

卷末資料

Abbreviations of Appendix

v:very, s:strong, m:moderate, w:weak, arg:argillized, sil:silicified
limo:limonite, hem:hematite, r:rock, l:light, (f):float,
qz:quartz, py:pyrite, diss:dissemination
N:north, S:south, E:east, W:west, T:Tepe(hill), D:Dere(stream)

◎:Abundant ○:Common △:Few ·:Rare

Name of Mineral

Mo:montmorillonite, Ch:chlorite, Se:sericite, Mu:moscovite, Ka:kaoline,
Pr:pyrophyllite, Da:diaspore, Al:alunite, Gy:gypsum, An:anhydrite,
Ca:calcite, Do:dolomite, Si:siderite, Cr: α -cristobalite, Qz:quartz,
Pl:Plagioclase, Kf:potassium feldspar, Py:pyrite, Ma:magnetite,
He:hematite, Ep:epidote, Ho:hornblende, Ha:hallowite, Ja:jarosite

Name of Formation

Tss:Sakar Dağı Formation
Mga:Gıcikler Volcanics
Msa:Şapçı Volcanics

Table 1 Description of X-ray Diffractive Samples

No.	Rock Name	Alteration	Formation	Location
C678	White-grey altered andesite	m arg, w sil	Gıcikler V.	Bozcaören T.
C681	ditto	m arg	Şapçı V.	SW.Dikilitaş T.
C683	White altered tuff	s arg		SE.Dikilitaş T.
M673	White altered andesite	s arg		Tepetarla T.
M677	ditto	s arg		Mezarlık D.
M685	ditto	w arg		E.Küçükpaşa
M690	ditto	m arg		SW.Göle
M696	ditto	s arg		S.Hamam T.
M700	Grey altered andesite	m arg		NW.Halilaga
M701	White altered andesite	s arg		
M703	L.brown altered tuff	m arg		NE.Halilaga
P604	White altered andesite	s arg		SE.Seyret T.
P690	L.brown-white altered andesite	s arg		S.Seyret T.
P691	Purplish white altered tuff	m arg, w sil		SE.Seyret T.
P692	White altered andesite	m arg, s sil		
P693	ditto	s arg		E.Seyret T.
P694	Brown altered andesite	m arg, m sil		SE.Seyret T.
P695	White altered andesite	s arg, m sil		E.Seyret T.
P696	ditto	s arg, w sil		N.Seyret T.
P697	ditto	s arg, s sil		
P698	Yellow altered andesite	s arg		E.Seyret T.
P699	L.brown altered andesite	s arg, w sil		
P700	White altered andesite	s arg, m sil		
P701	L.brown altered andesite	m arg		
P702	White altered andesite	s arg		NW.Seyret T.
S611	White altered andesite	w arg		NE.Örle T.
S612	ditto	w arg		E.Örle T.
S665	White altered fine tuff	s arg	Gıcikler V.	Coal mine
S677	White altered rock	s arg	Sakar D.F.	E.Kabak T.
S680	Yellow altered rock	w arg, m sil		N.Kabak T.
S681	Pink-grey altered rock	s arg		
T678	Yellow-white altered andesite	m arg	Şapçı V.	Germetaş T.
T679	L.brown-white altered andesite	m arg		
T680	L.green-white altered andesite	m arg, w sil		W.Germetaş T.
T681	Yellow-white altered tuff	s arg		
T682	White altered tuff	s arg		N.Karaçam T.
T683	Yellow-white altered tuff	s arg		S.Karaçam T.
T684	White altered andesite	s arg		NE.Dışlık T.
T685	White altered tuff	s arg		
T686	White altered tuff	s arg		SW.Kocataş T.
T687	White altered tuff	s arg		
Y702	White altered andesite	s arg		S.Hamam T.
Y740	White-yellow altered andesite	s arg		S.Tepeköy
Y741	ditto	s arg		
Y742	ditto	s arg		W.Hamam T.
Y743	White altered andesite	m arg		Tepeköy
Y744	White-L.brown altered andesite	m arg		S.Tepeköy
Y745	White altered andesite	s arg		E.Hamam T.
Y746	White-yellow altered andesite	s arg		
Y747	L.red-white altered andesite	m arg		
Y748	L.grey altered andesite	m arg, s sil		Hamam T.
Y750	White altered andesite	s sil		
Y751	L.brown-white altered andesite	m arg		S.Hamam T.
Y752	Yellow-white altered tuff	m arg		SW.Hamam T.

Table 2 Results of X-ray Diffractive Analysis(1)

Sample No.	Altered Rock	Rock unit	Location	Clay Mineral						Sulfate m.			Carbonate			Silicate			Feld.		Miscellaneous m.				
				Mo	Ch	Se	Mu	Ka	Pr	Ha	Al	Gy	Ja	Ca	Do	Si	Cr	Tr	Qz	Pl	Kf	Py	Ma	He	Bi	Ho
C678	White altered andesite	Msa	Bozcaören Tepe	· ?				·									⊙		·						
C681	ditto	Msa	Dikilitaş Tepe	·				△									⊙		·						
C683	White altered tuff	Msa	ditto					⊙									⊙		·						
M673	white altered andesite	Msa	Tepetarla Tepe	·						· ?						△	·	⊙	○	·					
M677	ditto	Msa	Mezarlık Dere													⊙	△	⊙							
M685	ditto	Msa	Küçükpaşa	△												△	·		△	·	·				
M690	ditto	Msa	Göle	·												○			⊙	·					
M696	ditto	Msa	Hamam Tepe					△								○		△	·						
M700	Grey altered andesite	Msa	Halilaga							·						△	△		·	·		·	·		
M701	White altered andesite	Msa	ditto	·						·							△		·						
M703	L. brown altered tuff	Msa	ditto	△				·		△		·				△			·	·					
P604	White altered andesite	Msa	Seyret Tepe					△			△					○									
P690	L. brown altered andesite	Msa	ditto					△			△					○		○							
P691	Purplish altered tuff	Msa	ditto								○					△		○							
P692	White altered andesite	Msa	ditto					·			○							⊙							
P693	ditto	Msa	ditto	△												△			·	·					
P694	Brown altered andesite	Msa	ditto					·			○							⊙				·			
P695	White altered andesite	Msa	ditto					·			○							⊙							
P696	ditto	Msa	ditto					·			○							⊙							
P697	ditto	Msa	ditto					·			△							⊙							
P698	Yellow altered andesite	Msa	ditto	·							·		·					○							
P699	L. brown altered andesite	Msa	ditto					△			·							⊙							
P700	White altered andesite	Msa	ditto					·			·							⊙							
P701	L. brown altered andesite	Msa	ditto	·				· ?		·	·						△	△							
P702	White altered andesite	Msa	ditto					△			△							△							

Abbreviations: ⊙:Abundant ○:Common △:Few ·:Rare. Mo:Montmorillonite, Ch:Chlorite, Se:Serpicite, Mu:Muscovite, Ka:Kaoline, Pr:Pyrophyllite, Ha:Halloysite, Al:Alunite, Gy:Gypsum, Ja:Jarosite, Ca:Calcite, Do:dolomite, Si:Siderite, Cr:α-Cristobalite, Tr:Toridymite, Qz:Quartz, Pl:Plagioclase, Kf:Potassium feldspar, Py:Pyrite, Ma:Magnetite, He:Hematite, Bi;Biotite, Ho:Hornblende.

Msa:Gıcikler Volcanics, Msa:Şapçı Volcanics

Table 2 Results of X-ray Diffractive Analysis(3)

Sample No.	Altered Rock	Drill Hole		Clay Mineral								Sulfate m.			Carbonate			Silicate		Feld.		Miscellaneous m.							
		No.	Depth	Mo	Ch	Se	Ha	Ka	Pr	Da	Al	Gy	Ja	Ca	Do	Si	Cr	Qz	Pl	Kf	Py	Mo	He	Gn	Mg	Bi	Ho		
071	Limonitic s arg rock	MJTC-7	9.50			.	.										⊙	.	.										
072	Grey s arg rock with py diss		47.00	△				.									△	.	.										
073	ditto		70.00	.				.									△	.	.										
074	Grey m arg fine tuff		96.50	△				.					△				△	.	.										
081	L. reddish-brown m arg andesite	MJTC-8	7.00			.											⊙	.	.										
082	L. grey s arg rock		33.00			.											○	.	△	△									
083	L. grey m arg andesite with py diss		87.00			.		.									○	△	.	.									
084	ditto		113.00	.		.											○	△	.	.									
091	White-l. brown s-m sil rock	MJTC-9	10.00								△						⊙												
092	L. grey m sil rock		32.00								○						⊙												
093	L. grey sil fine tuff		76.00								△						⊙												
094	L. grey m sil rock with py diss		151.00								△						⊙												
101	L. grey s sil rock	MJTC-10	40.00					△									⊙	.	.	.									
102	White brecciated sil rock		83.80					.									⊙	.	.	.									
103	Grey vs massive sil rock with clay		125.00					△									△	.	.										
104	L. grey brecciated sil rock		147.00					.			○						⊙			.									
111	Grey vs sil rock with alunite	MJTC-11	56.00						△	.						.	△	.	.										
112	ditto		71.40						△		⊙	.	.	.	.	.	○							
113	Grey m-s arg rock with py diss		114.00						○		△	.	.	.	.	.	△							
114	L. grey s arg rock with py diss		149.00						△									.	.	.									
121	Limonitic s arg rock	MJTC-12	16.00			.	.				△						⊙												
122	Reddish grey s arg rock		59.50					.			△						⊙												
123	Grey-red massive vs sil rock		94.60			.	.		△		.						⊙												
124	Grey s arg rock with py diss		148.00			.		△			.						○			.									
131	White clay	MJTC-13	40.80					.	△		.						⊙												
132	L. grey fine-grained rock		44.70					.	△		.						⊙												
133	Fractured s sil rock		90.30														⊙												
134	L. grey fractured s arg rock		117.80					.	△																				
141	White grey s arg rock	MJTC-14	38.80					.	.		△						⊙												
142	White s arg rock		57.30					.			△						⊙												
143	L. green m arg andesite		61.20					.	△		△						○												
144	Fractured rock with limonite		119.80						○		.						△	○	.										

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Table 2 Results of X-ray Diffractive Analysis(4)

Sample No.	Altered Rock	Drill Hole		Clay Mineral							Sulfate m.			Carbonate			Silicate		Feld.		Miscellaneous m.						
		No.	Depth	Mo	Ch	Se	Ha	Ka	Pr	Da	Al	Gy	Ja	Ca	Do	Si	Cr	Qz	Pl	Kf	Py	Mo	He	Gn	Mg	Bi	Ho
151	Altered porphyry	MJTC-15	44.20			.		△					.				⊙		.	.	.						
152	Grey fault clay		52.70			.		.									⊙		.	.	.						
153	Silicified rock		68.50			.		.					△				⊙	○	.	.	.						
154	L. grey m arg porphyry		119.80			.		△									⊙	△	.	.	.						
155	ditto		131.80			.		△									⊙	.	.	.	.		
156	ditto		149.00			.		.									⊙	△	.	.	.						
161	Grey m arg andesite	MJTC-16	17.10	△				.					△			△		.	.	.	.				.
162	L. grey-green w alt andesite		64.00	○		.		.								△		.	.	.	.				.
163	ditto		83.50	△				△								△		.	.	.	.		
164	Dark green auto-brecciated andesite		150.00	△		.		.								.	.	△	.	.	.
171	Grey m arg andesite	MJTC-17	13.80	△				.									○	.	.	.	.		
172	ditto		70.00					△								△		?	
173	L. grey w arg andesite		96.50					.								⊙	△		.	.	.						
174	Cream yellow s arg rock		142.50	.				.										○	.	.	.					△	

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Table 3 Description of Rock Samples

Etili				No.1	
No.	Rock Name	Alteration	Formation	Location	
C601	Massive rock with limonite	m sil	Şapçı V.	N.Germetaş T.	
C602	ditto	vs sil			↓
C604	Altered rock with limonite	s arg. w sil			NW.Germetaş T.
C605	Massive rock with limonite	vs sil			↓
C606	Porous rock	s sil			Germetaş T.
C608	Traverten				↓
C609	Brecciated rock with limonite	s sil			
C610	Limonitic rock	s sil			
C611	Massive rock	vs sil			
C612	Massive rock (opal)	vs sil		SE.Germetaş T.	
C613	Brecciated rock with limonite	s sil		E.Keçiagıl	
C614	Porous rock	s sil		↓	
C615	Massive rock	m sil			
C616	Brecciated rock with limonite	s sil			
C617	Brecciated rock	s sil		E.Davulga T.	
C618	Massive rock (opal)	vs sil		↓	
C619	ditto	vs sil			
C620	ditto	vs sil			
C621	Altered rock with limonite	s arg			
C622	Altered rock	s arg			
C623	Limonitic rock			NE.Davulga T.	
C624	Massive rock (opal)	vs sil		↓	
C625	Brecciated rock	s sil		NE.Halilaga	
C626	Brecciated rock with limonite	s sil		↓	
C627	ditto	s sil			
C628	ditto	s sil			
C629	ditto	s sil			
C630	ditto	s sil			
C631	ditto	s sil			
C632	Porous rock with limonite	s sil		Dikilitaş T.	
C633	ditto	s sil		↓	
C634	ditto	s sil			
C635	ditto	s sil			
C636	ditto	s sil			
C637	ditto	s sil			
C638	Altered rock with limonite	w arg. w sil			
C639	Massive rock	vs sil		NE.Halilaga	
C641	Altered rock with qz veinlet	w arg		Dag D.	
C645	Porous rock with limonite	s sil		E.Taşkesilen T.	
C647	Massive rock with limonite	s sil		NE.B.başı T.	
C648	ditto	s sil		↓	
C649	Massive rock	s sil			
C650	ditto	s sil		Oglaktaşı T.	
C651	Massive rock with limonite	s sil		S.Halilaga	
C652	ditto	s sil		↓	
C653	Massive rock	s sil			
C667	Massive rock with limonite	m sil		ENE.Dereoba	
C668	ditto	s sil		↓	
C669	Brecciated rock with limonite	s sil			
C670	ditto	s sil			

Table 3 Description of Rock Samples

No.2

No.	Rock Name	Alteration	Formation	Location	
C671	Porous rock with limonite	s sil	Şapçı V.	ENE.Dereoba	
C672	Brecciated rock with limonite	s sil			↓
C673	ditto	s sil			
C674	ditto	m sil			
M601	Grey rock with limonite	vs sil		NE.Bag T.	
M602	ditto	vs sil		(Open pit 3m)	
M603	ditto	vs sil		↓	
M604	ditto	vs sil			
M605	ditto	vs sil			
M606	ditto	vs sil			
M607	ditto	vs sil		Lower bench	
M608	ditto	vs sil		↓	
M609	ditto	vs sil			
M610	ditto	vs sil			
M611	ditto	vs sil			
M612	ditto	vs sil		Upper bench	
M613	ditto	vs sil		↓	
M614	ditto	vs sil			
M615	ditto	vs sil			
M616	ditto	vs sil			
M617	Brecciated rock with limonite	vs sil		E.Bag T.	
M618	ditto	vs sil		(drill road)	
M619	Porous rock with limonite	vs sil		↓	
M620	Limo-sil part in the arg zone	w arg. s sil			
M621	ditto	w arg. s sil			
M622	Fractured rock with limonite	w arg. s sil		Bag T.	
M623	ditto	w arg. s sil		(pipe line)	
M624	Limonitic rock (float)	w arg. s sil		↓	
M625	Massive rock with limonite	w arg. s sil			
M626	ditto(float)	w arg. s sil			
M627	Porous limo part in the sil r	w arg. s sil		S.Bag T.	
M628	ditto	w arg. s sil		(Open pit)	
M629	ditto	w arg. s sil		↓	
M630	ditto	w arg. s sil			
M631	Limonitic massive rock	vs sil		S.Bag T.	
M632	ditto	vs sil		↓	
M633	Grey massive rock with limo	vs sil			
M634	Limonitic rock	w arg. s sil			
M635	Massive rock with limonite	vs sil		NE.Bag T.	
M636	ditto	vs sil		↓	
M637	ditto	vs sil			
M638	ditto	vs sil			
M639	ditto	vs sil			
M640	ditto	vs sil			
M641	ditto	vs sil			
M642	ditto	vs sil		↓	
M643	ditto	vs sil			
M644	Porous rock with limonite	w arg. s sil			
M645	ditto	w arg. s sil			
M646	Massive part in the arg rock	w arg. s sil		E.Bag T.	

Table 3 Description of Rock Samples.

No.3

No.	Rock Name	Alteration	Formation	Location
M647	Massive part in the arg rock	w arg, s sil	Şapçı V.	E.Bağ T.
M648	Porous, brecciated rock	w arg, s sil		↓
M649	ditto	w arg, s sil		
M650	ditto	w arg, s sil		
M651	Brecciated rock with limo	w arg, s sil		NE.Bağ T.
M652	ditto	w arg, s sil		↓
M653	ditto	w arg, s sil		
M654	ditto	w arg, s sil		
M655	Massive rock with limonite	w arg, s sil		↓
M659	Massive rock with limonite(f)	vs sil		S.Küçükpaşa
M660	Limonitic rock(f)	vs sil		↓
M665	Massive rock with limonite(f)	vs sil		NW.Halilaga
M666	ditto	vs sil		
M667	ditto	vs sil		
M668	Brecciated rock with limo(f)	s sil		
M669	Reddish soil	m arg		
M670	Massive rock with limonite(f)	vs sil		
M671	ditto	s sil		
M672	Brecciated rock with limonite	s sil		
M674	Massive rock with limonite(f)	vs sil		
M675	Brecciated rock with limo(f)	vs sil		
M676	Reddish limonitic rock(f)	w arg, s sil		
M678	Brecciated rock with limo(f)	vs sil		
M679	ditto	vs sil		
M680	Brecciated rock with limo(f)	w arg, m sil		NW.Halilaga W.Sakar Dağı
M687	Reddish limonitic rock	w arg, m sil		SW.Küçükpaşa
M688	Massive rock with limonite(f)	vs sil		N.Çardak T.
M689	Limonitic porous rock(f)	vs sil		Kocasık T.
P601	Grey massive~porous rock	s sil		S.Seyret T.
P602	L.grey porous rock with limo	s sil		
P603	ditto	s sil		
P605	L.grey massive~porous rock	s sil		
P606	Massive brecciated rock	s sil		
P607	Porous rock with limonite	m sil		Seyret T.
P608	ditto	s sil		
P609	ditto	s sil		
P610	Porous~massive rock	s sil		
P611	Massive~porous rock	s sil		
P612	ditto	s sil		
P613	ditto	s sil		
P614	Altered rock with limonite	s arg, w sil		
P615	Grey massive~porous rock	s sil		
P616	Massive and crushed rock	s sil		
P617	Porous rock	w arg, s sil		
P618	Altered rock with limonite	s arg		
P619	ditto	s arg, w sil		
P620	ditto	s arg, w sil		
P621	Grey massive rock with limonit	s sil		
P622	Grey massive rock	s sil		
P623	Altered rock with limonite	s arg		

Table 3 Description of Rock Samples

No.4

No.	Rock Name	Alteration	Formation	Location	
P624	Altered rock with limonite	s arg,	Şapçı V.	Seyret T.	
P625	Brecciated rock with limonite	s sil			
P626	Grey massive rock	w arg, s sil			
P627	Massive~porous rock	s sil			
P628	Brecciated rock with limonite	s sil			E.Seyret T.
P629	Brecciated massive rock	s sil			
P630	ditto	s sil			
P631	Porous limonitic rock	m sil			
P632	Massive/brecciated rock	s sil			
P633	Massive rock with limonite	s sil			
P634	Massive~porous rock	s sil		Seyret T.	
P635	ditto	ditto			
P636	ditto	s arg, w sil			
P637	Altered rock	s arg		E.Seyret T.	
P638	ditto	s arg			
P639	Altered rock with limonite	s arg			
P640	ditto	s arg			
P641	Yellow altered rock	s arg			
P642	Massive~porous rock	s sil			
P643	ditto	s sil			
P644	Grey massive rock	s sil			
P645	L.grey massive rock	s sil			
P646	Altered rock	s arg		Seyret T.	
P647	Limonitic brecciated rock	s arg, m sil			
P648	Limonitic altered rock	s arg, w sil			
P649	ditto	s arg, w sil			
P650	ditto	s arg, m sil		E.Seyret T.	
P651	Limonitic massive~porous rock	s sil		Halilaga	
P652	ditto	s sil			
P653	Massive~porous rock	s sil			
P654	Brecciated porous rock	s sil			
P655	Limonitic porous rock	s sil			
P656	ditto	s sil			
P657	ditto	s sil			
P658	Limonitic massive~porous rock	s sil			
P659	Limonitic porous rock	s sil			
P660	L.grey brecciated rock	s sil			
P661	Limonitic brecciated rock	s sil			
P662	Massive~porous rock	s sil			
P663	Limonitic porous rock	s sil			
P664	Argillized rock	s arg, w sil			
P665	Limonitic porous rock	s sil			
P666	Altered rock	s sil			
P667	Limonitic brecciated rock	s sil			
P668	ditto	s sil			
P669	ditto	s sil			
P670	ditto	s sil			
P671	Altered rock	s arg, w sil			
P673	Altered rock with limo (opal)	s arg, w sil		Keçiagılı	
P674	L.grey massive rock	s sil			

Table 3. Description of Rock Samples

No.5

No.	Rock Name	Alteration	Formation	Location
P675	L.grey massive rock	s sil	Şapçı V.	Keçiagılı
P676	ditto	s sil		↓
P677	L.brown rock with limonite	s sil		Halilaga
P679	Altered rock with limonite	s arg, w sil		
P680	ditto	s arg, w sil		
P681	ditto	s arg, w sil		↓
P682	Massive~porous rock with limo	s sil		Seyret T.
P683	Massive/brecciated rock	s sil		
P684	Altered rock with limonite	s arg, m sil		
P685	Massive~porous rock	s sil		
P686	Massive/brecciated rock, limo	s sil		↓
P687	ditto	s sil		Örle T.
S601	Silicified rock with limonite	m sil, w arg		
S602	ditto	w sil, w arg		
S603	ditto	w sil, w arg		
S605	ditto	w sil, w arg		
S606	ditto(soil)	w sil, w arg		
S607	Massive rock with limonite	vs sil		
S608	ditto	s sil		
S609	ditto	s sil		
S610	ditto	s sil		
S614	Brecciated rock with limonite	s sil		
S615	ditto	s sil		
S616	ditto	s sil		
S620	Brecciated rock with limonite	vs sil		Dereoba Çayı
S621	ditto	vs sil		↓
S622	Brecciated rock with limonite	m sil		Kocataş T.
S623	ditto	m sil		
S624	ditto	s sil		
S625	ditto	m sil		
S626	ditto	s sil		
S627	ditto	s sil		
S628	ditto	s sil		
S629	ditto	vs sil		
S630	ditto	vs sil		
S631	ditto	vs sil		
S632	ditto	vs sil		
S633	ditto	vs sil		
S634	Mass/Porous rock with limonite	vs sil		
S635	ditto	vs sil		
S636	ditto	vs sil		
S637	ditto	vs sil		
S638	Fractured rock with limonite	vs sil		
S639	Massive~porous rock with limo	vs sil		
S640	Brecciated rock with limonite	vs sil		
S641	Massive~porous rock with limo	vs sil		↓
S642	Brecciated rock with limonite	vs sil		Taşkesilen T.
S643	ditto	vs sil		
S644	ditto	vs sil		
S645	ditto	vs sil		↓

Table 3 Description of Rock Samples

No.6

No.	Rock Name	Alteration	Formation	Location
S646	Brecciated rock with limonite	m sil	Şapçı V.	Taşkesilen T.
S647	Massive~porous rock with limo	vs sil		
S648	ditto	vs sil		
S649	ditto	vs sil		
S650	ditto	vs sil		↓
S651	Massive~porous rock with limo	vs sil		Taşkesilen T.
S652	ditto	vs sil		
S653	ditto	vs sil		
S654	ditto	vs sil		
S655	ditto	vs sil		
S656	ditto	vs sil		
S657	ditto	vs sil		
S658	ditto	vs sil		
S659	ditto	vs sil		
S660	ditto	vs sil		
S661	ditto	vs sil		
S662	ditto	vs sil		
S667	Limonic rock	s sil	Gıciker V.	
S679	Silicified rock with epidote	vs sil, w arg	Sakar Dağı	
S680	ditto, py diss (sulfur)	vs sil		
S681	ditto, py diss (alunite)	vs sil		
S691	Sedimentary rock with py diss	vs sil epi		
S705	Malachite with garnet	skarn		
S707	Gossan with magnetite, quartz	skarn		
S708	Mass~porous rock with limo	vs sil	Şapçı V.	
S709	ditto	vs sil		
S710	ditto	vs sil		
S711	ditto	vs sil		
S712	ditto	vs sil		
S713	ditto	vs sil		
S714	ditto	vs sil		
S715	ditto	vs sil		
S716	ditto	vs sil		
S717	ditto	vs sil		
S718	Silicified andesite(breccia)	w sil		
S719	Silicified rock	s sil		↓
T601	Argilic rock with hematite	s arg, m sil		SW.Tepeköy
T602	Brec andesite with limo & hem	w arg, m sil		SW.Çoban T.
T603	ditto	w arg, m sil		↓
T604	Fractured, brecciated rock	s arg		Çoban T.
T605	Limonic rock	s arg, w sil		E.Çoban T.
T606	Limonic rock	s arg		↓
T607	Brecciated rock with limonite	vs sil		Germetaş T.
T608	Limonic massive rock	vs sil		
T609	Massive rock with limonite	vs sil		
T610	ditto	vs sil		
T611	Limonic massive rock	vs sil		
T612	Limonic arg rock	s arg, w sil		↓
T613	Brec andesite with limo & hem	w arg, w sil		E.Karaçam T.
T614	Massive rock with limonite	vs sil		N.Karaçam T.

Table 3 Description of Rock Samples

No.7

No.	Rock Name	Alteration	Formation	Location
T615	Massive rock	vs sil	Şapçı V.	Karaçam T.
T616	Massive rock with limonite	vs sil		N.Dışlık T.
T617	Arg rock	vs arg		↓
T618	Massive rock with limonite	vs sil		N.Karaçam T.
T619	Limonitic rock	s arg		↓
T620	Arg rock with limonite	s arg, w sil		Dışlık T.
T621	Opal			↓
T622	ditto			SE.Karaçam T.
T623	Massive rock	vs sil		↓
T624	ditto	vs sil		
T625	ditto	vs sil		↓
T626	ditto	vs sil		E.Karaçam T.
T627	Arg rock	vs arg		↓
T628	Massive rock	vs sil		
T629	ditto	vs sil		Kocataş T.
T630	ditto	vs sil		
T631	Banded massive rock with limo	vs sil		
T632	Massive rock with qz veinlets	vs sil		
T633	Massive rock	vs sil		
T634	Brecciated rock with limonite	s sil		
T635	Limonitic brecciated rock	s sil		
T636	Limonitic rock	vs sil		
T637	ditto	vs sil		
T638	Massive rock	vs sil		
T639	ditto	vs sil		
T640	Grey limonitic massive rock	vs sil		
T641	Massive rock	vs sil		
T642	Limonitic rock	vs sil		
T643	Massive rock	vs sil		
T644	Fractured & brecciated rock	vs sil		
T645	Massive rock	vs sil		
T646	Limonitic brecciated rock	vs sil		
T647	Massive rock	vs sil		
T648	Limonitic silicified rock	vs sil		
T649	Limonitic brecciated rock	vs sil		
T650	Limonitic silicified rock	vs sil		
T651	Limonitic massive rock	vs sil		
T652	Fractured, silicified rock	vs sil		
T653	Massive silicified rock	vs sil		
T654	Brecciated silicified rock	vs sil		
T655	Brecciated limonitic rock	vs sil		
T656	Altered rock	s arg	Sakar Dağı	SW B.başı T.
T657	Hornfels with py-limo	s sil		Kurtalanı
T658	Hornfels	m arg, m sil		↓
T659	Hornfels	s arg, m sil		
T660	Hornfels	s sil		Sivri T.
T661	Skarn with py-limo			↓
T662	Skarn with malachite-azraite			B.başı T.
T663	Silicified rock with qz vein	vs sil	Şapçı V.	Örenpiren T.
T664	Silicified rock	w arg, vs sil		↓

Table 3 Description of Rock Samples

No.8

No.	Rock Name	Alteration	Formation	Location
T665	Silicified andesite with limo	m arg, m sil	Şapçı V.	Örenpiren T.
T666	Altered rock	vs arg		B.başı T.
T667	Massive rock with limo	vs sil		Germetaş T.
T668	ditto	vs sil		↓
T669	ditto	vs sil		N.Karaçam T
T670	ditto	vs sil		↓
T671	ditto	vs sil		↓
T672	ditto	w arg, s sil		Karaçam T.
Y601	Fractured, brecciated rock	vs sil		Hamam T.
Y602	Limonitic brecciated rock	vs sil		
Y603	ditto	vs sil		
Y604	ditto	vs sil		
Y605	Brecciated silicified rock	vs sil		
Y606	Brecciated silicified rock	vs sil		
Y607	Limonitic brecciated rock	vs sil		
Y608	Limonitic brecciated rock	vs sil		
Y609	Limonitic porous rock	vs sil		
Y610	Limonitic brecciated rock	vs sil		
Y611	ditto	vs sil		
Y612	ditto	vs sil		
Y613	ditto	vs sil		↓
Y614	ditto	vs sil		Karailıca
Y615	ditto	vs sil		
Y616	Brecciated rock with pyrite	vs sil		
Y617	Altered andesite	m arg		
Y618	ditto	m arg, w sil		↓
Y619	Grey sil rock with pyrite	vs sil		Hamam T.
Y620	Limonitic brecciated rock	vs sil		
Y621	ditto	vs sil		
Y622	Brecciated rock with pyrite	vs sil		
Y623	Altered andesite	m arg, w sil		
Y624	Limonitic brecciated rock	vs sil		
Y625	Brecciated rock	w arg, s sil		
Y626	ditto	w arg, s sil		
Y627	ditto	w arg, s sil		
Y628	ditto	w arg, s sil		
Y629	ditto	w arg, s sil		
Y630	Grey massive rock	vs sil		
Y631	ditto	vs sil		
Y632	ditto	vs sil		
Y633	ditto	vs sil		
Y634	ditto	vs sil		
Y635	ditto	vs sil		
Y636	ditto	vs sil		
Y637	Grey fractured sil rock	vs sil		
Y638	ditto	vs sil		
Y639	ditto	vs sil		
Y640	ditto	vs sil		
Y641	ditto	vs sil		
Y642	Grey~blue massive rock	vs sil		↓

Table 3 Description of Rock Samples

No.9

No.	Rock Name	Alteration	Formation	Location
Y643	Limonitic arg rock	s arg, m sil	Şapçı V.	Hamam T.
Y644	Grey~blue massive rock	vs sil		↓
Y645	Massive rock	vs sil		
Y646	ditto	vs si		
Y647	ditto	vs sil		
Y648	ditto	vs sil		
Y649	Grey massive rock	vs sil		
Y650	ditto	vs sil		↓
Y651	Grey massive rock	vs sil		Hamam T.
Y652	ditto	vs sil		↓
Y653	ditto	vs sil		
Y654	Altered andesite	s arg		
Y655	Porous rock with limonite	s sil		
Y656	Altered rock with limonite	s arg		↓
Y657	L.grey massive rock	vs sil		S.Karalıca
Y658	Brecciated massive rock	vs sil		↓
Y659	ditto	vs sil		
Y660	Massive rock	vs sil		
Y661	Fractured, massive rock with py	vs sil		↓
Y662	ditto	vs sil		
Y663	Porous rock with limonite	vs sil		Hamam T.
Y664	ditto	vs sil		↓
Y665	Fractured rock with limonite	vs sil		
Y666	Brecciated rock with limonite	vs sil		
Y667	Brecciated rock with pyrite	vs sil		
Y668	Brec./porous rock with limo	vs sil		
Y669	Altered rock with limonite	m arg		
Y670	Brecciated rock	vs sil		
Y671	Brecciated rock with limonite	vs sil		
Y672	Porous rock with limonite	vs sil		
Y673	ditto	vs sil		
Y674	L.grey massive rock	vs sil		
Y675	ditto	vs sil		
Y676	Brecciated rock with pyrite	vs sil		
Y677	ditto	vs sil		
Y678	L.grey massive rock	vs sil		
Y679	ditto	vs sil		
Y680	Porous rock with limonite	vs sil		
Y681	L.grey massive rock	vs sil		
Y682	Brecciated rock with limonite	vs sil		
Y683	L.grey massive rock	vs sil		
Y684	L.grey brecciated rock	vs sil		
Y685	L.grey massive rock	vs sil		
Y686	Brecciated rock with limonite	vs sil		
Y687	Porous rock with limonite	vs sil		
Y688	L.grey massive rock	vs sil		
Y689	Grey massive rock with pyrite	vs sil		
Y690	L.grey massive rock	vs sil		
Y691	Porous rock with limonite	vs sil		
Y692	Altered rock	m arg		↓

Table 3. Description of Rock Samples

No.10

No.	Rock Name	Alteration	Formation	Location
Y696	Altered rock with limonite	s arg, m sil	Şapçı V.	Hamam T.
Y732	Brecciated rock with limonite	vs sil		
Y733	ditto	vs sil		
Y734	Brec./porous rock with limo	vs sil		
Y735	Brecciated rock with limonite	vs sil		
Y736	L.grey massive/brecciated rock	vs sil		
Y737	Banded rock with limonite	vs sil		
Y738	Grey brecciated rock	vs sil		

Table 4 The Chemical Analysis of Rock Samples

Etili (1)

Sample No.	Description	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
C601	92015 23965	<5	28	33	4	12	<0.5	1900	6.0	1500	400	1700	6.0
C602	91800 23915	20	8	7	380	10	<0.5	196	<0.2	520	110	300	0.2
C604	91580 23660	<5	5	1	120	8	<0.5	20	<0.2	90	60	250	0.2
C605	91385 23250	<5	5	2	14	6	<0.5	18	<0.2	130	350	820	<0.1
C606	91395 23540	<5	5	<1	4	12	<0.5	200	<0.2	60	180	360	0.3
C608	91720 24055	<5	<1	<1	<2	16	<0.5	28	<0.2	30	120	280	<0.1
C609	91120 24155	<5	20	11	10	10	<0.5	172	3.0	110	140	410	<0.1
C610	90910 24165	<5	85	24	<2	66	<0.5	30	<0.2	190	150	1160	0.1
C611	90990 23800	<5	2	<1	2	18	<0.5	120	<0.2	50	130	400	<0.1
C612	90240 24270	<5	17	6	4	6	<0.5	22	2.0	350	280	480	0.8
C613	90465 23150	<5	9	6	18	8	<0.5	18	0.8	550	230	740	<0.1
C614	90420 23170	<5	7	2	14	4	<0.5	12	<0.2	580	340	660	<0.1
C615	90590 23310	<5	5	3	10	8	<0.5	28	1.0	200	550	620	0.2
C616	90820 23345	<5	7	4	16	16	<0.5	80	1.4	350	1080	550	0.3
C617	90420 23940	<5	2	2	8	4	<0.5	52	1.0	90	780	570	<0.1
C618	90525 23935	<5	14	5	6	4	<0.5	18	0.8	130	340	600	<0.1
C619	90620 23930	<5	21	3	6	4	<0.5	11	1.0	240	240	700	0.1
C620	90700 23945	<5	7	2	6	6	<0.5	32	2.4	150	130	500	3.7
C621	90760 24200	10	70	<1	4	30	<0.5	15	0.2	110	160	550	0.1
C622	90725 24260	<5	54	<1	6	26	<0.5	5	0.4	100	260	770	0.2
C623	90690 24215	<5	31	1	62	6	<0.5	146	14.8	30	60	140	2.2
C624	90660 24385	5	7	1	18	6	<0.5	46	<0.2	40	270	920	1.1
C625	88745 20945	<5	8	8	336	8	<0.5	60	2.2	1500	50	650	0.3
C626	88755 20795	320	7	9	296	12	1.5	880	2.4	4500	80	1700	<0.1
C627	88730 20905	20	38	35	1335	40	3.0	400	2.2	2600	80	620	0.9
C628	88850 20980	95	29	10	100	4	3.5	68	1.2	8200	40	550	<0.1
C629	88920 21000	10	32	14	1190	8	0.5	400	1.8	4300	40	470	<0.1
C630	88780 20915	35	20	23	2310	14	<0.5	600	3.2	2800	50	570	0.6
C631	89175 21200	105	24	12	632	18	1.5	500	4.2	5200	90	820	5.6
C632	89675 21275	10	13	31	746	26	11.5	400	7.4	18000	60	220	1.0
C633	89680 21310	65	20	37	1150	38	6.0	440	35.0	25000	110	950	1.6
C634	89660 21385	10	14	25	610	6	1.0	184	8.4	74000	140	770	1.7
C635	89665 21375	15	6	34	1270	6	1.5	320	5.8	47000	210	1150	13.0
C636	89670 21360	15	11	15	596	6	5.5	190	6.6	60000	100	280	0.5
C637	89640 21355	<5	9	18	3640	12	<0.5	680	6.6	26000	360	1300	1.6
C638	89445 21315	<5	9	6	116	10	<0.5	210	1.6	180	60	70	4.3
C639	89245 21280	<5	12	6	74	6	7.5	74	1.6	1600	50	800	0.3
C641	90015 19670	<5	8	<1	8	68	<0.5	8	<0.2	20	120	2500	<0.1
C645	89580 20650	<5	6	3	96	4	<0.5	350	<0.2	1100	40	3000	1.0
C647	88010 17020	<5	113	547	2890	36	0.5	510	20.0	78000	40	1800	2.9
C648	88065 17035	10	17	72	274	8	<0.5	650	7.4	69000	40	680	1.6
C649	88135 17005	<5	2	4	44	<2	<0.5	9	<0.2	670	30	120	0.1
C650	88515 18350	<5	10	13	812	4	<0.5	420	0.2	190	60	320	12.0
C651	88630 19040	<5	10	8	316	2	<0.5	126	<0.2	2600	30	40	0.7
C652	88590 19030	<5	11	8	1305	4	<0.5	470	<0.2	2800	30	50	13.0
C653	88500 19050	<5	28	4	1345	16	<0.5	2360	<0.2	5700	30	540	29.0
C667	93080 21980	<5	11	18	4	34	0.5	40	<0.2	140	60	900	0.1
C668	93150 21970	<5	13	7	614	48	0.5	460	0.4	300	120	180	0.1
C669	93220 21980	<5	27	3	216	16	0.5	76	1.2	700	40	140	<0.1
C670	93220 21920	<5	17	5	346	14	1.0	78	1.6	2100	30	220	<0.1

Table 4 The Chemical Analysis of Rock Samples

Etili (2)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
C671 93290 21920	10	4	2	56	<2	<0.5	5	<0.2	940	30	90	<0.1
C672 93280 21950	<5	6	3	84	<2	<0.5	12	0.2	3200	30	120	<0.1
C673 93280 21890	<5	39	4	280	24	0.5	114	1.8	470	40	180	<0.1
C674 92750 21830	<5	4	1	10	<2	<0.5	2	0.2	1500	90	800	<0.1
M601 93850 24090	<5	60	3	10	6	<0.5	176	1.6	3300	70	1580	0.4
M602 93850 24090	<5	9	2	2	2	<0.5	114	1.6	3700	50	940	0.1
M603 93850 24090	<5	2	1	2	<2	<0.5	40	0.6	1200	40	440	0.1
M604 93850 24090	<5	3	1	4	<2	<0.5	32	0.8	1700	60	1010	0.1
M605 93850 24090	<5	27	2	<2	<2	<0.5	40	0.4	840	40	760	0.1
M606 93850 24090	<5	11	1	4	<2	<0.5	100	0.8	520	70	400	<0.1
M607 93850 24090	<5	14	1	2	<2	<0.5	28	0.2	1000	50	650	<0.1
M608 93850 24090	<5	18	2	2	<2	<0.5	46	0.2	1900	40	850	0.2
M609 93835 24055	<5	41	2	8	<2	<0.5	196	<0.2	330	130	830	0.1
M610 93835 24055	<5	26	2	<2	<2	<0.5	276	0.4	570	50	700	<0.1
M611 93835 24055	<5	15	2	<2	<2	<0.5	116	0.4	600	40	730	<0.1
M612 93835 24055	<5	32	3	6	2	<0.5	1620	1.8	790	80	1360	<0.1
M613 93835 24055	<5	33	3	4	2	<0.5	160	1.6	840	80	1280	<0.1
M614 93835 24055	<5	70	4	10	2	<0.5	124	1.2	900	100	2350	<0.1
M615 93835 24055	<5	91	4	8	2	<0.5	112	1.4	1200	90	1950	<0.1
M616 93835 24055	<5	19	2	2	<2	<0.5	14	1.4	2000	40	940	<0.1
M617 93640 23610	<5	17	4	8	14	<0.5	196	1.2	340	40	850	0.1
M618 93645 23625	<5	4	2	4	<2	<0.5	240	2.0	270	40	430	<0.1
M619 93675 23725	5	40	1	6	<2	<0.5	170	4.0	4900	70	250	0.1
M620 93705 23760	10	49	8	18	26	<0.5	770	8.2	180	270	350	0.1
M621 93715 23790	<5	38	6	20	8	<0.5	80	3.6	800	210	620	0.6
M622 93460 24100	<5	15	3	2	6	<0.5	140	1.8	270	40	150	0.1
M623 93475 24170	<5	12	3	<2	2	<0.5	42	0.8	180	40	50	<0.1
M624 93365 23955	<5	12	5	2	4	<0.5	80	1.4	400	50	800	<0.1
M625 93330 23765	<5	4	4	6	2	<0.5	64	0.8	180	80	170	<0.1
M626 93370 23660	10	40	8	10	4	<0.5	420	6.6	2200	50	1390	<0.1
M627 93660 23510	<5	8	3	2	4	<0.5	220	1.4	90	40	1150	0.5
M628 93665 23500	<5	13	5	4	6	<0.5	830	1.4	70	50	1080	<0.1
M629 93650 23515	<5	3	1	2	<2	<0.5	144	<0.2	40	60	550	<0.1
M630 93630 23510	<5	6	4	4	2	<0.5	240	<0.2	40	50	1260	<0.1
M631 93620 23550	<5	68	10	6	8	<0.5	120	<0.2	60	60	800	<0.1
M632 93565 23550	<5	10	3	4	4	<0.5	400	2.2	940	60	320	<0.1
M633 93510 23600	<5	18	5	16	4	<0.5	40	1.4	460	210	510	<0.1
M634 93465 23525	<5	34	29	22	16	<0.5	38	20.0	100	200	310	0.2
M635 93825 24250	15	3	3	<2	<2	<0.5	13	0.6	80	40	430	<0.1
M636 93830 24250	<5	6	3	4	<2	<0.5	19	0.4	80	30	260	0.1
M637 93850 24245	<5	2	1	2	<2	<0.5	12	0.6	30	30	160	<0.1
M638 93865 24245	<5	4	5	2	2	<0.5	50	0.6	20	40	600	<0.1
M639 93875 24250	<5	<1	2	<2	<2	<0.5	8	<0.2	30	30	650	<0.1
M640 93875 24260	<5	7	4	<2	6	<0.5	60	0.2	20	40	400	0.2
M641 93870 24270	<5	18	5	4	2	<0.5	23	<0.2	130	30	830	0.1
M642 93865 24280	<5	18	5	<2	4	<0.5	30	<0.2	130	30	1290	0.4
M643 93860 24280	<5	12	4	6	<2	<0.5	36	<0.2	140	30	750	0.1
M644 93875 24260	<5	24	3	12	6	<0.5	210	0.4	70	130	1500	0.8
M645 93875 24260	<5	20	5	<2	8	<0.5	152	0.6	130	120	1380	0.6
M646 93935 24075	<5	28	6	12	16	<0.5	180	1.2	70	260	620	0.6

Table 4 The Chemical Analysis of Rock Samples

Etili (3)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
M647 93935 24065	<5	6	1	16	2	<0.5	20	1.0	130	420	330	0.1
M648 93815 23925	15	44	2	8	4	<0.5	600	1.8	3000	60	170	0.2
M649 93805 23940	<5	45	1	10	10	<0.5	1460	2.0	680	130	660	0.2
M650 93900 23970	10	29	10	62	2	<0.5	960	3.0	130	360	1520	6.4
M651 93510 24100	<5	14	3	58	4	<0.5	600	1.0	170	110	2100	1.2
M652 94100 24070	<5	4	3	10	4	<0.5	120	0.2	30	130	1860	0.1
M653 94075 24080	<5	5	7	4	4	<0.5	320	1.2	40	60	160	<0.1
M654 94080 24050	<5	4	4	8	4	<0.5	220	0.4	40	50	300	0.1
M655 94130 24005	<5	5	3	<2	<2	<0.5	190	0.6	200	40	2750	2.2
M659 97440 23910	30	2	1	98	<2	<0.5	26	<0.2	740	20	720	0.1
M660 96600 23950	25	59	41	252	24	2.5	170	0.2	60	30	80	0.1
M665 87480 21590	<5	8	5	4	2	<0.5	18	<0.2	50	130	1120	0.1
M666 87820 22180	10	4	2	6	2	<0.5	4	<0.2	70	520	520	<0.1
M667 88180 22400	10	2	1	4	<2	<0.5	9	<0.2	70	340	700	<0.1
M668 88120 22360	5	9	6	<2	12	<0.5	21	0.2	70	580	1020	<0.1
M669 88010 22400	5	32	1	40	22	0.5	30	1.0	270	330	440	1.3
M670 87700 22490	<5	7	2	4	4	<0.5	6	<0.2	140	380	1080	1.7
M671 87780 22860	<5	6	3	<2	2	<0.5	17	<0.2	50	420	340	0.2
M672 87690 22700	<5	7	4	6	10	<0.5	32	<0.2	70	690	620	0.5
M674 87170 21950	<5	12	5	10	10	0.5	30	<0.2	140	410	900	<0.1
M675 87240 21970	<5	6	2	4	2	<0.5	12	<0.2	600	30	880	0.3
M676 87210 21810	10	3	157	<2	2	<0.5	18	3.6	90	290	80	0.1
M678 87230 21030	<5	3	3	6	<2	<0.5	8	<0.2	130	330	1000	0.2
M679 88880 21500	85	17	6	216	12	3.5	56	2.6	14000	40	1220	0.1
M680 84050 15480	<5	7	<1	4	18	0.5	5	0.8	50	200	200	1.2
M687 97570 25130	10	5	1	10	46	0.5	14	<0.2	20	520	900	0.5
M688 97170 24230	<5	14	2	18	6	<0.5	96	<0.2	2000	60	3100	0.4
M689 97280 24620	10	2	2	2	2	<0.5	8	<0.2	170	70	300	<0.1
P601 91615 24535	<5	7	2	4	4	<0.5	184	<0.2	30	80	350	<0.1
P602 91610 24520	<5	6	11	2	4	<0.5	1330	2.0	20	110	540	<0.1
P603 91595 24425	<5	3	<1	4	6	<0.5	188	0.6	30	170	760	<0.1
P605 91495 24550	<5	4	2	<2	2	<0.5	14	<0.2	30	40	80	<0.1
P606 91435 24490	10	7	8	46	4	<0.5	340	1.4	340	100	150	0.2
P607 91270 24935	<5	3	1	<2	10	<0.5	110	<0.2	40	90	330	<0.1
P608 91285 24955	<5	3	1	4	2	<0.5	168	1.8	20	80	370	<0.1
P609 91285 24950	<5	2	2	4	2	<0.5	134	0.2	130	60	300	<0.1
P610 91290 24975	<5	2	1	2	2	<0.5	348	0.2	70	50	930	0.1
P611 91235 24950	<5	3	1	<2	2	<0.5	124	0.6	50	40	70	<0.1
P612 91195 24880	10	6	2	4	6	<0.5	20	2.2	430	50	80	<0.1
P613 91175 24890	<5	6	2	18	4	<0.5	500	3.4	180	300	480	0.2
P614 91285 25045	<5	2	1	8	<2	<0.5	46	0.2	70	170	650	<0.1
P615 91285 25070	<5	3	1	2	<2	<0.5	7	<0.2	50	60	440	<0.1
P616 91295 25085	<5	5	2	6	2	<0.5	126	1.0	30	70	730	<0.1
P617 91300 25085	10	1	<1	14	<2	<0.5	50	<0.2	110	140	440	0.1
P618 91320 25080	<5	4	<1	18	4	<0.5	130	<0.2	50	160	380	0.1
P619 91320 25050	5	6	2	16	4	<0.5	780	5.8	40	220	520	0.1
P620 91325 24970	<5	3	2	4	4	<0.5	228	<0.2	20	270	720	0.1
P621 91340 24915	<5	7	3	2	4	<0.5	110	<0.2	10	120	150	<0.1
P622 91450 24810	<5	3	3	2	2	<0.5	24	<0.2	20	60	120	<0.1
P623 91420 24790	<5	24	3	18	26	<0.5	92	<0.2	70	260	400	0.3

Table 4 The Chemical Analysis of Rock Samples

Etili (4)

Sample No.	Description	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
P624	91475 24705	<5	34	2	18	36	<0.5	146	0.8	30	370	290	0.4
P625	91515 24715	30	114	7	<2	24	<0.5	2400	3.2	38000	60	270	<0.1
P626	91520 24815	<5	6	6	<2	2	<0.5	104	<0.2	130	40	30	<0.1
P627	91630 24570	<5	8	8	12	2	<0.5	290	<0.2	140	40	430	<0.1
P628	91790 24875	<5	13	11	10	6	<0.5	54	0.8	320	30	890	0.1
P629	91715 25010	<5	3	3	4	2	<0.5	3	<0.2	140	40	450	<0.1
P630	91680 25020	<5	13	4	4	2	<0.5	28	<0.2	140	40	910	0.1
P631	91665 25020	<5	86	9	6	12	<0.5	1800	8.6	260	80	690	0.1
P632	91640 25025	<5	4	2	6	<2	<0.5	90	0.6	320	50	100	<0.1
P633	91590 25025	<5	13	10	8	<2	<0.5	200	1.0	280	110	1000	<0.1
P634	91265 24675	<5	8	4	26	10	<0.5	40	1.2	60	220	430	0.2
P635	91255 24705	5	5	8	20	4	<0.5	680	6.2	60	180	800	0.1
P636	91525 25045	<5	107	15	10	12	<0.5	2350	15.4	110	120	2450	<0.1
P637	91520 25045	<5	5	23	10	22	<0.5	480	8.4	50	120	1720	<0.1
P638	91520 25045	5	18	24	12	22	<0.5	790	4.2	120	180	1500	0.1
P639	91515 25045	<5	66	4	14	12	<0.5	80	3.4	50	330	450	0.3
P640	91515 25045	<5	38	4	10	10	<0.5	30	1.4	40	250	580	0.5
P641	91510 25045	<5	42	5	<2	22	<0.5	80	2.4	50	140	1150	0.1
P642	91525 25055	<5	14	3	2	2	<0.5	140	2.0	220	50	1350	<0.1
P643	91520 25065	<5	17	2	4	<2	<0.5	84	5.4	620	40	1300	<0.1
P644	91290 25065	<5	6	3	<2	2	<0.5	5	0.2	80	40	100	<0.1
P645	91525 25045	<5	14	4	2	2	<0.5	30	<0.2	140	50	750	0.1
P646	91190 25275	<5	36	6	12	8	<0.5	3730	8.4	50	420	800	0.2
P647	91070 24885	<5	27	2	<2	2	<0.5	80	4.0	240	310	750	0.2
P648	91580 24230	<5	15	2	6	6	<0.5	80	1.8	90	570	920	0.5
P649	91790 24240	<5	93	<1	<2	26	<0.5	11	1.4	20	240	1020	0.2
P650	91775 24770	<5	41	1	26	52	0.5	21	0.6	30	190	160	0.2
P651	88730 20950	10	87	3	140	6	1.5	64	0.6	3600	40	520	0.2
P652	88695 20950	15	28	6	206	6	2.0	52	1.2	4600	40	1800	0.2
P653	88700 20930	440	23	7	140	2	17.5	52	1.2	42000	30	1560	0.1
P654	88670 20940	10	13	13	296	10	1.0	120	6.0	4800	70	310	0.4
P655	88610 21000	175	9	15	342	8	0.5	156	2.4	5700	60	1360	0.6
P656	88120 20990	265	8	20	440	4	0.5	100	2.8	4800	50	1100	1.3
P657	88640 20935	75	22	8	272	8	2.0	104	1.0	5300	40	750	0.5
P658	88580 20960	180	22	6	176	6	4.0	110	7.0	28000	70	430	<0.1
P659	88520 20965	205	14	13	542	8	<0.5	232	2.0	22000	40	2120	0.4
P660	88530 20950	960	9	3	334	6	3.0	234	2.2	19000	50	3800	0.4
P661	88475 20970	50	16	12	428	14	<0.5	470	4.2	30000	80	850	0.2
P662	88485 20955	10	11	5	176	8	<0.5	156	1.8	6800	40	1320	0.2
P663	88520 20885	200	30	11	776	12	3.0	270	2.6	6100	60	1920	0.9
P664	88515 20885	390	27	17	962	12	1.0	370	6.6	21000	110	960	1.0
P665	88510 20890	2380	37	40	5040	30	3.0	1600	14.6	43000	80	3450	3.2
P666	88505 20900	930	71	14	2870	122	<0.5	1600	6.6	14000	320	880	6.2
P667	88310 20865	330	34	5	128	12	8.5	90	1.8	14000	40	2800	0.2
P668	88365 20825	620	59	12	204	16	60.0	300	6.6	61000	50	2250	0.2
P669	88355 20885	65	15	3	100	6	2.5	48	<0.2	4600	40	550	0.2
P670	88395 20880	295	37	21	2870	34	8.5	610	5.0	3200	100	1200	0.9
P671	88420 20885	<5	23	<1	52	22	<0.5	80	0.4	2600	400	850	0.4
P673	90515 24580	<5	14	6	2	6	<0.5	38	4.2	50	280	600	0.3
P674	89860 24940	<5	15	2	4	32	<0.5	21	<0.2	100	830	1480	0.2

Table 4 The Chemical Analysis of Rock Samples

Etili (5)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
P675 89260 25110	<5	3	2	<2	<2	<0.5	5	<0.2	80	40	100	<0.1
P676 89050 25000	5	2	1	2	<2	0.5	2	<0.2	30	50	120	0.1
P677 89060 24820	<5	20	2	6	28	<0.5	26	1.8	2500	1010	1320	0.9
P679 88940 19120	<5	8	6	186	2	<0.5	430	<0.2	60	50	500	16.0
P680 88905 19120	<5	8	7	126	6	<0.5	400	<0.2	50	130	580	9.5
P681 88410 16985	<5	7	8	18	4	<0.5	84	<0.2	16000	50	300	0.7
P682 91220 24955	20	8	9	<2	8	<0.5	1760	3.4	130	150	600	<0.1
P683 91205 24985	<5	15	18	12	10	<0.5	2980	35.0	200	50	80	<0.1
P684 91190 24980	10	3	4	2	2	<0.5	252	2.2	60	100	380	<0.1
P685 91185 24830	<5	2	1	<2	2	<0.5	64	<0.2	40	40	100	<0.1
P686 91155 24910	<5	8	3	6	6	<0.5	1250	0.8	140	120	480	0.2
P687 91160 24900	<5	13	3	6	10	<0.5	1950	8.6	100	160	680	0.1
S601 92500 23270	<5	1	<1	4	<2	<0.5	64	<0.2	40	270	410	0.1
S602 92515 23305	<5	5	4	4	2	<0.5	520	1.4	40	330	630	0.1
S603 92500 23375	<5	1	<1	4	<2	<0.5	160	<0.2	30	370	580	0.2
S605 92475 23410	<5	1	2	10	<2	<0.5	390	1.0	40	290	980	0.4
S606 92445 23440	<5	8	2	18	24	<0.5	190	1.4	60	160	590	0.4
S607 92400 23430	<5	<1	1	<2	<2	<0.5	8	0.6	20	50	70	<0.1
S608 92380 23560	<5	<1	1	<2	<2	<0.5	6	<0.2	20	50	40	0.1
S609 92335 23615	<5	<1	1	<2	<2	<0.5	2	<0.2	20	40	30	<0.1
S610 92240 23730	<5	<1	1	4	<2	<0.5	5	<0.2	10	30	40	0.1
S614 92540 23040	<5	4	4	4	<2	<0.5	300	<0.2	110	50	100	0.1
S615 92300 22935	<5	6	5	<2	2	<0.5	200	0.2	30	40	70	0.1
S616 92460 22850	<5	34	2	20	32	<0.5	176	1.0	60	150	310	3.2
S620 92290 22050	<5	9	2	4	4	<0.5	100	0.8	870	100	260	0.1
S621 92300 22025	<5	12	1	12	8	<0.5	100	1.0	1800	70	180	0.7
S622 88860 20125	<5	38	15	266	20	<0.5	350	3.0	7800	100	1900	0.7
S623 88840 20185	<5	9	6	150	28	<0.5	750	<0.2	410	180	430	0.8
S624 88890 20120	<5	12	3	300	6	<0.5	240	1.0	3500	60	1700	4.1
S625 88915 20175	<5	22	8	48	8	<0.5	110	0.2	1700	80	610	0.9
S626 88900 20145	<5	34	11	84	6	<0.5	112	0.2	4200	80	1400	1.1
S627 88910 20120	<5	56	4	1210	4	<0.5	430	1.0	4500	50	2800	3.1
S628 88940 20130	<5	25	3	454	6	<0.5	340	0.4	5300	40	2200	0.9
S629 88955 20140	<5	29	3	224	10	<0.5	124	2.4	5200	60	2400	0.5
S630 88985 20170	<5	14	4	352	8	<0.5	440	1.6	6700	80	3200	6.0
S631 88980 20180	<5	15	6	342	6	<0.5	590	2.8	20000	70	3300	8.3
S632 88950 20185	<5	31	4	48	14	<0.5	1000	0.2	6300	140	1220	3.2
S633 88960 20200	<5	12	7	172	4	<0.5	240	<0.2	29000	100	2100	1.1
S634 88960 20215	<5	4	5	50	4	<0.5	110	<0.2	6800	60	1550	0.8
S635 88915 20220	<5	14	5	96	4	<0.5	114	1.0	4200	50	980	0.7
S636 88940 20240	<5	9	6	106	4	<0.5	104	0.4	7200	50	800	0.8
S637 88965 20240	<5	15	3	126	4	<0.5	92	1.6	19000	40	700	0.6
S638 88990 20240	<5	15	3	134	10	<0.5	106	1.0	5200	40	310	0.8
S639 88990 20260	<5	16	3	288	4	<0.5	124	0.8	15000	30	600	0.8
S640 89030 20290	<5	49	3	672	10	<0.5	360	1.8	26000	30	1680	1.4
S641 88995 20325	<5	4	4	62	14	<0.5	60	<0.2	20000	30	630	0.4
S642 89025 20345	<5	13	3	414	6	<0.5	240	1.2	15000	30	1600	2.4
S643 89025 20385	<5	27	4	386	12	<0.5	270	0.6	20000	30	2020	3.1
S644 89040 20380	<5	26	3	360	10	<0.5	250	0.8	18000	30	2260	1.2
S645 89030 20420	<5	5	3	108	<2	<0.5	66	0.2	2000	40	320	0.2

Table 4 The Chemical Analysis of Rock Samples

Etili (6)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
S646 89150 20530	<5	19	2	416	4	<0.5	210	0.6	6500	30	4200	1.7
S647 89175 20575	<5	14	2	570	24	<0.5	660	1.4	54000	60	2500	2.0
S648 89190 20565	<5	7	2	176	14	<0.5	620	0.6	18000	40	590	0.1
S649 89185 20575	<5	20	4	130	10	<0.5	140	0.6	57000	30	1150	0.1
S650 89225 20610	<5	6	1	96	4	<0.5	56	0.4	27000	30	90	0.1
S651 89175 20620	<5	9	3	276	6	<0.5	156	0.8	45000	30	220	0.3
S652 89190 20610	<5	20	4	152	12	<0.5	60	0.4	19000	30	900	1.9
S653 89220 20615	<5	12	4	106	4	<0.5	110	<0.2	15000	30	600	0.7
S654 89225 20625	<5	21	1	34	32	<0.5	280	0.2	2400	50	100	0.4
S655 89230 20635	<5	17	3	36	6	<0.5	420	<0.2	5600	30	180	0.3
S656 89265 20670	<5	65	7	32	4	<0.5	128	0.2	9000	40	730	0.3
S657 89310 20710	<5	18	4	8	2	<0.5	60	0.2	1500	30	100	0.9
S658 89310 20715	<5	10	3	8	<2	<0.5	34	<0.2	570	30	140	0.9
S659 89320 20730	<5	45	4	76	6	<0.5	380	<0.2	2700	30	700	0.3
S660 89350 20730	<5	24	4	76	6	<0.5	220	<0.2	4600	40	120	2.0
S661 89360 20715	<5	22	3	34	6	<0.5	200	0.2	13000	30	390	0.9
S662 89340 20680	<5	26	6	118	12	<0.5	1040	0.4	5200	40	270	0.9
S667 97950 20200	10	43	3	140	246	1.0	100	0.4	290	250	160	0.3
S679 96950 19700	<5	8	<1	12	4	<0.5	6	0.6	40	260	200	0.6
S680 96850 19700	<5	4	<1	4	10	<0.5	8	0.2	10	240	300	1.5
S681 96670 19560	10	29	1	10	14	<0.5	8	1.6	10	460	1400	1.7
S691 86380 17380	30	75	<1	18	22	<0.5	220	1.6	10	200	880	0.7
S705 86530 17890	1060	>10000	6	16	118	25.6	72	<0.2	10	110	200	<0.1
S707 86480 17660	45	297	7	402	112	<0.5	1180	<0.2	20	90	40	<0.1
S708 88850 20380	5	40	2	206	2	<0.5	144	1.2	16000	40	2100	26.0
S709 88860 20415	10	19	4	220	2	3.5	84	0.4	15000	30	290	0.2
S710 88860 20430	10	27	4	484	4	8.0	250	<0.2	22000	80	820	1.1
S711 88865 20450	<5	27	4	424	4	4.5	330	<0.2	14000	120	700	0.8
S712 88865 20470	<5	15	3	204	2	0.5	106	<0.2	4900	30	2200	0.2
S713 88875 20485	<5	22	3	106	2	0.5	126	<0.2	6300	60	140	<0.1
S714 88875 20505	10	35	5	90	8	<0.5	280	<0.2	4000	40	980	<0.1
S715 88880 20515	<5	25	4	84	4	0.5	120	<0.2	3500	50	280	<0.1
S716 88895 20530	5	26	3	70	2	1.5	240	<0.2	25000	30	140	<0.1
S717 88885 20475	<5	39	4	142	6	<0.5	102	<0.2	5200	130	660	<0.1
S718 97650 25030	<5	3	1	8	34	<0.5	4	<0.2	40	80	400	0.3
S719 95850 23850	30	10	3	18	2	<0.5	15	<0.2	70	90	300	<0.1
T601 93215 25070	<5	42	7	14	6	<0.5	64	2.8	80	300	1250	1.0
T602 92325 24170	<5	30	1	14	42	<0.5	890	1.2	90	320	1020	0.4
T603 92385 24205	<5	23	1	<2	56	<0.5	3950	0.2	40	100	800	0.2
T604 93010 24290	<5	8	<1	<2	14	<0.5	110	<0.2	50	220	980	0.1
T605 93240 24310	<5	25	<1	6	22	<0.5	34	0.6	30	240	750	0.1
T606 93355 24380	<5	44	2	4	26	<0.5	106	4.4	130	340	1580	0.1
T607 91545 23055	<5	6	7	4	2	<0.5	80	0.6	280	260	700	0.3
T608 91565 23045	<5	2	3	<2	<2	<0.5	28	<0.2	30	50	160	<0.1
T609 91670 23060	<5	4	1	4	2	<0.5	56	<0.2	90	290	650	<0.1
T610 91755 23040	<5	8	5	4	4	<0.5	56	0.2	70	200	800	0.7
T611 91820 23010	<5	4	2	4	<2	<0.5	14	<0.2	320	60	350	<0.1
T612 91900 22765	<5	2	6	4	2	<0.5	770	<0.2	420	270	630	0.3
T613 91815 22625	<5	10	9	<2	48	<0.5	1170	0.2	90	130	1450	<0.1
T614 91415 22925	<5	2	9	<2	2	<0.5	150	<0.2	50	80	110	0.2

Table 4 The Chemical Analysis of Rock Samples

Etili (7)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
T615 91390 22645	<5	3	6	<2	<2	<0.5	30	<0.2	340	30	60	0.1
T616 91610 22120	<5	7	5	<2	<2	<0.5	22	<0.2	190	20	70	<0.1
T617 91750 22150	<5	20	3	14	12	<0.5	64	<0.2	120	230	650	0.6
T618 91370 22940	<5	3	22	4	4	<0.5	140	<0.2	370	50	160	0.4
T619 91325 22895	10	45	1	8	30	<0.5	26	<0.2	80	250	590	0.2
T620 91430 21910	<5	74	7	34	22	<0.5	444	<0.2	50	60	640	1.9
T621 91580 21925	<5	44	3	2	2	<0.5	52	0.8	350	30	290	0.5
T622 91825 22370	<5	9	10	12	2	<0.5	180	0.4	140	300	700	0.1
T623 91725 22395	<5	53	19	44	16	<0.5	9200	2.4	340	120	620	0.7
T624 91800 22340	<5	9	15	10	<2	<0.5	100	0.2	980	20	50	0.1
T625 91825 22340	<5	2	20	4	<2	<0.5	30	<0.2	370	40	210	0.1
T626 91795 22515	<5	4	6	6	<2	0.5	56	<0.2	370	20	100	<0.1
T627 91765 22530	<5	40	1	2	14	<0.5	17	<0.2	80	210	450	0.2
T628 91805 22530	<5	<1	2	6	<2	0.5	160	<0.2	50	80	940	0.3
T629 88745 19975	5	8	6	198	10	0.5	370	<0.2	2200	50	2300	1.0
T630 88800 19980	<5	11	3	148	<2	0.5	320	<0.2	250	30	1700	2.2
T631 88725 19950	<5	13	3	38	<2	0.5	100	<0.2	90	20	2050	2.5
T632 88660 19960	<5	12	3	34	<2	1.0	70	<0.2	110	30	2450	1.2
T633 88600 19990	5	15	4	38	6	1.0	60	<0.2	240	30	310	0.9
T634 88600 20010	<5	20	3	46	2	1.0	160	<0.2	990	20	620	0.3
T635 88640 20140	<5	36	9	40	6	0.5	300	<0.2	320	90	160	0.3
T636 88665 20125	10	4	5	22	2	<0.5	136	<0.2	980	110	550	0.1
T637 88710 20140	<5	3	4	20	<2	<0.5	38	<0.2	460	40	70	0.1
T638 88790 20140	<5	9	9	200	2	<0.5	190	1.6	5200	30	630	1.2
T639 88905 20150	<5	7	4	20	<2	<0.5	24	<0.2	1600	40	2200	0.4
T640 88880 20120	<5	11	3	682	2	0.5	70	<0.2	2500	40	3200	1.9
T641 88855 20080	5	14	2	484	2	<0.5	52	<0.2	3100	30	2250	1.5
T642 88815 20060	<5	11	6	90	10	0.5	116	<0.2	810	40	1650	0.3
T643 88795 20050	10	13	11	80	8	<0.5	270	<0.2	21000	30	1850	0.3
T644 88565 20085	5	9	3	68	<2	0.5	78	<0.2	200	30	90	0.1
T645 88615 20085	<5	67	14	470	10	<0.5	460	<0.2	570	120	340	0.4
T646 88615 20140	5	64	7	82	12	<0.5	150	<0.2	200	110	230	0.4
T647 88670 20115	<5	85	15	424	18	<0.5	1050	<0.2	26000	70	260	1.2
T648 88640 20035	<5	26	38	330	10	<0.5	1500	<0.2	480	140	570	1.1
T649 88610 20060	<5	7	12	300	4	0.5	310	<0.2	140	130	1050	0.8
T650 88640 20065	<5	97	7	40	14	<0.5	410	<0.2	180	150	740	0.7
T651 88665 19975	<5	16	11	140	10	0.5	1050	<0.2	1600	50	140	1.0
T652 88725 19975	10	22	7	266	36	0.5	450	2.4	71000	40	2350	0.9
T653 88725 19960	<5	6	4	108	2	0.5	76	<0.2	35000	20	80	0.1
T654 88710 19955	<5	53	9	180	24	<0.5	2900	<0.2	770	30	860	34.0
T655 88700 19990	<5	13	9	94	16	<0.5	316	<0.2	3900	30	40	0.7
T656 86870 16095	30	41	<1	18	132	<0.5	26	<0.2	30	220	520	0.2
T657 87260 15640	<5	46	2	10	26	<0.5	82	1.0	70	260	160	0.1
T658 87650 15660	<5	27	1	54	22	<0.5	8	<0.2	20	290	760	0.5
T659 87620 15715	<5	24	1	28	40	<0.5	54	<0.2	20	360	500	1.1
T660 87815 15900	<5	14	2	30	36	<0.5	30	<0.2	30	260	600	0.3
T661 87900 15980	30	644	<1	48	92	1.0	240	1.4	20	220	220	0.3
T662 87170 16835	25	7220	14	990	696	8.0	310	<0.2	90	230	140	0.5
T663 87650 17970	15	49	1	76	8	0.5	9	<0.2	170	220	460	0.1
T664 87800 18070	<5	9	4	38	2	<0.5	32	0.8	130	460	640	0.1

Table 4 The Chemical Analysis of Rock Samples

Etili (8)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
T665 87850 18120	125	75	2	92	10	<0.5	200	17.6	1300	320	940	<0.1
T666 87435 17175	<5	374	22	2	86	<0.5	11	<0.2	30	260	260	0.2
T667 91530 23055	<5	75	18	4	6	<0.5	32	<0.2	40	40	140	<0.1
T668 91640 23040	<5	9	3	10	2	<0.5	26	<0.2	120	200	1300	0.1
T669 91370 22945	<5	8	61	2	4	<0.5	430	<0.2	80	50	80	0.1
T670 91390 22835	<5	6	3	2	<2	<0.5	58	<0.2	80	30	120	<0.1
T671 91395 22880	<5	11	22	8	8	<0.5	500	0.4	180	60	280	0.1
T672 91430 22580	<5	6	7	2	2	<0.5	50	<0.2	70	40	280	<0.1
Y601 93780 25110	<5	2	1	<2	<2	<0.5	30	<0.2	100	40	90	<0.1
Y602 93820 25105	10	7	1	<2	2	<0.5	100	<0.2	70	50	80	<0.1
Y603 93815 25110	20	18	3	4	6	<0.5	620	<0.2	140	50	380	<0.1
Y604 93850 25070	35	47	6	16	24	<0.5	4700	9.2	210	140	1010	<0.1
Y605 93985 24850	500	39	1	30	4	<0.5	340	1.0	490	120	2900	0.1
Y606 93970 24845	725	52	1	54	18	<0.5	940	1.6	150	120	2800	0.8
Y607 93965 24845	800	110	1	150	48	<0.5	3200	0.2	90	210	6900	0.3
Y608 93945 24845	280	23	1	60	12	<0.5	1000	11.2	170	120	2950	0.1
Y609 93900 24900	10	4	2	18	2	<0.5	66	<0.2	40	60	290	0.1
Y610 93945 24865	175	73	9	62	32	<0.5	3200	<0.2	90	400	870	0.2
Y611 93980 24910	1680	43	17	90	14	<0.5	3900	8.2	260	220	3200	0.5
Y612 94025 24960	75	37	3	58	20	<0.5	4650	6.0	220	220	2100	0.1
Y613 94030 24780	570	135	13	1300	38	<0.5	2920	1.2	150	150	5400	0.3
Y614 94100 24770	15	5	1	12	4	<0.5	15	<0.2	40	300	140	0.1
Y615 94100 24760	10	7	1	14	4	<0.5	13	<0.2	30	60	190	0.2
Y616 94100 24760	5	1	1	<2	<2	<0.5	300	<0.2	390	50	490	0.2
Y617 94110 24755	<5	99	8	14	12	<0.5	146	7.0	950	50	1290	0.4
Y618 94125 24745	<5	55	4	36	10	<0.5	23	<0.2	150	360	820	0.1
Y619 94125 24760	<5	94	4	4	4	<0.5	88	<0.2	570	40	1180	0.2
Y620 94045 24980	100	90	10	66	8	<0.5	4000	16.8	420	160	1900	1.9
Y621 94035 25050	690	64	3	6	2	<0.5	1250	<0.2	260	170	400	0.3
Y622 94035 25055	310	33	5	2	4	<0.5	1130	<0.2	320	70	170	0.1
Y623 93750 25080	15	61	2	10	12	<0.5	1080	1.2	90	480	1000	0.5
Y624 93925 25110	30	46	1	4	6	<0.5	800	0.8	50	100	6200	<0.1
Y625 94125 25180	25	8	1	4	4	<0.5	96	<0.2	70	110	530	<0.1
Y626 94125 25180	65	7	1	16	<2	<0.5	84	<0.2	30	90	680	<0.1
Y627 94125 25180	90	11	1	8	<2	<0.5	110	<0.2	30	150	240	<0.1
Y628 94125 25180	50	7	1	16	<2	<0.5	64	<0.2	30	240	1500	<0.1
Y629 94125 25180	45	11	1	18	<2	<0.5	100	<0.2	30	410	840	<0.1
Y630 94110 25175	240	6	1	4	<2	<0.5	60	<0.2	30	100	390	<0.1
Y631 94110 25175	110	5	<1	14	<2	<0.5	44	<0.2	50	80	450	<0.1
Y632 94110 25175	185	23	2	26	<2	<0.5	100	<0.2	90	150	550	<0.1
Y633 94110 25175	40	3	1	4	<2	<0.5	28	<0.2	40	60	550	<0.1
Y634 94110 25175	385	9	1	2	<2	<0.5	60	<0.2	60	110	580	<0.1
Y635 94110 25175	340	2	<1	<2	<2	<0.5	23	<0.2	40	40	440	<0.1
Y636 94110 25175	335	5	1	2	<2	<0.5	50	<0.2	40	50	720	<0.1
Y637 94100 25190	305	6	1	4	<2	<0.5	90	0.6	50	200	2450	<0.1
Y638 94100 25190	1000	12	<1	6	<2	<0.5	260	1.6	40	160	700	<0.1
Y639 94100 25190	1230	14	1	2	2	<0.5	340	2.4	50	300	680	<0.1
Y640 94100 25190	2790	41	1	12	6	<0.5	1320	3.4	170	410	2750	<0.1
Y641 94100 25190	50	7	1	2	<2	<0.5	80	<0.2	60	60	1400	<0.1
Y642 94085 25185	375	5	1	<2	<2	<0.5	100	<0.2	90	60	700	<0.1

Table 4 The Chemical Analysis of Rock Samples

Etili (9)

Sample Description No.	Au ppb	Cu ppm	Ko ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
Y643 94085 25185	340	12	1	2	<2	<0.5	300	0.8	50	160	1550	<0.1
Y644 94085 25185	265	6	1	2	<2	<0.5	156	<0.2	160	160	1680	<0.1
Y645 94085 25185	575	20	1	2	<2	<0.5	610	4.6	100	170	2000	<0.1
Y646 94085 25185	340	8	1	2	<2	<0.5	44	0.2	150	160	1370	<0.1
Y647 94085 25185	1050	12	1	6	<2	<0.5	76	0.4	240	60	1520	<0.1
Y648 94085 25185	740	22	1	8	<2	<0.5	216	1.8	90	220	1000	<0.1
Y649 94125 25195	90	4	1	<2	<2	<0.5	17	<0.2	40	170	560	<0.1
Y650 94125 25195	210	12	1	2	<2	<0.5	36	<0.2	40	70	440	<0.1
Y651 94125 25195	400	18	3	2	2	<0.5	76	<0.2	50	60	4300	<0.1
Y652 94125 25195	590	50	2	8	2	<0.5	340	1.0	130	130	1080	<0.1
Y653 94125 25195	1060	29	2	4	4	<0.5	310	2.2	120	300	1300	<0.1
Y654 94135 25235	15	15	10	46	6	<0.5	690	10.0	90	540	880	<0.1
Y655 94080 25245	85	93	1	8	86	<0.5	630	<0.2	80	100	300	0.2
Y656 94115 25230	10	125	7	44	26	<0.5	210	3.8	30	480	880	<0.1
Y657 93930 24580	<5	3	1	2	2	<0.5	12	<0.2	40	40	100	<0.1
Y658 93925 24570	<5	10	2	10	8	<0.5	7	<0.2	20	60	110	<0.1
Y659 93920 24565	<5	6	2	4	6	<0.5	15	<0.2	20	60	140	<0.1
Y660 93910 24555	<5	15	2	2	2	<0.5	100	0.4	70	40	140	<0.1
Y661 93890 24620	<5	38	4	12	8	<0.5	150	0.8	190	160	380	<0.1
Y662 93900 24600	<5	34	3	12	12	<0.5	930	1.2	170	190	400	0.2
Y663 94225 25200	20	9	1	10	2	<0.5	18	<0.2	400	60	3200	<0.1
Y664 94230 25220	<5	3	1	6	<2	<0.5	15	<0.2	180	60	240	<0.1
Y665 94275 25225	10	22	1	8	2	0.5	500	<0.2	340	40	360	<0.1
Y666 94300 25230	380	15	1	24	18	<0.5	2510	0.6	710	560	3200	<0.1
Y667 94350 25235	30	9	1	8	2	<0.5	250	<0.2	400	110	900	<0.1
Y668 94305 25255	20	4	1	4	2	<0.5	17	<0.2	200	40	120	<0.1
Y669 94345 25205	<5	19	1	42	12	<0.5	550	<0.2	50	170	1200	<0.1
Y670 94310 25205	5	26	1	28	2	<0.5	32	<0.2	2100	50	3900	<0.1
Y671 94405 25260	<5	7	1	22	2	<0.5	78	<0.2	4000	50	4700	<0.1
Y672 94445 25260	20	12	4	44	2	<0.5	60	0.6	1300	60	1040	0.3
Y673 94040 25160	55	14	3	8	4	<0.5	830	3.8	80	60	1380	<0.1
Y674 94030 25135	75	5	1	4	<2	<0.5	46	<0.2	700	40	740	<0.1
Y675 94010 25120	45	2	1	2	<2	<0.5	5	<0.2	80	40	520	<0.1
Y676 94015 25100	40	15	1	8	4	<0.5	550	1.0	60	100	1500	<0.1
Y677 93980 25125	100	4	1	2	<2	<0.5	11	<0.2	60	50	300	<0.1
Y678 93995 25110	110	3	1	2	<2	<0.5	18	<0.2	30	50	540	<0.1
Y679 93970 25120	10	1	1	<2	<2	<0.5	1	<0.2	40	40	200	<0.1
Y680 93940 25095	130	3	1	6	2	<0.5	14	<0.2	50	40	600	<0.1
Y681 93940 25095	20	5	2	2	2	<0.5	2	<0.2	300	30	200	<0.1
Y682 93980 25090	175	74	6	14	12	<0.5	1100	6.4	100	50	660	<0.1
Y683 93985 25095	25	5	1	<2	<2	<0.5	10	<0.2	30	30	100	<0.1
Y684 93955 25070	45	4	1	6	2	<0.5	10	<0.2	180	30	240	<0.1
Y685 93975 25070	<5	2	1	<2	<2	<0.5	2	<0.2	30	30	260	<0.1
Y686 94000 25050	175	2	<1	6	<2	<0.5	44	<0.2	50	60	500	<0.1
Y687 94010 25025	30	5	2	2	<2	<0.5	5	<0.2	30	50	400	<0.1
Y688 93890 24860	10	24	2	6	4	<0.5	28	<0.2	200	40	1060	<0.1
Y689 93890 24870	15	3	1	2	2	<0.5	10	<0.2	20	50	740	<0.1
Y690 93915 24845	80	26	51	94	118	<0.5	44	<0.2	80	200	380	0.1
Y691 93925 24890	110	4	2	8	<2	<0.5	240	<0.2	20	50	260	<0.1
Y692 93560 24940	10	32	4	4	8	<0.5	110	5.0	20	180	180	<0.1

Table 4 The Chemical Analysis of Rock Samples

Etili (10)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Sc ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
Y696 94020 26045	10	23	7	26	6	<0.5	60	<0.2	20	380	760	0.3
Y732 94020 24930	655	21	13	162	22	<0.5	2700	2.8	220	200	2500	0.3
Y733 94020 24925	790	26	7	260	8	<0.5	1450	1.6	600	70	2300	0.3
Y734 94015 24910	1810	22	4	148	8	<0.5	400	1.6	120	70	720	<0.1
Y735 93990 24920	370	10	2	60	2	<0.5	176	<0.2	270	70	1700	0.4
Y736 94020 25005	20	3	1	8	<2	<0.5	140	<0.2	60	80	1600	<0.1
Y737 93990 24915	430	6	1	148	2	<0.5	160	<0.2	510	50	8600	<0.1
Y738 93960 24910	990	49	7	140	6	<0.5	3850	0.8	220	70	>10000	0.7

Table 6 The Chemical Analysis of Trench Samples

Arlık Stream (1)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
AA01 Soil B	35	5	16	12	8	<0.5	9	<0.2	30	150	200	0.2
AA02 Soil B	40	12	35	6	10	<0.5	22	1.0	30	120	180	0.2
AA03 Soil B	35	8	24	8	10	<0.5	20	0.4	40	120	200	0.2
AA04 Soil B	25	2	1	6	<2	<0.5	5	<0.2	40	130	220	0.2
AA05 Soil B	35	6	21	10	4	<0.5	22	0.2	40	220	220	0.2
AA06 Soil B	35	5	20	28	6	<0.5	17	0.6	40	330	700	0.5
AA07 Soil B	25	5	20	16	6	<0.5	6	0.2	20	190	500	0.4
AA08 Soil B	30	3	10	8	2	<0.5	5	<0.2	20	220	260	0.3
AA09 Soil B	55	3	10	12	4	<0.5	4	0.4	30	180	300	0.5
AA10 Soil B	35	6	26	10	10	<0.5	12	0.6	20	180	220	0.2
AA11 Soil B	35	2	5	16	4	<0.5	3	<0.2	20	250	380	0.3
AA12 Soil B	35	2	5	14	4	<0.5	5	<0.2	30	280	260	0.2
AA13 Soil B	30	1	3	10	2	<0.5	3	<0.2	20	120	140	0.2
AA14 Soil B	45	7	18	12	10	<0.5	6	0.2	20	210	240	0.5
AA15 Soil B	30	2	3	12	4	<0.5	4	0.2	40	210	300	0.3
AA16 Soil B	45	2	2	4	4	<0.5	3	<0.2	40	90	80	0.2
AA17 Soil B	30	4	9	10	8	<0.5	5	<0.2	40	190	380	0.3
AA18 Soil B	20	3	6	10	8	<0.5	5	<0.2	30	140	180	0.3
AA19 Soil B	25	2	8	16	4	<0.5	5	<0.2	30	190	260	0.3
AA20 Soil B	30	4	6	18	4	<0.5	8	<0.2	40	150	400	0.6
AA21 Soil B	25	3	4	16	2	<0.5	9	<0.2	50	330	440	0.3
AA22 Soil B	50	2	5	16	2	<0.5	3	<0.2	40	320	480	0.5
AA23 Soil B	20	7	11	8	8	<0.5	10	0.2	40	290	240	0.5
AA24 Soil B	25	25	9	4	16	<0.5	23	0.6	40	150	60	0.1
AA25 Soil B	15	3	7	18	4	<0.5	6	<0.2	30	370	280	0.4
AA26 Soil B	20	3	10	20	2	<0.5	6	<0.2	40	420	360	0.4
AA27 Soil B	10	3	12	12	2	<0.5	11	0.4	40	450	280	0.3
AA28 Soil B	15	4	12	10	<2	<0.5	3	<0.2	40	390	260	0.3
AA29 Soil B	10	3	9	22	2	<0.5	5	<0.2	40	430	380	0.3
AA30 Soil B	10	2	6	24	<2	<0.5	5	<0.2	40	390	440	0.4
AA31 Soil B	10	2	6	14	2	<0.5	6	<0.2	50	410	400	0.4
AA32 Soil B	15	3	9	22	2	<0.5	6	<0.2	40	420	300	0.5
AA33 Soil B	25	2	21	18	4	<0.5	9	<0.2	40	320	180	0.3
AA34 Soil B	15	2	12	24	2	<0.5	6	0.2	50	360	500	0.5
AA35 Soil B	20	3	25	24	4	<0.5	13	0.2	60	210	380	0.4
AA36 Soil B	10	2	4	14	<2	<0.5	6	<0.2	40	130	400	0.4
AA37 Soil B	15	3	8	16	2	<0.5	11	<0.2	40	180	600	0.3
AA38 Soil B	5	1	21	22	<2	<0.5	5	<0.2	40	360	600	0.4
AA39 Soil B	<5	2	20	18	2	<0.5	11	0.2	40	150	280	0.3
AA40 Soil B	<5	3	11	10	2	<0.5	11	<0.2	50	170	180	0.2
AA41 Soil B	10	1	5	24	2	<0.5	5	<0.2	40	370	460	0.4
AA42 Soil B	10	1	2	18	2	<0.5	3	<0.2	30	340	280	0.5
AA43 Soil B	10	3	11	14	2	<0.5	5	<0.2	30	210	260	0.8
AA44 Soil B	15	1	3	8	<2	<0.5	3	<0.2	40	160	140	0.6
AA45 Soil B	25	3	5	12	4	<0.5	6	<0.2	50	190	260	0.5
AA46 Soil B	25	1	2	6	2	<0.5	2	<0.2	50	180	120	0.4
AA47 Soil B	20	1	4	6	<2	<0.5	4	<0.2	50	170	400	0.6
AA48 Soil B	20	2	4	12	2	<0.5	2	<0.2	30	310	240	0.4
AB01 Soil B	20	3	16	6	2	<0.5	17	0.4	20	90	140	0.2
AB02 Soil B	40	2	18	16	<2	<0.5	9	<0.2	30	150	260	0.3

Table 6 The Chemical Analysis of Trench Samples

Arlik Stream (2)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
AB03 Soil B	40	2	15	10	<2	<0.5	11	<0.2	30	380	680	0.2
AB04 Soil B	90	5	8	14	2	<0.5	8	<0.2	20	240	460	0.2
AB05 Soil B	30	4	13	8	<2	<0.5	7	<0.2	30	200	240	0.2
AB06 Soil B	50	15	15	20	8	<0.5	28	0.2	40	230	400	0.2
AB07 Soil B	50	10	10	26	8	<0.5	22	1.2	40	310	280	0.7
AB08 Soil B	60	12	19	30	6	<0.5	15	1.6	30	330	460	1.0
AB09 Soil B	25	15	9	26	12	<0.5	20	1.4	60	300	180	0.5
AB10 Soil B	25	10	9	34	12	<0.5	15	0.6	40	280	220	0.6
AB11 Soil B	30	10	13	28	18	<0.5	19	0.4	20	310	260	0.5
AB12 Soil B	30	12	15	30	20	<0.5	15	0.4	30	270	280	0.5
AB13 Soil B	30	12	13	24	20	<0.5	15	0.6	30	300	320	0.7
AB14 Soil B	30	9	12	22	16	<0.5	15	0.2	20	310	240	0.6
AB15 Soil B	40	11	15	26	18	<0.5	15	0.6	30	370	180	0.6
AB16 Soil B	35	10	17	28	20	<0.5	23	0.4	30	290	220	0.6
AB17 Soil B	40	10	28	26	16	<0.5	22	0.8	30	260	200	0.5
AB18 Soil B	30	12	25	32	18	<0.5	20	1.0	30	300	280	0.6
AB19 Soil B	35	16	22	36	22	<0.5	26	0.8	20	350	560	0.7
AB20 Soil B	25	13	21	34	20	<0.5	22	0.6	30	350	480	0.6
AB21 Soil B	45	14	35	28	16	<0.5	20	0.8	20	340	380	0.6
AB22 Soil B	55	12	19	32	14	<0.5	24	1.0	30	310	240	0.6
AB23 Soil B	75	20	28	36	18	<0.5	46	2.0	30	320	280	0.6
AB24 Soil B	70	12	18	34	14	<0.5	30	1.2	40	280	280	1.0
AB25 Soil B	80	14	20	48	16	<0.5	24	0.6	80	530	200	1.1
AB26 Soil B	75	11	14	44	14	<0.5	15	0.6	70	440	140	1.0
AB27 Soil B	80	13	17	56	18	<0.5	20	0.6	80	510	180	0.9
AB28 Soil B	75	11	17	30	10	<0.5	24	1.0	40	330	200	0.6
AB29 Soil B	80	15	12	52	14	<0.5	24	1.2	50	330	160	0.8
AB30 Soil B	270	12	14	30	8	<0.5	12	1.2	30	520	260	1.3
AB31 Soil B	100	15	22	40	12	<0.5	22	1.6	40	470	220	1.5
AB32 Soil B	55	3	8	18	2	<0.5	8	0.4	30	110	180	0.2
AB33 Soil B	140	4	7	16	4	<0.5	8	0.2	30	190	200	0.2
AB34 Soil B	60	4	9	16	4	<0.5	6	0.6	40	250	280	0.2
AB35 Soil B	50	5	15	40	4	<0.5	15	1.4	40	320	480	0.8
AB36 Soil B	70	7	31	28	6	<0.5	25	2.6	40	320	620	0.5
AB37 Soil B	85	12	28	26	8	<0.5	34	3.4	50	440	500	1.3
AB38 Soil B	100	8	24	30	6	<0.5	26	2.0	40	550	320	0.7
AB39 Soil B	45	2	6	26	2	<0.5	5	<0.2	20	220	540	0.8
AB40 Soil B	55	1	10	24	<2	<0.5	4	<0.2	20	130	460	0.2
AB41 Soil B	80	1	7	18	<2	<0.5	3	<0.2	20	240	360	0.4
AB42 Soil B	90	4	44	32	4	<0.5	24	3.2	30	740	400	2.3
AB43 Soil B	110	5	24	36	2	<0.5	18	3.4	30	540	460	1.9
AB44 Soil B	85	16	24	30	6	<0.5	30	1.6	40	480	360	3.1
AB45 Soil B	45	12	30	68	6	<0.5	20	1.0	90	200	320	1.4
AB46 Soil B	60	18	40	114	10	<0.5	30	1.6	40	200	400	1.6
AB47 Soil B	50	22	30	58	8	<0.5	21	1.4	30	200	360	1.2
AB48 Soil B	110	14	29	82	20	<0.5	38	4.2	20	160	360	1.2
AB49 Soil B	60	9	25	176	8	<0.5	12	3.2	20	140	440	1.9
AB50 Soil B	195	8	68	472	8	<0.5	13	3.4	20	130	480	3.2
AB51 Soil B	105	21	52	176	8	<0.5	25	4.0	10	190	420	1.9
AB52 Soil B	30	20	11	70	4	<0.5	10	4.2	20	190	500	1.6

Table 6 The Chemical Analysis of Trench Samples

Arlik Stream (3)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
AB53 Soil B	20	35	8	132	4	<0.5	12	2.2	20	260	500	1.8
AB54 Soil B	20	20	11	34	6	<0.5	15	1.4	20	250	560	1.5
A1001 Soil B	80	28	16	8	8	<0.5	6	<0.2	20	330	100	0.3
A1002 Soil B	70	30	14	10	16	<0.5	17	0.4	20	500	140	0.2
A1003 Soil B	50	20	8	12	18	<0.5	10	1.0	20	460	180	0.4
A1004 Soil B	80	36	33	10	50	<0.5	48	0.8	20	430	220	0.2
A1005 Soil B	170	60	32	24	40	<0.5	40	1.0	40	230	100	0.1
A1006 Soil B	345	47	41	10	16	<0.5	154	7.2	20	370	120	0.2
A1007 Soil B	205	65	16	18	22	<0.5	32	4.0	20	800	560	0.4
A1008 Soil B	25	26	26	18	4	<0.5	20	2.6	20	1010	440	2.0
A1009 Soil B	85	38	17	16	26	<0.5	38	1.4	30	980	820	0.3
A1010 Soil B	70	32	21	24	12	<0.5	20	2.8	30	820	660	0.4
A1011 Soil B	75	34	23	30	4	<0.5	17	1.8	30	910	520	1.3
A1012 Soil B	<5	56	13	26	6	<0.5	23	2.8	20	550	480	1.8
A1013 Soil B	<5	47	9	32	12	<0.5	17	3.4	20	440	320	0.9
A1014 Soil B	15	29	8	50	14	<0.5	12	3.2	20	710	520	1.1
A1015 Soil B	<5	36	11	48	14	<0.5	64	2.2	30	580	620	1.0
A1016 Soil B	10	24	25	62	4	<0.5	11	2.0	20	450	540	1.4
A1017 Soil B	15	23	32	74	4	<0.5	10	1.2	20	530	460	1.8
A1018 Soil B	10	24	10	42	10	<0.5	10	1.4	10	860	560	1.3
A1019 Soil B	10	35	12	30	8	<0.5	17	1.8	30	620	880	1.4
A1020 Soil B	5	27	13	40	8	<0.5	20	2.8	10	520	920	1.3
A1021 Soil B	45	21	76	72	4	<0.5	18	1.6	20	420	320	2.0
A1022 Soil B	50	22	39	58	6	<0.5	11	1.0	10	450	420	1.5
A1023 Soil B	35	33	27	72	6	<0.5	25	2.6	20	630	740	1.5
A1024 Soil B	60	27	25	86	8	<0.5	20	2.4	20	740	1200	1.4
A1025 Soil B	40	47	17	82	6	<0.5	20	4.2	10	450	900	1.8
A1026 Soil B	30	33	29	40	6	<0.5	18	3.6	20	560	620	2.1
A1027 Soil B	30	20	17	26	6	<0.5	20	3.4	20	660	700	3.3
A1028 Soil B	40	28	16	18	6	<0.5	20	4.0	20	670	580	1.5
A1029 Soil B	115	19	62	10	4	<0.5	31	2.0	20	250	120	0.4
A1030 Soil B	65	28	67	18	8	<0.5	52	1.2	10	250	150	0.3
A1031 Soil B	65	38	69	6	4	<0.5	52	1.2	10	160	240	0.1
A1032 Soil B	35	26	25	10	8	<0.5	25	1.6	20	180	380	0.2
A1033 Soil B	50	25	11	20	4	<0.5	35	2.2	30	260	240	0.3
A1034 Soil B	<5	12	14	38	6	<0.5	32	2.2	20	290	580	2.3
A1035 Soil B	<5	52	15	30	8	<0.5	31	2.0	20	420	920	2.4
A1036 Soil B	<5	44	10	20	6	<0.5	24	2.2	30	460	500	2.6
A1037 Soil B	<5	31	7	22	10	<0.5	27	2.0	40	600	520	1.7
A1038 Soil B	<5	26	6	14	4	<0.5	25	2.8	70	580	480	2.4
A1039 Soil B	<5	32	6	16	4	<0.5	17	2.2	70	730	600	2.8
A1040 Soil B	<5	24	5	14	4	<0.5	23	1.6	50	740	600	1.9
A1041 Soil B	15	17	5	76	4	<0.5	25	1.6	50	590	1020	0.8
A1042 Soil B	<5	16	4	62	6	<0.5	25	2.4	50	670	800	0.8
A1043 Soil B	<5	16	15	30	4	<0.5	46	4.0	40	940	720	0.6
A1044 Soil B	<5	27	7	20	4	<0.5	25	3.0	50	1200	540	1.3
A1045 Soil B	<5	10	4	20	4	<0.5	29	3.2	40	740	660	0.7
A1046 Soil B	<5	31	5	22	10	<0.5	31	3.4	70	800	640	1.9
A1047 Soil B	<5	17	5	64	6	<0.5	44	3.6	50	710	500	2.2
A1048 Soil B	<5	13	6	40	4	<0.5	34	2.6	50	620	680	0.6

Table 6 The Chemical Analysis of Trench Samples

Arlık Stream (4)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
A1049 Soil B	<5	15	5	34	4	<0.5	23	1.8	50	750	680	1.2
A1050 Soil B	<5	27	7	38	8	<0.5	30	4.4	40	600	620	1.8
A1051 Soil B	<5	21	5	38	4	<0.5	23	3.8	40	510	520	1.9
A1052 Soil B	<5	16	6	32	8	<0.5	21	2.2	40	470	800	2.0
A1053 Soil B	<5	44	6	20	6	<0.5	14	3.2	50	700	440	4.0
A1054 Soil B	<5	41	4	22	8	<0.5	12	3.0	50	690	520	3.9
A1055 Soil B	<5	39	4	22	8	<0.5	25	5.2	40	590	500	4.0
A1101 Soil B	20	23	3	24	14	<0.5	17	0.4	80	350	240	0.6
A1102 Soil B	15	28	4	34	16	<0.5	15	0.6	70	250	300	0.5
A1103 Soil B	15	38	4	32	24	<0.5	15	0.2	60	360	240	0.6
A1104 Soil B	20	23	8	40	36	<0.5	10	<0.2	60	330	280	0.8
A1105 Soil B	20	21	7	48	48	<0.5	14	<0.2	50	330	240	0.8
A1106 Soil B	15	17	9	28	22	<0.5	12	<0.2	40	230	300	0.8
A1107 Soil B	20	20	9	32	26	<0.5	18	<0.2	40	300	280	0.9
A1108 Soil B	20	18	11	32	28	<0.5	13	<0.2	50	320	280	0.9
A1109 Soil B	30	20	9	36	32	<0.5	18	<0.2	60	350	280	0.8
A1110 Soil B	25	20	9	40	34	<0.5	14	<0.2	40	380	260	0.8
A1111 Soil B	25	23	12	70	32	<0.5	20	0.4	70	310	240	0.7
A1112 Soil B	25	24	12	74	32	<0.5	14	<0.2	60	300	280	0.9
A1113 Soil B	25	22	13	72	26	<0.5	20	0.2	80	310	260	0.9
A1114 Soil B	25	25	14	76	24	<0.5	16	0.8	90	260	320	1.0
A1115 Soil B	40	19	19	72	22	<0.5	15	0.6	60	340	380	1.1
A1116 Soil B	40	23	13	44	28	<0.5	13	0.4	80	340	320	1.0
A1117 Soil B	35	23	13	84	38	<0.5	18	0.4	70	360	300	1.1
A1118 Soil B	35	19	13	70	32	<0.5	15	0.4	70	350	320	1.0
A1119 Soil B	40	17	15	88	28	<0.5	21	0.6	70	310	360	1.0
A1120 Soil B	55	19	11	70	34	<0.5	17	1.2	70	310	240	0.9
A1121 Soil B	40	20	14	66	30	<0.5	14	1.0	90	370	300	0.9
A1122 Soil B	25	17	9	36	34	<0.5	20	0.4	60	330	300	0.8
A1123 Soil B	20	20	15	26	42	<0.5	17	0.4	70	390	400	0.9
A1124 Soil B	25	21	16	38	42	<0.5	23	0.4	50	350	360	1.0
A1125 Soil B	30	20	13	50	42	<0.5	15	0.6	60	430	340	0.9
A1126 Soil B	20	21	13	46	46	<0.5	21	0.2	70	410	340	1.0
A1127 Soil B	25	14	17	26	34	<0.5	14	<0.2	40	360	320	0.8
A1128 Soil B	35	19	18	32	32	<0.5	23	3.2	50	390	380	0.9
A1129 Soil B	25	23	19	30	30	<0.5	22	3.0	60	370	440	0.9
A1130 Soil B	40	9	24	24	14	<0.5	20	1.4	60	320	280	0.5
A1131 Soil B	35	14	19	32	14	<0.5	16	2.2	50	470	320	1.0
A1132 Soil B	40	27	35	40	10	<0.5	21	3.0	50	740	320	1.5
A1133 Soil B	70	25	27	42	8	<0.5	21	2.8	50	510	580	1.7
A1134 Soil B	55	28	28	24	8	<0.5	12	3.0	60	560	420	2.0
A1135 Soil B	35	16	13	54	4	<0.5	12	1.6	60	920	460	2.6
A1136 Soil B	70	15	26	24	8	<0.5	23	3.8	70	1350	340	3.7
A1137 Soil B	45	8	42	26	10	<0.5	40	1.0	40	560	500	0.8
A1138 Soil B	40	2	31	12	4	<0.5	17	0.2	40	150	110	0.2
A1139 Soil B	45	6	31	16	10	<0.5	30	0.8	40	140	220	0.7
A1140 Soil B	60	9	73	14	10	<0.5	56	5.0	40	210	240	0.4
A1141 Soil B	110	6	39	8	6	<0.5	23	1.2	30	100	160	0.3
A1142 Soil B	40	1	15	16	2	<0.5	6	<0.2	40	110	140	0.3
A1143 Soil B	35	2	7	34	2	<0.5	7	<0.2	50	140	280	0.6

Table 6 The Chemical Analysis of Trench Samples

Arlik Stream (5)

Sample No.	Description	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
A1144	Soil B	30	8	21	10	6	0.5	18	1.0	40	150	100	0.3
A1145	Soil B	110	11	14	20	6	<0.5	16	5.0	40	290	180	1.1
A1146	Soil B	80	11	16	26	6	<0.5	14	17.0	50	360	320	1.3
A1147	Soil B	65	8	11	18	6	<0.5	13	1.2	50	250	380	0.5
A1148	Soil B	35	6	25	28	8	<0.5	16	7.0	60	180	300	0.6
A1149	Soil B	105	8	12	44	2	<0.5	8	6.8	50	270	440	1.5
A1150	Soil B	25	12	10	22	2	<0.5	8	3.4	40	220	300	1.1
A1151	Soil B	35	8	13	24	4	<0.5	7	5.2	40	300	340	1.3
A1152	Soil B	40	9	13	28	2	<0.5	8	4.2	40	380	320	1.1
A1153	Soil B	20	8	28	34	10	<0.5	44	4.6	40	380	200	0.4
A1154	Soil B	15	10	18	40	6	<0.5	26	4.0	40	310	180	0.3
A1155	Soil B	15	6	14	22	2	<0.5	22	3.4	30	300	180	0.3
A1156	Soil B	65	20	41	40	8	<0.5	60	1.4	40	610	220	0.7
A1157	Soil B	35	2	4	2	2	<0.5	5	0.2	30	80	20	0.1
A1158	Soil B	30	3	9	48	2	<0.5	20	<0.2	30	180	240	0.4
A1159	Soil B	30	1	12	32	<2	<0.5	11	<0.2	20	340	240	1.0
A1160	Soil B	30	1	10	34	<2	<0.5	10	<0.2	20	280	340	0.7
A1161	Soil B	40	2	21	14	2	<0.5	9	<0.2	30	170	180	0.4
A1162	Soil B	35	2	9	16	2	<0.5	10	0.2	30	240	220	0.6
A1163	Soil B	35	4	10	24	4	<0.5	13	0.6	30	290	260	0.7
A1164	Soil B	25	9	17	30	10	<0.5	20	1.0	40	310	360	0.7
A1165	Soil B	30	7	11	32	10	<0.5	12	0.8	50	830	400	0.8
A1166	Soil B	15	13	11	42	10	<0.5	9	1.4	40	810	460	1.0
A1167	Soil B	15	18	10	48	10	<0.5	8	1.4	50	310	460	1.5
A1168	Soil B	50	27	29	68	10	<0.5	18	2.0	50	240	360	0.9
A1169	Soil B	25	16	16	72	10	<0.5	12	0.8	50	230	400	1.3
A1170	Soil B	25	24	17	40	12	<0.5	19	1.4	60	210	400	1.9
A1201	Soil B	<5	4	5	8	4	<0.5	32	0.8	30	400	540	1.2
A1202	Soil B	<5	4	4	12	4	<0.5	26	1.2	40	360	380	1.2
A1203	Soil B	<5	4	3	8	4	<0.5	16	2.0	40	480	720	1.4
A1204	Soil B	<5	3	5	10	6	<0.5	28	2.4	30	430	480	1.5
A1205	Soil B	<5	3	4	12	6	<0.5	20	2.2	30	680	340	1.0
A1206	Soil B	<5	5	7	16	8	<0.5	36	2.8	40	650	460	0.7
A1207	Soil B	<5	7	12	8	6	<0.5	30	2.4	40	240	460	0.4
A1208	Soil B	<5	5	12	10	8	<0.5	38	3.0	40	1040	380	1.4
A1209	Soil B	10	8	4	12	6	<0.5	60	2.6	40	980	340	2.0
A1210	Soil B	<5	21	3	12	4	<0.5	26	3.6	30	280	340	1.4
A1211	Soil B	<5	14	3	10	4	<0.5	30	1.8	40	430	380	1.5
A1212	Soil B	<5	60	6	6	6	<0.5	20	1.8	30	320	500	1.1
A1213	Soil B	<5	49	5	10	6	<0.5	40	1.8	40	320	260	0.9
A1214	Soil B	<5	12	12	14	12	<0.5	70	2.8	50	540	320	1.2
A1215	Soil B	<5	20	10	14	12	<0.5	30	2.8	40	720	660	0.5
A1216	Soil B	<5	26	11	14	16	<0.5	36	3.2	40	690	560	0.7
A1217	Soil B	<5	17	7	16	14	<0.5	32	1.8	30	510	240	1.0
A1218	Soil B	<5	25	4	16	14	<0.5	34	2.0	40	500	260	0.8
A1219	Soil B	<5	17	5	18	12	<0.5	28	2.6	50	530	240	0.7
A1220	Soil B	<5	13	7	12	12	<0.5	40	1.6	50	450	340	0.7
A1221	Soil B	<5	7	9	6	8	<0.5	36	1.0	40	430	360	0.8
A1222	Soil B	<5	10	8	10	6	<0.5	44	1.4	40	590	360	1.0
A1223	Soil B	<5	35	6	18	4	<0.5	24	2.2	40	800	260	1.1

Table 6 The Chemical Analysis of Trench Samples

Arlık Stream (6)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
A1224 Soil B	<5	20	4	14	4	<0.5	18	1.8	40	750	380	1.4
A1225 Soil B	<5	15	5	14	6	<0.5	21	2.2	30	860	240	1.4
A1226 Soil B	5	14	6	18	8	<0.5	28	1.4	40	750	300	1.2
A1227 Soil B	10	17	6	14	8	<0.5	30	1.0	50	540	380	1.3
A1228 Soil B	10	28	7	16	14	<0.5	30	1.4	40	440	360	0.9
A1229 Soil B	<5	37	9	16	16	<0.5	28	1.6	40	550	280	0.7
A1230 Soil B	25	31	8	22	18	<0.5	20	1.0	30	430	320	0.8
A1231 Soil B	30	26	17	28	16	<0.5	24	1.4	40	290	300	0.5
A1232 Soil B	10	132	9	14	14	<0.5	32	2.8	40	400	260	0.6
A1233 Soil B	10	110	9	18	12	<0.5	36	2.2	40	420	200	0.5
A1234 Soil B	<5	81	6	14	12	<0.5	32	2.2	40	330	300	0.5
A1235 Soil B	<5	95	8	12	14	<0.5	22	1.8	40	340	260	0.5
A1236 Soil B	<5	82	6	12	10	<0.5	58	2.2	20	430	140	0.4
A1237 Soil B	<5	80	5	10	10	<0.5	32	1.2	40	500	100	0.3
A1238 Soil B	<5	42	5	18	8	<0.5	52	2.2	30	470	140	0.3
A1239 Soil B	<5	32	8	22	10	<0.5	30	1.6	40	320	220	0.3
A1240 Soil B	<5	60	7	18	14	<0.5	52	1.6	40	370	360	0.5
A1241 Soil B	<5	66	7	20	16	<0.5	34	1.0	50	380	260	0.6
A1242 Soil B	<5	68	9	18	16	<0.5	26	2.0	50	390	320	0.6
A1243 Soil B	15	59	13	24	18	<0.5	40	1.8	40	310	300	0.7
A1244 Soil B	<5	66	12	20	18	<0.5	34	3.0	40	290	300	0.6
A1245 Soil B	20	19	32	28	18	<0.5	23	1.4	40	260	420	0.6
A1246 Soil B	15	13	16	24	16	<0.5	18	1.6	40	310	340	0.7
A1247 Soil B	5	16	10	14	14	<0.5	38	3.2	40	280	300	0.6
A1248 Soil B	15	10	8	16	14	<0.5	42	2.2	50	330	400	0.7
A1249 Soil B	<5	19	16	16	12	<0.5	24	3.0	50	420	440	0.8
A1250 Soil B	20	49	11	16	10	<0.5	30	3.0	40	760	340	1.0
A1251 Soil B	<5	28	7	14	10	<0.5	22	2.8	40	820	420	1.4
A1252 Soil B	<5	15	12	18	10	<0.5	20	3.4	40	550	380	1.1
A1253 Soil B	10	10	21	18	10	<0.5	32	6.2	50	240	320	0.9
A1254 Soil B	<5	10	17	10	10	<0.5	46	4.8	40	190	420	0.3
A1255 Soil B	15	13	26	50	16	<0.5	38	4.8	60	210	380	0.3
A1256 Soil B	225	11	37	26	10	<0.5	26	2.6	50	190	400	0.3
A1257 Soil B	40	6	69	10	4	<0.5	17	2.2	30	100	160	0.1
A1258 Soil B	45	2	46	< 2	< 2	<0.5	3	0.2	20	70	40	0.1
A1259 Soil B	45	2	12	4	< 2	<0.5	5	0.4	20	80	100	<0.1
A1260 Soil B	10	11	22	14	10	<0.5	40	1.8	30	130	340	0.1
A1261 Soil B	40	18	67	12	18	<0.5	60	7.0	40	170	300	0.2
A1262 Soil B	25	16	34	20	22	<0.5	124	4.4	30	150	520	0.2
A1263 Soil B	40	18	24	28	14	<0.5	60	2.8	40	140	540	0.1
A1264 Soil B	15	9	25	28	8	<0.5	28	2.2	40	220	700	1.6
A1265 Soil B	35	31	68	22	22	<0.5	50	3.2	50	210	640	1.7
A1266 Soil B	30	16	49	12	20	<0.5	68	5.0	80	160	380	0.2
A1267 Soil B	15	7	32	12	8	<0.5	30	2.8	50	200	400	0.3
A1268 Soil B	10	20	25	16	12	<0.5	36	2.2	50	170	400	1.1
A1269 Soil B	35	4	11	6	2	<0.5	5	0.2	30	100	140	0.2
A1270 Soil B	50	9	14	12	4	<0.5	8	0.2	50	140	400	1.0
A1271 Soil B	25	15	27	22	10	<0.5	36	4.0	50	140	460	0.5
A1301 Talus D	55	8	20	20	16	<0.5	15	<0.2	20	260	280	0.3
A1302 Talus D	50	1	9	10	2	<0.5	5	<0.2	10	100	80	0.1

Table 6 The Chemical Analysis of Trench Samples

Arlik Stream (7)

Sample No.	Description	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
A1303	Talus D	50	3	34	46	24	<0.5	8	0.2	20	100	90	0.1
A1304	Talus D	60	<1	18	18	<2	<0.5	5	0.2	10	100	100	0.1
A1305	Talus D	70	2	73	34	4	<0.5	14	0.6	10	190	320	0.2
A1306	Talus D	100	3	144	50	6	<0.5	25	0.6	20	200	480	0.2
A1307	Talus D	50	4	94	42	8	<0.5	24	0.6	20	180	560	0.3
A1308	Talus D	50	2	66	22	6	<0.5	13	<0.2	20	160	190	0.1
A1309	Talus D	100	<1	22	6	<2	<0.5	4	<0.2	10	80	40	<0.1
A1310	Talus D	90	1	12	8	2	<0.5	3	<0.2	20	80	80	0.1
A1311	Talus D	60	1	12	14	4	<0.5	5	<0.2	20	110	120	0.1
A1312	Talus D	60	3	7	12	2	<0.5	4	<0.2	10	90	100	0.1
A1313	Talus D	70	1	8	10	4	<0.5	4	<0.2	10	90	100	0.1
A1314	Talus D	45	6	24	22	14	<0.5	15	1.2	30	260	260	0.4
A1315	Talus D	60	5	18	16	10	<0.5	10	1.0	20	200	220	0.3
A1316	Talus D	65	3	17	16	6	<0.5	6	0.4	20	130	120	0.2
A1317	Talus D	75	1	5	6	2	<0.5	3	<0.2	20	80	60	0.1
A1318	Talus D	45	5	16	18	12	<0.5	8	0.2	30	180	140	0.3
A1319	Talus D	65	2	23	14	4	<0.5	6	0.6	20	120	60	0.1
A1320	Talus D	200	1	21	14	<2	<0.5	5	<0.2	20	90	50	<0.1
A1321	Talus D	220	3	20	10	2	<0.5	5	<0.2	10	120	50	<0.1
A1322	Talus D	200	2	18	8	2	<0.5	6	<0.2	10	100	60	<0.1
A1323	Talus D	80	3	16	28	4	<0.5	12	<0.2	20	160	160	0.2
A1324	Talus D	55	2	4	6	<2	<0.5	3	<0.2	20	80	40	<0.1
A1325	Talus D	70	1	1	2	<2	<0.5	1	<0.2	10	60	40	<0.1
A1326	Talus D	100	<1	1	<2	<2	<0.5	1	<0.2	10	50	30	<0.1
A1327	Talus D	60	<1	2	2	<2	<0.5	1	<0.2	10	70	30	<0.1
A1328	Talus D	40	<1	1	<2	<2	<0.5	<1	<0.2	10	60	30	<0.1
A1329	Talus D	15	<1	3	6	<2	<0.5	2	<0.2	10	70	40	<0.1
A1330	Talus D	100	<1	2	4	<2	<0.5	1	<0.2	10	50	30	<0.1
A1331	Talus D	95	<1	2	4	<2	<0.5	1	<0.2	20	50	30	<0.1
A1332	Talus D	170	<1	4	8	<2	<0.5	1	<0.2	10	50	880	<0.1
A1333	Talus D	110	<1	3	14	<2	<0.5	2	<0.2	10	60	60	<0.1
A1334	Talus D	90	<1	3	4	<2	<0.5	2	<0.2	10	60	30	<0.1
A1335	Talus D	90	1	3	6	<2	<0.5	1	<0.2	10	70	40	<0.1
A1336	Talus D	75	<1	3	6	<2	<0.5	1	<0.2	10	70	40	<0.1
A1337	Talus D	70	<1	5	4	<2	<0.5	2	<0.2	10	50	40	<0.1
A1338	Talus D	65	34	15	8	2	<0.5	6	<0.2	20	50	40	<0.1
A1339	Talus D	60	1	23	10	<2	<0.5	6	<0.2	10	50	50	<0.1
A1340	Talus D	55	6	15	22	4	<0.5	9	<0.2	10	100	140	<0.1
A1341	Talus D	45	2	6	8	<2	<0.5	4	<0.2	10	60	70	<0.1
A1342	Talus D	115	3	13	16	6	<0.5	6	<0.2	20	90	120	0.1
A1343	Talus D	75	1	5	8	<2	<0.5	3	<0.2	10	60	30	<0.1
A1344	Talus D	90	2	11	10	4	<0.5	5	<0.2	20	70	50	0.1
A1345	Talus D	90	6	9	8	<2	<0.5	3	<0.2	10	60	50	<0.1
A1346	Talus D	65	2	11	14	2	<0.5	5	<0.2	20	90	90	0.1
A1347	Talus D	65	3	9	14	<2	<0.5	5	<0.2	10	80	100	0.1
A1348	Talus D	85	2	32	42	<2	<0.5	13	<0.2	10	220	320	0.3
A1349	Talus D	90	2	24	46	<2	<0.5	10	<0.2	20	330	460	0.3
A1350	Talus D	75	3	88	38	2	<0.5	18	0.4	10	230	220	0.1
A1351	Talus D	70	2	28	32	<2	<0.5	15	<0.2	20	350	400	0.2
A1352	Talus D	80	1	88	30	<2	<0.5	15	<0.2	10	180	340	0.3

Table 6 The Chemical Analysis of Trench Samples

Arlik Stream (8)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
A1353 Talus D	95	3	81	32	<2	<0.5	16	<0.2	10	200	380	0.1
A1354 Talus D	90	2	33	10	2	<0.5	12	0.6	20	100	160	<0.1
A1355 Talus D	50	1	40	20	<2	<0.5	10	<0.2	10	220	340	<0.1
A1401 Talus D	40	7	7	28	12	<0.5	10	0.2	20	240	340	0.3
A1402 Talus D	30	18	9	24	14	<0.5	9	0.2	20	270	320	0.4
A1403 Talus D	30	9	8	30	10	<0.5	11	<0.2	20	310	360	0.3
A1404 Talus D	35	27	9	20	10	<0.5	11	<0.2	20	240	360	0.4
A1405 Talus D	25	9	11	28	12	<0.5	13	<0.2	30	330	380	0.4
A1406 Talus D	30	8	12	26	10	<0.5	14	<0.2	30	240	360	0.4
A1407 Talus D	35	20	11	20	8	<0.5	11	<0.2	40	270	320	0.4
A1408 Talus D	45	26	14	28	14	<0.5	18	<0.2	30	370	330	0.7
A1409 Talus D	30	8	9	24	10	<0.5	11	<0.2	20	360	360	0.6
A1410 Talus D	30	7	8	24	6	<0.5	18	0.4	20	290	420	0.3
A1411 Talus D	20	8	8	26	8	<0.5	10	0.2	20	310	420	0.6
A1412 Talus D	25	11	11	22	6	<0.5	11	0.2	20	430	420	0.4
A1413 Talus D	30	22	12	26	8	<0.5	15	0.6	20	360	420	0.7
A1414 Talus D	20	6	11	28	4	<0.5	10	<0.2	20	470	580	0.3
A1415 Talus D	15	9	12	28	6	<0.5	12	0.2	20	400	540	0.4
A1416 Talus D	30	12	8	30	8	<0.5	9	<0.2	20	340	400	0.5
A1417 Talus D	40	7	15	22	2	<0.5	10	0.2	20	350	440	0.3
A1418 Talus D	25	12	17	32	6	<0.5	20	0.6	30	410	440	0.4
A1419 Talus D	25	24	17	34	6	<0.5	17	0.6	20	430	400	0.8
A1420 Talus D	25	10	27	28	4	<0.5	17	0.2	20	370	580	0.8
A1421 Talus D	20	19	21	36	8	<0.5	21	0.8	20	500	480	0.6
A1422 Talus D	25	18	16	28	6	<0.5	16	0.6	20	380	400	0.6
A1423 Talus D	25	10	17	28	4	<0.5	21	0.8	20	360	480	0.5
A1424 Talus D	30	20	19	34	8	<0.5	23	0.4	80	540	440	0.8
A1425 Talus D	40	15	23	46	6	<0.5	23	0.8	50	430	360	0.8
A1426 Talus D	45	8	24	42	6	<0.5	18	1.4	40	640	400	0.8
A1427 Talus D	25	13	26	64	44	<0.5	24	1.0	40	560	360	0.9
A1428 Talus D	15	11	21	32	12	<0.5	23	0.6	40	380	340	0.8
A1429 Talus D	35	16	24	34	10	<0.5	21	1.0	40	520	340	0.9
A1430 Talus D	20	13	28	36	10	<0.5	21	0.6	40	450	320	0.8
A1431 Talus D	10	10	29	28	8	<0.5	20	0.8	30	350	380	0.6
A1432 Talus D	20	16	34	32	8	<0.5	24	0.8	30	350	340	0.7
A1433 Talus D	30	8	25	32	4	<0.5	16	0.8	20	360	460	0.6
A1434 Talus D	35	5	17	26	2	<0.5	12	<0.2	20	270	460	0.3
A1435 Talus D	30	25	23	26	4	<0.5	15	<0.2	20	270	340	0.4
A1436 Talus D	40	4	28	20	<2	<0.5	12	<0.2	20	230	320	0.2
A1437 Talus D	30	20	22	144	224	<0.5	12	0.2	30	240	380	0.4
A1438 Talus D	25	7	30	24	4	<0.5	15	0.6	20	290	360	0.4
A1439 Talus D	35	6	32	22	2	<0.5	15	0.2	20	260	360	0.3
A1440 Talus D	40	27	30	26	6	<0.5	16	0.4	20	270	680	0.4
A1441 Talus D	125	4	18	34	<2	<0.5	10	0.2	20	240	520	0.3
A1442 Talus D	90	2	12	42	<2	<0.5	6	<0.2	10	200	580	0.4
A1443 Talus D	50	<1	6	10	<2	<0.5	3	<0.2	10	80	40	<0.1
A1444 Talus D	50	<1	7	22	<2	<0.5	2	<0.2	10	110	120	0.1
A1445 Talus D	110	1	9	14	<2	<0.5	4	<0.2	20	120	60	0.1
A1446 Talus D	55	1	6	12	<2	<0.5	3	<0.2	20	110	90	0.1
A1447 Talus D	70	<1	6	14	<2	<0.5	3	<0.2	20	100	820	0.1
A1448 Talus D	90	2	11	76	2	<0.5	6	<0.2	30	130	190	0.2
A1449 Talus D	85	2	9	38	<2	<0.5	2	<0.2	20	110	1600	0.1
A1450 Talus D	110	<1	6	8	<2	<0.5	2	<0.2	20	60	40	0.1
A1451 Talus D	60	2	7	12	2	<0.5	6	<0.2	20	100	120	0.1

Table 6 The Chemical Analysis of Trench Samples

Piren Hill (1)

Sample Description No.	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
PA01 Soil C	<5	12	3	126	12	<0.5	140	1.2	50	590	560	0.6
PA02 Soil C	10	13	5	176	12	<0.5	500	2.4	60	480	160	0.4
PA03 Soil C	<5	25	6	32	12	<0.5	400	1.4	70	390	120	0.2
PA04 Soil C	<5	14	5	66	6	<0.5	152	0.6	30	180	80	0.1
PA05 Soil C	<5	5	5	72	6	<0.5	160	0.6	30	220	100	0.1
PA06 Soil C	<5	13	8	38	8	<0.5	140	1.0	40	160	90	0.1
PA07 Soil C	<5	15	9	36	8	<0.5	100	<0.2	30	130	70	0.1
PA08 Soil C	<5	17	7	22	4	<0.5	48	<0.2	40	120	60	0.1
PA09 Soil C	<5	3	3	48	6	<0.5	66	<0.2	30	170	100	0.1
PA10 Soil C	<5	3	3	34	6	<0.5	52	<0.2	30	200	90	0.1
PA11 Soil C	<5	2	4	40	6	<0.5	64	<0.2	20	180	100	0.1
PA12 Soil C	<5	2	5	96	6	<0.5	100	<0.2	30	150	150	0.1
PA13 Soil C	<5	4	6	230	12	<0.5	170	<0.2	40	130	180	0.2
PA14 Soil C	<5	5	7	264	26	<0.5	190	<0.2	50	150	260	0.4
PA15 Soil C	<5	12	9	188	16	<0.5	180	<0.2	30	130	810	0.3
PB01 Soil C	<5	18	7	30	8	<0.5	60	<0.2	40	210	80	<0.1
PB02 Soil C	<5	3	6	30	6	<0.5	66	<0.2	30	150	80	<0.1
PB03 Soil C	<5	2	6	86	8	<0.5	110	<0.2	40	140	90	<0.1
PB04 Soil C	<5	6	6	40	8	<0.5	100	<0.2	40	140	80	<0.1
PB05 Soil C	<5	5	5	28	8	<0.5	78	<0.2	30	150	90	<0.1
PB06 Soil C	<5	5	16	96	6	<0.5	198	<0.2	40	140	100	0.1
PB07 Soil C	10	6	7	62	8	<0.5	150	<0.2	30	160	110	<0.1
PB08 Soil C	10	5	5	44	8	<0.5	130	<0.2	40	180	120	<0.1
PB09 Soil C	5	3	4	44	4	<0.5	116	<0.2	20	160	80	<0.1
PB10 Soil C	<5	4	4	46	10	<0.5	96	<0.2	30	160	120	0.1
PB11 Soil C	<5	5	4	74	8	<0.5	170	<0.2	30	170	100	<0.1
PB12 Soil C	<5	18	5	34	10	<0.5	68	<0.2	20	140	130	0.1
PB13 Soil C	<5	23	5	34	12	<0.5	50	<0.2	30	120	130	0.1
PB14 Soil C	<5	5	4	26	8	<0.5	146	0.8	40	150	120	0.2
PB15 Soil C	<5	6	4	38	14	<0.5	140	<0.2	30	160	160	0.2
PB16 Soil C	<5	4	4	42	12	<0.5	88	<0.2	30	150	150	0.2
PB17 Soil C	<5	12	4	72	6	<0.5	82	0.4	40	190	90	0.1
PB18 Soil C	<5	13	3	40	6	<0.5	52	0.6	50	160	80	<0.1
PB19 Soil C	<5	2	3	134	6	<0.5	180	0.4	60	130	110	<0.1
PB20 Soil C	<5	10	3	82	8	<0.5	190	0.2	40	140	90	<0.1
PC01 Soil C	<5	15	4	34	10	<0.5	250	0.4	120	220	270	0.8
PC02 Soil C	<5	19	4	42	12	<0.5	264	0.4	170	210	240	0.6
PC03 Soil C	<5	16	7	76	10	<0.5	520	0.6	150	170	240	0.8
PC04 Soil C	10	8	3	50	8	<0.5	160	1.0	190	180	520	1.6
PC05 Soil C	<5	12	4	52	8	<0.5	166	0.6	140	260	250	2.2
PC06 Soil C	<5	28	4	92	16	<0.5	600	0.6	70	230	180	0.4
PC07 Soil C	<5	12	4	56	10	<0.5	220	0.6	100	320	180	1.1
PC08 Soil C	<5	22	3	64	10	<0.5	252	0.6	130	230	150	0.9
PC09 Soil C	10	12	5	96	10	<0.5	500	0.4	120	260	270	2.6
PC10 Soil C	<5	23	7	48	18	<0.5	480	2.4	60	480	550	0.5
PC11 Soil C	<5	19	5	60	16	<0.5	160	1.0	60	450	500	0.5
PC12 Soil C	15	26	8	84	14	<0.5	280	2.2	80	300	440	0.4
PC13 Soil C	<5	28	12	18	8	<0.5	160	0.6	30	160	120	0.2
PC14 Soil C	<5	26	9	26	10	<0.5	236	1.0	40	190	150	0.2
PC15 Soil C	20	32	12	46	18	<0.5	300	2.6	50	530	440	0.2

Table 6 The Chemical Analysis of Trench Samples

Piren Hill (2)

Sample No.	Description	Au ppb	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Se ppm	Hg ppb	F ppm	Ba ppm	Tl ppm
PC16	Soil C	<5	19	9	38	12	<0.5	240	1.6	30	170	150	0.1
PC17	Soil C	<5	19	10	56	14	<0.5	170	0.6	40	170	180	0.2
PDD1	Soil C	<5	34	1	<2	20	<0.5	22	6.6	30	570	1500	1.1
PD02	Soil C	<5	38	2	2	20	<0.5	26	5.2	50	560	1000	1.0
PD03	Soil C	<5	28	3	2	18	<0.5	22	4.4	40	650	820	1.2
PD04	Soil C	<5	33	2	2	18	<0.5	34	6.0	30	850	300	2.2
PD05	Soil C	<5	32	3	12	18	<0.5	60	3.6	30	980	300	2.0
PD06	Soil C	<5	20	8	46	16	<0.5	210	1.8	40	740	530	0.6
PD07	Soil C	<5	14	15	42	18	<0.5	160	1.0	40	860	360	0.3
PD08	Soil C	<5	13	12	24	10	<0.5	210	1.0	30	250	140	0.3
PD09	Soil C	<5	12	12	36	10	<0.5	250	0.6	30	210	200	0.2
PD10	Soil C	<5	16	4	50	8	<0.5	172	0.8	30	190	90	0.1
PD11	Soil C	<5	2	3	24	2	<0.5	270	1.0	20	130	50	0.1
PD12	Soil C	<5	21	6	26	4	<0.5	112	0.2	30	160	80	0.2
PD13	Soil C	<5	15	4	48	6	<0.5	132	<0.2	30	150	80	0.1
PD14	Soil C	<5	12	4	134	4	<0.5	200	<0.2	20	140	60	<0.1
PD15	Soil C	<5	10	4	162	8	<0.5	200	0.2	30	120	120	0.2
PD16	Soil C	<5	2	4	24	6	<0.5	106	<0.2	30	130	70	0.1
PD17	Soil C	<5	<1	3	16	4	<0.5	126	<0.2	20	120	70	<0.1
PD18	Soil C	<5	7	3	60	10	<0.5	224	<0.2	30	110	110	0.1
PE01	Soil C	<5	32	3	4	16	<0.5	40	3.0	80	310	290	0.2
PE02	Soil C	<5	15	2	2	12	<0.5	24	3.8	60	340	420	0.3
PE03	Soil C	<5	44	1	6	14	<0.5	24	3.2	50	410	250	0.7
PE04	Soil C	<5	36	<1	14	14	<0.5	22	2.6	30	310	880	0.5
PE05	Soil C	<5	31	1	4	14	<0.5	34	2.2	20	310	730	0.5
PE06	Soil C	<5	26	<1	14	14	<0.5	120	3.0	40	390	580	0.8
PE07	Soil C	<5	34	2	18	14	<0.5	88	2.6	70	340	630	0.7
PE08	Soil C	15	30	2	18	14	<0.5	72	2.2	40	340	1100	0.3
PF01	Soil C	20	32	11	38	18	<0.5	400	6.6	190	280	200	0.3
PF02	Soil C	20	19	13	38	14	<0.5	296	3.8	180	160	170	0.4
PF03	Soil C	25	18	12	34	14	<0.5	348	4.4	100	130	170	0.5
PF04	Soil C	<5	11	8	24	10	<0.5	220	2.8	70	140	180	0.3
PF05	Soil C	25	12	17	88	12	<0.5	400	1.0	160	160	220	0.6
PF06	Soil C	20	12	12	52	14	<0.5	240	1.2	110	170	290	0.5
PF07	Soil C	<5	12	8	94	12	<0.5	380	1.6	100	140	200	0.5
PF08	Soil C	25	19	10	36	10	<0.5	176	1.0	130	140	160	0.3
PF09	Soil C	60	18	6	36	12	<0.5	230	2.4	220	180	170	0.3
PF10	Soil C	50	30	4	36	32	<0.5	78	0.6	310	230	200	0.3
PF11	Soil C	50	25	6	30	12	<0.5	112	1.8	300	120	190	0.1
PF12	Soil C	75	20	6	50	12	<0.5	380	2.6	290	120	300	0.2
PF13	Soil C	40	4	2	22	8	<0.5	62	0.4	180	130	120	0.4
PF14	Soil C	45	11	2	14	8	<0.5	30	0.2	170	130	100	0.3
PF15	Soil C	10	7	4	34	12	<0.5	110	1.2	100	140	180	0.6
PF16	Soil C	15	12	3	30	10	<0.5	74	1.0	140	140	190	0.4
PF17	Soil C	50	19	5	52	20	<0.5	216	2.8	240	230	920	0.3
PF18	Soil C	40	17	5	46	22	<0.5	186	0.8	130	270	2400	0.4
PF19	Soil C	30	13	4	38	16	<0.5	132	1.2	300	200	290	0.4
PF20	Soil C	20	10	2	32	8	<0.5	80	0.6	320	140	170	0.4
PF21	Soil C	30	10	4	18	10	0.5	76	1.8	190	120	320	0.2
PF22	Soil C	15	16	4	30	10	<0.5	250	1.6	120	130	180	0.4
PF23	Soil C	<5	19	6	120	8	1.0	324	0.6	120	80	160	0.5
PF24	Soil C	35	23	19	578	8	2.5	1000	0.8	260	70	310	2.3
PF25	Soil C	280	43	14	132	10	3.0	670	1.6	410	60	100	1.0
PF26	Soil C	140	28	12	250	12	2.0	1200	1.4	220	70	170	2.1

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m											
			718	<5	<0.2	32	12	87	<0.2	20	5
55m		Grey w arg andesite with py diss(little)	719	<5	<0.2	60	20	80	0.4	20	5
		57.70									
60m			720	<5	<0.2	36	14	110	0.2	20	2
			721	<5	<0.2	64	12	142	<0.2	20	2
65m			722	<5	<0.2	40	18	225	0.2	30	3
		Grey s arg rock with py diss (much)	723	<5	<0.2	44	11	76	0.4	40	4
70m		70.00:Montmorillonite & kaoline	724	<5	<0.2	55	8	148	0.2	40	2
		72.90									
75m		Grey w arg andesite with py diss(little)	725	<5	<0.2	46	10	52	0.2	30	3
		76.75									
80m			727	<5	<0.2	40	9	105	0.2	20	3
		Grey s arg rock with py diss	728	<5	<0.2	40	12	120	0.2	30	2
85m		84.75									
		Black mudstone	729	<5	<0.2	36	18	115	0.4	90	7
		87.00									
90m			730	<5	<0.2	37	29	51	0.4	30	3
			731	<5	<0.2	21	14	60	<0.2	20	3
95m		Grey m arg fine tuffaceous sandstone	732	<5	<0.2	28	18	56	<0.2	20	3
		96.50:Montmorillonite > kaoline	733	<5	<0.2	27	19	60	<0.2	20	5
100m		98.90									

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppb	ppm	
100m			734	<5	<0.2	18	6	35	<0.2	30	11
105m		Dark brown mudstone with calcite veinlets	735	<5	<0.2	19	4	35	<0.2	40	17
			736	<5	<0.2	17	6	34	0.2	30	9
110m			737	<5	<0.2	10	2	22	<0.2	30	6
115m		Grey s arg fine tuffaceous sandstone with py diss	738	<5	<0.2	16	3	30	0.2	40	9
			739	<5	<0.2	32	22	71	0.2	50	7
120m			740	<5	<0.2	36	18	46	0.6	30	14
			741	<5	<0.2	25	19	46	1.6	20	5
125m			742	<5	<0.2	20	4	23	0.2	30	6
			743	<5	<0.2	14	4	30	0.2	30	8
130m		Brown mudstone	744	<5	<0.2	16	12	46	0.2	20	3
			745	<5	<0.2	24	20	50	0.6	20	3
135m			746	<5	<0.2	30	12	50	0.6	30	6
			747	<5	<0.2	32	12	75	0.2	20	2
140m		Grey s arg fine tuffaceous sandstone with py diss	748	<5	<0.2	29	10	52	0.4	40	6
			749	<5	<0.2	14	5	25	0.6	60	17
145m		Brown mudstone	750	<5	<0.2	22	4	37	0.2	100	12

Depth	Lith.	Description	No.	0~50m							
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m			801	<5	<0.2	55	13	7	<0.2	60	<1
5m			802	<5	<0.2	37	13	5	0.4	30	<1
		7.00:Sericitic	803	<5	<0.2	20	24	5	<0.2	20	<1
10m		Reddish-brown m arg andesite with limonite along crack	804	<5	<0.2	22	31	4	0.2	20	<1
15m			805	<5	<0.2	29	68	5	0.8	50	2
		17.00	806	20	<0.2	44	17	5	0.4	140	1
20m			807	<5	<0.2	30	10	22	<0.2	50	2
		L.grey m arg andesite with py diss	808	<5	<0.2	26	16	60	<0.2	40	3
25m			809	<5	<0.2	24	11	10	<0.2	30	1
30m			810	<5	<0.2	24	17	14	<0.2	40	24
		31.00	811	<5	<0.2	25	15	23	<0.2	50	2
		L.grey s arg rock	812	<5	<0.2	24	9	32	<0.2	30	<1
35m		33.00:Sericitic	813	<5	<0.2	22	8	116	<0.2	30	1
		35.15	814	<5	<0.2	22	14	74	<0.2	40	<1
40m		L.grey m arg andesite with py diss (35.15~76.80:native sulpher)	815	<5	<0.2	37	15	120	<0.2	40	<1
45m			816	<5	<0.2	26	15	116	<0.2	50	<1
50m			817	<5	<0.2	25	10	86	<0.2	40	<1

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m											
			818	<5	<0.2	25	22	80	<0.2	70	3
55m			819	<5	<0.2	24	20	80	0.2	60	<1
			820	<5	<0.2	24	19	78	<0.2	40	<1
60m			821	<5	<0.2	25	24	60	<0.2	40	<1
			822	<5	<0.2	25	50	74	0.2	40	1
65m			823	<5	<0.2	24	28	52	<0.2	20	1
		L.grey m arg andesite with py diss	824	<5	<0.2	26	26	50	<0.2	30	<1
70m		59.00~72.80, 79.80~90.60 predominantly py diss	825	<5	<0.2	28	27	56	<0.2	40	<1
			826	<5	<0.2	23	22	62	<0.2	30	<1
75m			827	<5	<0.2	26	27	64	0.2	40	7
			828	<5	<0.2	24	25	60	0.2	40	<1
80m			829	<5	<0.2	24	21	66	0.6	30	1
		Sericite & kaoline	830	<5	<0.2	26	21	64	0.2	30	<1
90m		90.60 L.grey~white s arg rock with py diss & mud material	831	<5	<0.2	34	23	78	0.2	40	14
		94.00 Black mudstone	832	<5	<0.2	18	25	34	1.2	250	7
95m		with native S	833	<5	<0.2	21	22	88	0.2	90	7
		97.25 Grey m arg tuff									
100m		100.00									

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo	
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm	
100m		Montmorillonite & kaoline	834	<5	<0.2	20	24	62	<0.2	80	2	
105m		Alternation of stratified fine tuff and tuff with py diss(s arg)	835	<5	<0.2	22	26	78	<0.2	140	8	
			836	<5	<0.2	23	33	66	<0.2	70	14	
			107.80									
110m		L. grey m arg andesite with py diss & native S	837	<5	<0.2	20	24	48	<0.2	50	<1	
115m			838	<5	<0.2	18	20	58	<0.2	40	<1	
			839	<5	<0.2	18	20	50	<0.2	60	1	
			117.50									
120m		Black mudstone	840	<5	<0.2	15	11	34	1.6	190	10	
125m		Black s arg tuffaceous sandstone with py diss(much)	841	<5	<0.2	21	6	38	1.4	550	11	
			121.80									
			842	<5	<0.2	36	11	52	0.4	90	<1	
130m		Grey-green s arg conglomerate with py diss	843	<5	<0.2	32	11	42	1.0	50	<1	
			126.00									
			844	<5	<0.2	36	20	54	0.2	30	1	
135m		L. green m-w arg conglomerate with py diss	845	<5	<0.2	32	12	76	0.2	20	1	
			134.65									
			846	<5	<0.2	22	10	54	<0.2	20	1	
140m		L. green m-w arg conglomerate with py diss	847	<5	<0.2	6	17	65	4.0	10	<1	
			848	<5	<0.2	46	4	90	<0.2	10	1	
			145m									
150m		Grey s arg conglomerate with py diss	849	<5	<0.2	44	5	60	<0.2	10	<1	
			148.75									
			850	<5	<0.2	49	18	66	0.2	40	1	
			151.00									

Depth	Lith.	Description	No.	0~50m							
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m		Cream yellow m arg rock	901	<5	<0.2	10	22	20	0.4	20	2
5m		White~l.brown m~s sil rock (fine tuff)	902	<5	<0.2	6	25	7	0.2	40	4
10m		10.00:Alunite	903	<5	<0.2	15	54	17	1.2	170	5
15m			904	<5	<0.2	2	40	5	1.0	80	3
15m			905	<5	<0.2	1	18	2	0.2	30	2
15m			906	<5	<0.2	4	10	2	0.2	20	3
20m		L.grey & l.brown s arg rock	907	20	<0.2	2	5	2	0.2	30	2
25m			908	<5	<0.2	2	10	3	0.2	20	4
25m			909	10	<0.2	43	10	2	0.2	40	3
30m		L.grey m sil rock with limo and partially vs sil rock	910	<5	<0.2	28	9	2	0.4	80	2
30m		32.00:Alunite	911	<5	<0.2	4	12	3	0.2	50	2
35m			912	<5	<0.2	8	12	3	0.8	60	2
40m			913	<5	<0.2	2	16	5	0.8	100	2
40m		L.grey m~s arg rock with limonite	914	<5	<0.2	2	36	4	0.6	90	3
45m			915	<5	<0.2	2	12	3	1.0	240	4
45m			916	<5	<0.2	10	16	3	1.0	160	3
50m		L.grey & brawn sil tuff breccia	917	<5	<0.2	8	14	2	0.8	110	3


Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m	L.grey m sil fine tuff		918	<5	<0.2	56	24	4	1.4	140	5
55m			919	<5	<0.2	24	8	3	1.0	140	3
60m			920	<5	<0.2	70	6	3	0.6	440	3
62.30			921	5	<0.2	38	11	3	0.8	200	3
63.75			922	<5	<0.2	10	8	<1	0.4	100	1
65m			923	<5	<0.2	4	8	<1	0.2	40	<1
70m			924	<5	<0.2	4	10	<1	0.6	90	<1
75m			925	<5	<0.2	5	14	<1	0.8	110	1
76.00:Alunite			926	<5	<0.2	14	16	4	1.4	180	10
80m			927	<5	<0.2	6	12	2	0.4	130	3
85m			928	<5	<0.2	5	6	<1	0.6	180	1
86.90~87.00:tuff breccia			929	<5	0.7	96	12	74	2.2	200	30
90m			930	<5	<0.2	4	14	<1	1.0	130	6
95m		931	<5	<0.2	11	13	3	1.4	140	6	
95m		932	<5	<0.2	6	10	<1	1.2	120	4	
99.00		933	<5	<0.2	10	10	2	1.6	120	9	
100m											

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m			1001	35	<0.2	10	12	16	1.2	30	10
5m		L. brown m arg rock (soil, gravel)	1002	35	<0.2	20	13	6	0.6	30	17
			1003	110	<0.2	10	5	4	0.2	30	60
10m			1004	105	<0.2	16	8	4	0.4	20	50
14.00			1005	60	<0.2	26	7	10	0.2	30	20
15m			1006	15	<0.2	42	28	16	0.6	30	9
20m			1007	15	<0.2	60	17	18	0.8	40	10
25m		L. grey s arg rock with fine-grained py diss (partially m sil block)	1008	10	<0.2	50	36	20	0.8	40	10
			1009	15	<0.2	60	37	16	0.4	30	11
			1010	15	<0.2	44	25	14	1.4	30	9
30m			1011	10	<0.2	30	14	14	0.6	40	28
33.20			33-20								
35m		Limonitic m sil rock porous & limonie-rich	1012	20	<0.2	20	10	4	1.4	40	20
36.70			36-70								
			1013	15	<0.2	90	22	4	0.4	30	12
40m		40.00:Kaoline	1014	15	<0.2	20	20	16	0.4	40	20
		L. grey s arg rock (fine-grained tuff ?)									
		44.2~45 clay with py diss	1015	10	0.2	40	16	18	0.8	40	11
45m		limonitic									
46.30			1016	35	<0.2	26	22	4	0.6	40	16
50m		L. grey andesite with py diss (m arg & m sil)	1017	30	<0.2	12	9	8	0.2	30	14

Depth	Lith.	Description	No.	50~100m								
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm	
50m												
			1018	15	<0.2	14	6	16	0.2	30	13	
55m			54.45									
		Grey vs sil rck with limo along fracture	1019	25	<0.2	20	5	6	0.2	20	28	
			57.00									
			1020	30	<0.2	40	9	10	0.6	40	16	
60m												
			1021	35	<0.2	36	13	500	0.2	100	17	
65m		Fractured s arg rock with py diss	1022	40	<0.2	70	15	4	0.2	40	22	
			1023	45	<0.2	36	5	6	<0.2	30	25	
70m			1024	25	<0.2	6	2	6	0.2	30	35	
			73.00									
		Fractured m sil rock	1025	50	<0.2	16	4	4	0.6	20	52	
75m			75.30									
		Fine-grained m sil rock with py diss	1026	40	<0.2	34	8	10	0.2	40	25	
80m			80.40									
			1027	20	<0.2	18	6	6	0.2	30	30	
			1028	25	<0.2	6	2	6	<0.2	20	36	
85m		83.80:Kaoline										
		White-grey brecciated m sil rock with py diss	1029	30	<0.2	10	6	8	<0.2	20	34	
			88.00									
90m		little py	1030	15	<0.2	8	5	10	0.2	20	12	
			91.55									
		much py										
		Grey massive vs sil rock with py diss	1031	30	<0.2	40	11	10	1.0	30	9	
95m			95.45									
		Porous & brec.vs sil with limo	1032	155	10.5	28	58	12	740	310	77	
			96.50									
		Grey-brown massive vs sil rock with limo	1033	120	6.2	24	20	4	150	380	20	
100m												

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm	
100m	[Cross-hatched]	Reddish porous vs sil rock with limo	1034	85	5.4	18	8	4	45.0	300	20	
			102.45									
			1035	135	3.4	30	7	2	30.0	240	13	
			103.20									
105m	[Cross-hatched]	Cave	104.75									
			1036	165	5.5	26	8	2	29.0	250	18	
			108.15									
		Cave	108.80									
110m	[Cross-hatched]	Grey massive vs sil rock with limonite	1037	145	5.3	150	7	4	15.2	360	5	
				111.00								
			1038	190	2.3	70	17	4	14.6	180	10	
115m	[Cross-hatched]	Cave	1039	85	4.3	30	8	4	23.0	260	6	
				115.20								
			118.20									
120m	[Cross-hatched]	porous	1040	95	2.3	920	34	8	47.0	160	16	
				1041	340	8.2	2600	33	30	150	330	12
			123.60									
125m	[Cross-hatched]	Grey massive vs sil rock with py diss	1042	105	<0.2	164	50	4	3.0	70	9	
				125.00:Kaoline								
				1043	105	0.2	190	30	8	3.6	60	8
			128.70									
130m	[Cross-hatched]	porous	1044	75	5.9	1400	37	14	78.0	150	7	
				1045	160	2.2	1800	42	14	14.4	110	10
135m	[Cross-hatched]	L.grey massive rock with py diss	1046	420	1.7	3200	30	20	115	220	8	
				1047	40	8.2	3800	20	18	190	300	4
				140.30								
			1048	55	0.7	1200	23	10	18.2	110	4	
145m	[Cross-hatched]	L.grey brecciated s sil rock with py diss & partially arg zone	1049	95	2.3	5000	34	24	160	610	6	
				146.80								
			147.00:Alunite } kaoline									
150m	[Cross-hatched]		1050	85	0.3	1500	37	12	54.0	170	11	
			151.00									

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
0m			1101	20	<0.2	28	25	10	0.8	50	4
5m			1102	10	<0.2	54	13	6	0.2	40	2
			1103	<5	<0.2	40	11	6	<0.2	30	2
10m			1104	<5	<0.2	40	9	18	<0.2	20	<1
		White~reddish brown m arg andesite (porphyritic texture)	1105	<5	<0.2	30	9	14	<0.2	20	<1
15m			1106	55	0.6	64	32	10	1.8	50	20
			1107	30	<0.2	38	16	28	<0.2	30	3
20m			1108	5	<0.2	26	19	26	<0.2	20	1
			1109	10	<0.2	56	12	30	<0.2	40	2
25m			26.40								
		py diss	1110	30	<0.2	106	13	14	<0.2	40	2
30m		Grey s arg rock	1111	35	<0.2	60	17	18	0.6	40	4
			32.10								
35m		Grey m sil andesite with py diss	1112	5	0.2	60	11	10	<0.2	30	2
			1113	15	<0.2	110	20	8	0.2	30	3
40m			38.30								
		alunite & pyrophyllite	1114	45	<0.2	48	10	6	0.6	30	15
			42.75								
			1115	55	<0.2	166	18	8	1.0	30	13
45m		Grey massive vs sil rock with limonite	43.15								
		Alunite & pyrophyllite along fracture and in the druse	1116	45	<0.2	28	7	4	0.4	20	60
50m			1117	65	<0.2	10	8	4	0.2	20	38

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm	
50m			1118	45	<0.2	18	8	2	0.4	20	21	
55m		56.00:Pyrophyllite > diaspore	1119	60	<0.2	18	13	2	0.4	30	18	
60m			1120	45	<0.2	14	18	2	0.4	30	45	
			1121	60	<0.2	8	13	2	0.2	30	14	
65m			1122	40	<0.2	8	11	2	0.2	30	12	
			1123	40	<0.2	6	11	2	0.2	50	28	
70m			1124	40	<0.2	6	12	2	0.2	20	15	
		71.40:Alunite > pyrophyllite Grey massive vs sil rock with limonite	1125	45	<0.2	6	11	2	0.2	30	12	
75m			Alunite & pyrophyllite along fracture and in the druse	1126	70	<0.2	6	10	2	0.6	30	22
80m				1127	45	<0.2	6	14	2	<0.2	20	11
				1128	45	<0.2	10	12	2	<0.2	50	20
85m				1129	50	<0.2	16	9	2	<0.2	90	35
90m				1130	60	<0.2	8	17	2	<0.2	20	28
				1131	70	<0.2	8	17	4	<0.2	20	19
95m				1132	60	<0.2	8	13	4	<0.2	20	17
				1133	80	<0.2	8	11	2	<0.2	20	15
100m												

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
100m	[Cross-hatched pattern]	Limonitic arg rock	1134	65	<0.2	8	20	2	<0.2	20	19
105m			1135	40	<0.2	6	13	2	<0.2	30	20
			1136	55	<0.2	10	27	2	<0.2	20	18
110m	[Diagonal lines pattern]	Grey & white brecciated m sil rock	1137	55	<0.2	40	32	2	<0.2	20	29
115m	[Dotted pattern]	pyrophyllite & alunite	1138	45	<0.2	14	39	8	<0.2	20	27
			1139	60	<0.2	6	24	4	<0.2	20	18
120m	[Dotted pattern]	pyrophyllite	1140	50	<0.2	6	16	4	<0.2	20	16
			1141	45	<0.2	8	126	14	<0.2	10	14
125m	[Dotted pattern]	L.grey m-s arg rock with py diss (partially sil block)	1142	55	<0.2	6	140	36	<0.2	20	29
			1143	60	<0.2	4	172	18	<0.2	20	23
130m	[Dotted pattern]	L.grey m-s arg rock with py diss (partially sil block)	1144	90	<0.2	6	28	38	<0.2	20	26
			1145	80	<0.2	4	52	40	<0.2	20	39
135m	[Dotted pattern]	L.grey m-s arg rock with py diss (partially sil block)	1146	55	<0.2	12	40	16	<0.2	20	16
			1147	110	<0.2	12	26	40	0.6	20	26
140m	[Dotted pattern]	L.grey m-s arg rock with py diss (partially sil block)	1148	120	<0.2	38	18	14	0.4	20	26
			1149	100	<0.2	8	15	6	1.6	20	33
145m	[Dotted pattern]	L.grey m-s arg rock with py diss (partially sil block)	1150	90	<0.2	8	18	6	0.4	20	45
150m											

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m											
			1218	<5	<0.2	6	8	6	1.2	20	11
		53.70									
55m		Reddish grey m arg & m sil rock (partially s sil)	1219	<5	<0.2	8	7	4	0.6	20	3
		58.00									
60m		59.50: Alunite > pyrophyllite & halloysite	1220	55	<0.2	12	16	4	1.2	20	2
		Reddish grey s arg rock	1221	25	<0.2	5	10	5	0.8	20	3
65m			1222	<5	<0.2	5	5	7	0.6	20	8
		66.00									
70m		Geddish grey m arg & m sil rock with hem-limo along fracture	1224	<5	<0.2	215	13	8	<0.2	20	<1
			1225	5	<0.2	46	26	7	1.0	20	1
75m											
		75.00									
			1226	10	<0.2	10	3	6	0.4	20	7
80m			1227	15	<0.2	1	2	3	<0.2	20	1
			1228	5	<0.2	1	<1	2	<0.2	20	<1
		Reddish grey vs sil rock (porous)									
85m			1229	<5	<0.2	1	<1	1	<0.2	20	1
		82~91.30: brecciated part	1230	<5	<0.2	1	<1	2	<0.2	20	1
90m											
		91.30									
		Grey-red massive vs sil rock									
95m		94.60: Pyrophyllite > alunite & halloysite	1232	15	<0.2	3	7	6	1.8	20	16
			1233	30	<0.2	7	2	8	1.2	20	30
		98.90									
100m											

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
100m		Limonitic porous vs sil rock	1234	<5	<0.2	11	3	7	3.4	20	50
		101.50	101.50								
105m		Reddish grey m arg & m sil rock	1235	60	<0.2	12	7	7	6.2	20	48
		105.80	105.80								
		L.grey s sil rock with hem-limo	1236	820	<0.2	20	9	7	11.0	10	55
		107.15	107.15								
110m		Limonitic clay with sil block	1237	165	<0.2	42	10	12	9.8	10	70
		109.30	109.30								
		L.grey m arg & m sil rock with hem-limo	1238	70	<0.2	18	12	7	7.8	20	52
		112.15	112.15								
115m		L.grey s arg rock	1239	5	<0.2	2	6	5	2.2	10	14
		115.75	115.75								
120m		Reddish grey vs sil rock (porous/massive) with hem-limo	1240	<5	<0.2	30	6	4	3.0	60	14
			1241	<5	<0.2	8	18	12	5.4	20	27
125m			1242	5	<0.2	4	15	4	2.0	20	7
			1243	20	<0.2	12	25	4	1.8	20	8
		128.55	128.55								
130m		L.grey s arg rock with sil block & hem-limo	1244	110	<0.2	6	35	4	1.6	10	7
		130.25	130.25								
		Reddish grey vs sil rock with hem-limo(brecciated)	1245	10	<0.2	4	23	3	1.8	60	10
		134.20	134.20								
135m			1246	<5	<0.2	2	30	2	0.6	20	5
			137.80								
		L.grey s arg rock with sil block & hem-limo	1247	15	<0.2	1	20	3	0.4	20	2
			140.95								
140m			1248	10	<0.2	1	14	3	1.0	20	4
			144.70								
145m			1249	<5	<0.2	104	2	5	1.8	120	5
			148.00								
150m		Grey s arg rock with py diss 148.00:Kaoline > alunite & sericite	1250	<5	<0.2	140	7	13	0.8	70	3
		151.00	151.00								

Depth	Lith.	Description	No.	0~50m								
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm	
0m		Talus deposits (limo, clay & sil block)	1301	25	<0.2	2	23	5	0.4	20	13	
5m			3.95	1302	65	<0.2	88	12	70	0.2	10	12
			7.90	1303	175	<0.2	220	6	178	0.2	20	7
10m			10.50	1304	70	<0.2	1300	22	900	3.2	20	18
			1305	70	<0.2	154	15	116	1.2	10	15	
15m			1306	60	<0.2	32	18	20	1.0	10	11	
			18.35	1307	80	<0.2	190	11	110	1.0	10	18
20m			21.35	1308	60	<0.2	4	7	9	<0.2	20	2
			22.35	1309	45	<0.2	135	5	95	0.4	20	6
25m			27.55	1310	70	<0.2	250	7	150	0.8	20	10
			30.35	1311	55	<0.2	150	9	106	0.8	10	8
30m			32.80	1312	70	<0.2	32	18	32	1.0	20	7
			35.90	1313	50	<0.2	54	17	40	1.2	20	7
35m			39.95	1314	30	<0.2	6	30	4	0.4	20	2
			42.30	1315	60	<0.2	2	13	3	0.2	20	3
40m			44.70	1316	40	<0.2	4	43	4	2.0	20	95
			45.60	1317	45	<0.2	2	24	8	1.6	20	27
45m		Fractured s arg rock 40.80:Pyrophyllite > alunite & kaoline	1314	30	<0.2	6	30	4	0.4	20	2	
42.30		Grey & white m arg rock 44.70:Pyrophyllite > alunite & kaoline	1315	60	<0.2	2	13	3	0.2	20	3	
45m		Reddish fractured rock with limo	1316	40	<0.2	4	43	4	2.0	20	95	
50m		1317	45	<0.2	2	24	8	1.6	20	27		

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm		
100m	[Dotted pattern]	Reddish m arg & m sil rock with limo	1334	200	<0.2	3	115	4	7.0	10	95		
105m			1335	25	<0.2	3	67	3	1.8	10	33		
			1336	10	<0.2	3	38	3	1.6	10	43		
110m			1337	95	<0.2	5	23	9	1.0	10	47		
			1338	60	<0.2	3	28	5	1.2	10	72		
115m			1339	75	<0.2	3	35	5	1.0	10	32		
			117.80 ← Pyrophyllite > kaoline	1340	35	<0.2	3	24	5	1.8	10	78	
120m			[Dotted pattern]	L.grey fractured s arg rock with limo	1341	20	<0.2	4	17	6	0.4	20	17
					1342	40	<0.2	6	30	5	1.2	20	46
125m			[Cross-hatch pattern]	Grey vs sil rock with limo partially fractured & porous	125.80	1343	65	<0.2	4	87	3	0.6	20	30
	1344	60			<0.2	2	83	4	0.8	20	32		
130m	[Cross-hatch pattern]	Cave	132.75	1345	45	<0.2	2	10	4	0.4	10	5	
			135.20	1346	50	<0.2	1	35	4	0.2	20	6	
135m	[Cross-hatch pattern]	Grey vs sil rock with limo partially fractured & porous	1347	40	<0.2	1	15	3	0.2	10	3		
			1348	35	<0.2	1	24	3	0.2	20	3		
140m	[Cross-hatch pattern]	Grey vs sil rock with limo partially fractured & porous	142.90	1349	50	<0.2	1	16	4	0.6	10	6	
			146.80	1350	315	<0.2	1	30	4	0.4	20	9	
145m	[Cross-hatch pattern]	Grey vs sil rock with limo partially fractured & porous	149.50	1351	120	<0.2	1	58	3	1.4	10	120	
			151.00										

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m	[Dotted pattern]	Talus deposits (limo. clay & sil block)	1401	85	<0.2	6	6	6	0.2	20	2
5m			1402	180	<0.2	9	5	6	0.2	20	3
			6.10								
10m			1403	130	<0.2	48	3	26	0.2	20	3
			9.25								
15m			1404	95	<0.2	96	3	34	0.6	20	6
			13.30								
20m			1405	180	18.2	86	4	26	0.2	20	2
			16.50								
25m			1406	110	0.4	24	3	16	0.4	20	4
			20.00								
30m			1407	145	<0.2	4	2	4	0.2	20	2
			22.70								
35m			1408	195	10.5	126	6	80	0.4	20	3
	25.75										
40m	1409	90	5.3	44	5	18	0.8	20	4		
	27.00										
45m	1410	95	<0.2	4	5	4	0.4	10	8		
	31.05										
50m	1411	170	0.8	104	7	80	1.2	10	8		
	33.15										
55m	1412	145	<0.2	6	93	8	2.4	20	17		
	34.90										
60m	1413	110	0.3	96	12	56	0.8	20	9		
	38.00										
65m	1414	220	<0.2	8	32	6	1.2	20	4		
	41.55										
70m	1415	200	9.6	56	48	26	0.8	20	41		
	44.00										
75m	1416	155	0.7	10	10	8	3.2	20	12		
	47.00										
80m	1417	260	<0.2	6	40	4	2.6	20	38		
	49.95										

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m		Cave	50.95								
			1418	105	<0.2	6	22	2	0.4	20	2
55m		Grey & white s~m arg rock partially sil block	1419	205	<0.2	6	24	2	1.8	20	20
		57.30:Alunite > kaoline	1420	240	<0.2	4	39	2	1.8	20	7
60m		61.20:Alunite & pyrophyllite > kaoline	1421	90	<0.2	4	22	2	1.0	20	4
		Cave	62.35								
65m			63.95								
			1422	85	<0.2	4	41	2	1.4	20	19
			1423	75	<0.2	26	29	14	4.0	10	10
70m			1424	220	<0.2	4	28	2	2.0	10	7
			1425	35	<0.2	4	12	2	0.4	10	5
75m		L.grey fractured s~m arg rock with limo partially sil block	1426	800	<0.2	2	28	2	0.8	10	8
			77.40								
80m			1427	180	<0.2	2	18	2	2.4	5	28
			81.20								
			1428	90	<0.2	2	23	2	1.0	10	30
			84.40								
85m			1429	360	<0.2	2	72	2	1.6	10	30
			1430	95	<0.2	4	35	2	1.6	10	38
90m			90.50								
			1431	25	<0.2	4	14	2	1.0	10	26
			94.40								
95m			1432	15	<0.2	6	27	2	3.6	10	58
			1433	200	<0.2	4	23	2	1.0	10	10
100m			99.20								

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
100m	X	L.grey fractured vs sil rock	1434	15	<0.2	2	2	2	<0.2	10	1
105m			1435	25	<0.2	2	2	2	<0.2	20	<1
			1436	20	<0.2	2	2	2	<0.2	10	<1
110m	▲	Fractured rock with limo & clay	1437	90	<0.2	4	33	2	1.6	10	11
			1438	80	<0.2	4	26	2	0.6	10	3
115m			1439	40	<0.2	2	29	2	0.8	10	10
			1440	25	<0.2	2	4	2	<0.2	10	1
120m			1441	20	<0.2	2	24	2	0.4	10	6
125m	X	L.grey fractured vs sil rock	1442	15	<0.2	2	2	2	<0.2	10	<1
			1443	15	<0.2	2	14	2	<0.2	10	<1
130m			1444	20	<0.2	2	6	2	<0.2	10	1
			1445	25	<0.2	2	50	2	0.8	20	19
135m			1446	35	<0.2	2	21	2	0.8	10	8
140m			1447	50	<0.2	2	24	2	1.2	5	9
			1448	100	<0.2	2	31	2	3.6	10	15
145m		1449	30	<0.2	2	3	4	0.2	10	<1	
150m		1450	50	<0.2	2	16	2	<0.2	10	<1	

Depth	Lith.	Description	Frequency of qz veinlets	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m		Regolith(Reddish brown soil)		1501	10	<0.2	194	41	300	60.0	940	25
1.50		Meta-volcanics		1502	<5	<0.2	440	20	460	25.0	4400	60
4.90		Limonitic altered rock with qz-veinlets(Mo,Py)		1503	<5	<0.2	235	30	280	22.0	3800	43
7.85		ditto(Not qz veinlets)		1504	30	0.5	2400	40	720	57.0	6700	136
10.50		Meta-volcanics		1505	<5	<0.2	166	19	290	19.8	790	70
14.50		Altered rock with qz-veinlets		1506	<5	<0.2	170	19	230	27.0	1500	105
16.25		Meta-volcanics		1507	<5	<0.2	166	25	235	29.0	1300	85
23.00		Altered rock with qz.veinlets		1508	5	<0.2	290	21	530	36.0	1800	67
23.60		Meta-volcanics		1509	5	<0.2	194	18	188	31.0	5300	85
29.80		Brecciated rock		1510	<5	<0.2	160	25	260	22.0	1200	116
32.00		+Qz vein(wd:30cm)		1511	<5	0.2	66	64	320	18.2	2500	90
33.80~34.05		limonite-MnO		1512	<5	<0.2	62	14	153	12.6	830	95
44.20		Kaoline > sericite		1513	<5	<0.2	46	10	133	8.2	1500	66
49.40		Limonitic rock		1514	<5	<0.2	20	2	102	4.6	680	32
				1515	<5	<0.2	32	2	38	3.6	1700	100
				1516	<5	<0.2	72	4	50	13.0	3600	85
				1517	<5	<0.2	42	4	56	11.6	1200	60

Depth	Lith.	Description	Frequency of qz veinlets	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
					ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
50m		50.90		50.90								
		51.70~52.10: fault clay		1518	<5	<0.2	60	6	60	17.6	880	50
		52.70: Kaoline & sericite										
55m				1519	<5	<0.2	18	5	58	10.0	130	44
				1520	<5	<0.2	36	5	36	11.0	250	18
60m				1521	<5	<0.2	32	7	70	14.4	230	27
		Oxide zone										
65m				1522	<5	<0.2	22	6	42	11.0	820	25
		66.00										
		68.50: Kaoline & sericite		1523	<5	<0.2	28	12	38	8.8	1500	45
70m		Silicified rock with qz veinlets		1524	<5	<0.2	26	4	40	9.8	1200	75
				1525	<5	<0.2	18	4	35	8.4	480	15
75m		74.90		74.90								
				1526	<5	<0.2	60	2	40	8.0	1300	35
80m				1527	<5	<0.2	26	3	30	7.0	1300	40
				1528	<5	<0.2	28	4	35	10.4	590	28
85m				1529	<5	<0.2	28	4	28	6.2	1000	36
		White~l.brown altered rock with qz-veinlets (Mo,Py)		1530	<5	<0.2	42	30	38	12.0	1600	10
90m				1531	<5	<0.2	22	4	29	5.0	3000	33
			93.30	93.30								
95m				1532	<5	<0.2	12	4	54	6.6	1400	27
			97.70	1533	<5	<0.2	5	4	38	3.2	680	55
100m												

Depth	Lith.	Description	Frequency of qz veinlets	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo
					ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm
100m	[Cross-hatched pattern]	White altered rock with qz-veinlets(Mo,Py)		1534	<5	<0.2	14	6	42	4.2	1800	31
105m				1535	<5	<0.2	36	8	38	5.6	4400	320
				1536	<5	<0.2	54	9	36	13.0	5800	105
				1537	<5	<0.2	56	18	82	20.0	390	70
110m	[Dotted pattern]	Limonitic fractured rock		110.20								
115m	[Cross-hatched pattern]	White altered rock with qz-veinlets(Mo,Py)		1538	<5	<0.2	675	18	230	100.0	3400	235
				112.20								
120m	[Cross-hatched pattern]	White altered rock with qz-veinlets(Mo,Py)		1539	<5	<0.2	62	5	48	14.8	8200	100
				1540	<5	<0.2	86	22	92	18.6	4700	18
				1541	<5	<0.2	32	13	62	12.0	2300	45
				1542	<5	<0.2	60	24	46	13.2	6100	70
125m	[Cross-hatched pattern]			1543	<5	<0.2	28	31	88	13.4	190	11
				129.70								
130m	[Horizontal lines pattern]	Qz-vein block		1544	<5	<0.2	52	33	78	13.0	5100	86
				130.80								
135m	[Cross-hatched pattern]	L.grey m arg rock with qz-veinlets		1545	<5	<0.2	44	59	620	7.6	6800	110
				134.95								
				1546	<5	<0.2	36	52	500	7.6	3500	130
140m	[Cross-hatched pattern]	Grey altered rock with qz-veinlets(Mo,Py)		1547	<5	<0.2	24	82	890	4.6	3000	76
				1548	<5	<0.2	38	125	1500	7.6	5000	56
145m	[Cross-hatched pattern]			1549	<5	<0.2	60	41	115	10.6	4100	80
				1550	<5	<0.2	22	16	120	3.0	2000	55
150m	[Cross-hatched pattern]			149.00:Kaoline & sericite								

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
0m	○	Reddish soil with sil block	1601	20	2.5	44	280	28	97.0	3100	7
			2.80								
5m	⊗	Limonic vs sil rock	1602	640	1.8	52	250	21	83.0	9600	15
			8.25								
			9.10								
10m	○	Reddish soil with sil block	1603	1080	1.6	90	400	22	125.0	8800	18
			13.80								
			15.20								
15m	⊗	Limonic vs sil rock	1604	575	1.4	54	220	12	87.0	8100	9
			16.65								
			17.10: Montmorillonite > kaoline								
20m	▽	Grey m arg andesite	1605	295	0.9	79	510	32	53.0	5500	7
			1606	5	<0.2	28	22	230	3.2	230	2
			1607	310	1.1	85	310	42	77.0	4600	15
25m	▽	Grey~purple w arg andesite with py diss	1608	10	<0.2	64	15	110	3.4	180	3
			1609	5	0.2	22	6	115	0.8	150	1
30m	▽	Grey~purple w arg andesite with py diss	1610	<5	0.3	42	14	80	6.0	220	3
			1611	55	0.3	32	30	45	8.4	700	2
35m	▽	Grey~purple w arg andesite with py diss	1612	<5	0.3	42	20	82	2.2	270	3
			1613	<5	<0.2	40	8	33	0.6	150	1
40m	▽	L. grey~chocolate w~m arg andesite	1614	<5	<0.2	28	10	37	1.0	210	<1
			1615	<5	<0.2	22	6	39	1.0	150	<1
45m	▽	L. grey~chocolate w~m arg andesite	1616	5	<0.2	24	12	45	2.4	410	<1
50m	▽	L. grey~chocolate w~m arg andesite	1617	35	0.3	27	24	57	6.6	880	2

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50~100m

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
50m			1618	<5	<0.2	22	8	38	0.8	240	<1
55m			1619	<5	<0.2	27	8	38	0.6	150	<1
			1620	<5	<0.2	26	10	44	0.4	150	<1
60m			1621	<5	<0.2	25	6	76	0.4	60	<1
		← 64.00: Montmorillonite } sericite	1622	<5	<0.2	25	4	70	0.6	260	<1
65m		L. grey~chocolate w~m arg andesite	1623	<5	<0.2	16	4	41	0.4	630	<1
70m			1624	<5	<0.2	20	4	74	0.4	200	<1
			1625	<5	<0.2	28	4	136	0.4	250	<1
75m			1626	<5	0.2	28	6	110	0.4	80	<1
			1627	<5	0.2	30	12	90	0.4	70	<1
80m			1628	<5	<0.2	24	18	86	0.6	60	<1
		← 83.50: Montmorillonite & kaoline	1629	<5	<0.2	25	7	148	1.0	30	1
85m		85.80	1630	<5	<0.2	32	4	125	0.6	30	<1
90m		Dark grey~purple massive andesite	1631	<5	<0.2	33	6	104	2.2	20	1
			1632	<5	0.2	35	4	102	2.0	40	1
95m		95.70	1633	<5	<0.2	29	16	173	2.8	140	1
100m		Grey~green auto-brecciated andesite									

Depth	Lith.	Description	No.	Au	Ag	Cu	Pb	Zn	Sb	Hg	Mo	
				ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppm	
50m	[Dotted pattern]	Grey m arg & w sil andesite with py diss(much) partly m arg brecciated rock with calcite veinlets	1718	<5	<0.2	44	22	345	1.2	30	1	
55m			1719	<5	<0.2	46	15	155	0.6	30	1	
60m			1720	<5	<0.2	35	72	88	0.6	120	<1	
			1721	<5	<0.2	34	24	120	0.2	210	1	
65m			1722	<5	<0.2	33	16	48	0.2	100	<1	
			1723	<5	<0.2	32	30	29	0.2	180	<1	
70m			70.00:Kaoline 70~70.40:py vein(wd:1cm) 77:py vein(wd:1cm)	1724	<5	<0.2	38	100	105	0.4	430	1
			1725	<5	<0.2	40	530	48	1.0	320	1	
75m				1726	<5	<0.2	24	400	32	1.0	260	1
80m			78.90 Cream yellow w arg andesite (mont)	1727	<5	<0.2	33	88	169	0.6	140	1
			82.60	1728	<5	<0.2	34	18	36	0.6	110	<1
85m			L.grey w sil & w arg andesite with py diss	1729	<5	<0.2	38	132	210	0.8	210	<1
			86.40	1730	<5	<0.2	38	6	108	0.6	30	2
90m			L.green andesite with epidote-chlorite	1731	<5	<0.2	31	152	87	1.4	150	1
			91.40	1732	<5	<0.2	28	80	35	1.6	100	1
95m	L.grey w sil & w arg andesite with py diss	1733	<5	<0.2	22	380	114	2.2	300	4		
	96.50:Kaoline & alunite											
100m	99.60											

Depth	Lith.	Description	No.	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sb ppm	Hg ppb	Mo ppm
100m		L.grey andesite with epidote-chlorite	1734	<5	<0.2	30	18	218	1.0	110	1
			1735	<5	<0.2	26	10	125	0.6	70	1
105m	105.00		1736	<5	<0.2	29	15	97	0.4	20	1
			1737	<5	<0.2	33	1	94	0.6	20	1
110m			1738	<5	<0.2	38	3	82	0.8	10	5
			1739	<5	<0.2	32	8	92	0.6	20	1
115m		Dark grey compact andesite	1740	<5	<0.2	30	2	100	2.0	10	2
			1741	<5	<0.2	36	2	140	0.6	10	2
120m			1742	<5	<0.2	32	1	145	0.6	20	3
			1743	<5	0.4	30	2	145	0.6	20	1
125m			1744	<5	0.4	32	8	95	0.4	30	1
	129.90	131.50~138.5:Reddish brown clay	1745	<5	0.4	41	9	65	0.8	30	1
130m			1746	<5	0.2	60	16	62	1.0	50	1
		Cream yellow s arg rock (mont)	1747	<5	0.2	30	15	46	0.6	30	1
135m			1748	<5	0.2	20	20	65	0.6	30	<1
		142.50:Montmorillonite & kaoline	1749	<5	0.2	28	10	57	0.2	10	<1
140m			1750	<5	0.3	24	12	100	0.4	30	<1
	145.45	Cream yellow w arg biotite andesite									
145m											
150m	151.00										

