					
13	PB-3	MJTH-2	334.1	Chalcopyrite dissemination in silicified Tuff breccia	△			・		○					
14	PB-4	MJTH-2	340.0	Chalcopyrite dissemination in silicified Tuff breccia	△					△					
15	PB-5	MJTH-2	342.3	Chalcopyrite dissemination in silicified Tuff breccia	○		○	・		◎					
16	PB-6	MJTH-2	350.0	Chalcopyrite dissemination in silicified Tuff breccia	○		△	△		○					
17	PB-7	MJTH-2	352.5	Chalcopyrite dissemination in silicified Tuff breccia	△			・		△					
18	PB-8	MJTH-2	355.0	Chalcopyrite dissemination in silicified Tuff breccia	△		△	・		・					
19	PB-9	MJTH-2	355.5	Chalcopyrite dissemination in silicified Tuff breccia	・			・		△					
20	PB-10	MJTH-2	357.0	Chalcopyrite dissemination in silicified Tuff breccia	△			・		・					
21	PC-1	MJTH-3	266.6	Siliceous ore with Pyrite.	○	△				・					
22	PC-2	MJTH-3	269.5	Siliceous ore with Pyrite.	○	△				・					
23	PC-3	MJTH-3	272.4	Siliceous ore with Pyrite, Chalcopyrite and Sphalerite.	○	・		・	・	△					
24	PC-4	MJTH-3	283.1	Siliceous ore with Pyrite, Chalcopyrite and Sphalerite.	○	・		・		△	・				
25	PC-5	MJTH-3	285.2	Siliceous ore with Pyrite, Chalcopyrite and Sphalerite.	○	・		・		△	・				
26	PC-6	MJTH-3	286.3	Siliceous ore with Pyrite.	◎					・					
27	PC-7	MJTH-3	287.7	Siliceous ore with Pyrite.	◎					・					
28	PC-8	MJTH-3	288.4	Siliceous ore with Pyrite.	○					・					
29	PC-9	MJTH-3	290.5	Siliceous ore with Pyrite.	◎					・					
30	PC-10	MJTH-3	295.2	Siliceous ore with Pyrite.	○					・					

◎ : abundant, ○ : common, △ : few, ・ : rare

Py : Pyrite, Mc : Marcacite, Hm : Hematite, Sp : Sphalerite, Gn : Galena, Cp : Chalcopyrite, Bn : Bornite, Dg : Digenite, Cv : Covellite, Tet : Tetrahedrite

Appendix 3

Results of Ore Grade Assay

Appendix 3 Results of Ore Grade Assay (Tunca Area)

No.	Sample	Location	Coodinates		Ore Type	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Ba (%)	S (%)	Ga (ppm)	Ge (ppm)	In (ppm)	As (ppm)	Remarks
			UTM-E	UTM-N													
1	E014	Tunca West	77892	54714	Coarse grained Pyrite vein.	0.084	4.35	0.010	0.009	0.008	0.001	50.710	2	<1	<1	18	
2	E016	〃	77896	54720	Siliceous ore Pyrite dissemination	0.014	1.00	0.001	0.012	0.003	0.026	2.150	10	1	<1	15	
3	E019	Şenyuva	76514	55725	Siliceous ore Chalcopyrite Pyrite dissemination	0.257	26.50	1.240	0.019	3.690	5.602	13.700	20	4	<1	172	
4	F024	Tunca	78168	54720	Massive Pyrite ore	0.420	5.00	0.022	0.003	0.024	0.002	32.900	10	2	<1	79	
5	F025	〃	78204	54775	〃	0.267	4.65	0.104	0.026	0.083	<0.001	47.800	5	1	<1	729	
6	G008	Şenyuva North	76525	56115	Silicified and Argilized Tuff. Pyrite dissemination	<0.001	1.20	0.004	0.023	0.011	0.941	0.076	32	1	<1	174	
7	G033	Tunca South	78220	54580	Silicified Tuff. Sphalerite Pyrite dissemination	0.720	8.55	0.289	0.025	2.890	7.440	2.700	6	13	<1	2,080	
8	G034	〃	78220	54580	〃	0.111	19.60	0.255	0.024	2.320	5.910	4.850	12	11	<1	1,300	
9	G040	Kirazlık East	76950	54270	Silicified Dacite. Pyrite dissemination	0.003	0.90	0.001	0.001	0.008	0.025	0.113	10	1	<1	16	
10	G041	〃	76910	54295	〃	0.007	1.00	0.001	0.001	0.024	0.091	0.220	14	1	<1	20	

Appendix 3 Results of Ore Grade Assay (Murgul Area)

No.	Sample	Location	Coodinates		Ore Type	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Ba (%)	S (%)	Ga (ppm)	Ge (ppm)	In (ppm)	As (ppm)	Remarks
			UTM-E	UTM-N													
1	J003	Kokolet	721060	4573629	Barite ore	0.009	0.15	0.005	<0.001	0.005	3.350	0.186	11	<1	<10	1	
2	K010	〃	720250	4571370	Siliceous Dacite Pyrite dissemination	<0.001	0.15	0.010	0.002	0.041	0.019	0.998	14	<1	<10	8	
3	K034	〃	721430	4573330	Siliceous Rock Pyrite dissemination	0.040	0.05	<0.001	0.001	0.009	0.012	0.945	13	<1	<10	7	
4	K062	Karagöl	718210	4567620	Siliceous Dacite Pyrite dissemination	0.107	0.06	0.002	0.001	<0.001	0.029	15.800	7	<1	<10	79	
5	K063	〃	718225	4567640	〃	0.004	20.00	0.003	0.005	0.002	0.032	13.600	10	<1	<10	239	
6	K150	Kızılkaya	717940	4570815	Argilized Dacite. Chalcopyrite Pyrite dissemination	0.391	3.35	0.017	0.011	0.081	0.084	7.150	9	<1	<10	34	
7	K153	〃	717790	4571465	Siliceous Dacite. Pyrite dissemination	0.120	2.60	0.030	0.025	0.001	0.590	0.238	8	<1	<10	56	
8	L015	Çarkbaşı	716346	4567335	Siliceous Dacite. Pyrite dissemination. Quartz vein	0.013	0.15	0.001	0.001	0.001	0.029	1.360	12	<1	<10	2	
9	L041	Murgul	714252	4570061	Siliceous Dacite Pyrite dissemination	0.006	0.15	<0.001	<0.001	0.001	0.034	3.460	7	<1	<10	2	
10	L092	Kokolet	721297	4571843	〃	0.001	0.05	<0.001	<0.001	<0.001	0.037	1.850	21	<1	<10	1	

Appendix 3 Results of Ore Grade Assay (Drilling Core)

No.	Sample	Drilling No.	Depth(m) From	Depth(m) To	Ore Type	Au (ppm)	Ag (ppm)	Cu (%)	Pb (%)	Zn (%)	Ba (%)	S (%)	Ga (ppm)	Ge (ppm)	In (ppm)	As (ppm)	Remarks
1	OA-1	MJTH-1	15.00	15.30 (0.30)	Basalt. Pyrite dissemination	<0.001	0.90	<0.001	<0.001	0.004	0.005	2.560	2	<1	<10	6	
2	OA-2	〃	44.50	45.00 (0.50)	〃	<0.001	0.25	0.005	<0.001	0.004	0.006	3.700	4	<1	<10	5	
3	OA-3	〃	111.20	111.40 (0.20)	〃	0.007	0.25	0.017	0.001	0.008	0.064	3.840	5	<1	<10	17	
4	OA-4	〃	113.50	114.00 (0.50)	Argilized Purple Dacite. Pyrite dissemination	0.001	0.15	0.001	<0.001	0.004	0.010	2.460	26	<1	<10	3	
5	OA-5	〃	114.00	114.50 (0.50)	〃	0.001	0.05	<0.001	<0.001	0.002	0.016	3.400	17	<1	<10	6	
6	OA-6	〃	114.50	115.00 (0.50)	〃	0.001	0.05	<0.001	<0.001	0.009	0.010	1.180	17	<1	<10	4	
7	OA-7	〃	238.50	239.00 (0.50)	Tuff breccia. Pyrite dissemination	0.023	0.15	0.001	<0.001	0.001	0.007	2.180	16	<1	<10	4	
8	OA-8	〃	280.00	280.50 (0.50)	Argilized Dacite. Pyrite dissemination	0.001	<0.01	0.001	<0.001	0.002	0.021	0.427	8	<1	<10	3	
9	OA-9	〃	282.10	282.60 (0.50)	〃	<0.001	0.05	0.006	<0.001	0.001	0.007	0.408	8	<1	<10	6	
10	OA-10	〃	282.60	283.10 (0.50)	〃	<0.001	0.05	0.005	0.001	0.002	0.029	0.376	11	<1	<10	6	
11	OB-1	MJTH-2	333.30	333.50 (0.20)	Silicified Tuff breccia. Pyrite dissemination	0.009	1.00	0.001	0.006	0.003	0.011	1.100	13	<1	<10	119	
12	OB-2	〃	334.00	334.10 (0.10)	Silicified Tuff breccia. Chalcopyrite dissemination	0.002	0.35	0.040	0.002	0.002	0.004	0.048	10	<1	<10	1	
13	OB-3	〃	342.20	342.40 (0.20)	〃	0.034	3.35	0.021	0.017	0.017	0.018	3.200	17	<1	<10	176	
14	OB-4	〃	349.30	349.50 (0.20)	Silicified Tuff breccia. Chalcopyrite Sphalerite dissemination	0.007	1.00	0.020	0.004	0.069	0.025	0.793	32	<1	<10	34	
15	OB-5	〃	352.30	352.50 (0.20)	〃	0.046	8.20	0.008	0.006	0.017	0.040	1.370	27	<1	<10	98	
16	OB-6	〃	355.50	356.00 (0.50)	Silicified Tuff breccia. Pyrite dissemination	<0.001	0.05	0.001	0.001	0.007	0.058	0.460	18	<1	<10	4	
17	OB-7	〃	372.00	372.20 (0.20)	〃	0.005	0.05	<0.001	0.001	0.007	0.051	0.137	14	<1	<10	3	
18	OB-8	〃	381.00	381.50 (0.50)	〃	0.003	0.05	0.001	0.001	0.003	0.014	0.019	12	<1	<10	1	
19	OB-9	〃	397.00	397.50 (0.50)	〃	0.001	0.05	0.001	0.001	0.006	0.048	0.443	15	<1	<10	5	
20	OB-10	〃	398.00	398.50 (0.50)	〃	0.002	0.05	0.001	0.001	0.003	0.015	0.011	13	<1	<10	1	
21	OC-1	MJTH-3	270.50	271.00 (0.50)	Silicified Dacite. Pyrite dissemination	0.001	0.35	0.012	0.002	0.014	0.056	0.177	14	<1	<10	4	
22	OC-2	〃	271.30	271.80 (0.50)	Argilized Tuff breccia. Pyrite dissemination	0.015	0.90	0.002	0.004	0.014	0.022	0.885	19	<1	<10	71	
23	OC-3	〃	271.80	272.30 (0.50)	〃	0.006	1.45	0.002	0.006	0.003	0.011	1.610	22	<1	<10	111	
24	OC-4	〃	272.30	273.00 (0.70)	〃	〃	1.10	0.002	0.004	0.004	0.011	1.240	26	<1	<10	71	
25	OC-5	〃	274.00	274.50 (0.50)	Silicified Dacite. Pyrite dissemination	0.004	1.20	0.011	0.007	0.023	0.041	0.609	24	<1	<10	39	
26	OC-6	〃	274.50	275.00 (0.50)	〃	0.005	2.75	0.014	0.014	0.023	0.059	1.700	28	<1	<10	<1	
27	OC-7	〃	283.50	284.00 (0.50)	Silicified Tuff breccia. Pyrite dissemination	0.002	0.35	0.004	0.001	0.026	0.024	0.489	18	<1	<10	125	
28	OC-8	〃	284.00	284.50 (0.50)	〃	<0.001	0.15	0.004	0.001	0.016	0.028	0.318	15	<1	<10	8	
29	OC-9	〃	287.50	288.00 (0.50)	〃	0.001	0.25	0.006	0.002	0.017	0.062	0.717	16	<1	<10	8	
30	OC-10	〃	293.00	293.50 (0.50)	〃	0.046	2.30	0.005	0.007	0.005	0.034	1.330	15	<1	<10	55	

Appendix 4

Results of Chemical Analysis for Rock Specimens

Appendix 4 Results of Chemical Analysis for Rock Specimens (Tunca Area(1))

No.	Sample	Coodinates		Rock	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		UTM-E	UTM-N	Type	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
1	E003	75926	54905	Adcp	<0.001	<0.5	5.59	13	70	0.5	<2	0.21	<0.5	2	82	6	2.01	0.77	0.06	445	<1	2.63	2	120	3	<0.01	<5	90	0.07	1	<10	76
2	E006	76544	56054	Attf	<0.001	<0.5	6.74	6	230	0.5	2	2.44	<0.5	1	47	6	2.21	0.61	0.48	1315	<1	1.20	<1	180	6	0.01	<5	176	0.11	5	<10	88
3	E007	76577	56001	Attf	<0.001	<0.5	6.26	<5	50	0.7	<2	2.42	<0.5	1	57	6	2.37	1.52	0.34	1240	<1	0.84	<1	110	8	0.01	<5	90	0.09	2	<10	110
4	E008	76525	55935	Attf	<0.001	<0.5	5.75	<5	1020	0.5	2	2.51	<0.5	1	76	5	2.35	1.04	0.35	1705	<1	1.41	<1	130	7	0.04	<5	119	0.08	1	<10	112
5	E009	76526	55880	Attf	0.087	8.1	4.10	50	60	0.6	2	0.10	<0.5	13	131	380	3.66	1.46	0.21	130	19	0.06	20	100	78	3.71	<5	33	0.10	47	<10	87
6	E010	76480	55650	Attf	<0.001	<0.5	6.62	5	290	0.6	3	0.11	<0.5	<1	65	9	1.32	1.58	0.17	203	<1	2.06	2	120	4	0.03	<5	51	0.07	3	<10	52
7	E011	78185	54725	Atf	0.019	1.4	5.43	20	350	<0.5	9	0.03	<0.5	1	89	24	1.88	1.64	0.07	40	2	0.09	3	40	26	1.92	<5	6	0.17	22	<10	9
8	E013	77935	54740	Atf	<0.001	5.7	11.95	11	1580	1.2	<2	1.20	9.4	18	20	1180	1.94	2.08	1.10	911	<1	1.39	1	430	19	0.22	<5	354	0.43	82	<10	139
9	E017	77798	54622	Atf	0.004	0.5	6.31	<5	150	0.9	2	0.21	<0.5	1	37	5	0.62	1.90	1.70	666	1	0.05	<1	130	8	0.28	<5	9	0.12	9	<10	54
10	E018	77008	54629	Adcg	<0.001	<0.5	7.23	<5	110	0.8	<2	2.98	<0.5	4	42	4	1.88	1.66	0.21	379	<1	1.73	6	120	4	<0.01	<5	52	0.14	29	<10	41
11	E020	76426	55676	Attf	<0.001	<0.5	6.35	<5	30	<0.5	2	0.14	<0.5	<1	78	2	1.40	0.69	0.05	66	<1	3.27	3	80	3	<0.01	<5	48	0.08	5	<10	33
12	E021	76370	55663	Attf	<0.001	<0.5	5.11	<5	30	0.6	2	3.77	<0.5	<1	49	2	1.75	1.56	0.10	920	<1	0.60	2	100	3	<0.01	<5	56	0.06	1	<10	65
13	E022	76350	55695	Attf	<0.001	<0.5	5.63	7	50	0.5	4	0.55	<0.5	1	62	3	2.49	1.20	0.12	1110	<1	1.85	2	130	12	<0.01	<5	74	0.06	2	<10	97
14	E023	76445	55500	Attf	<0.001	<0.5	7.18	7	310	0.9	3	0.18	<0.5	11	39	48	1.69	1.82	0.24	452	<1	1.07	9	230	9	<0.01	<5	22	0.16	9	<10	166
15	E024	76297	55183	Attf	<0.001	<0.5	3.67	<5	1640	0.6	<2	0.11	<0.5	2	126	5	1.02	1.23	0.22	211	1	0.36	2	60	4	0.14	<5	87	0.08	10	<10	27
16	E026	76237	55560	Attf	<0.001	<0.5	5.81	<5	50	<0.5	3	0.71	<0.5	1	98	3	2.29	0.16	0.05	1000	<1	3.67	4	100	5	0.01	<5	78	0.07	3	<10	56
17	E027	75660	55068	Attf	0.005	<0.5	16.55	22	40	<0.5	<2	2.47	<0.5	24	159	61	6.43	0.02	1.38	328	<1	0.52	262	400	6	0.01	<5	140	0.51	146	<10	9
18	E028	76004	55125	Attf	0.003	<0.5	10.20	<5	70	<0.5	<2	0.48	<0.5	9	425	45	7.99	0.41	1.69	258	<1	4.41	22	320	<2	0.35	<5	244	0.51	293	<10	14
19	E029	76263	55524	Attf	<0.001	<0.5	5.67	5	50	<0.5	3	0.08	<0.5	<1	79	5	1.51	0.45	0.03	430	<1	2.90	3	70	2	<0.01	<5	78	0.08	1	<10	52
20	E030	76167	55516	Attf	<0.001	1.1	4.69	18	410	1.1	5	0.11	<0.5	1	54	242	2.44	0.88	0.12	1955	2	1.04	4	160	18	0.01	<5	177	0.07	4	<10	44
21	E031	76160	55500	Cms	<0.001	<0.5	0.21	54	430	<0.5	3	0.02	<0.5	2	168	4	4.27	0.07	0.01	6180	2	0.02	4	10	2	<0.01	<5	33	0.01	4	10	11
22	E032	75661	55204	Attf	0.001	<0.5	7.13	<5	140	0.8	2	0.04	<0.5	1	19	2	2.28	2.17	0.34	969	<1	0.34	<1	120	3	0.01	<5	120	0.16	6	<10	85
23	E034	76935	55046	Adcp	0.001	<0.5	8.06	8	180	0.7	<2	0.20	<0.5	2	20	2	2.12	2.60	0.32	500	<1	0.33	<1	180	2	<0.01	<5	20	0.09	3	<10	86
24	E035	77093	55036	Adcp	0.005	<0.5	5.84	<5	110	0.6	3	0.16	<0.5	1	37	4	1.74	0.93	0.42	326	<1	1.64	1	60	8	0.01	<5	64	0.08	6	<10	67
25	E037	77088	55125	Attf	<0.001	<0.5	10.00	15	160	1.2	2	0.56	<0.5	3	7	1	3.28	3.00	1.10	789	<1	1.87	1	160	7	<0.01	<5	178	0.15	6	<10	134
26	E039	77015	55385	Attf	<0.001	<0.5	6.53	<5	30	<0.5	<2	6.85	<0.5	2	51	3	3.32	0.41	0.27	1380	<1	2.00	2	380	<2	<0.01	<5	60	0.17	5	<10	110
27	F001	76470	55200	Adcp	<0.001	<0.5	7.23	<5	30	0.5	<2	0.11	<0.5	1	24	1	1.76	0.49	0.03	184	<1	4.23	2	140	<2	<0.01	<5	47	0.09	1	<10	58
28	F002	76700	55023	Adcp	<0.001	<0.5	7.46	6	210	0.6	3	0.13	<0.5	1	17	2	2.32	0.78	0.06	1225	<1	3.57	2	110	2	<0.01	<5	51	0.11	1	<10	71
29	F011	76883	55210	Attf	<0.001	<0.5	6.50	<5	50	0.6	<2	3.97	<0.5	1	39	2	2.78	1.96	0.54	1960	<1	0.31	2	190	3	<0.01	<5	54	0.10	3	<10	83
30	F021	75945	54435	Attf	<0.001	<0.5	7.14	<5	60	0.5	<2	3.79	<0.5	1	32	3	2.48	0.96	0.22	1050	<1	0.84	4	180	<2	<0.01	<5	88	0.12	3	<10	122
31	F022	75768	54592	Adcg	<0.001	<0.5	9.87	13	40	0.7	2	0.29	<0.5	1	12	2	2.09	1.12	0.14	279	<1	4.15	<1	80	<2	<0.01	<5	138	0.11	2	<10	23
32	F023	75738	54718	Adcg	<0.001	<0.5	6.83	7	60	1.0	<2	1.28	<0.5	1	28	10	1.94	1.24	0.55	800	<1	1.07	7	110	6	0.01	<5	137	0.11	2	<10	69
33	F026	78405	54810	Atf	<0.001	0.6	7.95	6	240	0.9	2	1.36	<0.5	4	47	7	2.56	0.94	1.02	1025	<1	2.71	2	310	9	<0.01	<5	309	0.23	24	<10	61
34	F030	78433	54923	Atf	<0.001	0.6	6.20	<5	90	0.8	<2	2.52	<0.5	3	54	3	2.57	1.04	0.58	753	<1	1.28	3	190	5	<0.01	<5	538	0.16	17	<10	50
35	F036	76248	55538	Attf	<0.001	<0.5	6.56	6	160	0.6	3	0.10	<0.5	<1	39	5	2.23	1.64	0.21	1080	<1	0.27	4	100	5	0.01	<5	108	0.12	4	<10	78
36	F037	76325	55498	Attf	<0.001	<0.5	10.10	10	170	0.9	2	5.57	<0.5	42	229	59	6.65	0.51	3.51	3330	<1	2.01	86	270	8	<0.01	<5	157	0.43	264	<10	99
37	F038	77304	55128	Adcp	<0.001	<0.5	5.88	<5	80	0.6	<2	0.16	<0.5	<1	12	2	2.36	0.60	0.17	278	<1	2.51	3	120	2	<0.01	<5	23	0.08	9	<10	99
38	G002	76555	55660	Attf	<0.001	<0.5	5.21	<5	490	0.7	<2	1.62	<0.5	3	59	3	3.19	1.11	0.54	1015	<1	1.24	6	140	4	0.01	<5	63	0.09	28	<10	46
39	G004	76520	55770	Attf	0.025	0.5	3.99	117	90	<0.5	2	0.09	2.7	1	156	120	4.24	1.52	0.25	80	6	0.09	8	30	49	4.74	9	8	0.07	13	<10	668
40	G006	76560	56020	Attf	0.001	<0.5	4.82	12	450	<0.5	<2	1.89	<0.5	1	108	6	1.88	0.69	0.39	1650	<1	2.35	4	120	8	0.02	<5	145	0.08	7	<10	71

Appendix 4 Results of Chemical Analysis for Rock Specimens (Tunca Area(2))

No.	Sample	Coodinates		Rock	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		UTM-E	UTM-N	Type	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
41	G008	76525	56115	Attf	<0.001	<0.5	8.73	219	8540	2.6	5	2.73	<0.5	2	6	48	1.90	2.49	0.54	>10000	2	0.27	30	170	44	<0.01	<5	628	0.21	5	<10	97
42	G012	76720	55773	Attf	<0.001	<0.5	6.74	<5	180	0.7	<2	0.18	<0.5	2	51	7	1.71	2.31	0.47	876	<1	0.30	4	50	4	<0.01	<5	35	0.15	11	<10	44
43	G016	78895	54765	Ctf	0.001	<0.5	8.03	6	120	<0.5	<2	8.41	<0.5	23	27	92	5.91	2.11	3.61	2180	<1	0.64	12	260	<2	<0.01	6	152	0.42	297	<10	65
44	G021	77380	55395	Adcg	<0.001	<0.5	5.56	9	140	0.9	<2	1.80	<0.5	<1	25	3	1.99	2.39	0.39	525	<1	0.18	2	100	4	<0.01	<5	28	0.08	3	<10	61
45	G037	77865	54310	Attf	<0.001	<0.5	7.49	6	70	0.5	<2	0.11	<0.5	1	17	15	1.58	0.43	0.06	91	<1	3.47	<1	120	9	0.01	<5	38	0.07	3	<10	47
46	G038	77035	54180	Adcp	<0.001	<0.5	11.45	9	180	1.4	2	0.07	<0.5	<1	9	1	4.01	4.75	0.72	850	<1	0.22	<1	120	26	<0.01	<5	27	0.15	9	<10	345
47	G040	76950	54270	Adcl	<0.001	<0.5	6.91	6	330	<0.5	<2	0.58	<0.5	<1	29	2	1.14	0.35	0.18	225	<1	4.72	1	120	18	0.12	<5	55	0.08	3	<10	78
48	G041	76910	54295	Adcl	<0.001	<0.5	7.92	14	190	0.5	<2	0.93	<0.5	<1	24	5	1.56	0.34	0.30	393	<1	5.48	2	120	13	0.23	<5	51	0.08	2	<10	110
49	G042	76800	54365	Atf	0.005	<0.5	6.15	10	400	0.7	<2	1.40	2	<1	92	84	2.05	1.30	0.48	503	<1	2.39	5	110	86	1.08	<5	76	0.11	5	<10	589
50	G043	76680	54375	Adcg	<0.001	<0.5	12.10	5	100	1.9	<2	0.21	<0.5	<1	9	1	1.74	4.70	0.31	106	<1	0.35	2	160	3	<0.01	<5	85	0.20	1	<10	50
51	G044	76660	54400	Adcg	<0.001	<0.5	6.04	<5	90	0.9	2	2.30	<0.5	1	38	2	2.42	1.95	0.59	2250	<1	0.39	<1	130	8	<0.01	<5	59	0.10	2	<10	71
52	G045	76555	54570	Attf	0.001	<0.5	5.23	16	110	0.8	2	0.11	<0.5	<1	48	6	2.09	1.56	0.25	493	<1	0.27	2	100	24	<0.01	<5	60	0.09	2	<10	104
53	G049	77590	55250	Adcg	<0.001	<0.5	6.12	11	80	0.7	2	0.08	<0.5	1	47	13	2.19	1.72	0.35	645	<1	1.26	3	80	<2	0.01	<5	15	0.08	9	<10	11
54	G051	77280	55335	Adcg	<0.001	<0.5	5.11	10	100	0.7	<2	0.11	<0.5	<1	35	6	1.76	1.68	0.32	484	20	0.39	5	60	5	<0.01	<5	39	0.08	2	<10	84
55	G053	76215	55360	Attf	<0.001	<0.5	7.40	<5	80	0.7	<2	0.04	<0.5	<1	22	3	2.29	2.60	0.12	625	2	0.25	2	90	7	0.01	<5	38	0.10	1	<10	84
56	G054	76060	55335	Attf	<0.001	<0.5	5.84	6	60	1.0	<2	0.07	<0.5	<1	20	3	3.39	2.56	0.36	730	<1	0.29	1	100	<2	<0.01	<5	29	0.12	4	<10	112
57	G056	77220	55265	Adcg	<0.001	<0.5	5.63	7	100	<0.5	<2	0.06	<0.5	<1	35	3	1.50	1.10	0.15	230	<1	2.46	4	70	5	<0.01	<5	60	0.07	3	<10	33
58	H006	78050	54805	Atf	<0.001	<0.5	7.30	<5	520	0.7	<2	1.18	<0.5	5	47	14	2.93	0.21	1.04	848	<1	4.00	6	390	7	0.02	<5	306	0.25	41	<10	200
59	H007	77555	55075	Adcp	<0.001	<0.5	7.58	<5	190	0.9	<2	1.70	<0.5	5	33	3	2.70	1.88	1.02	478	<1	2.26	6	390	6	<0.01	<5	158	0.27	35	<10	55
60	H015	77440	55455	Adcg	<0.001	<0.5	8.04	15	160	1.3	<2	0.16	<0.5	1	23	13	3.02	3.49	0.97	953	<1	0.24	4	40	12	<0.01	<5	20	0.14	6	<10	122
61	Z001				<0.001	<0.5	6.67	16	50	3.1	2	0.48	<0.5	<1	2	3	0.61	3.46	0.07	746	2	2.91	1	60	18	<0.01	<5	26	0.06	5	<10	28
62	Z002				<0.001	<0.5	6.01	<5	60	7.3	<2	0.06	<0.5	<1	2	6	3.18	3.31	0.02	627	1	3.36	1	50	35	<0.01	<5	1	0.12	1	<10	198
63	Z003				<0.001	<0.5	8.27	<5	450	1.4	<2	2.58	<0.5	9	12	7	2.45	2.09	1.03	530	<1	3.06	14	540	8	<0.01	<5	361	0.27	62	10	44

Appendix 4 Results of Chemical Analysis for Rock Specimens (Murgul Area(1))

No.	Sample	Coodinates		Rock	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sr	Ti	V	W	Zn
		UTM-E	UTM-N	Type	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
1	J003	721060	4573629	Mdcl	<0.001	<0.5	2.73	5	960	<0.5	<2	10.50	<0.5	9	36	38	2.32	0.31	4.58	1690	<1	0.30	7	100	5	0.11	<5	1585	0.08	48	<10	46
2	J006	721238	4573448	Mdcl	0.001	<0.5	7.02	<5	510	<0.5	<2	0.30	<0.5	11	45	3	5.68	1.40	2.54	1565	<1	0.73	4	1150	<2	0.4	<5	22	0.19	43	10	111
3	J017	715201	4568484	Mdcl	0.016	<0.5	5.20	40	150	<0.5	<2	0.02	<0.5	3	99	17	0.91	1.57	0.94	118	4	0.04	9	10	28	0.7	<5	7	0.10	19	<10	31
4	J019	715002	4568629	Mdcl	<0.001	1.6	5.88	<5	100	0.5	<2	0.05	<0.5	3	27	156	0.98	0.37	2.76	196	<1	0.02	6	60	9	0.01	<5	54	0.10	13	10	226
5	J030	715126	4567868	Mdcl	<0.001	<0.5	6.84	<5	360	<0.5	<2	0.03	<0.5	10	46	15	4.81	1.96	0.23	298	<1	0.07	4	370	2	0.03	<5	29	0.32	78	<10	68
6	J034	714785	4568031	Mdcl	<0.001	<0.5	6.12	<5	160	<0.5	<2	0.10	<0.5	3	72	14	1.78	0.18	0.88	327	<1	1.64	5	220	9	0.01	<5	77	0.14	23	<10	46
7	J035	714568	4568290	Mdcl	<0.001	<0.5	6.43	<5	240	<0.5	<2	0.08	<0.5	5	60	26	3.09	0.83	1.76	746	<1	1.78	5	280	10	0.01	<5	23	0.10	21	<10	57
8	J037	714013	4568555	Mdcl	<0.001	<0.5	6.72	<5	120	<0.5	<2	0.08	<0.5	2	38	7	1.53	0.94	1.52	292	<1	2.15	5	200	7	<0.01	<5	33	0.13	14	<10	63
9	J042	719038	4568035	Mdcl	<0.001	<0.5	6.68	<5	150	0.7	<2	0.96	<0.5	1	29	2	1.54	0.53	1.32	368	<1	0.98	3	50	9	<0.01	<5	146	0.07	1	<10	102
10	J053	713263	4567594	Mdcl	<0.001	<0.5	7.20	6	390	0.5	<2	0.11	0.5	8	53	5	3.48	0.90	2.51	1050	<1	1.44	4	360	12	0.02	<5	29	0.19	54	<10	110
11	J062	713373	4567959	Mdcl	<0.001	<0.5	7.79	<5	410	0.6	<2	0.08	<0.5	4	39	11	1.90	1.54	1.32	437	<1	2.00	3	240	4	0.01	<5	29	0.15	18	<10	58
12	J069	720885	4570465	Mdu	<0.001	<0.5	7.69	8	430	0.6	<2	0.46	<0.5	8	48	20	3.45	1.29	4.85	392	3	0.47	7	270	6	0.05	<5	33	0.19	43	<10	62
13	K001	721510	4569990	Mdcl	<0.001	<0.5	8.25	<5	90	0.6	<2	0.22	<0.5	8	38	64	1.56	0.55	2.53	426	1	3.57	4	180	2	0.01	<5	85	0.23	59	<10	51
14	K006	720990	4571010	Mdcl	<0.001	<0.5	5.44	10	240	0.5	<2	0.02	<0.5	2	72	17	3.74	1.84	0.26	26	4	0.22	2	190	5	0.05	<5	20	0.09	40	<10	12
15	K010	720250	4571370	Mdcl	0.001	0.5	5.37	6	50	0.5	<2	0.78	27.8	5	116	36	2.20	1.68	1.12	603	<1	0.46	4	200	31	2.22	<5	84	0.15	25	<10	4670
16	K014	720360	4571945	Mdcl	<0.001	<0.5	5.97	<5	130	0.6	<2	0.06	0.5	2	65	8	1.38	1.32	0.15	488	<1	1.69	5	210	19	0.02	<5	119	0.13	17	<10	101
17	K021	720755	4571730	Mdcl	0.005	<0.5	6.93	5	220	0.7	<2	0.10	<0.5	2	46	7	1.66	1.36	1.06	735	<1	1.42	3	170	6	0.23	<5	47	0.15	8	<10	84
18	K025	720730	4572560	Mdcl	<0.001	<0.5	7.99	12	240	0.7	<2	0.10	<0.5	2	63	6	3.36	2.09	0.19	52	<1	0.34	3	280	15	0.03	<5	65	0.11	33	<10	14
19	K030	721340	4572835	Mdcl	<0.001	<0.5	7.88	<5	660	0.8	<2	0.09	<0.5	6	69	12	2.09	1.43	0.11	655	<1	2.91	4	200	8	0.03	<5	120	0.16	35	<10	67
20	K031	721420	4572700	Mdcl	<0.001	<0.5	7.90	<5	330	0.7	<2	0.08	<0.5	1	65	15	1.88	1.40	0.59	357	<1	1.68	3	200	9	0.02	<5	52	0.18	24	<10	110
21	K038	721300	4573975	Mdcl	<0.001	<0.5	7.54	<5	480	0.6	<2	0.28	<0.5	4	60	4	1.90	1.18	0.92	371	<1	2.77	8	210	8	0.02	<5	57	0.11	18	<10	43
22	K046	713635	4570300	Mdlt	<0.001	<0.5	7.13	<5	140	0.6	<2	0.15	0.5	2	70	12	2.08	0.20	1.18	255	<1	1.44	6	250	7	0.01	<5	85	0.14	25	<10	78
23	K050	713745	4569915	Mdcl	<0.001	<0.5	7.08	5	150	<0.5	<2	0.07	<0.5	3	60	20	2.15	0.77	0.58	239	<1	3.02	3	580	13	0.01	<5	31	0.14	21	<10	58
24	K054	718170	4568600	Mdcl	<0.001	<0.5	8.41	<5	290	1.0	<2	1.45	<0.5	9	26	75	3.08	2.53	0.69	691	<1	1.02	3	550	8	<0.01	<5	66	0.28	104	<10	58
25	K057	718280	4567980	Mdcl	<0.001	<0.5	4.20	5	140	0.5	<2	0.10	<0.5	1	87	3	1.25	0.89	0.12	128	<1	0.30	4	20	4	0.01	<5	42	0.05	2	<10	54
26	K058	718225	4567705	Mdcl	0.005	<0.5	3.13	<5	430	<0.5	2	0.01	<0.5	<1	196	7	0.64	1.23	0.11	46	5	0.04	6	20	7	0.13	<5	12	0.07	9	<10	5
27	K060	718380	4567260	Mdcl	<0.001	<0.5	6.67	21	310	<0.5	2	0.02	<0.5	<1	39	31	1.90	1.30	1.18	41	1	0.15	2	40	8	0.01	<5	30	0.08	2	<10	57
28	K061	718380	4567000	Mdcl	0.007	<0.5	4.11	<5	410	<0.5	2	0.02	<0.5	1	126	11	0.60	1.43	0.15	53	8	0.05	7	20	2	0.08	<5	12	0.06	12	<10	7
29	K071	717590	4571980	Mdcl	0.087	<0.5	4.59	19	400	<0.5	2	0.02	<0.5	1	48	53	0.70	1.75	0.25	87	1	0.02	2	110	10	0.01	<5	90	0.10	27	<10	28
30	K076	717285	4572590	Kdp	<0.001	<0.5	9.82	8	190	0.6	<2	0.32	<0.5	8	38	6	2.41	1.05	0.17	393	<1	4.83	2	550	8	0.01	6	155	0.28	41	<10	76
31	K085	716030	4568680	Mdlt	<0.001	<0.5	8.28	7	30	0.7	<2	0.30	<0.5	2	25	2	1.48	0.10	3.60	240	<1	0.03	5	90	10	1.1	<5	33	0.10	6	<10	50
32	K095	715990	4573115	Kdp	0.006	0.9	7.90	22	150	1.2	<2	18.45	0.7	16	64	60	3.30	0.03	2.64	2840	<1	0.18	63	380	20	0.03	8	97	0.24	68	<10	146
33	K101	716600	4573915	Kdp	<0.001	<0.5	7.10	<5	190	0.9	<2	0.25	<0.5	1	52	8	1.41	0.99	0.20	202	<1	3.78	4	100	7	<0.01	<5	286	0.12	12	<10	46
34	K109	717500	4571040	Mdcl	0.003	<0.5	5.70	<5	300	<0.5	<2	0.08	<0.5	6	63	160	2.84	1.66	1.68	1325	1	0.04	3	170	5	0.48	<5	36	0.13	24	<10	120
35	K110	717440	4571300	Mdcl	0.063	1.4	3.02	58	290	<0.5	2	0.01	<0.5	2	168	11	1.15	1.22	0.14	62	5	0.03	6	90	84	0.78	<5	44	0.08	15	<10	10
36	K111	717200	4571585	Mdcl	2.020	11.4	0.87	64	220	<0.5	3	0.34	<0.5	3	217	1090	1.84	0.16	0.13	116	45	0.03	6	70	119	1.04	6	62	0.04	10	10	21
37	K134	715930	4572050	Abs	0.002	<0.5	2.40	8	150	<0.5	<2	20.00	<0.5	8	16	198	1.20	0.68	0.21	1745	<1	0.08	8	270	10	0.02	<5	376	0.10	46	<10	43
38	K144	718985	4570625	Abs	0.006	<0.5	9.75	<5	100	<0.5	<2	0.07	<0.5	6	27	23	0.93	0.52	0.26	38	<1	0.95	11	90	6	0.02	<5	98	0.43	87	<10	18
39	K150	717940	4570815	Mdcl	0.315	3.3	3.05	30	30	<0.5	2	0.01	3.5	10	144	140	5.61	1.18	0.12	29	54	0.03	<1	60	36	6.52	<5	69	0.07	13	<10	504
40	K153	717790	4571465	Mdcl	0.090	3.6	2.60	71	30	<0.5	<2	0.01	<0.5	8	212	2690	2.45	0.90	0.14	47	16	0.02	4	120	66	2.59	7	160	0.07	13	<10	18

Appendix 4 Results of Chemical Analysis for Rock Specimens (Murgul Area(2))

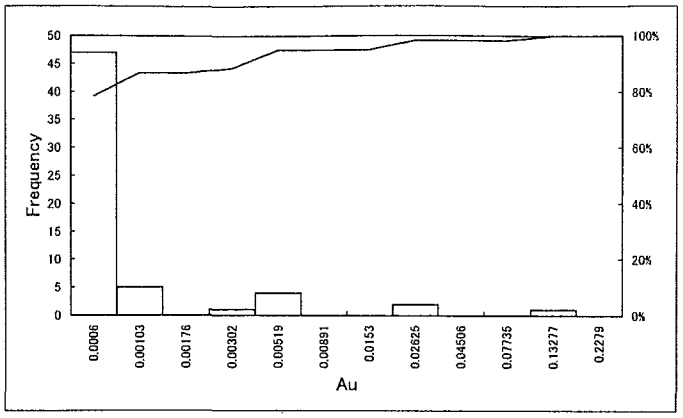
No.	Sample	Coodinates		Rock	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	S	:Sb	Sr	Ti	V	W	Zn
		UTM-E	UTM-N	Type	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
41	K165	720510	4570170	Mdu	<0.001	<0.5	6.65	8	60	0.6	<2	0.07	0.5	3	74	7	0.96	1.52	0.23	211	<1	2.84	3	160	6	0.01	<5	92	0.10	12	<10	23
42	L005	721968	4572367	Mdcl	<0.001	<0.5	7.38	<5	60	0.6	<2	0.49	<0.5	6	81	9	0.93	0.34	0.51	221	1	4.26	5	270	10	0.31	<5	78	0.10	24	<10	32
43	L010	713559	4568493	Mdcl	<0.001	<0.5	6.48	<5	140	0.5	<2	0.08	<0.5	1	38	4	1.90	1.02	1.29	381	<1	2.02	2	140	9	<0.01	<5	18	0.11	2	<10	86
44	L011	713609	4568721	Mdcl	<0.001	<0.5	5.95	<5	170	<0.5	<2	0.03	<0.5	2	52	5	1.44	1.49	1.12	196	<1	1.44	4	40	4	0.01	<5	12	0.06	3	<10	32
45	L014	721978	4571396	Mdcl	<0.001	<0.5	6.90	10	390	0.5	<2	0.08	<0.5	7	126	3	2.91	2.53	0.73	266	<1	0.29	5	90	6	1.7	<5	19	0.07	21	<10	28
46	L015	716346	4567335	Mdcl	0.004	<0.5	4.90	5	250	<0.5	<2	0.02	<0.5	4	150	5	2.74	1.72	0.17	31	5	0.07	2	60	9	2.86	<5	46	0.11	19	<10	4
47	L019	717485	4566819	Mdcl	<0.001	<0.5	6.91	<5	630	<0.5	<2	0.06	<0.5	5	77	15	5.01	1.61	2.09	667	2	0.07	2	390	7	0.25	<5	9	0.20	52	<10	36
48	L020	716949	4567035	Mdcl	0.007	<0.5	6.57	<5	710	<0.5	<2	0.01	<0.5	<1	80	22	2.02	2.61	0.28	56	6	0.06	2	60	3	0.04	<5	13	0.23	67	<10	5
49	L023	717371	4567815	Mdcl	<0.001	<0.5	8.84	<5	180	0.6	<2	0.04	<0.5	2	15	12	1.06	0.88	2.94	71	<1	0.07	3	40	32	0.01	<5	12	0.08	2	<10	108
50	L026	712865	4567081	Kv	<0.001	<0.5	8.76	<5	40	<0.5	<2	0.21	<0.5	27	25	29	6.30	0.03	4.49	1185	<1	3.03	14	580	8	0.05	<5	49	0.37	243	<10	184
51	L027	712945	4567166	Kv	<0.001	<0.5	6.45	<5	340	0.6	<2	0.05	<0.5	4	53	12	2.65	1.36	1.32	382	<1	1.15	2	240	8	0.02	<5	17	0.09	18	<10	85
52	L031	713787	4566923	Mdcl	0.001	<0.5	4.87	10	420	<0.5	<2	0.04	<0.5	<1	82	6	1.08	1.74	0.21	49	6	0.12	4	300	10	0.03	<5	14	0.17	22	<10	6
53	L039	714412	4569857	Mdlt	<0.001	<0.5	7.20	5	100	0.6	<2	1.44	1.1	4	48	11	2.35	0.69	1.51	1215	<1	2.18	4	240	8	0.01	6	30	0.12	20	10	65
54	L050	713757	4570827	Mdu	<0.001	<0.5	8.15	<5	190	0.7	<2	0.62	<0.5	4	43	28	2.22	0.95	0.56	618	<1	4.03	4	280	13	0.01	<5	514	0.17	22	<10	60
55	L061	716338	4570560	Kdp	<0.001	<0.5	7.98	5	160	0.6	<2	4.47	<0.5	10	40	7	3.37	1.00	0.76	865	<1	2.55	5	360	9	0.01	5	122	0.21	68	<10	77
56	L067	715060	4572003	Kdp	<0.001	0.5	8.66	48	40	0.5	<2	4.84	1.7	23	47	64	5.57	0.05	2.68	1085	<1	1.94	14	470	34	0.01	<5	144	0.38	212	<10	96
57	L074	713768	4569007	Mdcl	<0.001	<0.5	5.94	<5	200	0.5	<2	0.07	<0.5	3	65	13	1.48	1.16	0.76	207	<1	1.31	4	170	8	0.01	<5	23	0.11	17	<10	31
58	L092	721297	4571843	Mdcl	0.001	<0.5	9.21	<5	220	0.6	<2	0.02	<0.5	7	36	3	2.12	1.71	0.24	17	<1	0.95	2	70	7	2.19	5	36	0.16	31	<10	4
59	L097	721843	4571987	Mdcl	<0.001	<0.5	8.67	<5	120	0.7	<2	0.57	0.5	8	58	7	2.88	0.49	0.90	327	<1	3.86	6	510	5	1.29	<5	102	0.13	31	<10	17
60	L100	721830	4572934	Kdp	<0.001	<0.5	6.46	<5	100	0.5	<2	0.14	<0.5	2	165	19	1.40	0.34	0.42	160	<1	3.79	6	150	5	0.48	<5	48	0.17	15	<10	16
61	Z-1				0.001	0.6	10.20	16	240	0.6	<2	6.79	<0.5	35	40	229	7.86	0.67	3.12	1350	<1	2.18	38	1300	14	<0.01	<5	475	0.84	403	<10	114
62	Z-2				<0.001	<0.5	8.43	<5	510	3.3	<2	1.62	<0.5	5	7	2	1.45	3.30	0.43	478	<1	2.68	8	370	30	<0.01	7	212	0.15	22	20	38
63	Z-3				<0.001	<0.5	9.57	<5	500	1.5	<2	2.87	<0.5	11	10	7	2.65	2.31	1.14	578	<1	3.33	13	610	15	0.01	<5	445	0.29	70	10	47
64	Z-4				<0.001	<0.5	6.74	9	50	3.2	<2	0.48	<0.5	1	2	2	0.59	3.48	0.07	710	2	2.80	<1	70	19	<0.01	5	30	0.06	6	<10	29
65	Z-5				<0.001	<0.5	6.66	<5	60	7.7	<2	0.07	<0.5	<1	4	6	3.33	3.42	0.02	650	<1	3.50	1	50	39	<0.01	<5	3	0.13	1	<10	215

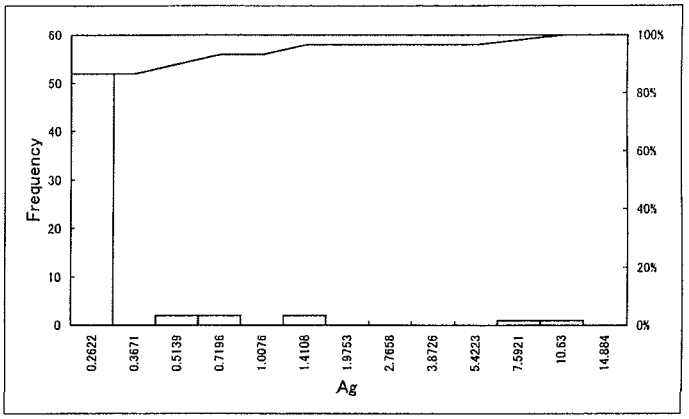
Appendix 4 Results of Chemical Analysis for Rock Specimens (Drilling Core)

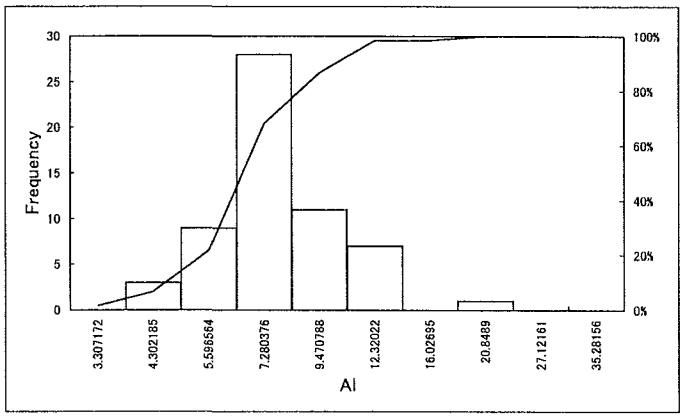
No.	Sample	Drilling No.	Depth m	Rock Type	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sr ppm	Ti %	V ppm	W ppm	Zn ppm
1	WA-1	MJTH-1	180	Adcp	<0.001	<0.5	7.08	<5	20	0.6	<2	0.31	<0.5	5	51	6	3.06	0.68	0.29	346	<1	3.77	9	170	5	0.01	<5	150	0.11	12	<10	39
2	WA-2	〃	194	Adcp	<0.001	<0.5	5.77	<5	20	<0.5	<2	1.69	<0.5	5	59	26	1.75	0.46	0.80	987	<1	2.92	8	120	<2	0.38	<5	75	0.08	25	10	24
3	WA-3	〃	210	Adcp	<0.001	<0.5	7.84	<5	70	0.7	<2	1.54	<0.5	5	75	5	2.61	1.26	0.82	356	<1	3.54	8	170	2	2.07	<5	118	0.13	5	<10	16
4	WA-4	〃	228	Adcp	<0.001	<0.5	6.66	<5	100	0.8	<2	0.69	<0.5	7	52	16	3.05	1.48	0.59	342	<1	2.08	9	200	<2	0.22	<5	79	0.13	14	<10	39
5	WA-5	〃	237	Atf	<0.001	<0.5	7.91	<5	70	0.8	<2	1.00	<0.5	4	67	4	2.27	1.38	0.63	277	<1	3.37	3	170	<2	1.09	<5	116	0.13	3	<10	18
6	WA-6	〃	245	Adcp	<0.001	<0.5	7.28	<5	40	0.6	<2	3.53	<0.5	6	46	4	2.20	0.65	1.58	376	<1	3.75	13	200	3	0.52	<5	242	0.11	9	10	19
7	WA-7	〃	256	Adcp	<0.001	<0.5	6.90	<5	40	0.7	<2	1.70	<0.5	7	63	17	1.77	0.64	0.87	459	<1	2.91	13	230	2	0.8	<5	87	0.20	27	<10	22
8	WA-8	〃	265	Adlv	<0.001	<0.5	6.82	<5	540	1.0	<2	0.83	<0.5	2	67	5	1.22	1.60	0.38	158	<1	1.94	5	120	2	0.04	<5	85	0.15	13	<10	14
9	WA-9	〃	280	Adlv	<0.001	<0.5	6.43	<5	760	0.6	<2	0.93	<0.5	2	75	9	0.94	0.72	0.38	180	<1	3.73	6	130	4	0.28	<5	222	0.11	10	<10	11
10	WA-10	〃	290	Adcp	0.001	<0.5	8.18	<5	100	1.5	<2	2.06	<0.5	2	32	2	3.02	3.06	1.18	591	<1	0.28	5	170	9	0.01	<5	100	0.22	2	10	84
11	WB-1	MJTH-2	315	Adlh	<0.001	<0.5	6.79	<5	220	0.8	<2	1.73	<0.5	2	50	6	1.88	1.51	1.32	631	<1	1.36	4	260	9	<0.01	<5	141	0.21	16	<10	58
12	WB-2	〃	325	Adlf	0.006	0.8	7.33	18	500	0.9	<2	1.39	<0.5	7	82	14	2.64	0.54	0.86	855	1	4.02	6	320	59	0.18	<5	234	0.25	31	10	162
13	WB-3	〃	330	Adlf	<0.001	<0.5	7.85	<5	240	1.0	<2	1.22	<0.5	6	78	6	2.15	0.38	1.09	368	<1	4.10	9	290	7	0.01	5	250	0.23	25	<10	30
14	WB-4	〃	335	Adlf	<0.001	<0.5	8.22	<5	40	0.8	<2	0.47	<0.5	6	50	575	2.19	0.07	0.73	292	28	5.68	7	260	13	0.07	<5	82	0.21	21	<10	27
15	WB-5	〃	340	Adlf	<0.001	<0.5	6.68	<5	780	0.9	<2	0.59	<0.5	2	42	7	1.86	2.07	1.74	252	<1	1.04	5	260	8	0.01	<5	84	0.20	30	<10	43
16	WB-6	〃	345	Adlf	<0.001	<0.5	7.22	<5	630	0.8	<2	0.43	<0.5	4	63	24	2.24	1.46	0.46	312	<1	4.28	8	290	32	0.01	<5	108	0.22	25	<10	42
17	WB-7	〃	350	Adlf	<0.001	<0.5	7.14	<5	300	0.7	<2	0.29	<0.5	4	77	5	1.68	0.87	0.39	266	<1	4.66	6	270	39	0.01	<5	90	0.21	19	<10	26
18	WB-8	〃	355	Adlf	<0.001	<0.5	6.51	<5	530	0.9	<2	0.61	<0.5	5	102	9	2.41	2.11	0.47	511	<1	3.11	7	240	5	0.1	<5	130	0.21	30	<10	70
19	WB-9	〃	373	Adlf	<0.001	<0.5	5.87	<5	220	0.8	<2	0.57	<0.5	2	86	28	1.52	0.55	1.03	279	<1	2.89	5	220	13	0.01	<5	88	0.17	80	<10	40
20	WB-10	〃	397	Adlf	<0.001	<0.5	6.56	<5	500	1.0	<2	0.78	<0.5	6	68	9	2.64	1.28	0.91	522	<1	3.03	2	260	27	0.01	<5	131	0.20	24	<10	47
21	WC-1	MJTH-3	258	Attf	<0.001	<0.5	11.85	<5	460	1.4	<2	2.69	<0.5	6	11	18	3.43	5.27	2.33	1325	<1	0.85	10	330	7	0.01	<5	89	0.42	37	10	110
22	WC-2	〃	262	Adcl	<0.001	<0.5	5.73	<5	130	0.6	<2	0.49	<0.5	2	85	11	1.92	0.91	0.68	419	<1	2.65	4	120	58	0.02	<5	81	0.09	3	<10	122
23	WC-3	〃	267	Adcl	0.02	1.7	7.86	14	390	1.2	<2	0.58	7.7	3	91	364	3.52	2.25	1.13	596	<1	2.48	5	220	78	1.2	<5	60	0.16	18	<10	1070
24	WC-4	〃	272	Atf	0.004	1.4	10.65	155	140	1.9	<2	0.25	<0.5	11	58	35	3.24	4.84	0.94	158	8	0.33	21	220	60	3.03	<5	23	0.26	43	10	61
25	WC-5	〃	277	Adcl	0.001	<0.5	6.78	<5	310	0.6	<2	0.44	<0.5	2	81	41	2.66	1.30	0.89	543	<1	3.24	7	170	9	0.23	<5	66	0.12	5	<10	180
26	WC-6	〃	282	Adcl	<0.001	<0.5	6.15	<5	160	0.5	<2	0.47	<0.5	1	82	6	1.36	1.04	0.37	273	<1	3.33	4	130	<2	0.03	<5	68	0.10	3	<10	61
27	WC-7	〃	287	Adcl	0.001	<0.5	6.20	<5	440	0.7	<2	0.91	<0.5	<1	106	313	2.19	1.06	0.62	483	<1	3.22	5	140	9	0.85	<5	133	0.11	5	<10	194
28	WC-8	〃	292	Adcl	<0.001	<0.5	6.14	<5	310	0.7	<2	1.28	<0.5	1	118	11	1.72	1.26	0.61	409	<1	2.70	8	150	4	0.43	<5	161	0.12	7	<10	131
29	WC-9	〃	297	Adcl	0.002	<0.5	6.78	14	310	1.0	<2	1.30	<0.5	2	123	69	2.61	1.58	0.98	500	<1	2.58	7	160	25	1.1	<5	161	0.13	10	<10	214
30	WC-10	〃	302	Ats	0.006	0.6	5.13	15	440	0.6	<2	1.26	2.5	1	69	81	2.49	1.30	0.84	580	2	1.62	3	90	36	1.66	<5	77	0.09	4	<10	580

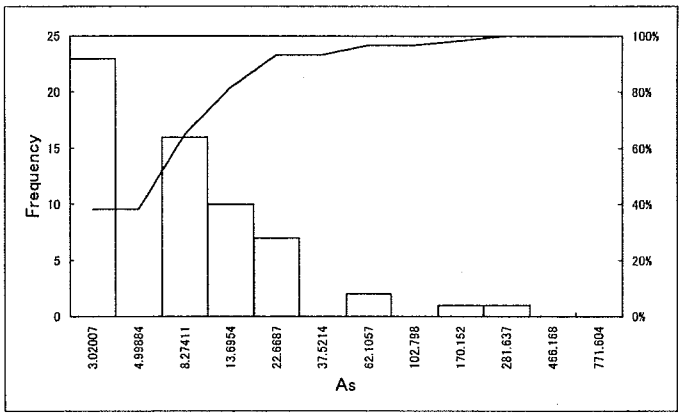
Appendix 5

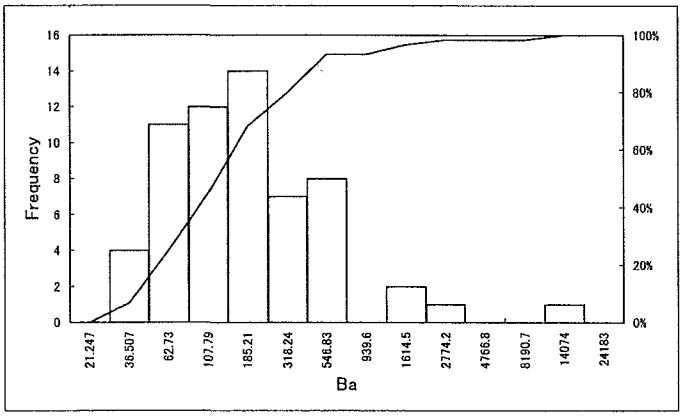
Cumulative Frequency Diagram and Histogram

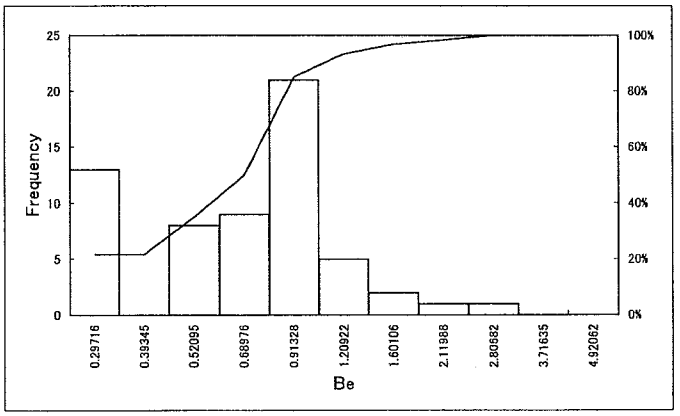


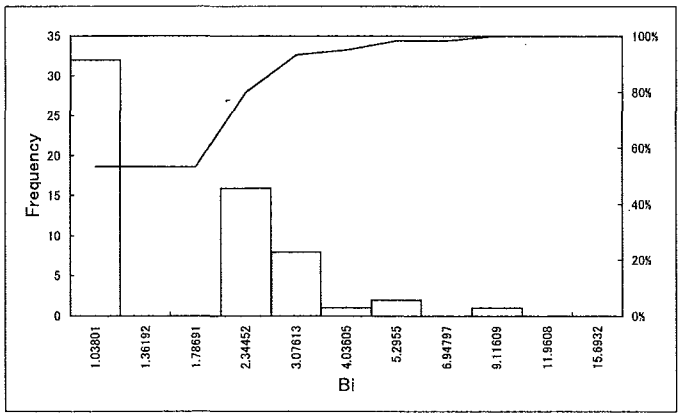


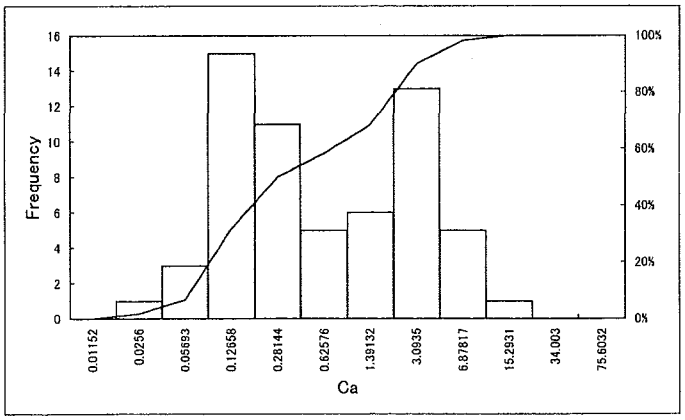




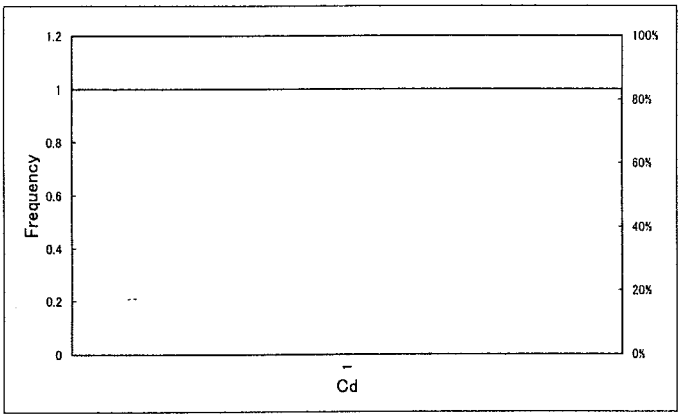


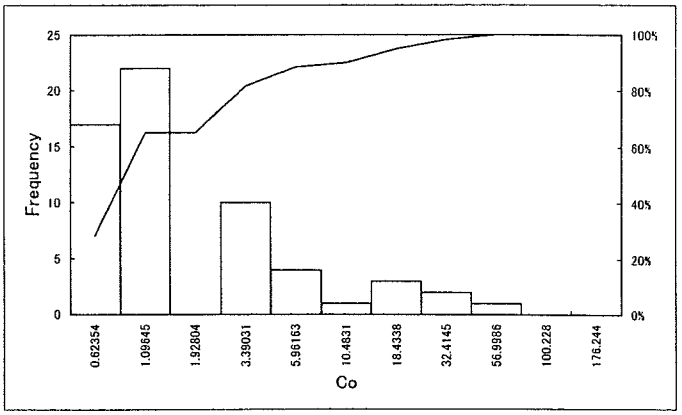


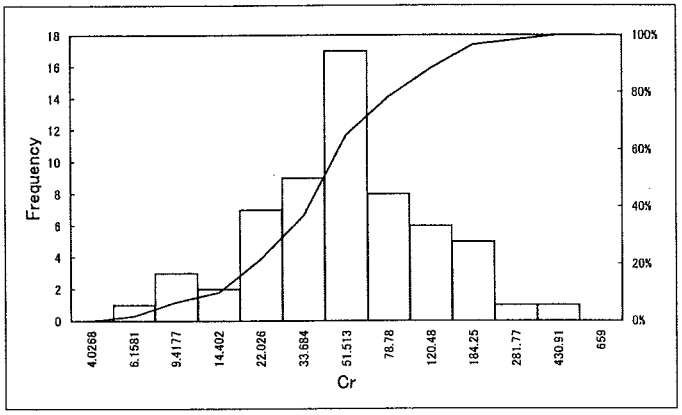


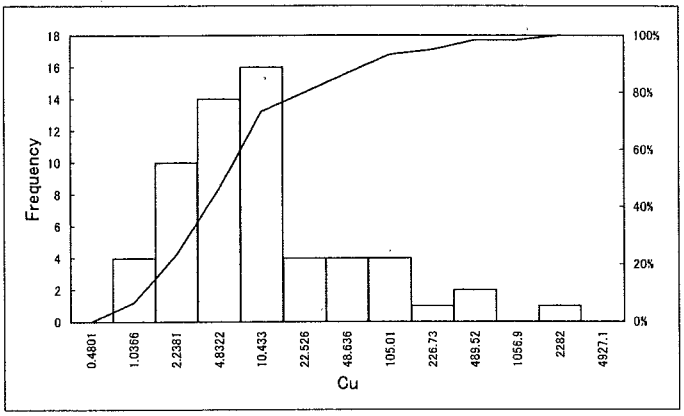


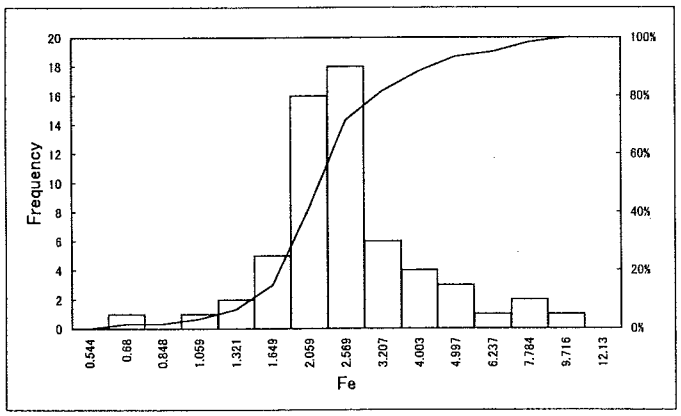
Appendix 5 Cumulative Frequency Diagram and Histogram (Tunca Area) (1)

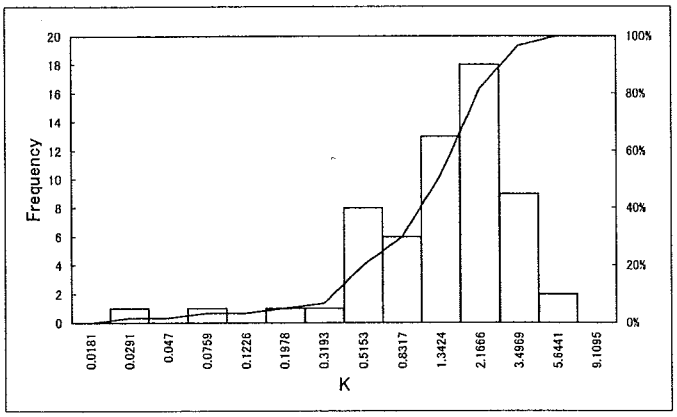


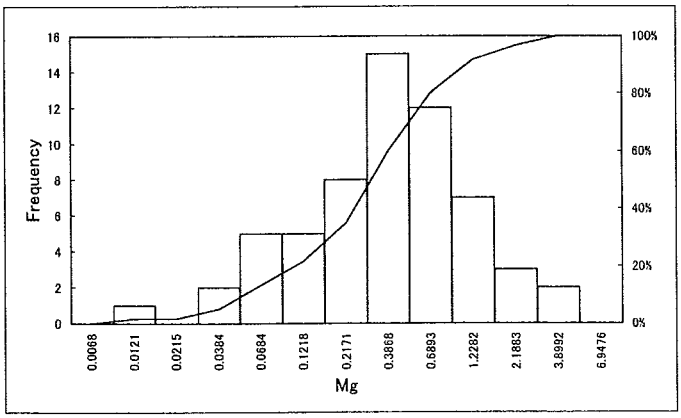


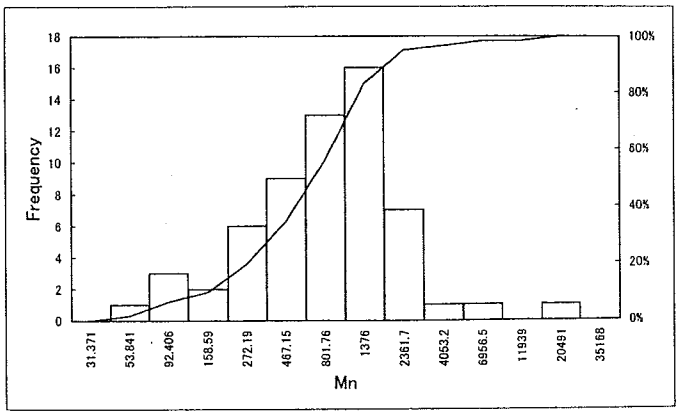




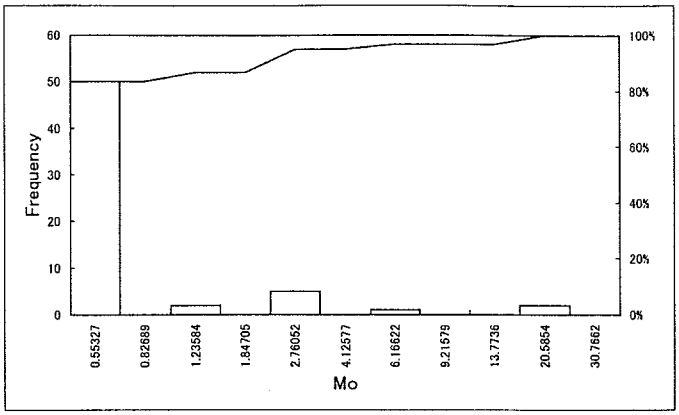


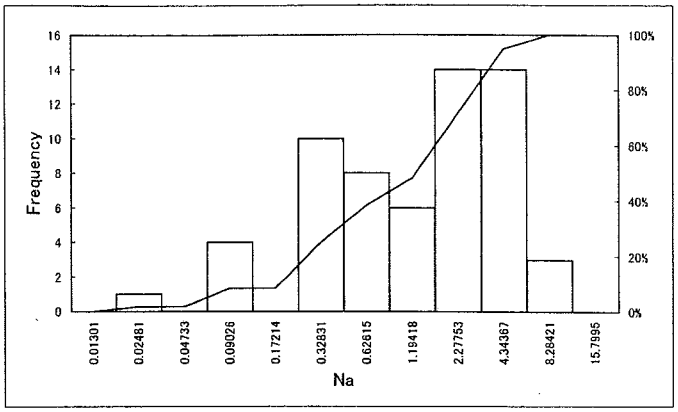


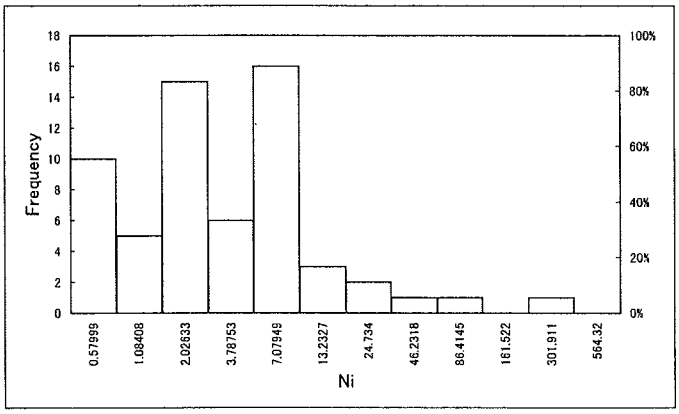


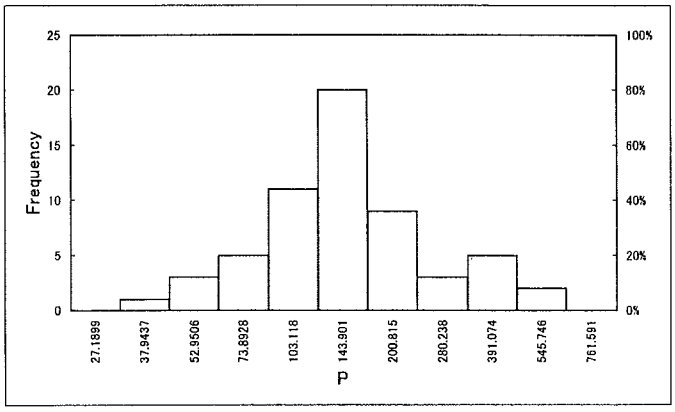


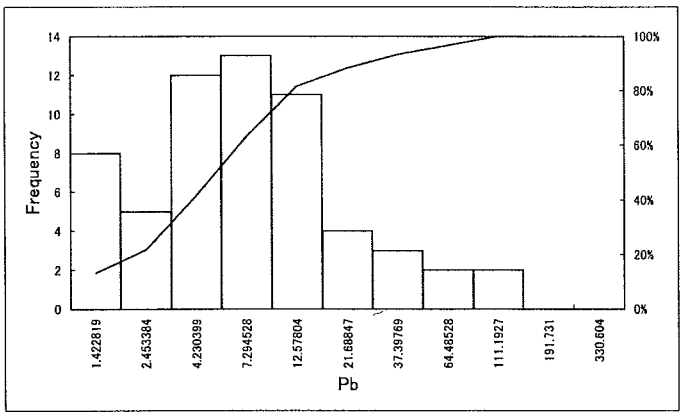
Appendix 5 Cumulative Frequency Diagram and Histogram (Tunca Area) (2)

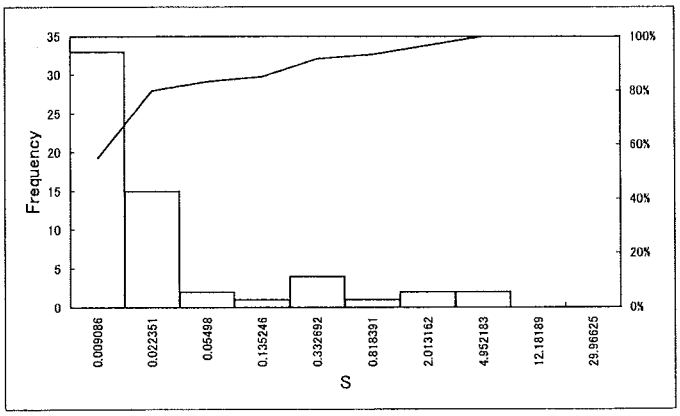


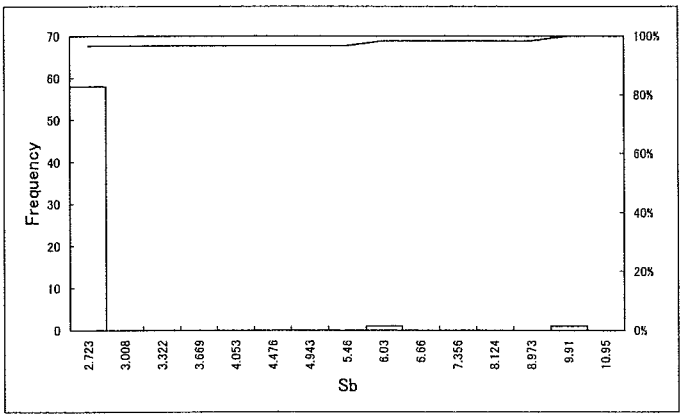


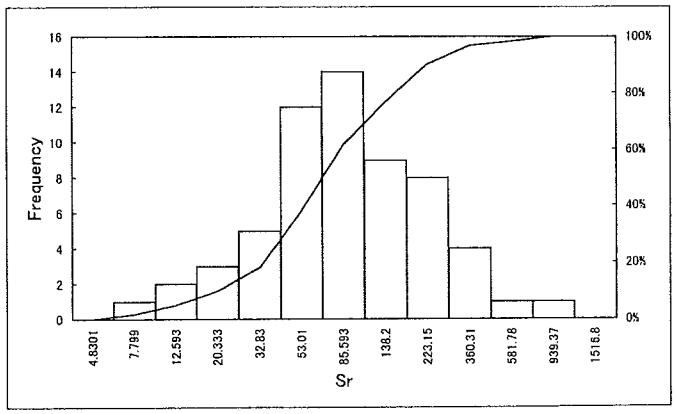




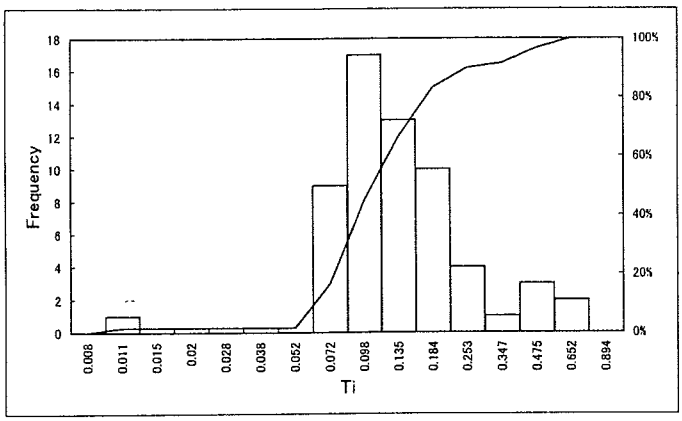


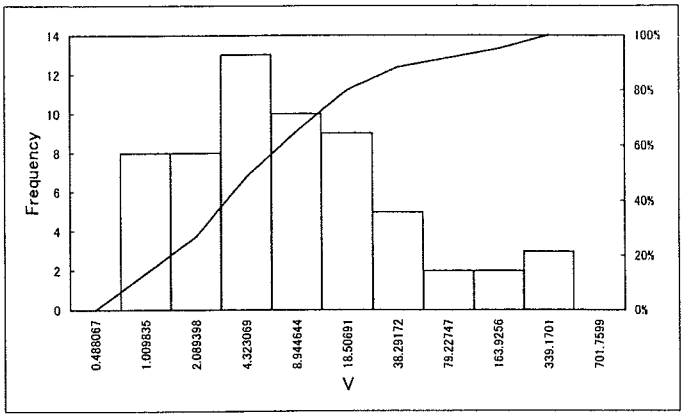


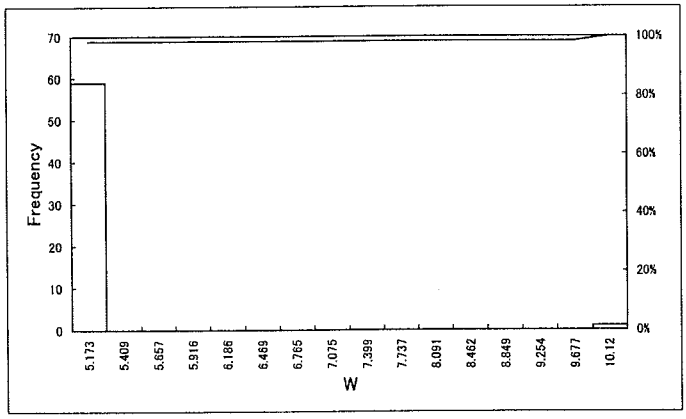


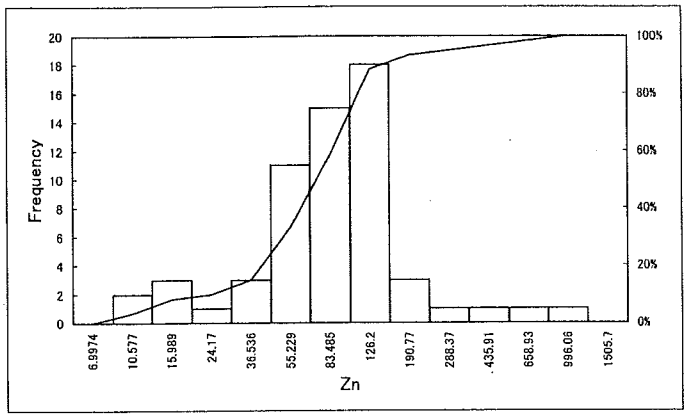


Appendix 5 Cumulative Frequency Diagram and Histogram (Tunca Area) (3)

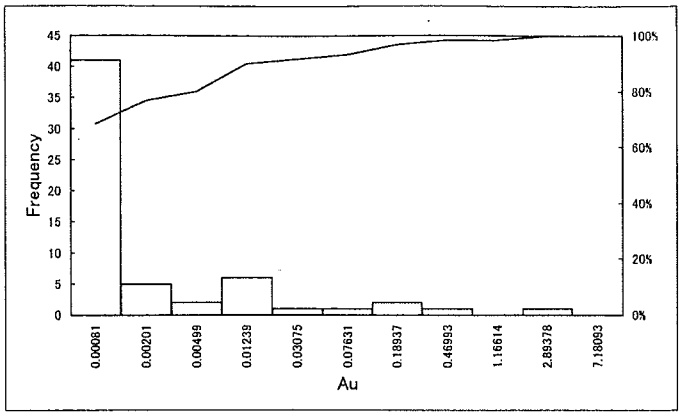


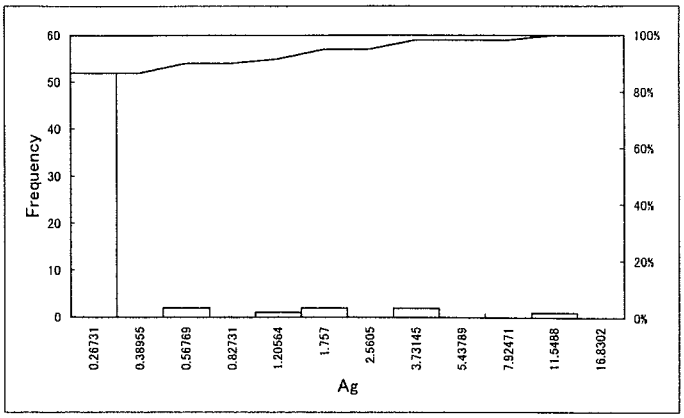


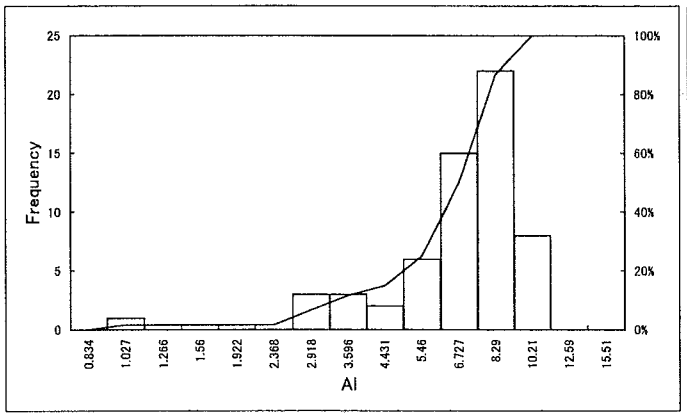


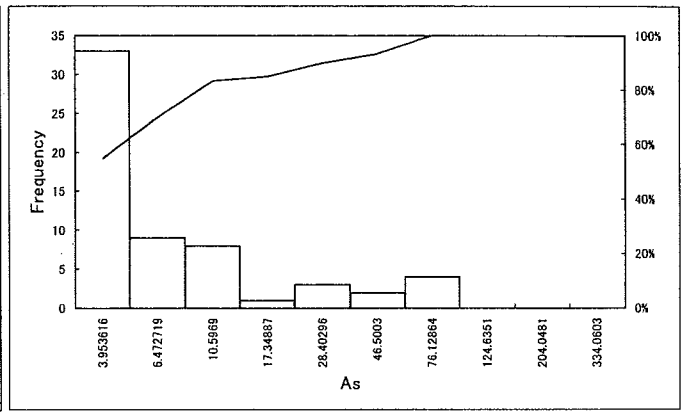


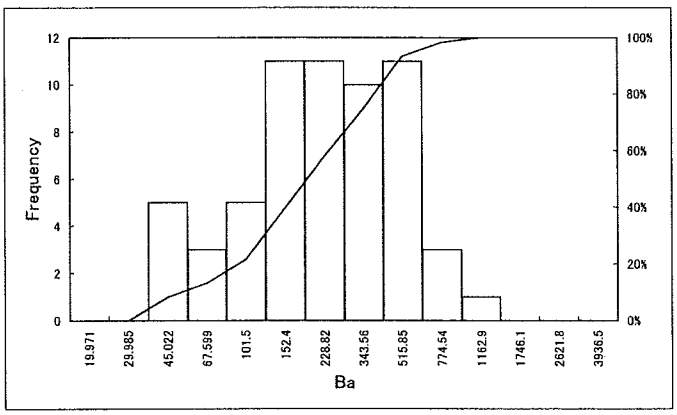
Appendix 5 Cumulative Frequency Diagram and Histogram (Tunca Area) (4)

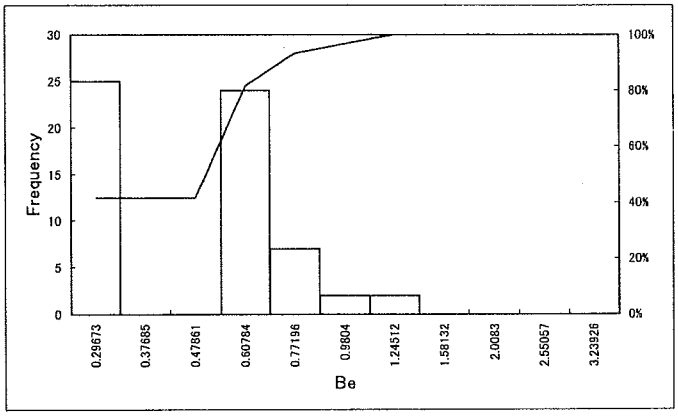


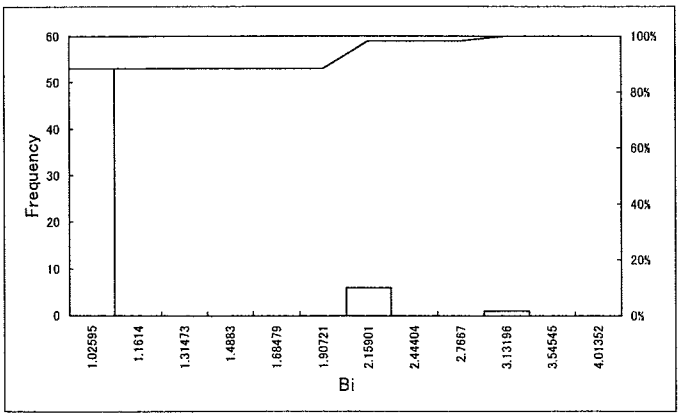


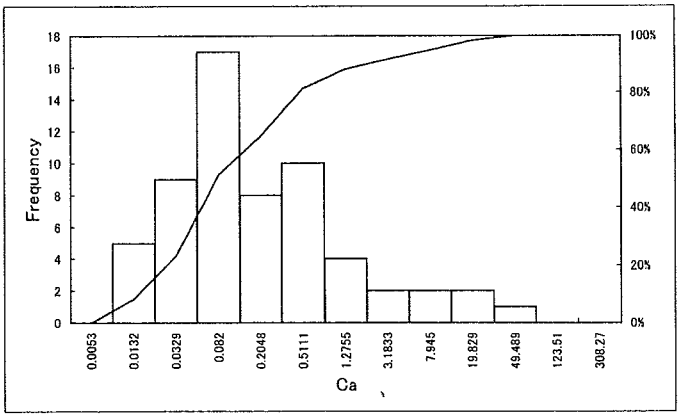




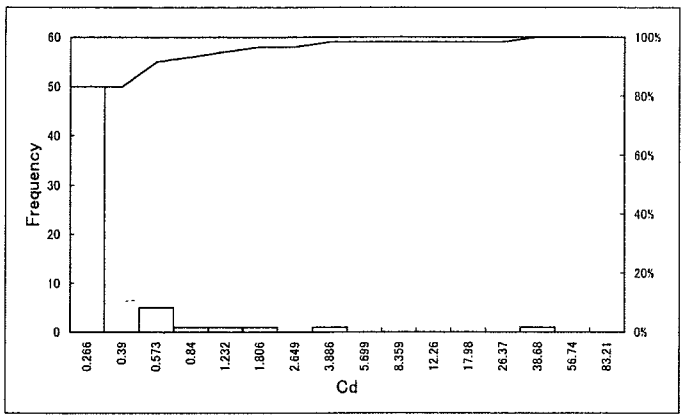


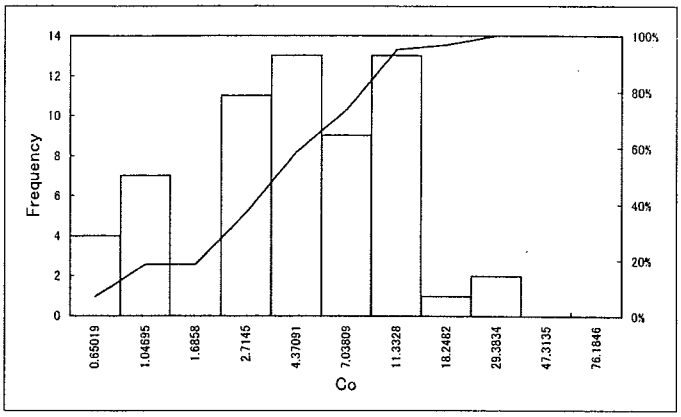


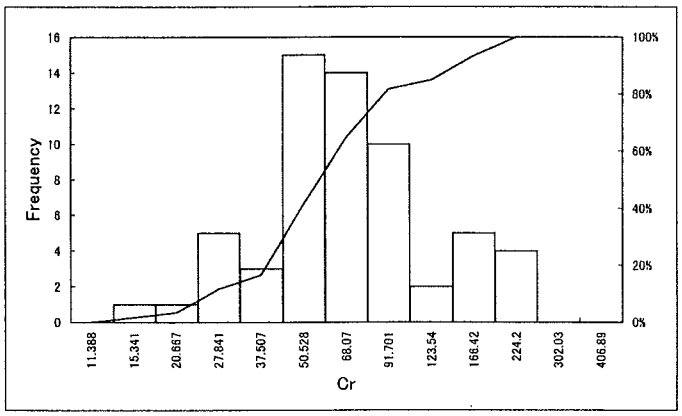


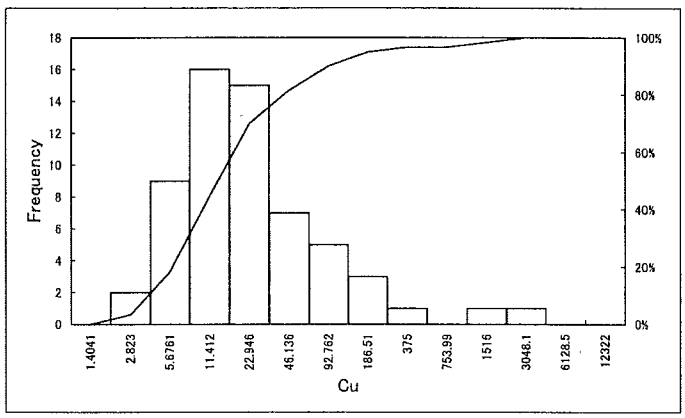


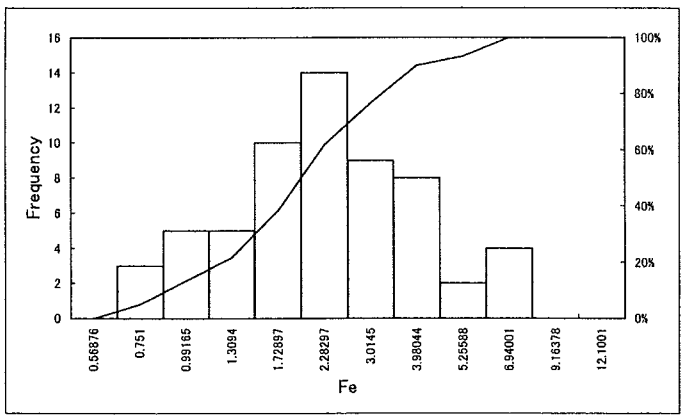
Appendix 5 Cumulative Frequency Diagram and Histogram (Murgul Area) (1)

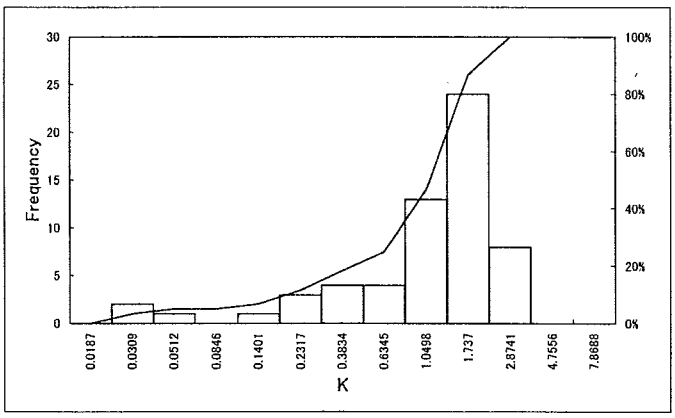


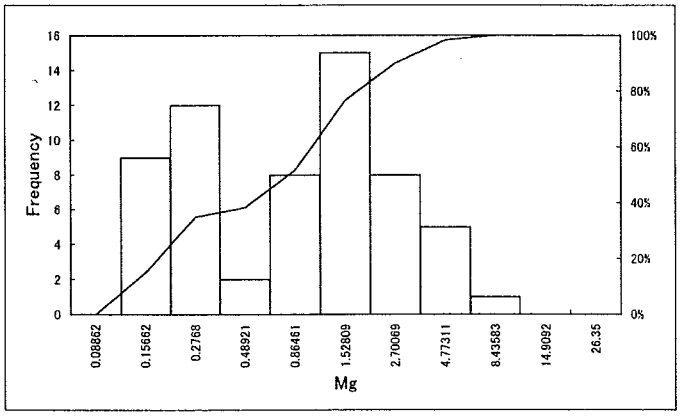


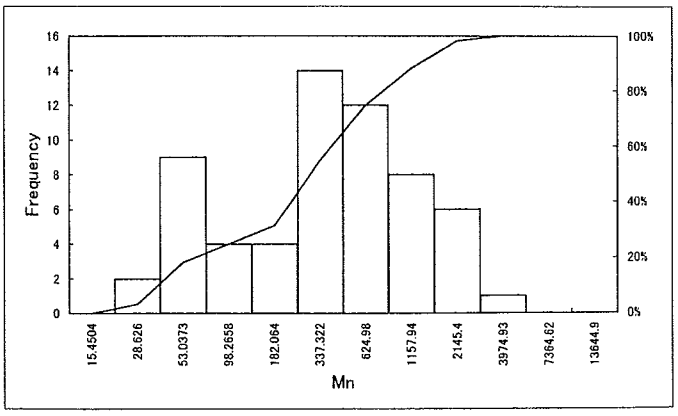




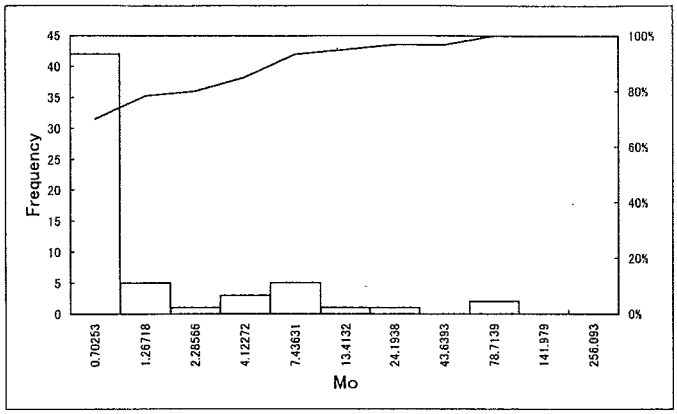


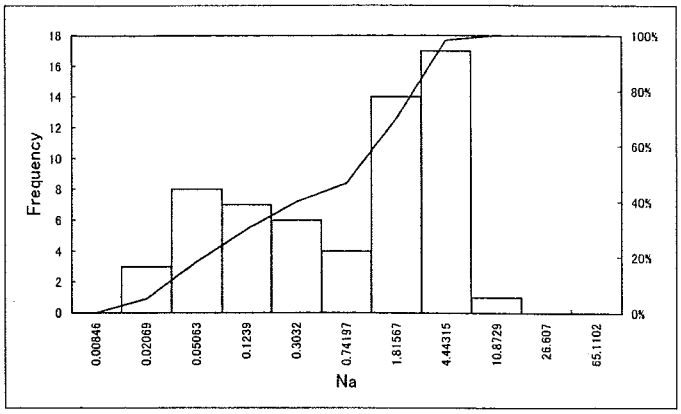


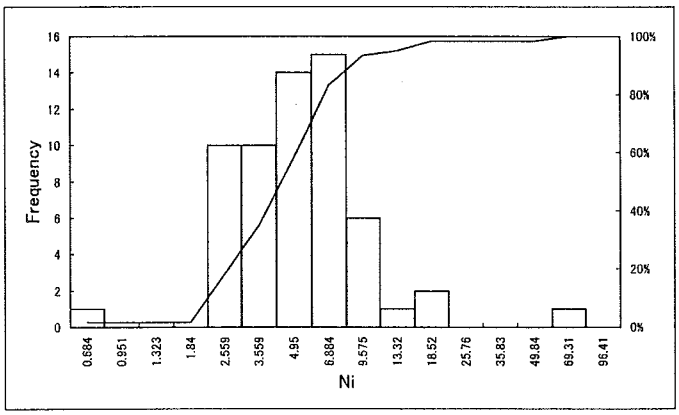


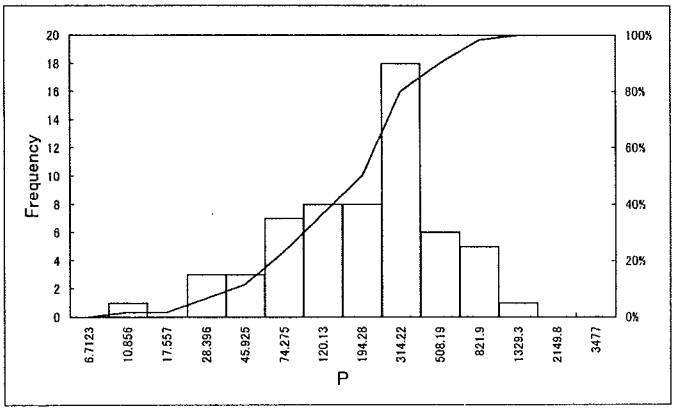


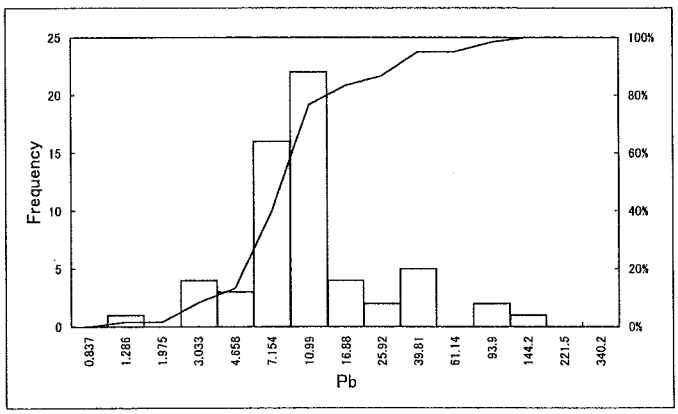
Appendix 5 Cumulative Frequency Diagram and Histogram (Murgul Area) (2)

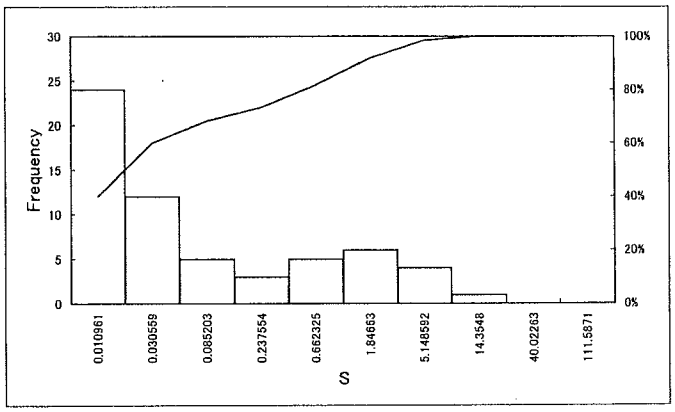


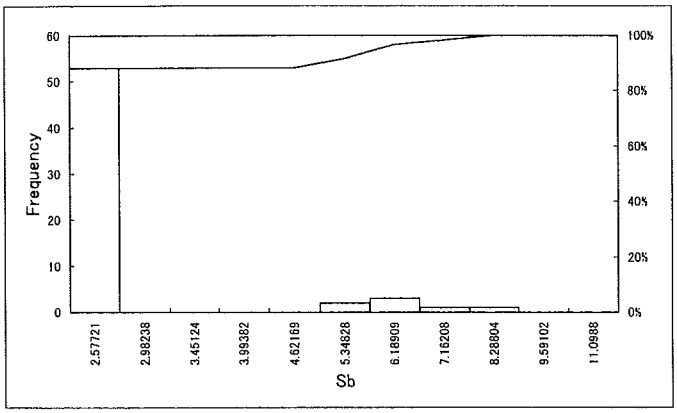


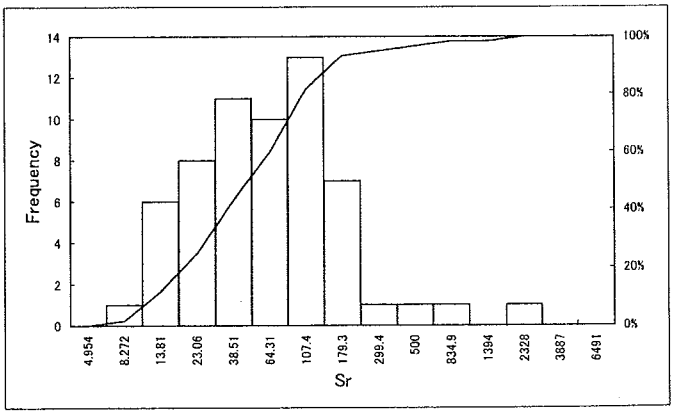




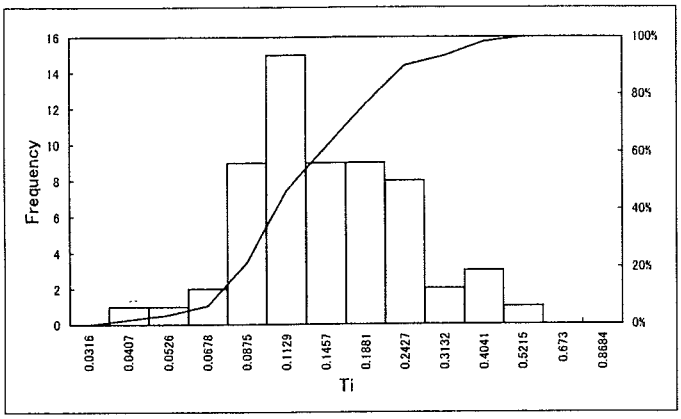


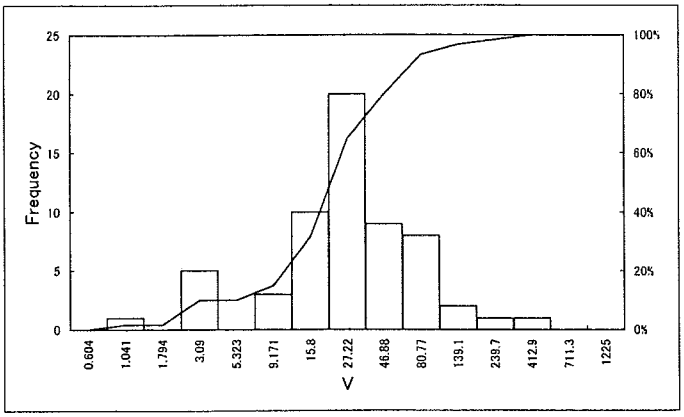


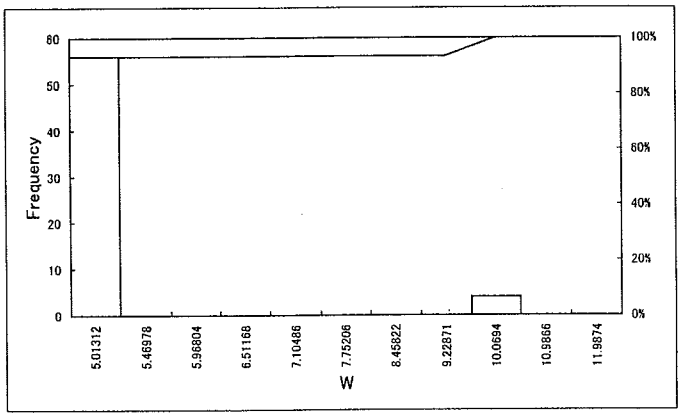


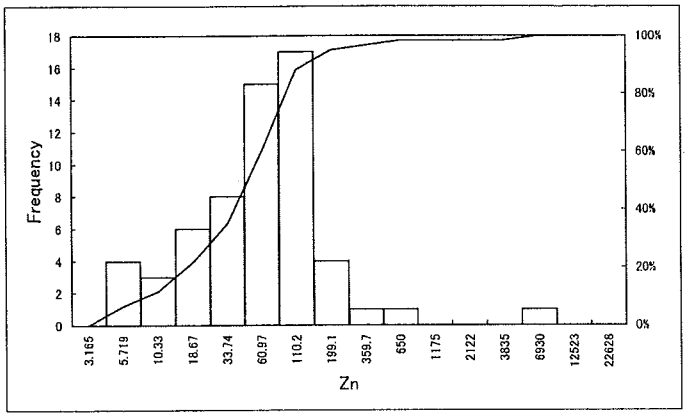


Appendix 5 Cumulative Frequency Diagram and Histogram (Murgul Area) (3)









Appendix 5 Cumulative Frequency Diagram and Histogram (Murgul Area) (4)