Part Ⅲ

Conclusion and Recommendation

PART Ⅲ CONCLUSION AND RECOMMENDATION

Chapter 1 Conclusion

The survey was composed of existing documents analysis, geological survey(including geochemical survey) and geophysical syrvey(gravity and IP methods). Conclusion from these surveys is shown in Fig. 7－1 and described as follows,

1. Geology

Geology of the survey area are composed of Çatak, Kızıkaya and Çağlayan formations, and intrusive rocks in ascending order which seem to be formed in late Cretaceous to Palaeocene. Çatak formation is comprised of andesite lava and its pyroclastic rocks with small amount of muddy rocks. Kızıkaya and Çağlayan formations are mainly comprised of dacite lava and its pyroclastic rocks, and rock facies of these two formations are very resemble to each other, but muddy rocks are usually intervened between these two formations. Hematite dacite and biotite dacite intruded into the above mentioned three formations.

2. Geological Structure

Raised zones in southern to western part where Çatak formation deposited and subduction zones in central to northern part where Kızıkaya and Çağlayan formations deposited were confirmed.

Dacite of Kızıkaya formation extruded in subduction zones of central part controlled by north－east and north－western fractures in Çatak formation. As lapse of time, centers of volcanic activities were shifted from south to north, and dacite of Çağlayan formation extruded in northern part under control of north－northwest, north－east and east－western fractures.

3. Analysis of Gravity

On short wave gravity map, high gravity zones in southern part, low gravity zones in central and northern parts, and high gravity zones aligned north－southwardly in this low gravity zones were recognized. Çatak formation that developes widely in southern to western part of the survey area seems to correspond well to high gravity zones, and low gravity zones in north－eastern and north－western areas of central part were concluded to be subduction zones controlled by geological structure of Çatak formationdeveloping in southern part. Massive sulfide ore deposits such as Lahanos and killik ore deposits were considered to develope around gradual boundary zones between low and high gravity zones in central part. Kızıkaya formation existing around this low gravity zones shows regional and neutral acidity argillization.

4. Ore Deposits

In this survey area, two types of ore deposits were recognized, one is massive sulfide ore deposits and the other is disseminated to networked ore deposits. Massive sulfide ore deposits such as Lahanos and Killik ore deposits, were contained conformably in uppermost members of Kızıkaya formation Disseminated to networked ore deposits such as Kartlar and Karaerik ore deposits were contained in Çağlayan formation.

Ore minerals of massive sulfide ore deposits were composed of pyrite, chalcopyrite and sphalerite as main components, and galena, tetrahedrite, gold minerals and silver minerals as accessory components. In disseminated to networked ore deposits, pyrite was a main mineral, and chalcopyrite and sphalerite were accessory minerals. Scale and ore grade of massive sulfide ore deposits seemd to be much better than those of disseminated to networked ore deposits.

5. Alteration

Neutral to acidic alterations were observed besides neutral to alkaline regional alteration.

Strongly altered zones around Lahanos ore deposits showed white and acidic alteration products such as quartz, kaolinite, alunite and pyrite. Around other massive sulfide ore deposits such as Killik and Kızıkaya ore deposits, strongly altered zones composed of neutral acidity alteration products such as quartz, sericite and pyrite were formed showing white in color.

White~reddish brown strongly altered zones composed of acidic to neutral acidity alteration products such as quartz, sericite and hematite were formed around disseminated to networked ore deposits.

6. Geochemical Survey

Analytical data from rock and soil samples were analized statistically by principal components analysis that is one of multi variables analysis. Consequently second principal component from analysis of rock samples showed high positive correlation with Au, Ag, Cu, Pb, Zn, As, Sb, Fe and Mo, and contents of these elements were higher than those of worldwide backgroud values. Then 2nd component was thought to suggest the influence of mineralization. High scored areas of 2nd component developed around massive sulfide ore deposits such as Lahanos ore deposits and around disseminated to networked ore deposits such as Karaerik ore deposits, and they corresponded very well to mineralized zones around known ore deposits and kown altered zones.

First principal component from analysis of soil samples had high positive correlation with Au, Ag, Cu, Pb, Zn, As, Sb, Mn, Mo and Ba, and second component showed high positive correlation with Cu, Fe and Mn. High scored areas of 1st component developed around massive sulfide ore deposits such as Lahanos and Killik North ore deposits, then it was concluded to suggest the influence of mineralization from massive sulfide ore deposition. High scored areas of 2nd component developed around mineralized zones in Çağlayan formation, therefore it was concluded to be anomalies derived from disseminated to networked ore deposition.

7. IP Anomaly

IP survey was performed in two areas, that is, one is area between Lahanos and Killik ore deposits and the other is area between Çalkaya and Taflançık. According to geological survey, Kızıkaya formationcontaining massive sulfide ore deposits was covered by Çağlayan formation in these two areas, and mineralization and alteration were observed in both formations.

In these two areas, strong IP anomalous zones showing over 6mV/V chargeability and weak IP anomalous zones showing 4~6mV/V chargeability were recognized widely. These IP anomalous zones developed around boundary zones between Kızıkaya and Çağlayan formations, and in Kızıkaya conformably, then they were interpreted to be influenced by massive sulfide ore deposition. On the contrary, low resistivity zones developed mainly around IP anomalous zones, but some of them were observed to have attained to surface. Then low resistivity zones reaching to surface were considered to be influenced by disseminated mineralization and argillization in Çağlayan formation.

8. New Hopeful Areas for Exploration

New hopeful areas were selected as follows, after comparison of geology, geochemistry and geophysics with those of known ore deposits.

(1)Area between Lahanos and Killik Ore Deposits

In this area, Kızıkaya formation containing massive sulfide ore deposits such as Lahanos and Killik ore deposits was covered by Çağlayan formation. In Bitene area south of Lahanos ore deposits, ore showings composed of pyrite ore were observed. In Kızıkaya formation of this area, acidic alteration zone composed of kaolinite were formed as well as case of Lahanos ore deposits, and high concentrated zones of Au, Ag, Cu, Pb, Zn, As and Sb were also observed. IP anomalous zones also developed widely, but their electrode intervals seemed not to be sufficient. In Çağlayan formation, disseminated pyrite and neutral alteration zones could be observed.

(2)Area between Killik and Kepçelik Ore Deposits

Kızıkaya formation containing massive sulfide ore deposits was covered by Çağlayan formation in this area. Neutral alteration zones composed of sericite as well as Killik ore deposits were formed in Kızıkaya formation. In Çağlayan formation too, ore showings mainly composed of disseminated pyrite and neutral alteration zones composed of sericite were formed. Geochemical anomalous zones containing high amounts of Au, Ag, Cu, Pb, Zn, As and Sb developed in Kızıkaya formation. Geochemical survey by soil samples and IP survey were not performed yet.

(3)Area between Çalkaya and Taflançık

Kızıkaya formation was covered by Çağlayan formation. Acidic to neutral alteration zones including kaolinite and sericite were formed in Kızıkaya formation.

Ore showings mainly composed of disseminated pyrite and neutral alteration zones composed of sericite were formed in some parts of Çağlayan formation. High concentrated zones of Au, Ag, Cu, Pb, Zn, As and Sb were also formed in Kızıkaya formation. IP anomalies were also detected, but their electrode intervals seemed not to be sufficient. Geochemical survey by soil samples was not carried out here.

(4)Area between Çımakli and Karacrik Ore Deposits

Kızıkaya formation was covered by Çağlayan formation. Neutral alteration zones including sericite were formed in Kızıkaya formation. Disseminated ore deposits mainly composed of pyrite such as Karılar ore deposits and neutral alteration zones including sericite were formed in Çağlayan formation. Geochemically anomalous zones with high contents of Au, Ag, Cu, Pb, Zn, As and Sb were confirmed in both Kızıkaya and Çağlayan formations. Geochemical survey by soil samples and IP survey were not performed yet.

(5)Dikence Area

Kızıkaya formation was not exposed in this area and was covered by Çağlayan formation. In Çağlayan formation, disseminated ore deposits mainly composed of pyrite and neutral alteration zones including sericite were formed. High concentrated zones of Au, Ag, Cu, Pb, Zn, As and Sb were confirmed in Çağlayan formation. Geochemical survey and IP survey were not conducted yet.

Chapter 2 Proposal to Second Year's Program

After discussing geology, ore showings and alteration, gravity distribution, geochemical and IP anomalies resulted from this year's survey, five new hopeful areas are selected as mentioned below and the following works were proposed for next year's program.

(1)Area between Lahanos and Killik ore deposits
(2)Area between Killik and Kepçelik ore deposits
(3)Area between Çalkaya and Taflançık
(4)Area between Çımakli and Karaerik ore deposits
(5)Dikence area

(1)Area between Lahanos and Killik Ore Deposits

Drilling works are proposed in IP anomalous zones. Where electrode intervals were not sufficient in first year's IP survey and main target positions for drilling works were not decided, supplementary IP survey will be performed.

(2)Area between Killik and Kepçelik Ore Deposits

After geochemical survey by rock samples and survey for altered zones, parts of ore showings were detected. Then detailed geochemical survey by soil samples and IP survey will be necessary to delineate details of ore showings detected in first year's survey.

(3)Area between Çalkaya and Taflançık

Drilling works are proposed in the ore showings which were detected by first year's survey, that is, geochemical survey by rock samples, survey for altered zones and IP survey. Detailed geochemical survey by soil samples and geophysical survey are requested to plan another drilling works. IP survey and electro-magnetic survey should be carried out simultaneously in geophysical survey, because Çağlayan formation covers Kızıkaya formation in this area with 200～300m thickness.

(4)Area between Çımakli and Karaerik Ore Deposits

Detailed geochemical survey by soil samples and geophysical survey are proposed to clarify details of ore showings, because position of ore showings were detected roughly by first year's survey, that is, geochemical survey by rock samples and survey for altered zones. In this area too, IP and electro-magnetic surveys should be carried out simultaneously, because Kızıkaya formation containing massive sulfide ore deposits was covered by Çağlayan formation with 300m thickness.

(5)Dikence Area

Detailed geochemical survey by soil samples and geophysical survey are proposed to clarify details of ore showings, because position of ore showings were detected roughly bu first year's survey, that is, geochemical survey by rock samples and survey for altered zones. IP and electro-magnetic surveys should be performed simultaneously, because Kızıkaya formation containing massive sulfide ore deposits is covered Çağlayan formation with around 300m thickness.

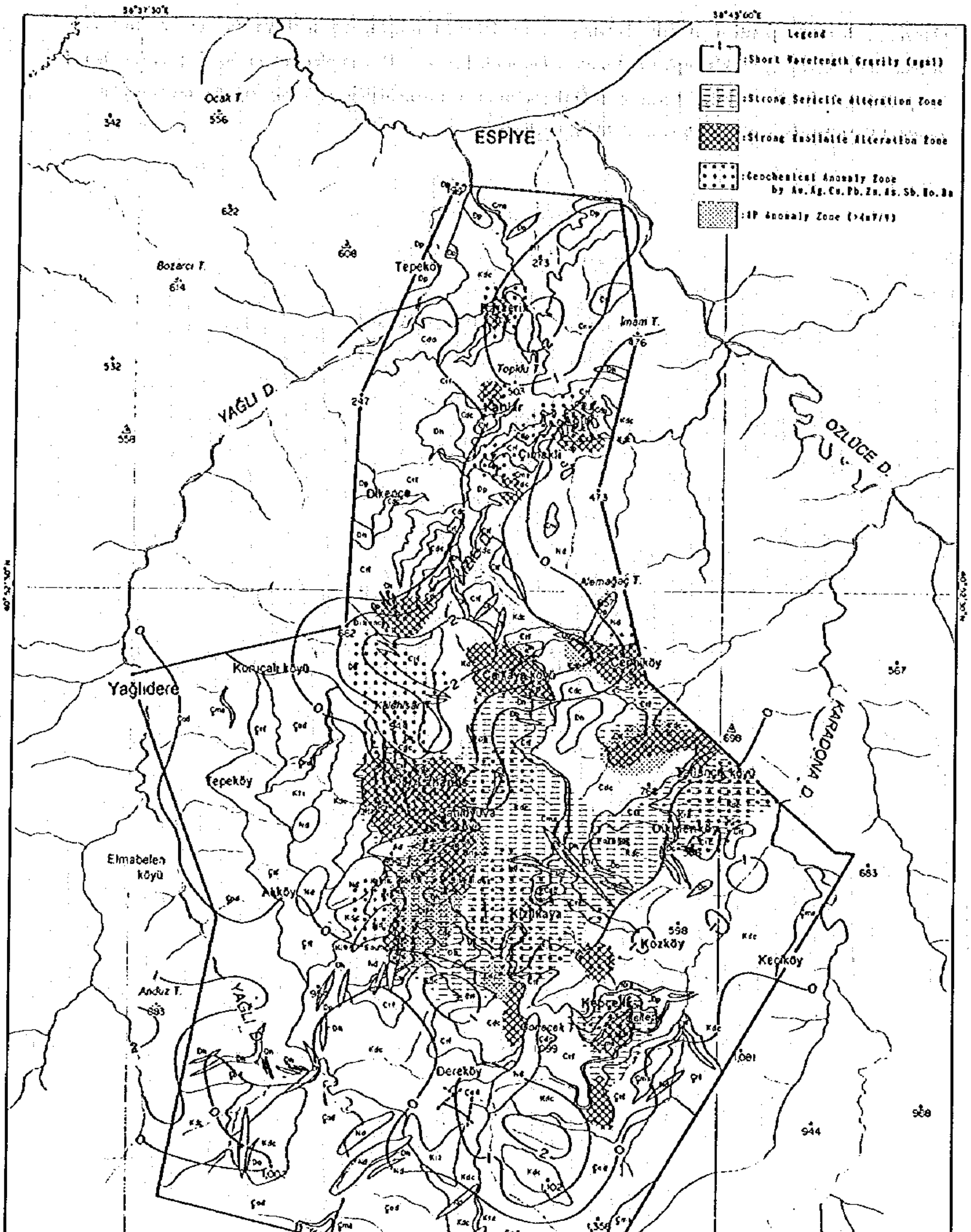

Fig. 7－1 Integrated Analysis Map

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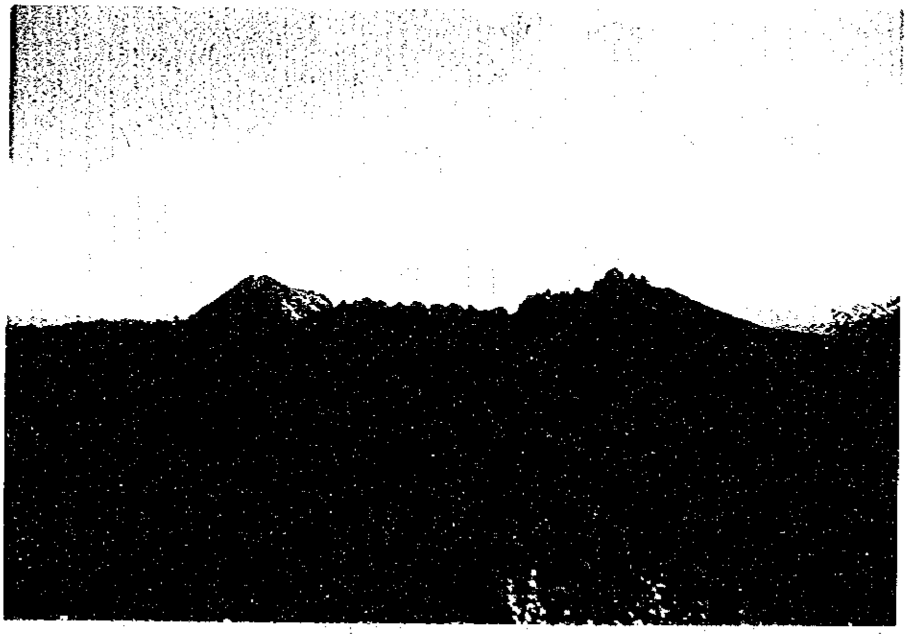
Apendices

A-1 Photographs of the Survey Area

Lahanos Mine



Kızılkaya Mine

A-2 X-ray Analysis Data

Sample	Rock	Q	Cr	Tr	Pl	Ab	Kf	Ha	M	S/M	Ch/M	S	Ch	K	D	P	Al	Ca	Do	Sd	Ep	Cp	Md	St	L	An	F	Sp	Gn	Py	Hm	Go	Ba	Ah	Bio	C	At
HM-012	Ctf	57				22				6				8																							
HM-014	Kdc	49								8				4						8																	
HM-016	Ctf	21			38				37									7																			
HM-019	Cdp	37			5		25																														
HM-021	Cdc	20			29				12														16														
HM-025	Ctf	28			48				57																												
HM-027	Kdc	36				37						7		6					23											4							
HM-032	Ctf	48												30																							
HM-041	Kdc	47										8							49																		
HM-042	Kdc	28				62						6		8					29	8										4							
HM-044	Kdc	68										15		3																							
HM-045	Kdc	27				44						7		14																							
HM-050	Kdc	88										16																									
HM-052	Kdc	32			93							7	20																								
HM-063	Cdc	63				6				8																											
HM-065	Ctf	40				66			8			8																									
HM-067	Ctf	58				9			10			7	3																								
HM-072	Ctf	59				10				8				4																							
HM-076	Ctf	62										19																									
HM-081	Ctf	62							13			15																									
HM-086	Kdc	42				22						12	9																								
HM-087	Kdc	54				35						10	5																								
HM-088	Kdc	75										14																		3							
HM-094	Kdc	61				62						7		11																							
HM-095	Kdc	37				100								17						18																	
HM-096	Kdc	68				26					10																										
HM-097	Ctf	4				51							35																								
HM-099	Ctf	71				58						6	13																								
HM-100	Ctf	55				78						5	10																								
HM-101	Cdc	100										17	15																								
HM-106	Cdc	82										23		20						12																	
HM-108	Cdc	57										16	15																								
HM-113	Dh	25										14		6																							
HM-115	Ctf	47	5			59				9																											
HM-118	Ctf	37	9							17																											
HM-119	Ctf	64	8			19				10																											
HM-120	Ctf	27										16	10																								
HM-124	Ctf	14	44		17				41																												
HM-128	Ctf	18	14		14				64																						6						
HM-134	Ctf	30	62						38					14																							
HM-138	Ctf	41												27				12	26																		
HM-140	Ctf	12	20						55																												
HM-142	Ctf	10			49				56																												
HM-143	Ctf	51			16		21			5																											
HM-147	Ctf	35				39			16			7	11																								
HM-151	Kdc	46				28						11	26																								
HM-154	Kdc	77										37																									
HM-156	Kdc	60										23																									
HM-157	Kdc	8				30						12	32																	7							
HM-158	Kdc	61				57						9	10																								
HM-165	Kdc	61				50						5	11																								

Sample	Rock	Q	Cr	Tr	Pl	Ab	Kf	Ha	M	S/M	Ch/M	S	Ch	K	D	P	Al	Ca	Do	Sd	Ep	Cp	Md	St	L	An	F	Sp	Gn	Py	Hm	Go	Ba	Ah	Bio	C	At
HM-178	Kdc	63				69			7			6																									
HM-179	Kdc	68				59						5	4																								
HM-181	Kdc	52				76						5	3																								
HM-185	Kt2	67					15							18																							
HM-188	Kdc	53			45				6																												
HM-189	Kdc	34			11				39																												
HM-192	Ktf1	51			20				59																												
HM-194	Cad				49				21																					5							
HM-198	Ctf				15				13									85								11											
HM-201	Cad	5			67				12														5													7	
HM-212	Nd	41			46								4																								
HM-236	Db	23			22				21				13																						22		
HM-237	Kdc	31				63						6	11																								
HM-239	Kdc	64										10		3																3							
HM-241	Cad	8							19	8																				6							
HM-242	Cad	8			48				23																					4							
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HM-267	Ct*	37			7				78					5																							
HM-270	Dh	43												60																14							
HM-275	Dh													100			7																				
HM-277	Kdc	90							6					42																5							
HM-280	Kdc	12							10																			58	8	20							
HM-283	Ad	47							7						19															3							
HM-286	Kdc	90							18					8																							
HM-291	Kdc	56				10						11	4																	5							
HM-294	Dh	49			19		18		5																												
HM-298	Ctf	42										11																					8				
HM-301	Kdc	43				28						9	7																								
HM-303	Kdc	64										11	40																								
HM-316	Ctf	48				34						13																									
HM-317	Ctf	40										9	5																								
HM-321	Kt2	32				15						7		22																							
HM-324	Kdc	50				53						7	9																								
HM-330	Kdc	73										6																		6			9				
HM-339	Cad	32				83						5	20																	2							
HM-343	Ctf		14						31																												
HM-346	Nd	63					10							16																							
HM-347	Kdc	89										10																									
HM-348	Cdp	78										10																		11			4				
HM-351	Ctf		69		28				42																												
HM-352	Kt2	37								5				23																	13	5					
HM-353	Ctf	17								9				39																							
HM-077	Kt2	63										18																									
JI-001	Kt2	69										9																		10							
JI-002	Kt2	22				100		5	8																												
JI-003	Kt2	81										9																									
JI-016	Kdc	52				61						4	9																								
JI-018	Kdc	62				8						9	4																								
KM-002	Cdc	51							8			9																									
KM-008	Dh	43			73				7																												
KM-020	Kdc	52										14	13																	2							

Sample	Rock	Q	Cr	Tr	Pl	Ab	Kf	Ha	M	S/M	Ch/M	S	Ch	K	D	P	Al	Ca	Do	Sd	Ep	Cp	Md	St	L	An	F	Sp	Gn	Py	Hm	Go	Ba	Ah	Bio	C	At
KM-049	Cdc		49		26																		11														
KM-061	Ctf				24				35																												
KM-066	Ctf		31		18				42																												
KM-077	Cnv	19		22	23				33																												
KM-081	Cnv	14							24																												
KM-089	Cdc	24				84						5	11																								
KM-095	Cad					100			13				3												17					5							
KM-107	Kdc	62					8					6		7																							
KM-110	Kdc	67					28					8		20																							
KM-115	Cad	8			44								19																								
KM-118	Cad	18				39							30																	2							
KM-121	Cad	7				89							34					26																			
KM-124	Ctf	53				9						14																		3							
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KM-140	Cdc	26					24		8														7														
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YH-002	Dp	54				68						4	7																								
YH-014	Ad	15			84				16				5																								
YH-015	Ctf	29							46																												
YH-018	Kt2	42			7				19																												
YH-020	Ktf1	20				25			20																												
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YH-036	Nd	55				100							5								2																
YH-040	Kdc	94				20						10	7																								
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YH-071	Kdc	37				82	17																			2											
YH-075	Kdc	69										13	3																								
YH-082	Kdc	65				8						11																									
YH-086	Kdc	66					9					8																									
YK-014	Ctf	84										15																									
YK-015	Ctf	71										12	4																								
YK-015	Ctf	29										15	20																								
YK-022	Kdc	41										13	29																	13							
YK-024	Kdc	54										14		12					5	21										2							
YK-031	Ctf	25				64			7		4	5																									
YK-032	Ctf	33			13				33																									14			
YK-034	Ctf	20			11				29																			17									
YK-036	Ctf	24							42					7																							
YK-038	Cdc	56							14					16																							
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YK-048	Kdc	70										11																									
YK-054	Kdc	5										5	34																	99							
YK-063	Cdc	100										7																									
YK-067	Cdc								25													5								4							

Sample	Rock	Q	Cr	Tr	Pl	Ab	Kf	Ha	M	S/M	Ch/M	S	Ch	K	D	P	Al	Ca	Do	Sd	Ep	Cp	Md	St	L	An	F	Sp	Gn	Py	Hm	Go	Ba	Ah	Bio	C	At
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YK-074	Cdc	48			20				22																												
YK-075	Cdc	40					9	3				13																									
YK-079	Ctf	68										12																		7							
YK-082	Kdc	100										7																									
YK-085	Ctf	67										17																									
YK-111	Ctf				41				14	8																											
YK-121	Ctf	54			40							5		9																							
YK-129	Cms	50				29						5																									
YK-131	Cdc	35				68						9	13																								
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YK-139	Kdc	72				100						4	9																								
YK-144	Cad	11				100							19																								
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YK-150	Kdc	26				100						5	11																								
YK-154	Kdc	100				20						4	3																								
YK-168	Ctf	44				10					8	10																									
YK-191	Cad	22			34				13				7														6			5							
YK-197	Cad	39							12												10			6													
YK-208	Kdc	51				25			11	5																											
YK-211	Kdc	28			29				12														19														
YK-213	Kdc	86										10																									
YK-217	Kdc	49				71						7	9																								
YK-220	Kdc	48				73						9	11																								
YK-223	Kdc	57							9	12																				9							
YK-226	Kdc	56												58																10							
YK-229	Kdc	76								8																				8							
YK-230	Kdc	98										16																		3							
YK-233	Kdc	59				20						8	5																								
YK-235	Kdc	56				45						6	4																								
YK-238	Ctf	81										12																									
YK-244	Kdc	48										17																									
YK-246	Kdc	56										15	4																								
YK-249	Kdc	38				23				6			10																	4							
YK-253	Ctf	64				8						8	4																								
YK-255	Kdc	53				44						6	6																								
YK-258	Ctf	32			12				15					7																							
YK-264	Kdc	42								10				11																8							
YK-266	Kdc	56												50																							
YK-269	Kdc	24												9																36							
YK-276	Kdc	48												37																26							
YK-277	Kdc	25				55				7				11																8							
YK-279	Kdc	52												63		11														23							
YK-053	Kdc	34										25																		17							10
YK-059	Kdc	38			26							6	3							5										2							
Sample	Rock	Q	Cr	Tr	Pl	Ab	Kf	Ha	M	S/M	Ch/M	S	Ch	K	D	P	Al	Ca	Do	Sd	Ep	Cp	Md	St	L	An	F	Sp	Gn	Py	Hm	Go	Ba	Ah	Bio	C	At

Q:quartz,Cr:cristbalite,Tr:tridymite,Pl:plagioclase,Ab:albite,Kf:alkali feldspar,Ha:halloysite,M:montmorillonite,S/M:sericite/M mixed layer,Ch/M:Chlotite/M mixed layer,S: sericite,Ch:chlorite,K:kaolinite,D:dickite,P:pyrophyllite
Al:alunite,Ca:calcite,Do:dolomite,Sd:siderite,Ep:epidote,Cp:clinoptilolite,Md:mordenite,St:stilbite,L:laumontite,An:analcite,F:fernerite,Sp:sphalerite,Gn:galena,Py:pyrite,Hm:hematite,Go:goethite,Ba:barite,Ah:anhydrite,Bio:biotite
C:corundum,At:anatese

A-3 Chemical Analysis Data

Rock Samples

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
1	YK- 2	Nd	0.02	1.14	6	90	50	2	< 1	341		< 1	330	75.14	11.68	0.31	2.43	2.24	1.39	0.82	2.63	118	0.04	0.04	2.59
2	YK- 5	Nd	0.04	0.57	31	89	131	2	1	648	2.29	2	229	75.43	10.94	0.32	1.25	1.82	0.69	0.46	3.27	94	0.08	0.08	4.87
3	YK- 6	Nd	0.02	0.76	24	94	96	13	6	48	1.82	4	277	74.73	12.22	0.29	2.52	1.86	1.07	0.40	2.60	44	< 0.01	0.07	3.42
4	YK- 8	Kdc	< 0.01	0.57	78	609	56	2	6	132	0.64	< 1	200	78.29	11.83	0.24	0.22	3.42	0.04	1.40	0.92	23	0.02	0.05	3.67
5	YK- 9	Kdc	< 0.01	0.38	43	65	21	4	< 1	92	1.05	< 1	324	78.12	10.95	0.21	0.17	2.88	0.02	1.02	1.50	9	< 0.01	0.04	4.11
6	YK- 10	Kdc	0.04	0.47	10	77	12	3	< 1	43	0.31	2	488	82.14	10.73	0.23	0.20	3.15	0.02	0.40	0.44	23	< 0.01	0.02	2.31
7	YK- 11	Ctf	< 0.01	0.57	7	48	16	1	< 1	53	0.41	1	649	82.10	9.92	0.28	0.23	3.36	0.03	0.60	0.59	56	< 0.01	0.02	2.11
8	YK- 12	Ctf	< 0.01	0.57	6	33	8	5	1	17	0.33	6	547	83.84	9.15	0.32	0.18	2.60	0.04	0.37	0.47	37	< 0.01	0.02	2.04
9	YK- 13	Ctf	0.02	0.47	14	55	12	4	1	16	0.18	< 1	370	83.38	9.53	0.33	0.20	2.90	0.03	0.46	0.26	60	< 0.01	0.02	2.20
10	YK- 14	Ctf	0.11	0.19	5	37	9	4	1	26	0.33	< 1	344	83.56	9.55	0.20	0.18	2.76	0.04	0.42	0.47	96	< 0.01	0.02	2.02
11	YK- 15	Ctf	< 0.01	0.65	11	50	21	23	1	40	1.02	2	294	79.16	11.23	0.38	0.25	3.10	0.03	1.30	1.46	23	< 0.01	0.04	3.43
12	YK- 16	Kdc	0.03	1.31	9	46	12	24	1	46	0.63	4	480	83.47	8.98	0.28	0.22	3.09	0.03	0.54	0.90	57	< 0.01	0.02	2.71
13	YK- 17	Kdc	0.03	0.84	6	47	13	5	< 1	30	0.70	10	436	81.54	10.35	0.25	0.24	3.16	0.04	0.53	1.00	64	< 0.01	0.03	2.10
14	YK- 18	Kdc	< 0.01	0.75	28	53	29	41	1	120	2.22	25	309	80.87	8.49	0.19	0.16	2.26	0.04	1.63	3.17	54	0.02	0.08	2.78
15	YK- 19	Kdc	< 0.01	1.49	14	121	46	12	< 1	467	3.97	< 1	368	57.52	16.29	0.94	0.34	5.69	0.04	6.21	5.68	61	0.06	0.05	7.08
16	YK- 20	Kdc	< 0.01	0.65	14	74	27	6	< 1	150	3.18	7	343	73.59	10.60	0.83	1.16	2.30	0.11	2.99	4.55	85	0.02	0.16	3.94
17	YK- 22	Kdc	0.08	1.49	18	136	52	69	< 1	458	8.10	21	169	58.59	11.40	0.88	0.18	2.17	0.05	6.86	12.01	29	0.06	0.16	7.93
18	YK- 23	Kdc	< 0.01	0.75	66	154	114	21	< 1	1,850	7.82	< 1	224	50.82	16.18	0.77	1.60	1.53	0.25	9.64	11.18	124	0.24	0.21	8.00
19	YK- 24	Kdc	< 0.01	0.65	9	72	45	18	1	540	2.33	< 1	354	71.00	9.62	0.17	0.19	2.74	0.63	4.08	3.33	165	0.07	0.07	7.63
20	YK- 25	Cdc	< 0.01	0.47	15	87	85	6	2	52	1.05	< 1	225	72.21	14.64	0.41	0.52	2.63	0.21	1.18	1.50	16	< 0.01	0.03	6.48
21	YK- 26	Ctf	< 0.01	0.84	25	102	113	3	< 1	325	1.17	< 1	207	67.16	15.06	0.41	1.72	2.37	1.25	1.93	1.67	39	0.04	0.03	8.68
22	YK- 28	Cdc	< 0.01	0.75	21	80	24	7	< 1	264	1.28	1	316	74.53	13.67	0.34	3.11	1.79	0.17	0.65	1.83	25	0.03	0.07	2.81
23	YK- 31	Ctf	< 0.01	0.75	49	106	117	6	1	626	1.79	2	644	68.05	15.58	0.39	3.11	3.27	0.34	1.57	2.56	60	0.08	0.04	4.85
24	YK- 32	Ctf	< 0.01	0.93	20	82	66	1	< 1	841	2.33	< 1	988	66.25	12.49	0.43	1.35	1.23	2.11	3.01	3.33	34	0.11	0.09	9.42
25	YK- 33	Ctf	< 0.01	0.75	8	74	82	2	1	909	1.30	1	787	73.40	12.17	0.32	2.57	2.53	1.50	0.92	1.86	16	0.12	0.03	3.80
26	YK- 34	Ctf	< 0.01	0.75	10	94	112	2	< 1	1,090	2.15	< 1	964	60.78	16.41	0.45	0.74	2.55	1.40	2.28	3.07	13	0.14	0.02	11.65
27	YK- 35	Ctf	< 0.01	0.93	17	75	67	2	1	243	2.71	< 1	547	68.84	13.11	0.41	0.27	1.97	0.40	1.76	3.87	39	0.03	0.03	9.39
28	YK- 36	Ctf	< 0.01	0.75	36	123	129	5	1	93	1.70	2	56	56.72	20.31	0.52	0.18	0.73	0.03	1.89	2.43	35	< 0.01	0.03	16.20
29	YK- 38	Cdc	< 0.01	0.56	7	45	33	2	< 1	86	0.62	< 1	103	77.95	11.19	0.38	0.18	0.83	0.19	0.82	0.89	28	< 0.01	0.02	7.00
30	YK- 40	Cdp	< 0.01	0.75	29	107	84	2	< 1	702	4.30	< 1	260	56.39	16.83	0.56	0.68	1.80	1.07	2.81	6.15	4	0.09	0.03	12.76
31	YK- 44	Kdc	< 0.01	0.84	37	19	104	4	< 1	98	1.06	< 1	37	77.70	11.61	0.14	5.69	0.17	0.14	0.34	1.52	54	0.01	0.01	1.50
32	YK- 45	Kdc	< 0.01	0.84	58	37	475	49	6	447	1.47	< 1	117	82.78	7.22	0.20	2.26	1.52	0.06	0.36	2.10	77	0.06	0.04	2.32
33	YK- 46	Kdc	< 0.01	1.02	11	94	184	2	< 1	661	2.74	< 1	169	69.99	15.00	0.31	2.37	2.65	0.07	0.77	3.92	26	0.09	0.09	4.19
34	YK- 48	Kdc	< 0.01	1.21	13	56	26	13	1	74	0.50	2	355	81.45	11.03	0.29	0.20	3.58	0.04	0.50	0.71	41	< 0.01	0.03	2.54
35	YK- 49	Kdc	0.05	1.49	37	138	41	38	24	30	0.55	< 1	207	80.85	9.70	0.29	5.37	0.29	0.20	0.08	0.79	31	< 0.01	0.03	1.41
36	YK- 51	Kdc	0.03	0.93	26	68	23	26	10	182	0.87	1	517	79.38	11.03	0.27	0.21	3.24	0.03	0.93	1.24	51	0.02	0.03	2.78
37	YK- 52	Kdc	0.05	0.93	9	55	27	4	1	121	1.15	5	556	78.84	10.95	0.18	0.17	3.66	0.05	1.30	1.64	34	0.02	0.04	2.66
38	YK- 53	Kdc	0.05	3.26	114	116	23	38	1	115	2.90	7	271	67.67	14.42	0.82	0.28	5.19	0.04	1.04	4.15	61	0.01	0.04	5.56
39	YK- 54	Kdc	0.20	8.47	816	292	1,400	75	1	914	22.81	13	45	19.10	11.07	0.30	0.11	0.65	0.03	13.93	32.61	80	0.12	0.08	21.85
40	YK- 55	Kdc	0.05	1.68	116	86	85	226	26	56	1.81	3	1,440	71.21	15.31	0.51	1.22	2.41	0.07	0.56	2.59	28	< 0.01	0.04	5.79
41	YK- 56	Kdc	< 0.01	1.47	20	56	44	58	4	695	2.65	< 1	244	78.90	7.68	0.19	1.62	1.45	1.65	1.00	3.79	113	0.09	0.05	2.81
42	YK- 59	Kdc	0.02	1.93	13	115	80	6	1	188	0.73	2	3,100	73.73	12.81	0.26	1.96	6.96	0.17	0.60	1.04	117	0.02	0.08	1.21
43	YK- 60	Kdc	< 0.01	1.38	13	88	850	3	1	813	2.30	< 1	287	71.51	12.72	0.38	0.73	3.42	1.09	2.06	3.29	38	0.10	0.10	3.84
44	YK- 63	Cdc	< 0.01	1.93	21	79	18	26	3	67	0.54	1	317	86.37	7.00	0.20	0.13	2.35	0.05	0.52	0.77	95	< 0.01	0.03	2.01
45	YK- 64	Cdc	< 0.01	1.57	15	110	68	10	3	340	2.16	< 1	514	66.85	16.97	0.48	1.39	3.89	0.04	0.70	3.09	37	0.04	0.03	6.55
46	YK- 66	Cdc	< 0.01	1.38	23	61	61	32	8	336	1.40	< 1	1,850	72.00	10.36	0.26	1.41	0.99	2.50	0.63	2.00	63	0.04	0.06	8.76
47	YK- 67	Cdc	< 0.01	1.57	34	110	128	2	1	921	8.39	< 1	70	49.51	14.27	1.20	0.24	2.68	1.28	3.80	12.00	10	0.12	0.04	13.89
48	YK- 71	Dh	< 0.01	1.38	36	61	34	6	1	385	0.97	1	125	75.20	11.90	0.48	6.73	1.00	0.19	0.11	1.39	10	0.05	0.02	1.90
49	YK- 73	Cdc	0.02	1.57	15	87	20	80	2	91	1.07	4	138	77.46	13.19	0.36	0.19	3.56	0.04	0.85	1.53	47	0.01	0.03	3.65
50	YK- 74	Cdc	0.03	2.49	12	63	119	22	3	85	0.54	4	473	75.12	11.67	0.58	1.45	2.98	0.27	0.98	0.77	29	0.01	0.02	6.02

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
51	YK- 75	Cdc	0.04	0.19	75	116	414	2	1	462	1.13	< 1	348	72.76	12.33	0.30	0.43	6.12	0.04	1.41	1.62	484	0.06	0.02	4.06
52	YK- 77	Cdc	0.02	2.65	10	101	10	23	4	48	0.21	2	158	86.33	8.02	0.19	0.10	2.14	0.05	0.35	0.30	164	< 0.01	0.01	2.28
53	YK- 78	Cdc	0.09	0.57	25	19	11	6	7	16	0.29	3	81	94.94	2.05	0.13	0.04	0.46	0.03	0.08	0.41	149	< 0.01	<0.01	0.97
54	YK- 79	Ctf	0.04	0.28	81	65	28	29	2	61	2.94	1	197	78.06	8.76	0.24	0.12	2.87	0.03	0.33	4.20	162	< 0.01	0.02	4.34
55	YK- 81	Kdc	0.13	< 0.01	13	67	18	9	1	136	0.66	1	511	77.80	11.73	0.44	0.14	4.38	0.03	0.51	0.94	44	0.02	0.02	3.11
56	YK- 82	Kdc	0.03	0.38	24	66	83	20	4	14	0.55	5	476	89.83	5.32	0.18	0.13	1.42	0.02	0.13	0.79	133	< 0.01	<0.01	1.53
57	YK- 84	Cdc	0.04	0.47	17	53	8	49	2	31	0.56	5	1,010	82.75	8.53	0.11	0.25	5.10	0.02	0.18	0.80	178	< 0.01	0.02	1.50
58	YK- 85	Ctf	0.06	0.47	26	96	70	41	1	40	0.48	2	762	76.70	13.86	0.44	0.19	4.28	0.04	0.50	0.69	47	< 0.01	0.05	2.52
59	YK- 89	Ctf	0.08	2.05	95	152	121	8	< 1	128	5.06	< 1	77	52.46	17.61	0.99	0.31	0.82	0.09	1.99	7.23	110	0.02	0.08	17.34
60	YK- 90	Cdc	0.05	1.56	26	143	115	2	< 1	245	5.03	< 1	112	49.72	16.44	0.87	0.34	1.58	0.18	3.75	7.19	47	0.03	0.15	18.15
61	YK- 91	Ctf	0.04	1.86	106	112	99	1	< 1	113	1.49	< 1	157	65.68	14.19	0.42	0.31	1.11	0.31	2.21	2.13	66	0.01	0.07	12.91
62	YK- 92	Cdc	0.05	1.66	23	101	27	3	< 1	67	0.34	1	281	82.08	11.51	0.36	0.31	2.55	0.09	0.80	0.49	64	< 0.01	0.06	3.36
63	YK- 93	Dn	< 0.01	1.46	39	102	186	5	< 1	111	1.38	< 1	108	74.98	13.77	0.43	1.56	2.21	0.11	0.73	1.97	31	0.01	0.08	4.48
64	YK- 94	Cdc	0.03	1.66	13	72	21	5	1	58	1.87	< 1	708	85.32	6.71	0.26	0.19	2.05	0.07	0.53	2.67	139	< 0.01	0.07	2.08
65	YK- 96	Dn	< 0.01	< 0.01	13	48	10	1	< 1	27	0.38	1	721	81.84	11.12	0.24	0.18	3.93	0.03	0.62	0.54	51	< 0.01	0.02	2.45
66	YK- 97	Ctf	0.09	1.14	64	161	136	16	2	187	0.40	1	3,630	71.81	14.04	0.48	0.29	7.29	0.07	0.35	0.57	58	0.02	0.02	3.53
67	YK- 98	Ctf	0.02	0.66	9	93	8	9	1	39	0.13	1	1,150	76.20	15.10	0.42	0.15	3.39	0.02	0.57	0.19	83	< 0.01	0.04	3.81
68	YK- 100	Ctf	0.06	0.38	29	75	232	1	< 1	158	1.51	< 1	425	68.42	12.09	0.40	0.47	0.32	1.48	1.32	2.16	914	0.02	0.02	12.20
69	YK- 101	Ctf	< 0.01	0.85	102	109	110	8	< 1	111	2.76	< 1	125	61.50	16.13	0.70	0.37	0.64	0.54	1.23	3.95	115	0.01	0.03	13.82
70	YK- 102	Ctf	< 0.01	0.19	10	67	58	1	< 1	451	1.75	< 1	397	70.97	10.34	0.36	0.89	0.43	1.89	1.15	2.50	22	0.06	0.03	10.66
71	YK- 103	Ctf	0.09	0.75	19	94	144	4	< 1	191	2.67	< 1	337	64.13	13.67	0.39	0.57	0.37	1.80	1.69	3.82	700	0.02	0.03	12.87
72	YK- 104	Ctf	0.05	0.38	1,200	76	170	3	< 1	103	1.80	< 1	809	65.46	12.57	0.39	1.97	1.91	2.61	0.67	2.57	13	0.01	0.02	10.98
73	YK- 106	Cdc	< 0.01	0.38	140	63	51	6	< 1	685	1.26	< 1	315	76.90	12.48	0.39	2.96	3.02	1.17	0.18	1.80	361	0.09	0.06	1.68
74	YK- 107	Ctf	< 0.01	0.28	804	69	124	3	1	57	1.47	< 1	473	68.03	13.44	0.42	0.85	0.35	1.16	1.59	2.10	873	< 0.01	0.05	10.91
75	YK- 108	Cdc	0.01	1.22	1,180	108	41	328	20	23	5.07	< 1	144	66.74	13.07	0.31	0.24	3.12	0.03	0.41	7.25	85	< 0.01	0.08	7.89
76	YK- 109	Ctf	0.06	0.38	1,930	120	502	2	< 1	834	2.76	< 1	47	52.99	18.34	0.52	0.12	0.75	1.16	2.85	3.95	86	0.11	0.07	18.15
77	YK- 110	Ctf	0.01	0.19	18	75	53	3	< 1	337	1.92	< 1	522	68.03	13.74	0.41	1.44	2.50	1.80	0.83	2.75	73	0.04	0.02	7.98
78	YK- 111	Ctf	< 0.01	0.84	42	121	88	2	< 1	792	5.89	< 1	64	53.54	15.46	0.81	2.55	4.90	3.49	2.88	8.42	162	0.10	0.06	6.88
79	YK- 114	Ctf	< 0.01	0.75	65	97	83	1	< 1	599	4.15	< 1	56	57.38	13.44	0.68	0.99	2.95	2.53	3.06	5.93	237	0.08	0.05	12.45
80	YK- 115	Ctf	< 0.01	0.84	9	79	53	< 1	< 1	1,560	1.63	< 1	307	66.46	11.77	0.37	1.90	1.78	2.37	1.36	2.33	15	0.20	0.08	10.55
81	YK- 116	Ctf	< 0.01	0.84	44	97	88	< 1	< 1	832	4.51	< 1	104	60.80	14.13	0.70	2.76	1.13	4.12	2.84	6.45	1	0.11	0.07	6.71
82	YK- 117	Kdc	< 0.01	0.28	10	72	50	10	< 1	559	1.73	< 1	234	67.66	11.13	0.29	0.20	0.33	4.45	1.78	2.47	58	0.07	0.15	10.79
83	YK- 118	Kdc	< 0.01	0.56	9	79	45	6	< 1	111	1.13	< 1	227	74.45	14.32	0.38	0.15	0.34	0.09	0.13	1.62	39	0.01	0.10	7.25
84	YK- 120	Ctf	< 0.01	0.56	7	60	25	< 1	< 1	106	0.53	< 1	73	81.57	8.69	0.12	4.14	0.78	0.08	0.80	0.76	79	0.01	0.02	1.91
85	YK- 121	Ctf	< 0.01	0.75	6	53	86	3	< 1	343	1.25	< 1	122	79.22	10.85	0.30	2.56	0.81	0.06	0.23	1.79	70	0.04	0.05	3.64
86	YK- 122	Ctf	< 0.01	0.66	23	81	36	19	1	91	1.14	< 1	179	72.43	13.98	0.43	1.48	3.24	0.10	1.14	1.63	51	0.01	0.04	4.62
87	YK- 123	Ctf	< 0.01	0.84	7	101	83	36	< 1	118	0.74	< 1	332	78.69	12.04	0.13	1.91	2.29	0.11	0.64	1.06	50	0.02	0.03	2.31
88	YK- 125	Kdc	0.02	0.37	16	96	84	2	< 1	1,120	2.44	< 1	57	66.65	14.54	0.28	2.34	0.31	0.09	6.10	4.53	20	0.14	0.04	5.09
89	YK- 127	Ctf	0.02	0.93	10	126	109	1	< 1	806	5.76	< 1	643	57.11	16.08	0.99	5.82	1.56	1.00	4.24	8.24	47	0.10	0.16	3.71
90	YK- 129	Cms	0.02	0.75	7	62	24	5	1	50	0.58	< 1	343	79.52	11.07	0.17	2.48	3.43	0.14	0.93	0.83	282	< 0.01	0.03	2.20
91	YK- 131	Cdc	< 0.01	0.75	13	89	90	2	< 1	1,010	2.56	< 1	356	70.79	13.67	0.24	2.58	2.39	0.09	2.42	3.86	67	0.13	0.05	3.27
92	YK- 132	Ctf	0.02	0.28	37	139	114	8	3	1,010	4.20	< 1	341	63.25	15.03	0.68	4.85	0.68	0.40	4.43	6.00	168	0.13	0.16	4.41
93	YK- 134	Cdc	< 0.01	0.84	9	74	20	1	< 1	41	0.34	< 1	556	74.40	12.84	0.15	0.60	2.13	0.06	4.18	0.49	85	< 0.01	0.02	4.10
94	YK- 135	Cdc	0.01	0.75	8	102	27	1	< 1	287	2.79	< 1	248	69.31	14.71	0.36	3.44	1.08	0.21	2.07	3.99	63	0.04	0.06	4.94
95	YK- 136	Cdc	< 0.01	1.68	6	46	13	3	< 1	126	0.79	< 1	546	80.14	10.90	0.25	1.78	1.66	0.08	0.32	1.13	29	0.02	0.03	2.80
96	YK- 138	Ctf	0.04	0.84	40	131	82	1	1	715	4.93	< 1	142	63.11	15.43	0.52	2.48	0.47	0.18	3.18	7.05	9	0.09	0.07	6.77
97	YK- 139	Kdc	0.02	1.39	8	51	16	1	< 1	152	0.66	< 1	62	79.42	10.06	0.16	3.98	0.54	0.12	1.81	0.94	205	0.02	0.03	1.86
98	YK- 140	Cad	< 0.01	1.20	10	119	46	1	< 1	799	4.22	< 1	40	60.13	16.05	0.48	5.21	0.22	2.52	4.32	6.03	453	0.10	0.15	3.92
99	YK- 141	Cad	< 0.01	0.93	34	105	41	1	< 1	977	3.33	< 1	25	63.47	15.76	0.07	4.28	0.15	5.41	1.96	4.76	159	0.13	0.08	3.01
100	YK- 142	Cad	< 0.01	1.20	12	114	137	< 1	< 1	1,620	5.61	< 1	31	62.27	14.00	0.85	3.86	0.24	1.68	3.46	8.02	32	0.21	0.22	4.38

Rock Samples

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
101	YK- 143	Cad	< 0.01	0.83	12	123	50	1	< 1	740	4.98	< 1	64	55.60	18.66	0.94	6.26	0.31	3.71	4.14	5.98	897	0.10	0.16	3.26
102	YK- 144	Cad	< 0.01	1.67	10	97	70	2	1	1,350	2.45	< 1	68	63.50	16.12	0.52	5.54	0.27	3.32	3.30	3.50	77	0.17	0.21	2.60
103	YK- 145	Cad	< 0.01	1.02	9	113	56	1	< 1	1,260	3.80	< 1	52	59.00	16.51	0.51	3.23	0.25	6.51	3.32	5.43	48	0.16	0.19	3.71
104	YK- 147	Cad	< 0.01	1.48	8	124	108	19	< 1	1,490	4.42	< 1	245	56.51	16.32	0.73	3.43	0.59	3.48	6.07	6.32	212	0.19	0.16	5.12
105	YK- 148	Kdc	< 0.01	1.02	8	73	45	1	< 1	356	1.18	< 1	100	75.68	11.46	0.27	3.28	0.69	0.18	2.18	1.69	45	0.05	0.06	3.39
106	YK- 149	Kdc	< 0.01	0.83	9	74	70	1	< 1	436	1.25	< 1	160	75.73	11.66	0.27	3.53	0.75	0.26	2.81	1.79	177	0.06	0.04	3.02
107	YK- 150	Kdc	< 0.01	< 0.01	8	105	39	1	< 1	464	1.63	< 1	115	72.52	12.15	0.27	6.18	0.60	0.21	2.20	2.33	117	0.06	0.04	3.11
108	YK- 151	Kdc	0.05	< 0.01	7	88	29	2	< 1	253	1.47	< 1	187	77.16	10.45	0.24	4.26	0.78	0.24	1.44	2.10	113	0.03	0.04	3.09
109	YK- 153	Kdc	0.01	< 0.01	11	104	48	1	< 1	507	1.80	< 1	212	74.91	11.34	0.26	4.20	1.05	0.10	2.67	2.57	88	0.07	0.03	3.09
110	YK- 154	Kdc	< 0.01	< 0.01	7	41	10	< 1	1	73	0.24	2	70	87.81	3.55	0.08	1.38	0.54	0.07	0.79	0.34	313	0.01	0.02	1.04
111	YK- 155	Kdc	< 0.01	< 0.01	13	76	10	< 1	< 1	15	0.10	2	906	83.56	9.60	0.13	1.33	3.27	0.05	0.28	0.14	300	< 0.01	0.03	1.91
112	YK- 156	Cnv	0.04	< 0.01	14	115	53	4	< 1	110	1.76	< 1	24	72.22	12.56	0.04	1.19	0.16	0.07	0.89	2.52	107	0.01	0.04	10.45
113	YK- 157	Cnv	< 0.01	< 0.01	24	95	60	1	< 1	81	1.32	< 1	250	71.16	11.05	0.26	2.99	1.11	2.69	0.79	1.89	98	0.01	0.02	7.88
114	YK- 158	Cnv	0.01	< 0.01	15	105	49	1	< 1	44	1.48	< 1	231	68.45	12.89	0.31	1.73	0.35	0.90	1.59	2.12	136	0.01	0.02	11.05
115	YK- 161	Cnv	< 0.01	< 0.01	18	123	72	4	< 1	57	2.07	< 1	76	63.46	15.31	0.52	1.53	0.38	0.85	1.26	2.96	308	0.01	0.03	12.50
116	YK- 163	Cnv	0.02	< 0.01	13	104	60	1	< 1	41	1.85	< 1	126	66.05	14.87	0.37	0.45	0.14	0.69	1.56	2.64	99	0.01	0.02	12.88
117	YK- 164	Cnv	< 0.01	< 0.01	14	94	57	1	< 1	263	1.48	< 1	186	71.91	10.90	0.32	1.31	0.08	0.69	1.22	2.12	278	0.03	0.02	11.32
118	YK- 165	Cnv	0.03	< 0.01	19	156	57	74	34	101	2.88	< 1	53	64.27	16.29	0.34	1.36	0.22	0.17	0.34	4.12	120	0.01	0.04	11.77
119	YK- 166	Ctf	< 0.01	< 0.01	30	193	200	2	< 1	628	3.17	< 1	39	51.03	17.91	0.97	1.27	0.23	0.22	3.07	4.53	32	0.08	0.04	19.76
120	YK- 167	Ctf	0.36	21.8	113	704	166	149	78	644	1.42	4	161,000	48.63	10.25	0.19	1.10	1.52	0.14	1.13	2.03	47	0.08	0.04	6.33
121	YK- 168	Ctf	< 0.01	< 0.01	14	130	20	30	1	64	2.93	< 1	307	67.23	16.44	0.48	1.83	2.15	0.04	1.35	4.19	351	0.01	0.05	7.23
122	YK- 171	Kt2	0.07	0.68	615	144	350	41	8	30	1.06	5	341	74.03	13.08	0.25	1.37	3.54	0.05	0.45	1.52	295	< 0.01	0.02	4.09
123	YK- 174	Kdc	< 0.01	< 0.01	15	105	47	3	< 1	102	1.77	< 1	100	80.05	12.24	0.32	1.15	0.79	0.05	0.34	2.53	76	0.01	0.11	5.74
124	YK- 176	Ctf	< 0.01	< 0.01	41	143	78	2	< 1	483	4.67	< 1	133	54.59	16.39	0.86	5.51	0.83	4.33	3.42	6.68	38	0.06	0.15	6.98
125	YK- 179	Ctf	< 0.01	< 0.01	69	136	34	7	< 1	177	3.23	< 1	277	66.16	11.83	0.89	2.44	5.43	1.12	1.30	4.62	32	0.02	0.11	5.97
126	YK- 180	Cad	< 0.01	< 0.01	41	144	121	2	< 1	845	6.67	< 1	23	51.91	15.78	0.95	4.93	0.20	5.92	3.66	9.54	57	0.11	0.16	6.91
127	YK- 181	Cad	0.06	< 0.01	58	142	71	2	1	633	4.88	< 1	35	52.63	15.50	0.39	4.97	0.63	4.38	5.16	6.98	23	0.09	0.08	8.75
128	YK- 183	Ctf	0.09	< 0.01	15	159	105	4	< 1	48	2.19	< 1	78	60.27	18.82	0.58	0.51	0.20	0.74	1.70	3.13	32	< 0.01	0.03	14.46
129	YK- 184	Ctf	0.05	< 0.01	14	113	53	2	< 1	43	2.09	< 1	256	69.61	12.33	0.36	1.24	0.29	1.85	1.41	2.99	48	< 0.01	0.03	9.53
130	YK- 185	Ctf	0.07	< 0.01	15	106	62	2	< 1	453	1.59	< 1	284	72.98	12.73	0.40	0.59	0.86	0.73	0.89	2.27	137	0.06	0.03	9.04
131	YK- 186	Ctf	0.05	< 0.01	22	101	75	2	< 1	992	1.50	< 1	191	71.59	11.64	0.40	0.86	0.61	1.36	1.13	2.14	126	0.13	0.05	9.87
132	YK- 187	Dn	0.09	< 0.01	25	103	39	16	< 1	265	1.07	< 1	193	79.19	9.71	0.32	3.84	2.14	0.95	0.09	1.53	194	0.03	0.07	1.38
133	YK- 188	Ctf	< 0.01	< 0.01	12	114	67	1	< 1	49	1.49	< 1	222	68.54	12.57	0.38	0.41	0.18	1.02	1.50	2.13	76	< 0.01	0.03	12.33
134	YK- 189	Ctf	0.09	1.46	12	231	69	5	1	337	1.51	< 1	82	68.46	13.32	0.37	1.24	3.22	1.80	0.86	2.16	48	0.04	0.06	7.47
135	YK- 190	Cad	0.06	57.1	20	134	73	1	< 1	1,040	5.08	< 1	19	48.78	13.24	0.67	1.71	0.33	8.43	14.20	7.26	916	0.13	0.13	4.11
136	YK- 191	Cad	0.05	< 0.01	14	144	27	4	< 1	887	3.75	< 1	36	62.48	16.58	0.58	0.39	0.20	7.36	2.89	5.36	60	0.11	0.17	3.06
137	YK- 196	Cad	0.06	13.9	12	133	36	3	< 1	798	4.68	< 1	47	55.00	17.03	0.62	5.19	0.48	4.99	4.72	6.69	32	0.10	0.16	4.15
138	YK- 197	Cad	0.07	< 0.01	18	127	34	2	< 1	1,070	4.82	< 1	16	58.35	15.21	0.51	0.39	0.05	13.33	1.47	6.89	376	0.14	0.12	2.54
139	YK- 198	Cad	0.05	1.72	23	207	67	1	< 1	1,030	5.35	< 1	47	50.17	13.39	0.62	4.07	0.30	8.20	10.61	7.65	626	0.13	0.11	3.81
140	YK- 199	Cad	0.06	17.5	91	148	60	1	< 1	979	5.99	< 1	74	45.33	14.80	0.69	3.34	0.37	9.00	12.79	8.56	854	0.13	0.10	4.59
141	YK- 202	Cad	0.06	1.24	94	155	65	1	< 1	982	6.11	< 1	103	44.51	14.17	0.67	2.73	0.38	9.29	13.51	8.74	899	0.13	0.11	4.94
142	YK- 207	Kdc	0.05	0.19	10	126	49	5	< 1	789	2.04	< 1	235	46.95	16.89	0.42	1.71	5.26	11.48	1.79	2.92	18	0.10	0.08	11.41
143	YK- 208	Kdc	< 0.01	0.19	13	80	20	1	< 1	180	0.57	< 1	131	78.55	10.81	0.23	2.66	1.35	0.28	0.87	0.81	57	0.02	0.02	3.48
144	YK- 209	Kdc	0.09	< 0.01	24	176	73	36	1	115	0.87	1	607	83.76	9.16	0.21	0.26	2.70	0.10	0.40	1.24	41	0.01	0.03	2.56
145	YK- 210	Kdc	0.05	0.76	18	65	9	3	< 1	18	0.31	1	129	86.44	8.55	0.18	0.94	1.67	0.03	0.07	0.44	72	< 0.01	0.02	1.53
146	YK- 211	Kdc	0.06	0.29	25	75	34	2	< 1	116	0.73	< 1	194	73.78	9.19	0.20	2.37	1.85	2.04	0.37	1.04	58	0.01	0.02	8.03
147	YK- 212	Kdc	0.04	0.47	73	95	54	16	< 1	117	0.97	4	200	77.76	11.56	0.23	0.40	3.01	0.05	1.02	1.39	10	0.02	0.04	3.61
148	YK- 213	Kdc	0.08	1.02	31	118	34	23	< 1	107	4.27	< 1	229	75.24	10.92	0.18	0.63	2.73	0.03	0.46	6.10	< 1	0.01	0.10	3.64
149	YK- 214	Kdc	0.01	12.1	36	95	30	13	< 1	163	1.66	< 1	385	77.63	11.77	0.33	0.44	3.16	0.06	0.69	2.37	86	0.02	0.04	3.29
150	YK- 215	Kdc	0.08	0.74	16	99	29	2	< 1	184	1.58	< 1	207	74.85	12.41	0.29	3.40	1.57	0.06	1.34	2.26	69	0.02	0.03	2.94

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
151	YK- 216	Kdc	0.05	0.47	15	111	35	2	< 1	244	2.21	< 1	338	71.74	12.72	0.40	3.27	2.24	0.07	2.63	3.16	35	0.03	0.04	3.37
152	YK- 217	Kdc	0.08	0.19	10	114	33	2	< 1	180	1.54	< 1	157	73.09	13.33	0.27	4.31	1.56	0.09	1.66	2.20	20	0.02	0.04	3.29
153	YK- 218	Kdc	0.03	1.66	136	118	77	1	< 1	450	2.57	< 1	733	72.67	12.72	0.45	1.83	2.30	0.17	3.88	3.67	92	0.1	0.14	3.32
154	YK- 220	Kdc	0.08	1.66	13	101	38	1	< 1	256	1.74	< 1	378	76.51	12.41	0.50	2.45	1.03	0.12	1.82	2.49	79	0	0.07	2.72
155	YK- 221	Kdc	0.03	1.86	16	97	124	5	< 1	1,020	2.36	< 1	135	76.08	11.02	0.30	1.95	1.00	0.17	0.55	3.37	1,120	0.1	0.09	3.97
156	YK- 222	Kdc	0.07	1.86	53	103	178	15	< 1	1,030	2.09	< 1	207	72.06	10.94	0.32	1.81	1.53	0.48	2.72	2.99	88	0.1	0.18	5.95
157	YK- 223	Kdc	0.04	1.76	24	124	480	40	2	65	2.33	< 1	97	76.45	10.03	0.41	0.58	1.10	0.11	0.65	3.33	162	< 0	0.04	6.06
158	YK- 224	Kdc	0.06	1.96	220	208	207	23	2	75	14.05	< 1	68	64.93	6.44	0.24	0.18	0.80	0.08	0.18	20.09	440	0	0.12	6.51
159	YK- 225	Kdc	0.08	1.96	118	86	33	114	5	16	3.24	< 5	82	82.12	6.95	0.07	0.18	0.02	0.06	0.01	4.63	253	< 0	0.10	4.94
160	YK- 226	Kdc	0.16	2.05	94	117	30	23	3	21	3.90	1	201	76.81	9.26	0.50	0.22	0.06	0.07	< 0.01	5.58	231	< 0	0.17	6.31
161	YK- 227	Kdc	< 0.01	1.66	25	86	19	4	< 1	20	0.45	< 6	80	81.08	12.00	0.42	0.28	0.01	0.08	0.01	0.64	167	< 0	0.15	4.23
162	YK- 228	Kdc	0.06	1.76	24	102	39	8	2	72	0.20	1	730	77.88	12.64	0.50	0.53	2.99	0.10	0.50	0.29	96	0	0.04	3.17
163	YK- 229	Kdc	0.06	1.96	26	101	21	12	< 1	24	2.23	< 1	188	77.30	11.41	0.36	1.19	0.56	0.07	0.07	3.19	54	< 0.01	0.06	5.23
164	YK- 230	Kdc	0.04	0.47	15	91	12	7	1	31	2.08	1	252	78.03	10.68	0.34	1.02	2.78	0.03	0.29	2.97	79	< 0.01	0.03	3.51
165	YK- 231	Kdc	< 0.01	< 0.01	31	112	33	23	< 1	26	2.22	< 1	99	76.03	12.91	0.46	0.63	1.80	0.04	0.26	3.17	35	< 0.01	0.06	4.63
166	YK- 232	Kdc	< 0.01	0.56	19	97	51	4	< 1	466	2.47	< 1	85	68.84	12.75	0.46	6.11	1.58	0.67	1.55	3.53	32	0.06	0.11	3.38
167	YK- 233	Kdc	< 0.01	< 0.01	14	80	23	5	< 1	36	0.46	< 1	245	78.63	12.41	0.35	1.56	2.57	0.05	0.34	0.66	56	< 0.01	0.02	4.33
168	YK- 234	Kdc	< 0.01	0.39	41	146	203	35	< 1	33	2.98	1	301	67.84	15.72	0.50	1.16	3.47	0.04	0.53	4.26	4	< 0.01	0.05	6.90
169	YK- 235	Kdc	0.03	< 0.01	18	84	77	2	< 1	444	1.29	< 1	168	80.25	9.14	0.25	4.36	1.71	0.11	0.42	1.84	45	0.06	0.05	2.55
170	YK- 237	Db	0.09	1.96	18	18	33	7	< 1	48	8.51	1	37	68.34	8.16	0.33	0.26	2.15	0.07	0.25	12.17	120	< 0	0.04	7.82
171	YK- 238	Ctf	0.08	1.86	21	21	22	2	< 1	66	0.22	1	823	82.99	9.62	0.55	0.28	2.71	0.07	0.41	0.31	77	< 0	0.03	2.00
172	YK- 239	Ctf	0.08	2.45	24	24	42	12	1	67	1.84	3	714	77.91	10.66	0.33	0.39	2.89	0.07	0.46	2.63	110	< 0	0.07	3.39
173	YK- 242	Kdc	0.03	1.16	34	232	392	85	1	109	0.97	3	623	72.32	14.45	0.35	0.62	4.01	0.08	1.08	1.39	10	0.01	0.08	4.71
174	YK- 243	Kdc	< 0.01	0.19	26	61	27	4	< 1	31	0.35	2	331	75.54	14.67	0.34	0.56	3.26	0.03	0.83	0.50	37	< 0.01	0.05	3.70
175	YK- 244	Kdc	0.01	0.48	27	86	22	26	2	52	1.15	7	632	77.76	12.27	0.33	0.69	3.61	0.02	0.64	1.64	37	< 0.01	0.02	3.22
176	YK- 245	Db	0.04	0.10	69	76	26	41	< 1	29	0.83	2	1,880	78.42	11.15	0.26	0.96	6.01	0.03	0.51	1.19	25	< 0.01	0.08	2.07
177	YK- 246	Kdc	< 0.01	0.29	21	122	44	3	1	103	0.68	< 1	413	79.52	10.56	0.20	1.37	2.80	0.07	0.78	0.97	86	0.01	0.04	2.88
178	YK- 247	Kdc	< 0.01	1.64	223	111	41	31	< 1	49	1.89	46	140	70.05	15.42	0.39	0.58	2.78	0.03	0.64	2.70	18	< 0.01	0.07	6.36
179	YK- 248	Kdc	< 0.01	0.19	25	94	122	22	< 1	637	2.19	< 1	377	73.85	11.87	0.37	0.55	2.74	0.05	1.75	3.13	48	0.08	0.09	4.55
180	YK- 249	Kdc	0.05	0.19	35	131	188	44	< 1	1,840	4.06	< 1	183	64.81	12.17	0.54	3.71	1.68	0.12	3.72	5.80	35	0.24	0.10	6.82
181	YK- 251	Kdc	0.07	0.10	21	109	87	1	< 1	819	3.29	< 1	152	65.01	13.00	0.53	5.42	2.17	0.12	3.22	4.70	12	0.11	0.11	4.57
182	YK- 252	Ctf	0.06	0.48	30	50	44	9	< 1	176	0.94	< 1	324	77.46	11.92	0.34	0.66	3.29	0.02	0.63	1.34	608	0.02	0.04	3.44
183	YK- 253	Ctf	0.04	< 0.01	19	57	59	3	< 1	137	0.88	< 1	234	81.33	9.83	0.24	1.10	2.27	0.04	0.33	1.26	57	0.02	0.04	2.69
184	YK- 254	Ctf	0.09	0.10	27	71	76	1	< 1	291	1.33	< 1	158	75.20	12.05	0.35	0.59	2.85	0.23	1.61	1.90	10	0.04	0.09	5.92
185	YK- 255	Kdc	0.03	< 0.01	24	70	92	2	< 1	320	1.38	< 1	155	77.18	10.57	0.19	4.80	1.41	0.11	0.32	1.97	76	0.04	0.04	2.65
186	YK- 258	Ctf	< 0.01	< 0.01	26	92	70	1	< 1	334	1.89	< 1	99	69.83	12.96	0.60	1.00	2.43	0.56	0.95	2.70	58	0.04	0.11	7.82
187	YK- 262	Dh	< 0.01	< 0.01	25	72	75	4	< 1	276	2.10	< 1	194	69.14	14.77	0.43	5.01	2.56	1.52	0.21	3.00	53	0.04	0.12	2.47
188	YK- 264	Kdc	0.09	1.86	58	127	84	59	1	178	2.50	< 1	133	71.52	12.23	0.60	0.28	2.34	0.07	0.81	3.57	95	0.02	0.05	7.14
189	YK- 265	Kdc	0.10	1.99	43	106	81	10	1	139	1.14	< 1	207	77.21	11.87	0.56	0.32	2.05	0.08	0.65	1.63	115	0.02	0.05	4.91
190	YK- 266	Kdc	0.10	2.09	51	129	151	25	< 1	149	3.05	< 1	60	72.55	14.02	0.56	0.27	0.21	0.08	0.09	4.36	94	0.02	0.09	6.76
191	YK- 267	Kdc	0.09	2.09	92	126	56	14	1	37	4.60	< 1	892	72.53	11.03	0.51	0.28	1.06	0.12	0.27	6.58	390	< 0.01	0.31	6.23
192	YK- 268	Kdc	0.09	1.79	25	158	38	57	1	33	0.91	5	341	76.74	13.32	0.63	0.36	1.43	0.22	0.46	1.30	279	< 0.01	0.34	6.13
193	YK- 269	Kdc	0.14	2.58	691	142	76	53	4	65	14.26	3	28	59.13	5.71	0.26	0.16	0.31	0.06	0.06	20.39	76	< 0.01	0.11	13.47
194	YK- 270	Kdc	1.05	2.19	40	101	16	11	3	12	1.81	5	196	81.65	9.01	0.22	0.18	0.03	0.07	0.01	2.59	107	< 0.01	0.16	4.41
195	YK- 272	Kdc	0.10	1.89	34	112	24	16	< 1	48	2.25	< 1	203	73.91	12.75	0.51	0.73	1.71	0.07	0.18	3.22	91	< 0.01	0.06	5.81
196	YK- 273	Kdc	0.09	2.19	66	168	178	38	7	136	3.54	< 1	366	64.80	16.21	0.84	0.55	2.89	0.09	0.58	5.06	95	0.02	0.09	7.79
197	YK- 274	Kdc	0.10	2.39	39	180	189	77	2	141	3.34	2	109	71.04	12.21	0.55	0.32	2.54	0.07	0.70	4.78	86	0.02	0.05	6.40
198	YK- 275	Kdc	0.11	2.19	50	108	59	41	< 1	37	1.31	2	229	77.08	11.98	0.56	0.32	1.16	0.08	0.17	1.87	189	< 0.01	0.06	5.20
199	YK- 276	Kdc	0.27	5.29	455	142	70	54	9	29	11.35	< 1	78	63.04	7.58	0.21	0.13	0.03	0.06	< 0.01	16.23	98	< 0.01	0.12	11.19
200	YK- 277	Kdc	0.09	2.06	28	123	110	25	1	83	2.12	< 1	112	67.05	15.89	0.60	2.90	1.80	0.08	0.83	3.03	488	0.01	0.05	5.93

Rock Samples

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO_2 (%)	Al_2O_3 (%)	TiO_2 (%)	Na_2O (%)	K_2O (%)	CaO (%)	MgO (%)	Fe_2O_3 (%)	Cr_2O_3 (ppm)	MnO (%)	P_2O_5 (%)	LOI (%)
201	YK- 278	Kdc	0.09	2.06	114	132	29	8	1	12	2.86	< 1	117	73.27	13.38	0.52	0.31	0.10	0.08	0.05	4.09	86	< 0.01	0.19	6.27
202	YK- 279	Kdc	0.08	2.45	372	166	38	46	< 1	26	6.50	< 1	88	65.11	14.06	0.08	0.27	0.19	0.08	0.03	9.29	304	< 0.01	0.26	9.63
203	YK- 280	Kdc	0.09	2.16	19	110	120	8	< 1	14	0.76	1	129	75.90	12.87	0.54	2.40	1.24	0.14	0.25	1.09	77	< 0.01	0.05	3.81
204	YK- 281	Kdc	0.12	1.86	27	93	32	7	3	72	0.28	2	366	80.17	11.20	0.43	0.28	2.85	0.07	0.53	0.40	115	0.01	0.05	2.23
205	YK- 283	Kdc	0.18	1.96	204	307	192	155	3	38	27.79	< 1	14	20.55	12.41	0.37	0.16	0.16	0.06	0.18	39.73	99	< 0.01	0.08	24.98
206	YK- 286	Cms	< 0.01	0.19	14	52	93	4	2	664	1.42	< 1	191	81.74	7.94	0.24	0.50	2.90	0.09	0.60	2.03	66	0.09	0.02	2.89
207	YK- 287	Ctf	< 0.01	< 0.01	19	69	78	10	< 1	761	2.27	< 1	195	58.69	11.06	0.32	0.73	2.37	5.54	2.95	3.25	1	0.10	0.11	14.07
208	YK- 288	Kdc	0.05	1.96	158	367	2,530	155	14	117	0.85	3	359	81.04	9.63	0.17	0.50	2.76	0.02	0.73	1.22	76	0.02	0.02	3.12
209	YK- 290	Kdc	0.06	2.35	18	40	20	73	9	39	3.50	< 1	62	86.02	4.06	0.08	0.34	1.07	0.06	0.13	5.00	115	< 0.01	0.02	3.52
210	HM- 6	Dp	< 0.01	0.49	19	87	43	16	1	198	1.61	< 1	413	72.25	12.53	0.29	4.77	3.78	1.41	0.16	2.30	47	0.03	0.06	1.71
211	HM- 7	Dp	0.01	< 0.01	22	76	48	6	< 1	425	1.56	< 1	396	72.98	11.93	0.28	5.36	2.04	2.74	0.36	2.23	121	0.05	0.08	1.46
212	HM- 12	Ctf	0.02	< 0.01	18	53	21	5	< 1	18	1.07	< 1	217	74.20	12.73	0.36	3.49	1.73	0.06	0.18	1.53	25	< 0.01	0.04	4.68
213	HM- 13	Ctf	< 0.01	0.20	18	79	66	3	1	1,680	2.94	< 1	98	75.03	11.45	0.30	0.54	2.75	0.04	0.60	4.20	155	0.22	0.05	4.60
214	HM- 14	Kdc	0.02	0.20	20	79	57	4	< 1	183	1.13	< 1	169	79.42	10.66	0.30	0.59	2.65	0.34	0.88	1.62	44	0.02	0.08	4.24
215	HM- 15	Ctf	< 0.01	1.27	260	103	2,070	41	1	677	2.96	< 1	245	66.71	11.75	0.32	1.31	2.66	3.07	1.93	4.23	54	0.09	0.09	7.10
216	HM- 16	Ctf	0.14	0.29	36	79	74	1	< 1	530	1.70	< 1	220	64.57	13.52	0.37	1.06	0.66	1.64	1.59	2.43	20	0.07	0.03	12.89
217	HM- 19	Cdp	< 0.01	0.29	17	93	47	4	1	159	1.34	< 1	600	72.58	12.03	0.15	4.16	5.22	0.31	0.41	1.92	53	0.02	0.04	2.42
218	HM- 21	Cdc	< 0.01	< 0.01	14	64	50	1	< 1	325	1.11	< 1	353	69.07	10.53	0.27	3.98	1.87	2.34	0.65	1.59	19	0.04	<0.01	8.81
219	HM- 22	Cdc	0.02	0.77	22	86	64	1	< 1	355	1.58	< 1	703	66.08	12.64	0.32	1.42	1.86	1.66	1.86	2.26	45	0.05	<0.01	12.13
220	HM- 24	Ctf	< 0.01	0.68	20	69	47	3	< 1	148	1.32	< 1	123	71.15	11.08	0.36	1.09	1.70	1.44	1.53	1.89	19	0.02	<0.01	9.04
221	HM- 25	Ctf	< 0.01	0.19	17	71	57	1	< 1	152	1.45	< 1	113	67.41	12.39	0.39	1.33	0.63	2.41	1.72	2.07	15	0.02	0.08	11.49
222	HM- 26	Ctf	0.02	0.87	18	50	35	3	1	153	1.00	< 1	1,040	77.77	11.15	0.28	0.65	4.64	0.18	0.40	1.43	67	0.02	0.08	2.78
223	HM- 27	Kdc	< 0.01	1.45	21	67	46	8	< 1	543	2.22	< 1	226	68.99	11.01	0.29	4.10	2.34	2.03	1.87	3.17	23	0.07	0.09	5.84
224	HM- 28	Kdc	0.03	0.68	24	64	80	18	< 1	327	2.23	< 1	99	74.81	11.23	0.31	3.97	1.66	0.10	0.41	3.19	57	0.04	0.09	3.32
225	HM- 29	Kdc	0.05	1.26	11	36	37	20	8	265	1.46	< 1	71	80.97	6.51	0.42	5.66	0.47	0.11	0.07	2.09	50	0.03	0.08	2.90
226	HM- 30	Kdc	< 0.01	0.87	48	82	80	3	< 1	1,370	3.12	< 1	364	52.89	10.18	0.30	1.70	1.61	7.75	3.24	4.46	31	0.18	0.07	16.44
227	HM- 32	Ctf	0.02	0.97	33	79	151	15	< 1	198	2.32	< 1	196	76.02	12.12	0.29	0.56	1.33	0.04	0.16	3.32	88	0.03	0.04	5.99
228	HM- 33	Ctf	< 0.01	1.04	12	75	72	4	< 1	652	1.61	< 1	344	70.07	13.09	0.34	4.73	5.22	0.25	0.63	2.30	34	0.08	0.10	2.98
229	HM- 39	Kdc	0.03	0.66	24	75	117	1	< 1	454	1.87	< 1	249	71.21	12.06	0.39	4.24	3.17	0.22	1.83	2.67	26	0.06	0.12	3.33
230	HM- 41	Kdc	< 0.01	0.75	11	69	38	3	1	2,070	0.94	< 1	89	70.03	8.31	0.15	0.58	2.03	4.19	2.54	1.34	53	0.27	0.04	9.62
231	HM- 42	Kdc	< 0.01	0.94	29	89	95	5	< 1	916	3.13	< 1	252	62.89	11.96	0.38	4.69	1.62	2.99	1.81	4.47	72	0.12	0.11	8.05
232	HM- 43	Kdc	< 0.01	1.23	22	77	59	1	< 1	1,010	2.20	< 1	80	66.16	10.29	0.30	3.81	1.52	3.79	2.15	3.15	63	0.13	0.10	9.50
233	HM- 44	Kdc	< 0.01	1.04	26	61	33	9	1	112	1.16	< 1	295	77.79	11.35	0.24	0.65	3.54	0.07	0.67	1.66	118	0.01	0.07	2.90
234	HM- 45	Kdc	< 0.01	1.13	56	103	145	2	< 1	1,470	5.18	2	317	65.17	13.90	0.44	3.97	1.89	0.18	0.45	7.41	20	0.19	0.11	5.57
235	HM- 46	Kdc	< 0.01	0.94	21	63	33	17	< 1	198	1.03	< 1	139	75.01	10.36	0.20	3.11	1.00	1.46	1.32	1.47	91	0.03	0.04	5.95
236	HM- 47	Kdc	< 0.01	1.04	20	92	42	47	19	290	4.49	< 1	223	64.75	10.86	0.85	4.70	1.09	0.31	3.26	6.42	73	0.04	0.24	6.39
237	HM- 48	Kdc	< 0.01	0.57	19	153	109	8	< 1	1,360	9.35	< 1	35	43.14	16.11	0.73	4.69	0.15	0.35	11.83	13.37	< 1	0.18	0.25	9.46
238	HM- 49	Kdc	0.03	1.03	85	64	83	4	< 1	513	1.25	< 1	179	75.29	11.11	0.19	4.27	1.42	0.14	2.36	1.79	94	0.07	0.07	2.69
239	HM- 50	Kdc	0.04	1.50	16	45	14	23	8	66	0.31	5	539	84.57	8.74	0.19	0.70	2.44	0.03	0.56	0.44	159	< 0.01	<0.01	2.13
240	HM- 52	Kdc	< 0.01	0.93	22	77	147	1	< 1	1,190	2.63	< 1	247	68.99	12.98	0.25	4.45	1.62	0.16	3.27	3.76	70	0.15	0.09	3.53
241	HM- 55	Dp	0.07	0.65	60	119	173	7	2	283	1.59	2	415	74.43	12.16	0.24	3.29	2.58	0.07	0.82	2.27	108	0.04	0.06	3.59
242	HM- 56	Dp	0.04	0.47	54	86	324	27	12	943	2.22	< 1	355	70.63	13.87	0.33	5.16	2.14	0.09	1.35	3.17	98	0.12	0.03	3.02
243	HM- 58	Dp	0.06	0.56	32	57	56	33	2	166	1.02	< 1	2,080	74.72	11.27	0.29	6.24	1.95	0.07	1.11	1.46	51	0.02	0.09	2.10
244	HM- 60	Dp	0.06	0.84	161	258	145	3	2	44	1.19	< 1	236	78.12	11.01	0.19	5.81	0.43	0.07	0.15	1.70	44	< 0.01	0.05	3.17
245	HM- 61	Cdc	0.05	2.62	37	60	28	141	1	136	0.81	< 1	324	79.43	10.88	0.27	0.69	2.73	0.04	0.87	1.16	114	0.02	0.06	3.19
246	HM- 62	Cdc	< 0.01	0.65	24	64	48	38	2	205	0.76	< 1	183	75.01	11.88	0.25	3.42	1.84	0.08	1.85	1.09	2,700	0.03	0.04	3.70
247	HM- 63	Cdc	0.02	0.19	12	58	62	13	< 1	108	0.57	< 1	231	77.68	11.75	0.31	0.80	2.26	0.08	1.53	0.81	159	0.01	0.04	4.06
248	HM- 64	Cdc	0.02	0.48	28	97	108	4	1	689	0.70	< 1	240	76.56	10.05	0.27	5.23	1.46	0.17	1.37	1.00	92	0.09	0.03	2.62
249	HM- 65	Ctf	< 0.01	1.26	17	86	103	37	1	160	1.39	< 1	338	68.87	14.56	0.31	6.20	2.23	0.21	1.44	1.99	23	0.02	0.04	3.74
250	HM- 66	Ctf	0.02	0.29	47	73	248	1	< 1	775	1.13	< 1	532	71.26	12.71	0.31	4.80	2.54	0.18	1.89	1.62	38	0.10	0.05	3.51

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
251	HM- 67	Ctf	0.08	0.97	288	164	246	224	7	218	4.58	6	384	70.12	11.94	0.32	1.28	1.56	0.18	1.73	6.55	158	0.03	0.15	5.23
252	HM- 69	Ctf	< 0.01	< 0.01	45	85	118	4	1	150	0.96	< 1	440	70.11	16.27	0.31	1.08	2.87	0.12	1.36	1.37	44	0.02	0.03	5.95
253	HM- 72	Ctf	0.05	0.29	21	94	117	33	2	82	1.10	< 1	219	73.57	14.01	0.30	1.53	2.02	0.20	1.17	1.57	39	0.01	0.04	4.71
254	HM- 75	Ctf	0.01	0.19	36	78	39	17	< 1	89	3.42	< 1	487	71.68	14.00	0.17	0.78	2.86	0.03	0.86	4.90	< 1	0.01	0.03	3.86
255	HM- 76	Ctf	< 0.01	0.19	33	74	44	14	< 1	110	2.49	< 1	711	73.01	14.61	0.25	0.79	2.83	0.06	0.91	3.56	67	0.01	0.09	3.82
256	HM- 77	Kt2	0.01	< 0.01	20	58	30	29	1	85	1.57	< 1	756	76.12	13.22	0.27	0.87	2.86	0.05	0.78	2.24	51	0.01	0.04	2.77
257	HM- 78	Kdc	0.01	0.39	38	48	62	11	< 1	861	1.08	< 1	174	75.42	9.71	0.28	8.17	0.67	0.03	1.40	1.54	51	0.11	0.08	1.75
258	HM- 81	Ctf	0.01	0.58	25	77	27	2	< 1	89	0.38	< 1	502	75.83	14.40	0.29	0.79	2.81	0.13	1.07	0.54	153	0.01	0.02	3.71
259	HM- 83	Kdc	0.04	0.58	23	71	27	25	9	45	0.54	2	643	80.92	11.20	0.23	0.80	2.34	0.05	0.56	0.77	85	< 0.01	0.02	2.28
260	HM- 84	Kdc	0.01	0.39	60	84	53	5	< 1	97	0.68	< 1	677	74.97	15.81	0.21	0.98	2.78	0.08	0.72	0.97	61	0.01	0.04	3.04
261	HM- 86	Kdc	< 0.01	0.48	32	71	50	11	< 1	375	1.42	< 1	203	66.99	15.36	0.34	4.49	2.82	0.06	2.33	2.03	77	0.05	0.05	4.54
262	HM- 87	Kdc	< 0.01	0.68	35	74	91	2	< 1	159	1.26	< 1	383	75.54	12.99	0.24	2.18	1.94	0.07	1.55	1.80	61	0.02	0.03	3.32
263	HM- 88	Kdc	0.07	0.19	29	68	27	36	< 1	83	1.48	5	505	76.40	13.22	0.20	0.78	3.08	0.04	0.64	2.12	72	0.01	0.02	3.17
264	HM- 90	Kdc	0.06	0.19	30	58	32	22	< 1	65	1.63	< 1	226	74.54	10.88	0.16	6.46	1.47	0.19	0.49	2.33	254	< 0.01	0.04	2.72
265	HM- 91	Kdc	0.05	< 0.01	185	71	47	1	< 1	113	4.19	7	211	72.00	11.94	0.21	0.81	2.82	0.08	0.56	5.99	405	0.01	0.02	4.91
266	HM- 92	Kdc	0.03	0.68	51	68	98	1	< 1	677	1.48	< 1	178	72.96	12.77	0.18	7.21	0.80	0.45	0.47	2.12	61	0.09	0.09	2.46
267	HM- 94	Kdc	0.04	0.68	28	47	53	1	< 1	375	1.04	3	303	73.85	13.54	0.08	5.85	1.32	0.15	0.46	1.49	208	0.05	0.04	2.22
268	HM- 95	Kdc	< 0.01	0.77	30	64	79	1	< 1	557	1.61	< 1	41	64.33	14.67	0.30	7.85	0.10	0.77	2.80	2.30	95	0.07	0.10	6.10
269	HM- 96	Kdc	< 0.01	0.96	34	88	211	4	< 1	267	2.56	< 1	211	66.20	16.84	0.33	4.62	0.13	0.09	1.03	3.66	20	0.03	0.02	6.03
270	HM- 97	Ctf	< 0.01	0.77	905	151	260	1	< 1	2,650	6.13	< 1	25	52.10	20.35	0.81	7.02	0.03	2.29	0.80	8.76	246	0.34	0.12	6.44
271	HM- 99	Ctf	< 0.01	1.06	35	43	275	1	< 1	788	1.28	< 1	89	72.46	13.33	0.17	5.85	0.96	0.13	1.94	1.83	61	0.10	0.04	2.46
272	HM- 100	Ctf	< 0.01	0.58	23	77	126	1	< 1	531	1.08	< 1	210	74.00	13.48	0.24	4.38	0.78	0.13	2.14	1.54	89	0.07	0.03	2.57
273	HM- 101	Cdc	< 0.01	0.39	35	69	28	1	< 1	28	0.25	< 1	363	73.51	14.29	0.10	0.94	2.25	0.04	4.06	0.36	273	< 0.01	0.03	3.51
274	HM- 102	Cdc	< 0.01	0.10	25	64	21	1	< 1	17	0.08	< 1	507	72.51	18.12	0.13	1.23	3.96	0.03	0.79	0.11	139	< 0.01	0.04	2.45
275	HM- 106	Cdc	0.02	0.39	39	64	98	16	4	65	0.76	< 1	460	72.33	14.26	0.10	0.92	2.43	0.62	2.27	1.09	89	< 0.01	0.11	5.46
276	HM- 107	Cdc	< 0.01	0.39	26	68	45	3	< 1	151	0.94	< 1	669	75.49	13.29	0.25	0.76	2.31	0.04	2.11	1.34	197	0.02	0.05	3.25
277	HM- 108	Cdc	< 0.01	0.67	33	87	51	11	< 1	204	2.19	< 1	616	70.95	15.55	0.27	0.77	3.02	0.04	2.70	3.13	79	0.03	0.10	3.92
278	HM- 109	Cdc	< 0.01	3.34	22	65	23	27	< 1	36	1.28	11	734	80.12	10.98	0.17	0.76	2.59	0.04	0.64	1.83	85	< 0.01	0.03	2.14
279	HM- 111	Cdc	< 0.01	6.68	28	91	82	1	1	137	0.67	< 1	627	69.12	15.35	0.31	5.90	3.41	0.14	1.51	0.96	127	0.02	0.05	2.92
280	HM- 112	Cdc	< 0.01	1.53	26	81	61	3	< 1	33	0.36	< 1	102	71.45	15.11	0.27	5.87	1.19	0.13	0.65	0.51	167	< 0.01	0.05	3.64
281	HM- 113	Dn	< 0.01	2.00	164	412	1,500	5	2	1,460	1.43	< 1	284	61.83	20.11	0.39	1.11	5.30	0.26	1.95	2.04	35	0.19	0.05	5.91
282	HM- 115	Ctf	< 0.01	0.19	22	88	30	5	< 1	77	1.11	< 1	139	72.38	12.94	0.29	6.94	0.76	0.19	0.84	1.59	45	< 0.01	0.03	3.24
283	HM- 116	Ctf	< 0.01	0.76	76	88	483	2	< 1	882	1.31	< 1	760	68.33	15.47	0.26	6.38	3.16	0.29	1.26	1.87	72	0.11	0.07	2.03
284	HM- 118	Ctf	< 0.01	0.86	37	95	70	1	< 1	226	1.16	< 1	69	62.05	18.66	0.39	0.74	1.07	0.17	1.99	1.66	48	0.03	0.02	12.27
285	HM- 119	Ctf	< 0.01	0.76	20	67	43	7	< 1	196	0.95	< 1	294	71.34	13.66	0.27	4.78	2.29	0.14	1.79	1.36	652	0.03	0.05	3.75
286	HM- 120	Ctf	< 0.01	0.76	96	123	203	2	< 1	1,410	2.12	< 1	659	54.54	22.18	0.44	3.96	4.28	0.06	4.10	3.03	801	0.18	0.11	6.13
287	HM- 121	Kdc	< 0.01	1.14	182	101	97	14	< 1	593	2.24	< 1	651	63.38	14.61	0.34	5.28	6.01	1.69	0.86	3.20	438	0.08	0.10	3.54
288	HM- 123	Kdc	0.02	1.14	26	99	89	3	< 1	730	2.55	< 1	416	65.52	15.90	0.47	6.49	3.29	1.83	0.48	3.65	117	0.09	0.03	2.99
289	HM- 124	Ctf	0.05	0.95	1,520	81	277	1	< 1	4,710	1.77	< 1	750	61.75	16.63	0.41	1.23	0.35	1.58	1.78	2.53	42	0.61	0.03	13.28
290	HM- 125	Kdc	0.06	1.42	48	37	90	8	< 1	291	2.00	< 1	350	67.50	16.34	0.33	6.83	2.42	1.62	0.35	2.86	101	0.04	0.10	1.31
291	HM- 126	Kdc	< 0.01	1.23	28	73	74	3	< 1	292	1.97	< 1	352	67.78	15.86	0.39	7.11	2.01	1.83	0.26	2.82	104	0.04	0.11	1.12
292	HM- 127	Ctf	0.05	1.33	33	92	65	1	< 1	126	1.09	< 1	252	69.99	12.83	0.30	2.67	1.36	2.39	1.36	1.56	80	0.02	0.03	6.51
293	HM- 128	Ctf	0.03	3.31	36	113	109	1	< 1	279	1.75	< 1	177	56.03	17.34	0.36	4.73	0.15	2.80	2.35	2.50	123	0.04	0.08	12.99
294	HM- 130	Ctf	0.04	1.23	116	145	118	7	< 1	442	7.78	< 1	366	42.00	22.59	0.99	0.73	0.88	0.33	2.24	11.12	140	0.06	0.09	18.41
295	HM- 132	Ctf	0.04	0.95	21	97	111	2	< 1	1,740	1.83	< 1	644	60.00	19.23	0.41	0.84	0.43	1.09	1.30	2.62	16	0.22	0.07	12.80
296	HM- 134	Ctf	0.03	0.85	17	78	81	2	< 1	61	0.90	< 1	167	68.80	15.89	0.31	0.68	0.11	0.60	1.29	1.29	64	< 0.01	0.08	11.61
297	HM- 135	Ctf	0.02	0.95	37	87	88	6	< 1	568	1.48	< 1	525	72.07	18.76	0.39	0.63	0.08	0.04	0.07	2.12	63	0.07	0.11	6.69
298	HM- 138	Ctf	0.03	0.48	17	91	80	27	< 1	870	2.41	< 1	173	70.19	11.14	0.36	0.77	0.94	3.95	1.89	3.45	50	0.11	0.11	7.03
299	HM- 139	Cdc	0.03	0.19	21	68	48	4	< 1	269	1.54	< 1	148	77.17	10.89	0.34	1.19	1.09	1.26	0.67	2.20	149	0.03	0.09	5.57
300	HM- 140	Ctf	0.03	0.38	28	97	129	4	< 1	691	3.85	< 1	265	55.03	14.10	0.64	0.84	0.35	1.62	3.11	5.50	39	0.09	0.05	18.74

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	NaZO (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
301	HM- 141	Ctf	0.04	0.48	58	102	116	3	< 1	311	5.30	< 1	126	51.97	13.74	0.82	1.14	1.54	1.88	4.59	7.58	1	0.04	0.06	17.08
302	HM- 142	Ctf	0.07	0.38	29	105	116	2	< 1	538	3.53	< 1	172	53.83	13.91	0.62	1.10	0.75	1.52	4.66	5.05	25	0.07	0.02	18.85
303	HM- 143	Cdc	0.02	1.73	30	181	53	41	2	52	0.38	< 1	1,030	77.82	12.90	0.31	1.94	2.44	0.15	0.54	0.54	74	< 0.01	0.11	2.68
304	HM- 147	Ctf	0.01	1.06	14	104	110	1	< 1	482	2.86	< 1	325	64.33	15.45	0.56	2.93	2.17	0.45	4.97	4.09	61	0.06	0.16	5.30
305	HM- 149	Kdc	< 0.01	0.58	20	57	39	2	< 1	213	1.04	< 1	254	76.31	11.67	1.66	4.09	1.33	0.11	1.14	1.49	161	0.03	0.04	1.67
306	HM- 151	Kdc	0.05	< 0.01	23	103	65	2	< 1	372	1.76	5	383	65.45	14.22	0.54	2.51	1.50	0.08	7.20	2.52	76	0.05	0.11	4.89
307	HM- 154	Kdc	0.02	0.38	15	83	16	1	< 1	24	0.09	1	1,780	72.08	16.82	1.61	1.11	4.38	0.06	0.15	0.13	177	< 0.01	0.03	3.00
308	HM- 155	Kdc	0.07	0.19	24	47	22	25	< 1	30	0.22	2	825	80.27	12.04	0.21	0.91	2.91	0.06	0.32	0.31	205	< 0.01	0.02	2.03
309	HM- 156	Kdc	0.01	0.29	18	66	22	3	< 1	24	0.32	< 1	1,620	71.45	17.42	0.54	1.17	4.25	0.07	0.61	0.46	57	< 0.01	0.03	2.94
310	HM- 157	Kdc	0.02	0.77	29	155	76	3	< 1	500	9.31	< 1	123	39.50	18.85	0.81	3.10	1.89	0.16	10.33	13.31	25	0.06	0.18	10.58
311	HM- 158	Kdc	0.02	1.16	20	32	79	5	< 1	310	0.92	1	146	80.19	9.55	0.10	3.73	0.54	0.14	1.76	1.32	251	0.04	0.02	1.58
312	HM- 159	Kdc	< 0.01	0.68	113	133	43	2	< 1	49	1.06	< 1	103	56.30	25.84	0.42	3.59	0.61	0.21	0.61	1.52	140	< 0.01	0.05	11.51
313	HM- 160	Kdc	0.05	0.77	10	43	19	1	< 1	26	0.09	1	1,190	82.20	11.72	0.23	0.87	3.06	0.15	0.52	0.13	181	< 0.01	0.10	1.77
314	HM- 161	Kdc	0.51	2.70	286	1,012	443	209	9	35	1.32	13	85	76.06	12.50	0.37	0.70	1.62	0.06	0.32	1.89	509	< 0.01	0.07	5.64
315	HM- 162	Kdc	0.05	0.77	29	114	215	8	4	8,030	5.85	< 1	22	44.00	9.91	0.30	0.82	0.02	18.65	12.53	8.36	132	1.04	0.15	3.56
316	HM- 163	Kdc	0.06	0.87	27	56	41	4	< 1	519	1.00	< 1	22	78.24	10.71	0.13	5.07	0.04	1.47	0.64	1.43	115	0.07	0.02	0.91
317	HM- 165	Kdc	0.04	< 0.01	23	51	56	1	< 1	277	0.87	< 1	159	77.13	11.05	0.15	3.89	0.71	0.27	2.64	1.24	57	0.04	0.02	1.92
318	HM- 167	Cad	0.03	2.12	7,860	169	668	6	1	2,260	12.48	9	20	35.89	16.39	0.11	0.83	0.02	16.67	6.09	17.84	34	0.29	0.06	5.04
319	HM- 171	Cad	< 0.01	1.25	287	159	126	10	< 1	2,590	8.73	< 1	25	38.81	19.07	0.82	0.77	0.01	17.72	4.62	12.48	522	0.34	0.18	4.20
320	HM- 172	Ctf	< 0.01	1.35	26	109	104	7	< 1	1,072	3.71	< 1	89	60.51	16.15	0.46	3.26	0.22	3.56	3.56	5.30	288	0.14	0.06	5.86
321	HM- 173	Kdc	< 0.01	0.87	28	76	98	2	< 1	706	2.66	< 1	387	69.96	14.41	0.32	4.51	1.66	0.24	1.73	3.80	18	0.09	0.10	2.11
322	HM- 174	Kdc	< 0.01	1.06	24	57	71	1	< 1	282	1.52	< 1	100	75.19	12.13	0.13	3.39	1.16	0.10	2.20	2.17	32	0.04	< 0.01	2.59
323	HM- 175	Ctf	< 0.01	0.39	21	80	95	1	< 1	733	1.74	< 1	193	73.54	12.75	0.29	4.16	0.83	0.27	1.93	2.49	25	0.09	0.07	2.71
324	HM- 176	Ctf	< 0.01	0.87	15	82	72	1	< 1	438	2.67	< 1	169	66.74	16.22	0.50	4.56	0.98	0.15	2.09	3.82	34	0.06	0.04	5.31
325	HM- 178	Kdc	< 0.01	0.97	16	58	34	1	< 1	40	1.03	< 1	139	77.33	11.86	0.13	4.33	0.56	0.16	0.81	1.47	44	< 0.01	0.03	2.33
326	HM- 179	Kdc	< 0.01	0.48	23	51	29	1	< 1	39	0.86	1	99	80.74	10.69	0.14	3.95	0.37	0.15	0.91	1.23	34	< 0.01	0.02	2.05
327	HM- 180	Kdc	0.02	0.87	20	95	51	2	< 1	442	1.88	1	124	63.46	17.83	0.47	6.57	0.38	1.85	4.00	2.69	38	0.06	0.20	1.67
328	HM- 181	Kdc	0.01	0.86	33	47	42	3	< 1	96	2.02	1	171	76.60	11.33	0.12	4.84	0.47	0.15	1.05	2.89	44	0.01	0.06	2.24
329	HM- 183	Dh	< 0.01	1.15	19	59	37	3	< 1	111	1.24	< 1	242	77.02	11.74	0.28	0.84	3.89	0.03	0.16	1.77	29	0.01	0.06	3.06
330	HM- 184	Ctf	< 0.01	0.96	32	77	82	38	< 1	85	2.89	2	937	67.17	16.83	0.56	0.97	2.23	0.08	0.35	4.13	16	0.01	0.14	6.56
331	HM- 185	Kt2	< 0.01	1.53	191	74	38	6	< 1	51	0.72	3	230	73.41	15.30	0.39	0.85	1.80	0.04	0.23	1.03	10	< 0.01	0.04	5.85
332	HM- 188	Kdc	< 0.01	0.96	27	50	50	4	< 1	208	1.24	< 1	310	78.66	10.68	0.27	3.60	1.50	1.56	0.34	1.77	194	0.03	0.04	1.13
333	HM- 189	Kdc	< 0.01	1.92	27	82	71	1	< 1	155	1.69	< 1	182	69.39	12.13	0.30	2.02	0.79	1.46	2.10	2.42	53	0.02	0.03	9.77
334	HM- 192	Kt1	< 0.01	1.63	44	92	84	2	< 1	211	1.97	< 1	208	65.36	13.19	0.33	2.52	0.29	2.85	2.23	2.82	63	0.03	0.07	9.40
335	HM- 194	Cad	< 0.01	0.86	66	139	143	49	21	2,050	6.68	< 1	150	48.00	18.55	0.92	4.90	0.85	4.19	3.87	9.55	10	0.26	0.26	7.91
336	HM- 196	Cad	< 0.01	0.96	98	128	129	2	< 1	1,160	6.45	< 1	100	47.91	18.41	0.93	4.94	0.64	8.38	3.62	9.22	44	0.15	0.19	5.80
337	HM- 198	Ctf	< 0.01	0.96	160	121	107	2	< 1	2,040	6.03	< 1	68	36.47	14.35	0.81	3.38	1.66	14.08	3.89	8.62	< 1	0.26	0.10	17.39
338	HM- 199	Cad	0.04	1.23	210	135	141	1	< 1	2,570	7.86	< 1	102	42.06	17.55	1.42	4.30	0.40	9.71	5.80	11.24	200	0.33	0.14	7.59
339	HM- 201	Cad	1.69	1.52	47	113	148	1	< 1	2,120	5.71	< 1	250	54.26	17.19	1.15	5.26	0.52	6.23	3.07	8.16	22	0.27	0.23	4.42
340	HM- 205	Cad	0.01	1.42	177	130	115	4	< 1	1,620	8.93	< 1	227	44.50	16.02	1.40	5.58	0.48	5.00	5.65	12.77	< 1	0.21	0.13	7.86
341	HM- 212	Nd	0.64	1.33	20	73	66	5	< 1	153	1.77	1	305	73.32	13.57	0.35	4.31	2.49	1.75	0.18	2.53	133	0.02	0.05	1.14
342	HM- 213	Cnv	< 0.01	1.23	28	74	50	4	< 1	335	1.39	< 1	221	71.45	14.44	0.43	2.45	2.52	0.98	0.43	1.99	168	0.04	0.02	4.51
343	HM- 214	Nd	0.08	0.95	18	83	61	2	< 1	765	1.97	< 1	334	74.25	12.41	0.37	2.51	1.94	0.84	0.51	2.82	88	0.10	0.03	3.51
344	HM- 216	Nd	< 0.01	1.14	39	78	41	46	1	185	0.88	5	398	77.05	12.30	0.17	1.00	3.75	0.11	0.75	1.26	110	0.02	0.03	2.51
345	HM- 218	Cdp	0.03	1.04	11	53	51	6	< 1	58	1.09	< 1	27	81.32	10.77	0.11	0.78	0.11	0.10	0.12	1.56	39	< 0.01	0.03	4.23
346	HM- 219	Cdp	0.05	2.75	78	312	37	62	10	67	0.79	1	235	76.64	11.60	0.12	0.92	2.19	0.13	0.63	1.13	54	< 0.01	0.02	6.34
347	HM- 220	Cdp	< 0.01	1.04	33	45	55	5	< 1	80	1.14	< 1	196	79.75	9.01	0.10	4.53	2.36	0.64	0.13	1.63	145	0.01	0.02	1.10
348	HM- 221	Ctf	0.03	1.42	18	85	87	9	< 1	2,330	2.02	< 1	146	65.56	14.51	0.33	3.67	1.17	0.42	0.93	2.89	118	0.30	0.04	9.32
349	HM- 222	Ctf	< 0.01	1.61	29	86	123	15	7	1,140	2.24	< 1	195	61.00	14.79	0.26	3.79	0.45	1.09	1.74	3.20	129	0.15	0.03	12.44
350	HM- 223	Cad	< 0.01	1.61	41	159	167	3	< 1	2,140	9.34	< 1	86	44.29	18.18	1.53	8.18	0.28	2.42	6.42	13.35	9	0.28	0.19	4.31

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
351	HM- 224	Kdc	< 0.01	1.70	21	61	42	1	< 1	337	1.22	< 1	258	74.81	11.00	0.26	6.75	0.94	0.29	1.26	1.74	99	0.04	0.04	2.02
352	HM- 226	Kdc	0.03	1.80	26	53	28	11	3	79	1.67	2	351	76.22	11.07	0.37	3.69	2.46	0.15	0.48	2.39	1,311	0.01	0.07	2.63
353	HM- 227	Cad	< 0.01	1.13	94	142	617	3	< 1	2,400	7.73	< 1	42	48.43	17.95	0.86	7.06	0.10	0.46	6.12	11.05	73	0.31	0.06	6.56
354	HM- 229	Cad	< 0.01	1.32	77	149	170	2	< 1	2,640	8.16	< 1	94	41.23	16.53	1.25	6.47	0.74	6.13	6.33	11.67	4,144	0.34	0.16	8.12
355	HM- 231	Kdc	0.03	1.32	24	41	36	4	< 1	62	1.46	1	318	77.92	10.01	0.11	6.75	0.73	0.38	0.28	2.09	355	< 0.01	0.02	1.25
356	HM- 232	Cad	< 0.01	1.89	46	160	316	1	< 1	4,590	7.63	< 1	26	35.81	17.97	0.48	8.01	0.15	6.90	7.53	10.91	196	0.59	0.13	10.56
357	HM- 234	Db	0.02	1.61	14	152	444	5	< 1	280	8.54	< 1	832	47.35	21.75	0.83	5.27	4.91	0.25	0.58	12.21	< 1	0.04	0.25	5.46
358	HM- 236	Db	< 0.01	0.78	52	155	117	24	< 1	667	3.47	< 1	766	66.46	12.94	0.62	2.40	2.44	1.58	3.35	4.96	709	0.09	0.17	4.09
359	HM- 237	Kdc	< 0.01	1.08	18	101	115	1	< 1	721	2.85	< 1	216	69.50	13.08	0.44	3.73	1.64	0.71	2.74	4.07	19	0.09	0.12	3.40
360	HM- 239	Kdc	< 0.01	1.96	21	75	52	59	< 1	48	1.04	1	1,070	75.30	11.17	0.42	0.65	3.11	0.22	3.65	1.49	80	< 0.01	0.11	2.93
361	HM- 241	Cad	< 0.01	0.88	38	149	109	6	1	1,120	7.27	< 1	63	47.97	14.93	0.99	1.09	2.31	0.59	8.13	10.39	1,311	0.14	0.05	12.60
362	HM- 242	Cad	< 0.01	0.98	92	131	101	3	< 1	637	4.78	< 1	75	55.48	15.63	1.03	2.56	1.44	2.43	3.03	6.83	44	0.08	0.09	10.47
363	HM- 246	Cad	< 0.01	1.08	77	163	240	3	< 1	1,710	7.81	< 1	99	47.89	15.63	1.32	4.14	0.81	8.16	2.16	11.17	< 1	0.22	0.36	8.13
364	HM- 247	Cad	< 0.01	0.98	16	62	54	2	< 1	1,270	5.26	< 1	270	44.08	14.70	0.90	2.84	0.55	9.35	3.00	7.52	< 1	0.16	0.03	16.40
365	HM- 251	Cad	< 0.01	1.17	18	162	181	3	< 1	1,670	7.39	< 1	102	50.13	15.44	0.72	2.70	1.18	3.18	7.78	10.57	37	0.22	0.19	7.65
366	HM- 252	Dh	< 0.01	1.17	29	330	215	6	< 1	139	1.72	< 1	355	76.66	10.24	0.60	3.59	1.29	1.83	0.41	2.46	126	0.02	0.03	2.39
367	HM- 253	Cad	0.02	0.88	21	84	129	2	< 1	88	6.49	< 1	489	40.28	13.72	0.34	2.20	1.24	12.35	6.48	9.28	89	0.01	0.03	13.84
368	HM- 256	Ctf	< 0.01	1.26	304	123	210	1	< 1	1,480	0.88	< 1	73	66.00	16.38	1.12	0.84	1.68	0.53	1.21	1.26	15	0.19	0.15	10.39
369	HM- 257	Ctf	0.02	0.87	20	170	195	28	9	2,210	0.62	< 1	139	77.02	11.74	0.76	2.51	4.04	0.17	0.22	0.89	48	0.29	0.10	1.96
370	HM- 258	Cdc	0.05	1.93	31	98	70	69	2	55	0.34	< 1	974	80.13	10.28	0.33	0.71	4.55	0.05	0.53	0.49	111	< 0.01	0.02	1.98
371	HM- 259	Cdc	< 0.01	1.26	15	85	44	7	< 1	48	0.28	< 1	989	78.11	12.11	0.35	1.12	2.86	0.10	0.50	0.40	35	< 0.01	0.03	3.40
372	HM- 260	Ctf	< 0.01	0.97	21	137	86	6	< 1	195	1.53	< 1	297	62.39	18.27	0.65	0.86	1.81	0.41	1.03	2.19	32	0.03	0.03	11.65
373	HM- 263	Kdc	< 0.01	0.87	27	93	80	2	< 1	235	1.25	< 1	1,360	66.53	12.72	0.41	1.64	1.49	2.32	1.28	1.79	551	0.03	0.02	10.77
374	HM- 267	Ctf	0.05	1.86	36	99	83	1	< 1	245	1.20	< 1	158	68.31	11.07	0.37	0.39	0.27	1.13	2.67	1.72	257	0.03	0.09	12.31
375	HM- 270	Dh	0.12	2.06	106	202	64	40	2	80	3.46	2	77	67.13	15.87	0.54	0.35	0.34	0.10	0.09	4.95	132	0.01	0.17	9.17
376	HM- 272	Dh	< 0.01	0.97	31	148	352	5	< 1	101	1.53	< 1	421	58.15	18.27	0.75	0.98	0.96	1.32	1.69	2.19	38	0.01	0.05	14.87
377	HM- 275	Dh	0.12	1.86	28	195	22	2	< 1	14	0.45	3	115	52.12	30.86	0.12	0.50	0.02	0.08	0.01	0.64	91	< 0.01	0.34	14.32
378	HM- 277	Kdc	0.24	2.51	32	420	1,300	6	2	30	1.03	2	376	78.36	11.88	0.46	0.27	0.54	0.07	0.05	1.47	54	< 0.01	0.07	5.53
379	HM- 279	Kdc	0.34	5.13	96	237	2,570	43	12	38	2.21	3	86	78.74	9.96	0.34	0.26	2.22	0.09	0.13	3.16	104	< 0.01	0.10	3.98
380	HM- 280	Kdc	0.58	17.20	549	15,800	114,000	147	10	96	7.25	2	35	37.19	17.46	0.82	0.49	3.72	0.20	0.28	10.37	61	0.01	0.13	12.37
381	HM- 282	Dh	0.04	2.03	19	122	135	1	< 1	418	1.47	< 1	138	72.98	12.79	0.35	1.89	1.23	0.32	3.65	2.10	115	0.05	0.12	3.98
382	HM- 283	Ad	0.10	2.03	27	180	329	38	< 1	2,000	6.32	< 1	50	73.66	13.34	0.40	0.98	0.26	0.11	0.15	9.04	47	0.26	0.38	6.99
383	HM- 284	Kdc	0.09	1.93	26	136	68	12	< 1	66	5.41	< 1	27	67.71	13.02	0.33	2.13	0.23	0.22	0.16	7.73	288	< 0.01	0.42	7.27
384	HM- 286	Kdc	< 0.01	0.77	21	85	21	16	< 1	25	0.15	1	110	77.78	13.08	1.28	1.44	0.28	0.38	0.13	0.21	53	< 0.01	0.05	5.46
385	HM- 287	Kdc	0.11	2.32	20	106	24	26	< 1	26	2.44	7	341	75.27	11.58	0.39	0.44	3.02	0.08	0.40	3.49	602	< 0.01	0.04	3.65
386	HM- 288	Kdc	0.15	2.13	64	163	102	112	1	419	9.77	37	44	53.35	10.09	0.56	0.30	1.56	0.36	5.72	13.97	99	0.05	0.23	13.37
387	HM- 289	Kdc	0.03	1.06	20	92	53	5	< 1	276	1.36	< 1	432	77.20	10.54	0.31	0.71	1.18	0.18	3.22	1.94	37	0.04	0.09	5.12
388	HM- 291	Kdc	0.04	1.06	25	99	68	24	1	201	1.45	6	766	78.20	10.51	0.51	1.16	2.78	0.08	1.18	2.07	155	0.03	0.08	3.20
389	HM- 292	Ctf	< 0.01	1.05	20	88	159	1	< 1	299	0.75	< 1	112	75.19	12.17	0.36	2.79	1.56	0.21	2.39	1.07	61	0.04	0.06	4.01
390	HM- 294	Dh	0.01	2.38	18	95	64	5	1	58	0.21	< 1	737	76.49	12.38	0.34	1.99	4.03	0.14	0.81	0.30	22	< 0.01	0.03	3.26
391	HM- 297	Ctf	0.02	1.43	34	124	324	2	< 1	772	1.47	< 1	333	70.25	14.45	0.56	2.33	1.88	0.20	4.43	2.10	107	0.10	0.04	6.24
392	HM- 298	Ctf	0.01	1.33	24	118	128	30	1	649	1.67	< 1	306	74.66	12.32	0.47	0.70	3.64	0.09	1.03	2.39	434	0.08	0.05	4.13
393	HM- 301	Kdc	< 0.01	1.33	14	96	62	2	< 1	473	1.64	< 1	352	74.70	11.49	0.38	2.43	1.96	0.11	2.59	2.34	26	0.06	0.11	3.54
394	HM- 302	Kdc	0.02	1.14	14	104	58	4	< 1	569	2.33	1	966	75.20	12.70	0.28	0.71	2.52	0.08	2.37	3.33	37	0.07	0.09	3.67
395	HM- 303	Kdc	0.03	1.05	17	71	39	3	< 1	260	1.35	< 1	435	75.24	12.09	0.24	0.75	1.63	0.28	2.11	1.93	12	0.03	0.11	4.63
396	HM- 304	Kdc	< 0.01	1.33	11	96	129	20	5	229	1.06	< 1	563	78.05	10.18	0.33	0.78	2.50	0.15	4.13	1.52	15	0.03	0.10	3.29
397	HM- 307	Kdc	0.03	1.05	22	82	40	3	< 1	105	0.83	< 1	308	78.00	11.51	0.36	2.88	1.65	0.12	1.53	1.19	246	0.01	0.07	3.16
398	HM- 309	Kdc	< 0.01	1.05	18	145	102	2	< 1	943	2.26	< 1	651	68.00	15.49	0.52	1.93	2.33	0.14	4.06	3.23	25	0.12	0.10	4.94
399	HM- 310	Kdc	< 0.01	1.32	12	89	36	1	< 1	219	0.84	< 1	247	69.75	14.81	0.43	3.67	2.16	0.13	3.37	1.20	26	0.03	-0.03	3.65
400	HM- 311	Kdc	< 0.01	1.32	18	75	44	4	< 1	278	1.05	< 1	155	75.20	13.30	0.28	3.33	1.20	0.11	0.66	1.50	58	0.04	0.10	3.23

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
401	HM- 312	Kdc	< 0.01	1.23	11	95	35	2	< 1	317	1.41	< 1	96	64.91	13.36	0.32	0.73	0.57	1.20	4.51	2.02	12	0.04	0.07	11.56
402	HM- 313	Kdc	< 0.01	1.13	15	101	46	6	< 1	331	1.80	< 1	617	74.11	12.19	0.32	0.80	2.82	0.10	2.55	2.57	101	0.04	0.09	3.38
403	HM- 314	Kdc	< 0.01	1.23	27	40	19	30	2	49	1.01	5	583	84.94	7.18	0.35	0.50	2.23	0.07	0.38	1.44	66	< 0.01	0.02	1.57
404	HM- 316	Ctf	< 0.01	1.70	18	105	37	18	< 1	97	4.59	< 1	494	70.85	12.51	0.56	2.29	1.44	0.12	0.68	6.56	25	0.01	0.17	3.78
405	HM- 317	Ctf	0.08	1.61	12	103	57	16	< 1	429	3.04	< 1	210	69.44	12.87	0.78	3.13	1.66	0.13	2.12	4.35	20	0.06	0.08	4.11
406	HM- 320	Kdc	0.07	1.80	12	125	128	5	< 1	1,440	4.52	< 1	120	61.04	12.41	0.66	2.45	1.05	0.55	5.22	6.46	64	0.19	0.17	7.73
407	HM- 321	Kt2	0.85	1.42	16	130	192	6	< 1	1,210	5.73	< 1	246	61.10	17.36	0.85	1.56	1.91	0.08	0.56	8.19	12	0.16	0.12	7.12
408	HM- 322	Kdc	0.13	1.98	23	77	33	6	< 1	73	0.97	< 1	265	76.25	12.94	0.29	2.67	1.95	0.09	0.75	1.39	70	< 0.01	0.04	2.85
409	HM- 324	Kdc	< 0.01	1.81	75	93	188	2	< 1	1,100	1.61	< 1	265	74.90	12.11	0.19	2.75	1.73	0.11	1.46	2.30	91	0.14	0.04	3.08
410	HM- 362	Kdc	< 0.01	2.09	25	102	68	5	< 1	404	1.60	5	1,140	72.26	13.81	0.36	0.57	2.90	0.08	2.21	2.29	58	0.05	0.03	4.50
411	HM- 327	Kdc	0.03	2.09	217	197	44	8	1	46	8.48	< 1	566	69.89	9.05	0.17	0.42	2.48	0.06	0.38	12.12	50	< 0.01	0.07	4.31
412	HM- 328	Kdc	< 0.01	1.52	10	75	55	5	< 1	238	0.89	< 1	674	77.29	11.03	0.20	0.40	2.38	0.21	2.11	1.27	75	0.03	0.05	3.94
413	HM- 329	Kdc	0.02	2.57	50	63	22	66	< 1	74	1.93	16	112	84.22	6.31	0.24	0.34	1.93	0.07	0.40	2.76	168	< 0.01	0.02	2.68
414	HM- 330	Kdc	0.07	5.33	386	619	441	80	5	21	2.93	13	62	86.15	3.84	0.16	0.30	1.04	0.07	0.20	4.19	221	< 0.01	0.01	3.38
415	HM- 333	Ctf	< 0.01	1.80	18	198	84	3	< 1	217	1.87	1	132	60.03	13.93	0.46	0.62	0.14	0.94	3.15	2.67	48	0.03	0.03	17.07
416	HM- 335	Kdc	0.02	1.43	26	125	123	3	< 1	483	1.92	1	250	61.53	13.30	0.45	1.44	0.12	2.55	3.33	2.75	210	0.06	0.03	13.99
417	HM- 336	Db	< 0.01	1.81	25	104	76	12	1	367	2.41	1	502	72.59	12.30	0.41	3.46	2.00	2.50	0.20	4.12	127	0.05	0.12	1.41
418	HM- 339	Cad	< 0.01	1.71	18	121	156	4	< 1	1,050	3.71	< 1	135	69.27	12.30	0.35	4.07	0.78	0.38	3.48	6.28	134	0.14	0.14	2.53
419	HM- 343	Ctf	< 0.01	0.20	32	113	122	1	< 1	166	3.78	< 1	67	55.23	14.83	0.66	0.38	0.31	0.21	2.75	5.40	20	0.02	0.03	19.28
420	HM- 344	Ctf	< 0.01	0.20	30	97	110	16	1	470	2.77	< 1	99	66.56	16.68	0.67	0.57	1.27	0.10	0.41	3.96	20	0.06	0.03	8.80
421	HM- 345	Ctf	< 0.01	0.20	34	105	101	2	< 1	44	1.69	< 1	68	58.91	19.24	0.81	0.47	0.13	0.11	1.01	2.42	70	< 0.01	0.03	15.94
422	HM- 346	Nd	< 0.01	1.20	13	69	42	6	1	33	0.76	< 1	242	75.32	13.68	0.40	0.98	1.76	0.49	0.22	1.09	422	< 0.01	0.04	4.85
423	HM- 347	Kdc	< 0.01	< 0.01	13	51	23	17	< 1	56	0.30	2	451	83.37	8.92	0.93	0.34	2.45	0.08	0.50	0.43	124	< 0.01	0.01	2.32
424	HM- 348	Cdp	0.03	1.79	15	117	87	87	2	37	5.75	3	76	77.16	6.12	0.06	0.26	1.76	0.09	0.30	8.22	92	< 0.01	0.02	5.45
425	HM- 349	Cnv	< 0.01	0.10	27	194	114	3	< 1	1,270	2.92	< 1	209	65.81	13.68	0.50	1.05	0.22	1.29	1.33	4.17	63	0.16	0.04	10.75
426	HM- 350	Cdc	< 0.01	0.20	19	66	60	9	< 1	755	1.79	< 1	122	74.26	13.34	0.50	0.84	2.18	0.14	0.27	2.56	16	0.10	0.09	4.73
427	HM- 351	Ctf	< 0.01	0.20	15	61	96	3	< 1	2,140	1.80	< 1	461	67.52	11.47	0.45	0.90	0.79	1.92	1.77	2.57	16	0.28	0.07	11.45
428	HM- 352	Kt2	0.15	2.22	71	218	80	15	8	80	7.83	< 1	3,210	66.82	12.53	0.60	0.60	0.89	0.31	0.50	11.19	184	0.01	0.28	5.53
429	HM- 353	Ctf	0.10	2.22	2,040	212	128	13	2	42	1.38	1	51	52.26	27.38	0.85	0.85	1.52	0.46	0.88	1.97	32	< 0.01	0.22	12.67
430	KM- 2	Cdc	< 0.01	0.30	31	92	85	27	1	144	1.52	2	469	73.99	12.81	0.44	0.46	2.46	0.09	1.26	2.17	4	0.02	0.04	5.46
431	KM- 3	Cdc	< 0.01	0.69	16	46	22	9	1	66	0.63	1	226	83.26	8.90	0.34	3.06	1.02	0.20	0.17	0.90	133	< 0.01	0.02	1.51
432	KM- 4	Cdc	< 0.01	0.59	23	54	36	15	1	88	0.71	2	1,150	80.09	10.43	0.34	2.37	0.77	0.57	0.38	1.02	123	0.01	0.04	2.82
433	KM- 5	Dh	< 0.01	0.20	26	20	22	6	1	216	0.78	< 1	177	75.01	12.24	0.38	6.41	3.37	0.20	0.06	1.12	66	0.03	0.03	1.03
434	KM- 6	Dh	< 0.01	< 0.01	14	54	48	5	< 1	718	1.23	< 1	365	78.82	9.81	0.33	4.03	1.76	0.12	0.18	1.76	18	0.09	0.03	2.04
435	KM- 8	Dh	< 0.01	< 0.01	23	51	65	4	< 1	676	1.39	< 1	356	78.09	10.98	0.33	3.48	2.17	1.01	0.33	1.99	41	0.09	0.02	1.99
436	KM- 10	Cdc	< 0.01	0.59	22	59	34	3	< 1	237	0.52	< 1	668	79.15	9.81	0.29	1.28	4.10	1.01	0.13	0.74	120	0.03	0.03	2.38
437	KM- 16	Kdc	< 0.01	0.40	20	61	71	18	< 1	369	1.16	< 1	520	78.41	11.94	0.43	0.36	2.73	0.09	0.55	1.66	37	0.05	0.07	3.00
438	KM- 17	Kdc	0.01	0.50	22	80	25	79	2	35	4.18	9	172	73.41	11.81	0.44	0.38	3.25	0.10	0.65	5.98	44	< 0.01	0.16	4.26
439	KM- 18	Db	0.03	0.20	22	61	36	39	< 1	113	1.16	2	444	78.20	10.86	0.33	0.38	2.55	0.09	2.37	1.66	77	0.01	0.06	2.86
440	KM- 19	Dn	< 0.01	0.30	83	134	147	16	1	1,020	4.15	< 1	825	62.80	15.21	0.73	3.03	2.82	3.58	3.27	5.93	155	0.13	0.13	2.93
441	KM- 20	Kdc	< 0.01	0.29	22	77	65	4	< 1	349	1.55	< 1	388	73.28	13.79	0.42	0.44	2.71	0.10	3.39	2.22	48	0.05	0.07	3.85
442	KM- 23	Cdc	< 0.01	0.20	26	34	46	25	1	72	0.37	< 1	324	81.31	6.76	0.42	4.88	2.22	0.36	0.30	0.53	25	< 0.01	0.02	2.12
443	KM- 29	Cdc	< 0.01	0.29	44	47	28	110	3	35	3.05	8	222	78.99	6.63	0.17	0.23	1.83	0.09	0.48	4.36	37	< 0.01	0.17	6.55
444	KM- 30	Kdc	0.29	1.86	426	299	148	209	23	65	22.93	13	158	55.65	3.78	0.12	0.22	0.73	0.09	0.23	32.78	< 1	< 0.01	0.04	6.75
445	KM- 33	Cdc	0.01	0.49	85	81	136	13	1	345	2.05	2	1,060	72.59	14.59	0.57	0.40	3.42	0.11	0.68	2.93	19	0.04	0.11	3.53
446	KM- 38	Kdc	< 0.01	0.49	203	73	42	19	< 1	136	1.73	< 1	304	75.26	13.06	0.44	1.82	1.60	0.18	0.45	2.47	25	0.02	0.05	4.21
447	KM- 39	Db	< 0.01	0.10	39	118	89	23	1	608	3.77	< 1	731	65.98	12.87	0.57	2.51	2.79	2.15	2.75	5.39	73	0.08	0.12	3.77
448	KM- 44	Db	< 0.01	1.18	46	125	129	8	2	134	1.09	6	1,970	77.08	10.88	0.39	0.86	6.68	0.10	0.08	1.56	69	0.02	0.07	1.17
449	KM- 47	Cdc	0.02	0.98	18	62	42	35	< 1	441	0.93	< 1	172	78.77	10.69	0.20	0.39	4.61	0.10	0.12	1.33	75	0.06	0.04	2.71
450	KM- 49	Cdc	< 0.01	0.49	20	61	76	2	< 1	360	1.30	< 1	287	73.34	9.92	0.45	1.24	3.57	1.68	0.30	1.86	20	0.05	0.03	6.82

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
451	KM- 51	Dp	0.04	1.17	27	70	67	6	< 1	456	1.71	< 1	247	75.83	11.70	0.41	0.88	3.40	0.21	0.14	2.44	51	0.06	0.08	5.95
452	KM- 54	Ctf	< 0.01	0.68	22	67	79	15	1	1,210	1.55	< 1	225	79.82	8.82	0.37	0.77	2.57	0.12	0.13	2.22	69	0.16	0.06	3.56
453	KM- 58	Cdc	< 0.01	1.07	29	79	98	17	< 1	1,020	2.05	< 1	644	72.95	13.77	0.56	2.70	2.47	0.88	0.16	2.93	45	0.13	0.08	3.47
454	KM- 60	Cdc	0.01	0.78	18	58	49	6	< 1	275	0.94	1	672	79.14	10.79	0.26	1.42	3.01	0.27	0.10	1.34	92	0.04	0.07	3.06
455	KM- 61	Ctf	< 0.01	0.78	18	110	161	2	< 1	300	3.74	< 1	136	52.58	17.78	0.83	1.42	0.58	2.77	2.55	5.35	6	0.04	0.07	16.04
456	KM- 64	Dh	< 0.01	0.88	37	67	61	15	< 1	312	1.47	< 1	341	75.68	12.19	0.47	4.03	1.57	1.96	0.12	2.10	128	0.04	0.10	0.83
457	KM- 66	Ctf	< 0.01	0.88	14	62	111	4	< 1	220	1.95	< 1	575	69.37	7.97	0.46	0.65	0.23	1.72	2.27	2.79	7	0.03	0.02	13.49
458	KM- 74	Cnv	< 0.01	0.10	32	93	123	65	22	196	3.39	< 1	57	50.83	17.14	0.61	0.46	0.19	0.31	4.54	4.85	41	0.03	0.04	22.01
459	KM- 75	Cnv	< 0.01	0.39	39	115	170	3	< 1	979	3.42	< 1	203	50.81	16.93	0.65	0.44	0.30	1.48	4.64	4.89	16	0.13	0.06	20.30
460	KM- 76	Cnv	< 0.01	0.88	15	66	73	10	1	140	1.73	< 1	319	76.27	10.34	0.44	1.79	1.48	1.74	0.75	2.47	66	0.02	0.02	3.81
461	KM- 77	Cnv	< 0.01	0.68	35	111	274	2	< 1	302	2.55	< 1	145	58.57	16.02	0.51	1.01	0.31	1.67	2.55	3.65	94	0.04	0.04	14.61
462	KM- 79	Cnv	0.02	0.77	18	116	111	1	< 1	96	1.79	< 1	193	62.44	16.87	0.50	0.74	0.06	1.47	2.37	2.56	67	0.01	0.03	11.80
463	KM- 81	Cnv	< 0.01	0.87	78	168	591	7	3	52	1.84	< 1	15	55.66	19.90	0.52	0.44	0.02	0.13	2.39	2.63	63	< 0.01	0.04	17.38
464	KM- 86	Cdc	< 0.01	1.06	21	38	23	29	< 1	36	0.40	3	605	84.26	9.32	0.28	0.38	2.39	0.13	0.45	0.57	199	< 0.01	0.02	2.14
465	KM- 89	Cdc	0.01	1.06	19	103	72	2	< 1	460	4.40	< 1	152	63.38	14.96	1.06	4.62	0.64	0.17	3.23	6.29	50	0.06	0.09	4.95
466	KM- 90	Cdc	< 0.01	0.29	25	47	39	1	< 1	107	0.52	< 1	84	84.30	7.52	0.16	2.94	0.32	0.13	0.68	0.74	146	0.01	0.02	2.48
467	KM- 91	Dh	0.06	0.97	22	18	44	1	< 1	376	1.63	< 1	18	75.22	13.07	0.11	6.03	0.11	0.08	0.07	2.33	19	0.05	< 0.01	2.38
468	KM- 93	Dh	< 0.01	0.68	17	41	71	2	< 1	158	0.97	< 1	177	83.39	8.79	0.12	4.31	1.11	0.20	0.18	1.39	148	0.02	0.02	0.72
469	KM- 95	Çad	< 0.01	0.77	60	141	186	5	2	2,070	6.99	< 1	93	55.39	15.53	0.92	6.19	0.14	3.64	3.20	9.99	86	0.27	0.17	4.18
470	KM- 97	Çad	0.02	0.77	19	63	107	4	1	552	1.78	< 1	269	75.95	12.60	0.34	2.91	2.00	0.12	0.35	2.54	113	0.07	0.07	2.43
471	KM- 98	Çad	0.04	1.88	168	153	134	6	< 1	1,570	6.98	< 1	153	50.95	16.51	0.65	4.60	0.58	6.27	5.64	9.98	31	0.20	0.10	3.60
472	KM- 102	Kdc	< 0.01	1.79	13	73	38	5	< 1	132	0.89	< 1	290	78.69	11.90	0.18	2.79	0.69	0.17	0.50	1.27	64	0.02	0.03	3.13
473	KM- 103	Kdc	< 0.01	1.79	26	85	81	6	< 1	1,380	1.85	< 1	321	56.68	12.64	0.28	0.38	1.37	10.90	0.38	2.64	23	0.18	0.07	14.01
474	KM- 104	Ctf	0.03	1.69	82	84	85	11	< 1	781	1.20	< 1	227	69.56	8.96	0.24	0.28	1.78	6.95	0.27	1.72	77	0.10	0.05	9.44
475	KM- 105	Ctf	0.01	1.69	27	57	62	12	< 1	342	0.66	< 1	223	82.07	8.64	0.21	0.49	2.46	0.81	0.07	0.94	159	0.04	0.05	3.55
476	KM- 107	Kdc	< 0.01	1.79	28	105	76	7	< 1	353	0.81	< 1	1,250	78.28	10.52	0.28	0.27	3.17	1.30	0.51	1.16	57	0.05	0.06	4.09
477	KM- 108	Nd	< 0.01	1.98	16	88	63	1	< 1	176	0.97	< 1	440	67.34	14.53	0.31	1.98	0.95	2.52	1.33	1.39	238	0.02	0.06	8.84
478	KM- 110	Kdc	0.02	1.88	31	80	115	1	< 1	102	0.76	< 1	748	75.69	14.08	0.34	0.30	4.68	0.10	0.36	1.09	51	0.01	0.08	2.33
479	KM- 112	Kdc	< 0.01	1.79	21	50	31	< 1	< 1	65	1.44	< 1	43	80.61	9.28	0.08	4.88	0.08	0.21	0.28	2.06	108	< 0.01	0.03	1.48
480	KM- 113	Kdc	0.03	1.98	23	37	32	1	< 1	387	0.90	< 1	20	82.44	9.46	0.11	4.62	0.02	1.33	0.41	1.29	132	0.05	0.02	0.66
481	KM- 115	Çad	< 0.01	1.58	61	150	166	3	< 1	2,020	8.48	< 1	73	54.81	14.15	0.74	3.44	0.15	6.11	4.91	12.12	80	0.26	0.10	2.89
482	KM- 117	Çad	< 0.01	1.78	20	135	250	42	18	2,500	5.79	< 1	46	54.56	12.91	0.48	3.87	0.24	5.01	6.05	8.28	51	0.32	0.14	7.47
483	KM- 118	Çad	< 0.01	1.38	82	148	266	2	< 1	1,910	6.69	< 1	74	55.03	15.99	0.77	3.92	0.28	1.57	6.95	9.56	13	0.25	0.24	4.87
484	KM- 119	Çad	< 0.01	2.07	14	63	52	1	< 1	394	1.46	< 1	193	79.11	10.68	0.29	3.68	0.89	0.27	1.24	2.09	151	0.05	0.09	1.78
485	KM- 120	Çad	0.02	1.48	18	60	77	1	< 1	639	1.49	< 1	244	77.18	10.43	0.30	3.03	1.34	0.28	1.19	2.13	159	0.08	0.09	3.58
486	KM- 121	Çad	0.03	1.87	60	153	307	1	< 1	3,140	8.16	< 1	31	42.70	16.19	0.49	4.93	0.16	6.84	7.15	11.67	66	0.41	0.12	8.90
487	KM- 124	Ctf	0.03	1.87	329	620	1,310	75	4	181	1.67	26	651	77.37	11.24	0.31	0.82	3.43	0.29	0.63	2.39	849	0.02	0.07	3.11
488	KM- 126	Kdc	< 0.01	1.68	132	112	209	11	< 1	852	3.25	< 1	630	72.42	13.42	0.36	0.32	2.83	0.12	0.76	4.65	208	0.11	0.09	4.21
489	KM- 132	Kdc	< 0.01	1.68	41	119	160	8	< 1	1,340	4.19	< 1	384	67.42	12.74	0.57	0.38	2.78	0.11	3.55	5.99	39	0.17	0.10	5.86
490	KM- 133	Kdc	0.07	1.68	32	65	64	< 1	< 1	498	1.30	< 1	256	75.27	10.92	0.39	1.78	2.23	0.17	3.40	1.86	47	0.06	0.12	3.23
491	KM- 136	Cdc	< 0.01	1.55	32	67	53	4	2	408	0.87	< 1	358	77.00	10.81	0.32	2.66	3.89	1.06	0.25	1.24	80	0.05	0.03	2.02
492	KM- 137	Cdc	< 0.01	1.84	28	66	55	1	< 1	158	0.59	< 1	2,000	76.95	9.60	0.32	0.74	4.01	0.99	0.50	0.84	171	0.02	0.02	5.02
493	KM- 140	Cdc	< 0.01	1.75	30	82	90	3	< 1	596	1.27	< 1	279	72.24	12.07	0.40	1.15	4.42	1.61	0.78	1.82	41	0.08	0.26	4.94
494	KM- 141	Ctf	< 0.01	1.84	29	94	115	< 1	< 1	504	1.39	< 1	477	65.79	11.90	0.42	1.47	2.30	2.17	1.82	1.99	117	0.07	0.02	11.06
495	KM- 142	Cdp	< 0.01	1.75	17	111	81	6	1	276	1.16	< 1	155	75.80	13.38	0.21	0.26	1.88	0.10	0.17	1.66	26	0.04	0.08	5.36
496	YH- 1	Kdc	< 0.01	1.65	15	177	59	2	< 1	52	1.20	< 1	75	81.96	9.49	0.20	2.94	0.36	0.14	0.15	1.72	199	< 0.01	0.04	2.49
497	YH- 2	Kdc	< 0.01	1.55	19	79	86	2	< 1	425	1.09	< 1	212	79.68	10.54	0.37	3.26	0.67	0.29	0.58	1.56	631	0.05	0.06	2.50
498	YH- 3	Dp	< 0.01	1.84	24	77	148	8	3	828	1.69	< 1	99	76.95	10.11	0.29	5.14	0.13	1.27	0.66	2.42	200	0.11	0.11	2.40
499	YH- 4	Dp	< 0.01	1.75	18	48	76	< 1	< 1	493	1.52	< 1	147	83.57	6.92	0.27	4.60	0.76	0.38	0.28	2.17	111	0.06	0.10	1.32
500	YH- 5	Kdc	< 0.01	1.94	39	126	199	< 1	< 1	1,650	2.98	< 1	225	70.22	13.53	0.49	5.03	1.29	0.34	1.18	4.26	56	0.21	0.15	2.79

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
501	YH- 6	Ctf	0.03	2.05	50	141	135	1	< 1	1,860	8.08	< 1	136	44.42	15.91	0.60	4.03	0.63	5.86	8.76	11.55	482	0.24	0.11	8.96
502	YH- 9	Ctf	< 0.01	2.05	71	126	135	1	< 1	1,320	4.92	< 1	372	48.98	15.15	0.43	3.99	1.85	8.47	3.55	7.03	137	0.17	0.12	9.39
503	YH- 10	Ctf	< 0.01	1.66	45	107	106	< 1	< 1	1,260	4.42	< 1	345	52.81	13.91	0.38	3.15	1.55	8.09	2.72	6.32	126	0.16	0.13	9.73
504	YH- 11	Ctf	< 0.01	1.86	91	113	139	1	< 1	1,870	5.50	< 1	319	49.97	13.15	0.59	3.52	1.47	8.77	3.45	7.86	922	0.2	0.18	9.74
505	YH- 14	Ad	< 0.01	2.15	38	117	165	2	< 1	1,370	6.94	< 1	96	57.04	14.21	0.72	3.23	0.17	5.89	3.88	9.92	1,400	0.18	0.24	3.52
506	YH- 15	Ctf	< 0.01	1.76	30	112	103	1	< 1	323	1.53	< 1	167	58.44	15.99	0.44	0.43	0.26	1.30	3.66	2.19	132	0.04	0.02	16.81
507	YH- 18	Kt2	< 0.01	2.25	23	95	82	4	< 1	179	1.80	< 1	156	67.47	14.30	0.47	0.26	1.06	0.55	1.46	2.57	96	0.02	0.03	10.75
508	YH- 20	Kt1	< 0.01	2.05	18	126	173	7	< 1	685	6.55	< 1	153	54.16	15.66	0.68	1.89	0.76	0.46	4.05	9.36	< 1	0.09	0.08	11.73
509	YH- 22	Kt1	< 0.01	1.37	61	107	155	6	< 1	1,530	7.36	< 1	47	60.77	16.97	0.74	0.30	0.30	0.10	0.20	10.52	< 1	0.20	0.14	8.80
510	YH- 23	Kt1	< 0.01	1.86	16	61	64	1	< 1	437	1.32	< 1	96	70.08	10.51	0.32	1.59	0.88	2.50	1.36	1.89	57	0.06	0.04	9.79
511	YH- 25	Cad	0.04	1.37	54	119	135	2	< 1	834	3.82	< 1	361	59.23	15.99	0.59	3.54	2.25	4.39	1.46	5.46	34	0.11	0.18	5.80
512	YH- 28	Cad	0.03	1.56	136	159	144	4	< 1	1,660	7.74	< 1	73	45.79	16.38	0.56	5.32	0.46	6.53	6.40	11.07	31	0.21	0.09	8.51
513	YH- 29	Cad	0.05	1.76	67	123	212	1	< 1	1,830	4.07	< 1	46	58.44	18.29	0.44	6.63	0.05	1.30	4.00	5.82	57	0.24	0.17	3.82
514	YH- 33	Cad	0.08	1.76	17	126	124	1	< 1	2,320	3.51	< 1	62	59.82	15.97	0.47	3.19	0.11	5.57	6.25	5.02	184	0.30	0.17	4.48
515	YH- 35	Cad	0.06	1.95	23	120	74	1	< 1	1,320	4.50	< 1	56	57.26	15.93	0.52	3.88	0.08	7.11	5.16	6.43	86	0.17	0.14	3.06
516	YH- 36	Nd	0.05	2.05	20	60	33	1	< 1	391	0.91	< 1	61	78.09	10.69	0.21	5.09	0.19	1.20	0.90	1.30	209	0.05	0.05	1.21
517	YH- 38	Kdc	0.05	1.86	16	124	124	50	< 1	2,330	7.44	< 1	62	47.85	18.23	0.47	6.43	0.32	2.20	5.90	10.64	854	0.30	0.17	6.92
518	YH- 39	Kdc	0.06	1.76	23	122	74	1	< 1	1,320	0.12	< 1	56	74.10	15.13	0.52	0.40	3.73	0.21	0.14	0.17	669	0.17	0.14	2.27
519	YH- 40	Kdc	0.05	1.86	13	61	24	< 1	< 1	146	0.17	< 1	430	82.03	9.35	0.19	1.36	1.53	0.21	2.82	0.24	365	0.02	0.04	2.17
520	YH- 41	Cnv	0.05	1.76	22	89	90	1	< 1	63	2.22	< 1	66	64.65	14.27	0.42	0.31	0.09	0.45	2.26	3.17	58	< 0.01	0.02	13.75
521	YH- 44	Cnv	< 0.01	1.46	30	76	72	6	< 1	225	1.95	< 1	29	77.51	11.98	0.47	0.27	0.31	0.06	0.13	2.79	77	0.03	0.05	5.83
522	YH- 45	Ctf	< 0.01	1.75	24	86	92	3	< 1	195	2.23	< 1	99	69.35	14.55	0.57	0.71	1.78	0.55	0.78	3.19	72	0.03	0.04	7.76
523	YH- 46	Ctf	< 0.01	1.85	17	90	98	1	< 1	107	1.73	< 1	284	65.21	12.00	0.50	0.50	0.11	1.37	2.37	2.47	120	0.01	0.02	15.06
524	YH- 50	Cad	< 0.01	1.85	19	136	111	4	1	2,590	9.00	< 1	40	42.03	9.58	0.37	0.32	0.06	27.48	4.84	12.87	73	0.33	0.13	2.34
525	YH- 51	Cad	< 0.01	1.75	19	124	74	4	< 1	6,820	9.72	< 1	10	41.24	9.86	0.25	0.15	0.01	29.20	1.41	13.90	210	0.88	0.06	2.18
526	YH- 60	Cad	0.01	1.56	51	134	225	1	< 1	2,810	8.00	< 1	22	54.11	14.89	1.21	4.43	0.03	2.20	5.38	11.44	449	0.36	0.15	5.16
527	YH- 61	Cad	< 0.01	1.75	25	123	192	2	< 1	3,120	4.96	< 1	23	57.17	13.34	0.65	0.51	0.05	7.85	7.05	7.09	395	0.40	0.13	4.80
528	YH- 62	Cad	< 0.01	1.75	31	141	221	4	< 1	2,050	6.99	< 1	20	49.50	15.82	0.71	2.36	0.02	12.43	4.43	9.99	305	0.26	0.18	3.27
529	YH- 65	Cdc	0.04	1.95	23	76	40	46	1	87	1.50	3	75	79.49	9.73	0.53	0.26	2.61	0.14	0.63	2.14	101	0.01	0.03	3.38
530	YH- 66	Ctf	< 0.01	1.56	15	28	20	14	1	32	0.57	1	206	85.37	5.22	0.33	4.12	1.84	0.15	0.11	0.81	133	< 0.01	0.04	0.96
531	YH- 69	Do	0.02	1.85	118	141	177	4	< 1	1,930	8.89	< 1	35	48.54	15.76	1.37	2.05	0.09	10.48	6.07	12.71	19	0.25	0.14	3.53
532	YH- 71	Kdc	0.02	2.53	24	51	31	16	1	20	0.34	< 1	965	75.28	5.69	0.40	4.25	1.96	0.21	0.05	0.49	114	< 0.01	0.01	11.77
533	YH- 72	Kdc	0.04	1.95	23	100	92	46	2	274	1.54	< 1	151	57.81	13.98	0.51	0.43	0.37	1.30	4.99	2.20	113	0.04	0.03	17.88
534	YH- 74	Kdc	0.09	1.85	21	61	44	31	< 1	347	1.07	1	511	77.68	10.94	0.43	0.31	2.87	0.11	2.04	1.53	289	0.04	0.06	3.23
535	YH- 75	Kdc	0.05	1.75	71	66	63	36	< 1	171	1.45	1	350	74.94	12.40	0.24	0.35	2.94	0.10	2.11	2.07	61	0.02	0.05	3.82
536	YH- 76	Kdc	0.02	1.75	18	89	60	4	< 1	270	1.80	< 1	249	72.99	13.25	0.56	2.82	1.95	0.17	1.46	2.57	32	0.04	0.06	3.23
537	YH- 77	Kdc	< 0.01	1.75	106	94	156	4	< 1	325	2.11	1	1,090	73.12	12.62	0.48	2.33	2.13	0.18	2.17	3.02	91	0.04	0.14	2.85
538	YH- 79	Kdc	< 0.01	1.85	35	67	55	5	< 1	122	0.96	< 1	309	79.71	10.32	0.39	1.39	2.14	0.14	1.03	1.37	232	0.02	0.09	2.38
539	YH- 81	Kdc	0.09	1.95	24	92	79	71	< 1	619	2.79	9	334	65.18	12.28	0.43	0.44	1.55	4.32	2.36	3.99	134	0.08	0.13	8.19
540	YH- 82	Kdc	0.06	1.66	66	97	32	607	1	56	3.93	< 1	175	68.82	13.85	0.51	0.69	3.26	0.14	0.98	5.62	807	< 0.01	0.06	5.13
541	YH- 83	Kdc	0.06	1.96	164	85	101	65	< 1	325	1.87	4	378	74.70	12.07	0.27	0.31	2.90	0.11	2.27	2.67	221	0.04	0.07	3.67
542	YH- 84	Kdc	0.04	1.76	26	64	85	21	< 1	86	1.27	< 1	196	76.02	13.25	0.09	2.52	1.03	0.10	0.55	1.82	47	0.01	0.03	3.85
543	YH- 85	Kdc	0.01	1.76	17	74	126	21	1	201	1.37	< 1	151	74.91	11.64	0.56	4.50	0.53	0.21	1.08	1.96	241	0.03	0.07	3.52
544	YH- 86	Kdc	0.11	2.55	75	114	38	61	3	114	0.61	2	763	82.90	8.79	0.46	0.28	3.21	0.11	0.27	0.87	142	0.01	0.04	2.11
545	JI- 1	Kt2	0.07	2.75	212	723	3,020	23	27	67	2.21	5	64	80.36	8.65	0.25	0.27	2.32	0.10	0.38	3.16	314	< 0.01	0.02	3.44
546	JI- 2	Kt2	0.01	1.76	29	54	321	2	1	236	2.56	< 1	65	76.98	7.97	1.03	4.74	0.12	0.15	0.41	3.66	29	0.03	0.10	3.83
547	JI- 4	Kdc	1.02	1,890.00	15,800	57,800	3,200	2,100	7,230	39	0.79	14	70,700	71.10	1.38	0.07	0.13	0.28	0.09	0.11	1.13	234	< 0.01	0.01	2.93
548	JI- 5	Kdc	0.04	2.94	446	328	222	37	8	160	6.61	1	1,030	67.26	11.70	0.61	0.31	2.55	0.10	1.73	9.45	123	0.02	0.17	5.17
549	JI- 6	Kdc	0.13	4.41	606	1,070	133	3,640	94	85	31.62	2	502	38.00	4.18	0.27	0.19	1.04	0.10	0.28	45.21	26	0.01	0.15	9.44
550	JI- 7	Kdc	0.06	2.35	157	248	88	738	22	82	6.82	11	18	29.47	25.70	1.45	0.75	0.03	0.06	15.91	9.75	26	0.01	0.08	16.72

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (%)	Mo (ppm)	Ba (ppm)	SiO2 (%)	Al2O3 (%)	TiO2 (%)	Na2O (%)	K2O (%)	CaO (%)	MgO (%)	Fe2O3 (%)	Cr2O3 (ppm)	MnO (%)	P2O5 (%)	LOI (%)
551	JI- 8	Kdc	0.08	2.16	20	70	22	19	5	68	0.35	1	672	81.13	10.52	0.45	0.32	2.95	0.12	0.58	0.50	276	< 0.01	0.02	2.58
552	JI- 10	Ctf	0.56	24.90	75	104	94	287	134	18	2.30	28	170	90.45	1.72	0.14	0.19	0.48	0.07	0.07	3.29	307	< 0.01	< 0.01	2.48
553	JI- 11	Kdc	0.45	5.49	149	96	110	188	26	27	9.91	19	30	73.47	2.42	0.12	0.13	0.60	0.07	0.07	14.17	300	< 0.01	0.02	7.94
554	JI- 12	Kdc	0.09	3.14	105	59	37	47	21	26	1.49	5	322	91.20	3.27	0.20	0.13	0.84	0.08	0.18	2.13	222	< 0.01	0.01	1.57
555	JI- 13	Kdc	0.03	1.86	25	71	23	23	5	161	1.38	3	427	78.85	10.45	0.38	0.27	2.94	0.08	0.07	1.97	56	0.02	0.02	3.38
556	JI- 14	Kdc	0.08	2.16	75	1,360	48	58	3	52	0.57	2	566	80.88	10.15	0.39	0.39	3.06	0.08	0.68	0.81	82	< 0.01	0.08	2.55
557	JI- 15	Kdc	0.07	1.76	59	93	70	7	2	176	0.67	< 1	339	75.53	11.81	0.39	0.35	2.84	0.08	3.38	0.96	66	0.02	0.04	3.62
558	JI- 16	Kdc	0.05	2.25	42	93	66	71	17	128	0.64	3	308	77.06	11.49	0.36	3.64	1.01	0.15	2.29	0.92	130	0.02	0.09	2.66
559	JI- 17	Kdc	0.04	1.86	34	90	83	7	3	65	0.40	< 1	74	81.38	9.11	0.43	3.40	0.59	0.15	0.78	0.57	140	< 0.01	0.02	2.34
560	JI- 18	Kdc	< 0.01	1.96	29	71	50	10	1	232	0.98	1	325	76.14	11.47	0.37	0.75	2.41	0.10	2.55	1.40	39	0.03	0.09	3.68

Rock Samples

No.	Sample No.	Rock	Ce (ppm)	Eu (ppm)	La (ppm)	Lu (ppm)	Nd (ppm)	Sm (ppm)	Tb (ppm)	Th (ppm)	U (ppm)	Yb (ppm)
1	YK- 89	Ctf	36	1	20	2	14	8	10	6	5	2
2	YK- 90	Cdc	26	< 1	12	< 1	12	3	10	2	3	2
3	YK- 91	Ctf	43	< 1	24	3	17	3	11	4	2	3
4	YK- 92	Cdc	26	< 1	12	< 1	8	3	26	3	2	1
5	YK- 93	Dh	37	< 1	20	< 1	15	< 1	10	4	2	2
6	YK- 94	Cdc	18	< 1	8	1	< 5	< 1	13	2	1	< 1
7	YK- 218	Kdc	38	< 1	16	1	13	7	7	2	1	< 1
8	YK- 220	Kdc	28	< 1	12	1	8	6	13	2	1	< 1
9	YK- 221	Kdc	31	< 1	14	1	10	3	17	3	1	< 1
10	YK- 222	Kdc	38	< 1	16	< 1	10	6	34	2	1	< 1
11	YK- 223	Kdc	22	< 1	6	< 1	< 5	< 1	5	2	1	< 1
12	YK- 224	Kdc	23	< 1	8	1	< 5	3	17	2	1	< 1
13	YK- 225	Kdc	23	< 1	5	< 1	< 5	< 1	9	2	1	< 1
14	YK- 226	Kdc	42	< 1	19	1	10	17	14	4	2	< 1
15	YK- 227	Kdc	27	< 1	10	< 1	< 5	3	17	3	1	< 1
16	YK- 228	Kdc	34	< 1	11	2	< 5	< 1	12	3	1	1
17	YK- 237	Db	36	< 1	10	1	< 5	5	15	1	1	< 1
18	YK- 238	Ctf	23	< 1	3	< 1	< 5	2	25	3	1	< 1
19	YK- 239	Ctf	40	< 1	13	< 1	8	3	18	4	2	1
20	YK- 264	Kdc	31	< 1	10	3	6	< 1	16	4	2	< 1
21	YK- 265	Kdc	39	< 1	10	1	7	6	10	3	1	< 1
22	YK- 266	Kdc	41	< 1	15	2	12	1	11	4	2	2
23	YK- 267	Kdc	27	< 1	8	1	7	5	18	3	1	< 1
24	YK- 268	Kdc	29	< 1	11	1	8	2	25	4	6	1
25	YK- 269	Kdc	39	< 1	19	1	10	< 1	9	1	2	< 1
26	YK- 270	Kdc	31	< 1	12	< 1	< 5	2	14	4	6	< 1
27	YK- 272	Kdc	27	< 1	6	< 1	< 5	2	10	3	1	< 1
28	YK- 273	Kdc	37	< 1	11	2	6	4	7	3	1	< 1
29	YK- 274	Kdc	27	< 1	10	1	< 5	2	12	3	2	< 1
30	YK- 275	Kdc	27	< 1	8	< 1	< 5	1	8	3	1	2
31	YK- 276	Kdc	21	< 1	5	1	< 5	2	11	1	1	< 1
32	YK- 277	Kdc	27	< 1	6	1	< 5	1	11	4	2	2
33	YK- 278	Kdc	38	< 1	10	< 1	7	3	16	2	1	< 1
34	YK- 279	Kdc	34	< 1	12	1	6	3	6	4	1	< 1
35	YK- 280	Kdc	28	< 1	8	2	< 5	4	13	3	2	2
36	YK- 281	Kdc	34	< 1	8	< 1	5	6	9	3	1	< 1
37	YK- 283	Kdc	25	< 1	5	< 1	< 5	5	11	2	2	< 1
38	HM- 267	Ctf	42	< 1	21	1	14	5	11	3	2	3
39	HM- 270	Dh	49	< 1	17	2	14	4	7	3	1	< 1
40	HM- 275	Dh	49	< 1	23	< 1	10	< 1	6	6	1	< 1
41	HM- 277	Kdc	23	< 1	6	2	< 5	< 1	11	3	2	1
42	HM- 279	Kdc	40	< 1	11	< 1	8	3	13	2	1	< 1
43	HM- 280	Kdc	24	< 1	6	< 1	< 5	< 1	11	3	3	< 1
44	HM- 282	Dh	35	< 1	16	< 1	14	6	7	2	1	2
45	HM- 283	Ad	18	< 1	3	< 1	< 5	2	10	1	1	< 1
46	HM- 284	Kdc	29	< 1	7	< 1	13	6	9	1	1	1
47	HM- 287	Kdc	30	< 1	8	< 1	< 5	6	11	2	2	< 1
48	HM- 288	Kdc	25	< 1	6	< 1	9	3	14	1	1	< 1
49	HM- 352	Kt2	36	< 1	17	< 1	16	5	14	2	1	< 1
50	HM- 353	Ctf	38	< 1	9	< 1	12	4	9	7	6	< 1

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
1	A- 1	Cdc	<0.01	0.39	160	104	135	13	<1	1,190	42,900	2	192
2	A- 2	Dh	0.07	<0.01	137	94	109	8	<1	762	36,700	<1	265
3	A- 4	Dh	0.03	0.2	105	242	240	33	<1	852	50,300	1	290
4	A- 5	Kdc	0.04	0.2	33	100	71	71	<1	168	24,300	4	264
5	A- 6	Kdc	0.05	0.29	31	103	70	17	<1	69	26,200	2	113
6	A- 8	Kdc	0.02	0.2	303	193	127	84	<1	140	16,600	2	133
7	A- 9	Kdc	0.05	0.49	43	131	82	47	<1	113	18,900	2	1,190
8	A-10	Kdc	0.04	0.29	41	101	123	11	<1	140	29,700	<1	123
9	A-11	Kdc	0.03	<0.01	47	91	59	10	<1	212	16,600	1	192
10	A-12	Kdc	0.03	0.1	61	90	74	11	<1	374	20,400	1	212
11	A-13	Kdc	0.02	<0.01	36	127	61	28	<1	417	20,300	1	224
12	A-14	Ctf	<0.01	0.59	21	77	80	30	<1	238	17,700	<1	103
13	A-15	Ctf	<0.01	0.29	27	85	72	30	4	232	19,600	1	187
14	A-16	Ctf	<0.01	<0.01	97	78	87	23	<1	352	15,200	1	146
15	A-17	Ctf	0.01	<0.01	126	69	142	10	<1	510	18,200	<1	293
16	A-18	Ctf	<0.01	0.2	43	62	86	13	<1	328	17,400	1	129
17	A-19	Ctf	0.02	0.2	114	92	64	16	<1	176	15,200	<1	145
18	A-20	Ctf	0.01	0.88	155	114	141	19	<1	314	22,700	<1	262
19	A-21	Ctf	0.03	0.39	247	125	123	20	<1	424	31,700	<1	104
20	A-22	Ctf	0.02	<0.01	26	76	29	16	<1	107	16,900	1	213
21	A-23	Kdc	<0.01	0.67	54	70	64	25	<1	77	23,500	8	537
22	A-24	Ctf	0.08	0.67	57	117	79	22	<1	129	19,700	3	376
23	A-25	Nd	0.04	0.19	41	107	74	20	<1	154	22,800	6	630
24	A-26	Kdc	0.02	0.67	24	109	81	11	<1	325	38,900	3	261
25	A-27	Ctf	0.01	0.38	217	104	112	26	<1	315	26,300	1	387
26	A-28	Nd	0.06	0.87	171	100	91	31	<1	117	22,200	1	290
27	A-29	Nd	0.03	1.15	450	123	117	34	<1	170	22,000	<1	184
28	A-32	Kt2	0.04	0.87	87	99	154	20	<1	865	40,000	1	113
29	A-34	Ctf	<0.01	0.38	18	54	24	4	<1	73	14,500	<1	238
30	A-36	Kt2	0.04	1.25	94	124	63	59	<1	203	48,400	9	549
31	A-38	Kt2	3.15	61.5	1460	10100	470	1090	9	95	133,000	65	293
32	A-39	Kt2	0.01	1.34	242	180	125	99	47	391	30,900	1	238
33	A-40	Kt2	0.01	1.63	226	210	115	76	3	358	31,500	2	318
34	A-41	Ctf	0.05	1.63	141	144	206	34	2	902	32,000	1	213
35	A-42	Ctf	0.04	1.06	25	83	49	13	<1	195	23,000	<1	226
36	A-43	Cdc	0.04	0.58	108	99	94	12	<1	710	26,600	2	253
37	A-44	Cdc	0.03	0.77	219	107	120	18	<1	873	29,700	2	183

Soil Samples

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
38	A-45	Ctf	<0.01	0.67	31	90	67	32	<1	243	20,400	1	143
39	A-46	Ctf	0.12	2.02	61	292	33	86	<1	58	26,800	5	1,830
40	A-48	Kdc	0.1	0.58	44	102	79	76	3	1,210	24,200	1	210
41	A-49	Kdc	0.14	0.48	106	101	103	48	<1	696	39,200	2	306
42	A-50	Kdc	0.17	1.06	80	98	101	29	<1	236	26,000	6	459
43	A-51	Kdc	0.15	0.77	70	334	233	302	<1	1,030	32,100	2	465
44	A-52	Kdc	0.12	0.48	87	284	267	308	3	2,670	30,700	<1	297
45	A-53	Kdc	0.08	0.48	88	164	262	165	<1	790	28,800	<1	339
46	A-54	Kdc	0.12	0.77	50	118	119	191	<1	1,060	27,000	1	253
47	A-55	Kdc	0.13	0.58	25	108	83	52	<1	270	25,500	<1	363
48	A-56	Kdc	0.14	0.68	18	110	78	57	<1	323	17,900	<1	232
49	A-57	Kdc	0.14	0.48	20	134	77	49	<1	569	18,600	<1	269
50	A-58	Kdc	0.15	0.48	20	137	66	53	<1	276	18,000	1	239
51	A-59	Kdc	0.07	1.24	79	106	108	53	<1	578	32,600	<1	315
52	T- 1	Cdc	0.06	0.38	54	98	87	15	<1	530	46,400	2	194
53	T- 3	Dh	0.14	0.67	24	71	148	24	<1	133	23,600	<1	185
54	T- 4	Dh	0.17	0.38	35	82	68	13	3	192	26,400	<1	264
55	T- 6	Kdc	0.19	0.38	26	62	89	6	<1	466	17,400	1	149
56	T- 8	Kdc	0.24	1.91	347	356	390	62	<1	925	29,500	2	391
57	T- 9	Kdc	0.15	0.86	66	113	174	12	3	1,240	43,900	2	146
58	T-10	Kdc	0.04	0.29	64	135	209	22	<1	1,580	53,500	<1	275
59	T-11	Kdc	0.26	0.76	63	143	184	18	<1	499	47,400	1	167
60	T-12	Kdc	0.2	1.53	223	239	201	27	<1	914	42,400	<1	174
61	T-13	Kdc	0.02	1.07	217	170	104	8	<1	66	33,400	2	154
62	T-14	Ctf	0.06	0.58	237	169	103	42	<1	774	38,300	1	113
63	T-15	Ctf	0.04	<0.01	28	119	129	7	2	1,065	50,500	<1	188
64	T-16	Dh	<0.01	<0.01	21	132	126	4	<1	474	42,700	<1	134
65	T-17	Dh	0.02	<0.01	153	148	234	6	<1	450	53,900	<1	97
66	T-18	Dh	<0.01	0.19	737	85	138	9	<1	183	20,300	1	192
67	T-19	Dh	0.04	0.49	169	121	178	19	<1	444	35,600	1	90
68	T-21	Kdc	<0.01	0.68	50	99	72	11	<1	267	19,500	<1	210
69	T-22	Kdc	<0.01	<0.01	31	128	71	13	<1	240	20,200	<1	171
70	T-25	Kdc	<0.01	0.39	21	81	31	26	<1	83	23,700	1	928
71	T-26	Kdc	<0.01	0.39	73	115	106	17	<1	295	35,900	<1	312
72	T-27	Kdc	0.06	0.29	35	134	130	17	<1	446	31,200	<1	329
73	T-28	Kdc	0.01	0.19	39	136	107	12	<1	463	35,200	1	357
74	T-29	Kdc	<0.01	<0.01	96	146	158	23	<1	287	36,200	<1	313

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
75	T-30	Kdc	0.02	<0.01	174	123	234	38	<1	209	43,400	2	194
76	T-31	Kdc	<0.01	<0.01	58	128	119	45	<1	346	32,000	<1	280
77	T-32	Kdc	<0.01	0.97	33	146	170	39	<1	739	32,300	<1	358
78	T-33	Kdc	<0.01	0.1	30	124	64	46	<1	424	31,700	<1	134
79	T-34	Kdc	0.06	<0.01	28	347	113	162	<1	495	22,300	<1	295
80	T-35	Kdc	0.03	<0.01	29	144	80	50	<1	404	24,000	<1	325
81	H- 1	Ctf	0.02	<0.01	31	128	88	14	<1	840	43,500	<1	447
82	H- 2	Ctf	<0.01	<0.01	84	89	72	6	<1	132	19,100	2	114
83	H- 3	Kdc	0.01	<0.01	20	77	74	9	<1	120	16,300	1	113
84	H- 4	Dh	<0.01	<0.01	13	67	59	13	<1	159	18,400	1	165
85	H- 5	Dh	<0.01	<0.01	18	71	53	6	<1	120	17,900	2	199
86	H- 6	Dh	<0.01	<0.01	39	93	75	9	<1	187	15,700	1	154
87	H- 7	Kdc	0.03	<0.01	94	105	81	14	<1	105	19,200	1	99
88	H- 8	Kdc	0.04	<0.01	27	112	93	14	<1	533	22,900	<1	208
89	H- 9	Kdc	<0.01	0.2	38	96	67	17	<1	178	23,100	<1	170
90	H-10	Kdc	0.04	<0.01	36	107	70	24	<1	111	25,400	1	233
91	H-14	Ad	<0.01	0.29	72	118	121	8	<1	1,010	43,700	1	137
92	H-15	Dh	<0.01	1.26	69	129	160	5	<1	1,200	60,700	<1	194
93	H-16	Ad	0.01	<0.01	28	100	104	7	<1	1,070	36,400	1	125
94	H-19	Kdc	<0.01	0.68	55	115	127	8	<1	1,380	34,300	<1	218
95	H-20	Kdc	<0.01	<0.01	88	123	191	10	<1	371	32,400	<1	131
96	H-21	Kdc	0.06	0.29	123	129	154	19	<1	317	28,200	2	286
97	H-22	Kdc	<0.01	0.29	53	110	51	29	<1	108	22,800	4	225
98	H-23	Kdc	0.02	0.19	47	149	98	28	<1	118	34,600	<1	119
99	H-24	Kdc	0.01	0.1	110	93	95	15	<1	229	20,400	1	142
100	H-25	Kdc	0.03	<0.01	23	77	54	9	<1	162	22,800	2	148
101	H-27	Ctf	<0.01	0.1	27	82	84	4	<1	685	32,300	<1	101
102	H-28	Ctf	0.06	0.57	168	106	67	11	<1	223	17,800	2	254
103	H-29	Ctf	0.08	0.38	63	82	37	48	<1	104	38,800	46	255
104	H-30	Ctf	0.04	0.1	147	121	91	25	<1	175	28,700	3	291
105	H-31	Ctf	0.06	<0.01	37	98	84	15	<1	194	36,100	1	204
106	H-32	Ctf	0.05	0.29	202	111	125	11	<1	269	37,100	2	95
107	H-33	Kdc	<0.01	0.48	18	113	71	7	<1	215	21,100	<1	508
108	H-35	Kdc	0.04	0.57	30	104	84	18	<1	434	29,800	2	392
109	H-37	Kdc	0.04	0.19	78	131	127	10	<1	850	47,300	1	218
110	H-38	Kdc	0.03	0.48	68	136	148	8	<1	1,860	41,000	1	200
111	H-39	Kdc	0.06	0.48	38	95	106	6	<1	1,010	49,900	<1	205

Soil Samples

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
112	H-40	Kdc	<0.01	0.1	40	93	127	6	<1	1,430	45,700	1	147
113	H-41	Ctf	0.08	0.67	34	119	288	51	<1	1,740	51,400	<1	75
114	H-42	Ctf	0.02	0.67	239	111	120	34	<1	216	23,300	2	115
115	H-43	Ctf	0.05	0.67	37	86	59	10	<1	115	16,900	1	76
116	H-44	Ctf	0.03	0.67	44	89	80	7	<1	194	13,600	1	329
117	H-45	Kdc	0.06	0.76	45	87	114	6	<1	220	17,400	1	275
118	H-46	Kdc	0.07	0.67	51	135	90	14	<1	147	11,900	2	459
119	H-47	Kdc	0.03	0.67	58	102	100	14	<1	338	19,100	2	531
120	H-48	Kdc	0.1	0.86	139	183	97	34	<1	142	20,500	2	200
121	H-49	Kdc	0.03	2.22	83	313	113	191	<1	168	20,600	2	443
122	H-50	Kdc	0.05	0.48	81	154	97	50	4	458	20,400	4	260
123	H-51	Kdc	0.04	0.58	40	171	154	27	2	269	16,000	3	221
124	H-52	Kdc	<0.01	0.39	42	144	125	36	<1	275	20,900	3	190
125	H-53	Kdc	0.04	0.77	40	174	152	56	<1	320	22,600	7	358
126	H-54	Kdc	0.09	0.97	30	112	64	53	1	72	19,000	5	133
127	H-55	Kdc	0.05	0.39	13	112	23	65	<1	60	17,100	8	374
128	H-56	Kdc	0.04	0.29	46	278	130	76	<1	78	18,400	4	220
129	H-57	Kdc	0.05	<0.01	132	163	137	42	1	256	61,200	1	974
130	H-58	Ctf	0.03	0.48	91	105	88	9	2	785	23,600	1	224
131	H-59	Ctf	0.04	0.67	28	113	89	6	<1	892	19,900	2	276
132	H-60	Ctf	0.05	0.48	215	167	119	61	2	595	30,700	4	615
133	H-61	Ctf	0.05	0.58	33	140	65	16	13	562	28,900	1	338
134	H-62	Ctf	0.05	0.58	25	131	44	16	<1	330	40,800	3	677
135	H-63	Ctf	0.06	0.58	29	105	55	14	<1	261	29,400	3	348
136	H-74	Kdc	0.05	<0.01	51	181	73	21	<1	306	48,100	2	327
137	H-75	Kdc	0.02	0.38	41	162	101	17	<1	500	51,100	1	500
138	H-76	Kdc	0.08	0.48	40	192	74	19	<1	306	41,400	<1	439
139	H-77	Kdc	0.03	0.96	340	173	166	24	1	166	35,200	2	153
140	H-78	Kdc	0.05	0.58	48	160	73	45	2	384	35,400	3	426
141	H-79	Kdc	0.04	0.96	44	143	64	30	1	262	26,400	3	438
142	H-80	Kdc	<0.01	1.06	32	152	204	31	1	266	37,600	<1	210
143	H-81	Db	0.02	1.15	42	132	94	41	1	174	28,000	2	247
144	H-82	Kdc	<0.01	0.19	45	158	114	16	1	1,000	45,300	3	531
145	H-83	Kdc	0.01	0.58	30	164	75	16	<1	270	34,500	4	539
146	H-84	Kdc	<0.01	0.58	47	191	103	34	<1	256	44,300	2	150
147	H-85	Kdc	<0.01	0.38	186	169	155	19	1	330	34,600	<1	324
148	H-86	Kdc	0.02	0.86	19	140	140	45	2	67	21,200	2	211

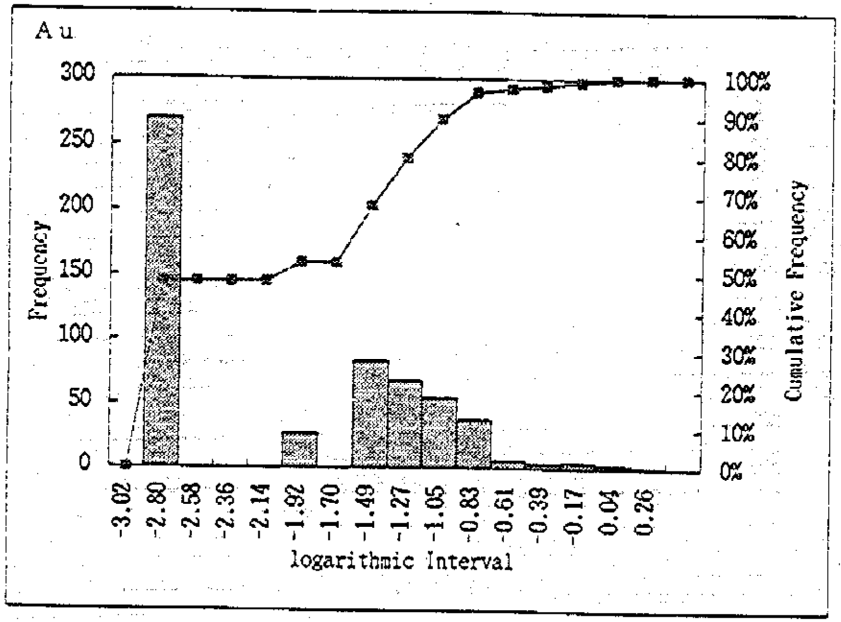
No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
149	H-87	Kdc	<0.01	0.38	51	181	112	34	6	535	60,200	2	407
150	H-88	Db	0.02	0.58	211	235	134	30	<1	734	51,000	<1	472
151	M- 1	Cdc	0.01	<0.01	9	105	17	14	2	29	8,880	3	213
152	M- 2	Dh	0.01	0.68	12	117	63	10	<1	99	52,800	2	114
153	M- 3	Dh	0.02	0.2	163	220	345	13	<1	175	21,700	2	76
154	M- 4	Ctf	<0.01	0.68	25	113	80	32	<1	81	17,100	1	116
155	M- 5	Kdc	0.05	0.39	36	123	105	13	<1	554	23,600	3	226
156	M- 6	Kdc	0.02	0.78	52	163	107	26	<1	403	27,800	3	166
157	M- 7	Kdc	<0.01	0.98	36	126	72	17	1	353	26,400	4	149
158	M- 8	Dh	0.01	0.49	16	174	119	14	<1	256	20,000	2	208
159	M- 9	Cdc	0.03	1.07	56	154	132	18	2	618	32,000	1	103
160	M-10	Cdc	<0.01	0.2	66	138	113	19	<1	363	19,000	3	113
161	M-11	Cdc	<0.01	0.67	16	128	86	10	<1	447	21,400	3	103
162	M-12	Cdc	0.03	0.86	61	154	122	16	<1	965	30,900	1	137
163	M-13	Cdc	<0.01	0.48	14	115	85	10	<1	404	13,700	1	112
164	M-14	Dh	<0.01	0.96	73	162	97	23	<1	352	19,300	1	240
165	M-15	Dh	<0.01	0.58	13	126	43	12	<1	154	14,800	1	188
166	M-16	Dh	<0.01	0.58	17	111	68	10	<1	183	17,700	1	100
167	M-17	Dh	<0.01	0.19	19	141	90	15	<1	291	15,500	1	113
168	M-18	Ctf	<0.01	0.77	19	109	90	9	<1	563	16,100	1	126
169	M-19	Ctf	0.01	0.86	164	181	156	24	<1	365	28,400	4	181
170	M-20	Ctf	0.02	0.77	11	101	21	11	1	61	17,500	3	81
171	M-21	Ctf	0.02	1.4	126	132	132	16	<1	346	21,900	2	234
172	M-22	Ctf	<0.01	0.84	46	138	98	33	<1	774	22,200	3	369
173	M-23	Ctf	<0.01	0.84	39	115	131	16	2	504	24,800	2	121
174	M-24	Ctf	<0.01	1.12	11	138	123	7	4	616	19,000	1	213
175	M-25	Ctf	<0.01	0.75	108	131	66	6	<1	74	22,300	<1	456
176	M-26	Ctf	<0.01	1.03	237	136	71	18	<1	319	25,500	2	176
177	M-27	Ctf	<0.01	1.5	147	141	106	15	1	699	33,400	3	265
178	M-28	Kt2	<0.01	1.31	139	115	135	5	<1	488	21,400	4	208
179	M-29	Nd	0.02	2.06	117	132	48	57	<1	103	23,100	5	320
180	M-33	Kt2	0.55	14.1	2900	1690	799	355	7	819	82,000	16	3,830
181	M-35	Kt2	0.13	2.39	267	238	146	31	<1	700	51,400	5	864
182	M-36	Kt2	0.01	0.2	37	96	100	6	<1	834	24,700	<1	316
183	M-37	Kt2	0.04	<0.01	353	152	115	18	<1	539	31,400	3	226
184	M-38	Ctf	<0.01	<0.01	28	82	124	5	<1	545	52,600	<1	53
185	M-39	Ctf	0.04	<0.01	65	84	102	6	<1	762	38,900	<1	126

Soil Samples

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
186	M-40	Ctf	0.04	1.09	64	119	94	18	<1	762	39,000	<1	410
187	M-41	Kdc	0.04	<0.01	85	158	145	25	<1	915	32,600	1	289
188	M-42	Kdc	<0.01	<0.01	76	164	202	31	<1	958	42,800	2	310
189	M-43	Kdc	<0.01	<0.01	69	138	125	34	<1	580	35,300	2	263
190	M-44	Kdc	0.04	<0.01	37	90	126	15	<1	467	27,700	1	210
191	M-45	Kdc	0.05	<0.01	64	114	129	20	<1	1,360	30,500	1	215
192	M-46	Kdc	0.06	<0.01	46	104	565	51	<1	291	33,700	1	267
193	M-47	Kdc	<0.01	0.2	74	89	118	18	3	181	31,200	1	335
194	M-48	Kdc	0.03	<0.01	45	89	78	15	<1	108	29,700	1	140
195	M-49	Kdc	0.03	<0.01	23	109	196	9	<1	886	38,500	1	278
196	M-51	Kdc	0.02	0.1	21	66	61	24	<1	392	25,300	1	211
197	M-52	Kdc	0.04	<0.01	35	101	61	8	<1	615	24,700	<1	176
198	Y- 1	Ctf	0.06	<0.01	20	114	81	16	<1	130	37,900	<1	52
199	Y- 2	Db	0.02	<0.01	29	112	172	5	1	870	66,200	2	81
200	Y- 3	Ctf	<0.01	0.4	86	132	146	6	<1	791	53,200	<1	190
201	Y- 4	Ctf	0.04	0.6	22	73	55	12	<1	150	18,800	<1	131
202	Y- 6	Ctf	<0.01	1.12	94	116	111	22	<1	376	33,200	<1	166
203	Y- 7	Kdc	2.02	40.6	1910	7240	692	1600	313	127	90,400	42	413
204	Y- 8	Kdc	0.72	17.5	268	880	195	891	75	163	53,700	5	661
205	Y- 9	Kdc	2.89	31.2	447	1470	182	742	234	329	95,800	17	833
206	Y-10	Kdc	1.12	19.9	1110	1270	258	756	118	725	70,800	11	429
207	Y-11	Kdc	8.79	175	578	9070	539	4000	141	57	134,000	40	131
208	Y-12	Kdc	0.05	2.35	281	233	325	1220	138	436	51,500	2	1,250
209	Y-14	Kdc	0.33	6.63	1360	911	155	203	111	182	44,400	7	2,070
210	Y-15	Kdc	0.05	0.91	458	147	167	103	4	213	29,700	3	524
211	Y-17	Ctf	0.09	0.81	42	102	93	15	13	251	20,900	<1	150
212	Y-18	Ctf	0.05	1.72	177	118	134	13	<1	426	26,700	1	212
213	Y-19	Kdc	<0.01	0.61	57	85	116	14	<1	648	25,800	<1	318
214	Y-20	Kdc	0.02	0.91	176	84	91	11	<1	448	25,600	1	211
215	Y-21	Kdc	0.07	1.01	57	70	57	11	<1	202	18,700	1	204
216	Y-22	Kdc	0.05	0.61	64	88	83	10	<1	172	24,100	1	168
217	Y-23	Kdc	0.02	<0.01	47	127	74	8	<1	280	17,900	2	221
218	Y-24	Ctf	0.06	0.4	397	109	77	13	<1	199	23,800	<1	113
219	Y-26	Ctf	<0.01	<0.01	88	85	55	11	<1	247	21,500	3	102
220	Y-28	Ctf	0.04	1.01	150	129	73	15	<1	445	18,600	<1	190
221	Y-30	Ctf	0.05	0.96	27	92	72	15	<1	411	28,500	<1	161
222	Y-32	Kdc	0.08	1.25	41	88	73	18	<1	291	35,400	1	148

No.	Sample No.	Rock	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)	Mn (ppm)	Fe (ppm)	Mo (ppm)	Ba (ppm)
223	Y-33	Kdc	0.08	0.29	66	98	91	7	<1	594	51,300	<1	204
224	Y-34	Kdc	0.03	0.39	33	84	88	10	<1	241	24,500	1	212
225	Y-35	Kdc	0.11	0.19	26	98	144	7	<1	267	44,800	<1	141
226	Y-36	Kdc	<0.01	0.67	20	78	109	10	<1	150	21,300	<1	144
227	Y-37	Kdc	0.05	1.35	33	96	63	10	<1	160	43,300	2	119
228	Y-38	Kdc	0.07	1.25	36	123	116	8	<1	397	44,500	<1	204
229	Y-39	Kdc	0.13	0.67	66	124	102	22	<1	1,180	50,900	<1	209
230	Y-40	Kdc	0.1	2.12	3600	240	798	37	<1	279	24,400	<1	1,390
231	Y-41	Kdc	0.28	2.47	125	180	86	119	<1	224	44,600	1	481
232	Y-42	Ctf	0.11	1.52	26	57	20	21	2	52	20,600	3	154
233	Y-44	Ctf	0.13	2.19	23	98	58	20	<1	127	41,900	5	226
234	Y-46	Ctf	0.09	1.71	35	125	90	10	<1	249	44,300	<1	504
235	Y-48	Kdc	0.13	2	22	183	28	27	<1	98	28,600	5	1,260
236	Y-50	Kdc	0.1	0.76	52	153	90	22	<1	502	48,500	<1	536
237	Y-51	Kdc	0.05	1.24	107	128	189	29	<1	191	54,400	2	302
238	Y-53	Kdc	0.19	1.14	136	167	38	73	<1	44	118,000	25	491
239	Y-54	Kdc	0.15	2.28	244	277	111	82	3	199	57,700	2	355
240	Y-55	Kdc	0.26	1.43	240	110	82	82	1	124	50,700	6	252
241	Y-56	Kdc	0.12	1.34	378	121	137	14	<1	761	43,300	1	316
242	Y-58	Kdc	0.14	1.34	72	114	85	12	<1	153	30,800	<1	357
243	Y-59	Kdc	0.05	0.96	68	170	218	12	<1	522	50,000	1	229
244	Y-60	Kdc	0.06	1.63	43	159	222	16	<1	414	29,200	<1	282
245	Y-62	Kdc	0.08	1.34	184	107	118	15	<1	298	24,300	2	234
246	Y-64	Kdc	<0.01	1.05	69	130	436	53	<1	852	57,700	1	413
247	Y-65	Kdc	0.03	1.24	69	120	139	16	<1	800	28,100	<1	270
248	Y-67	Kdc	0.03	1.05	147	101	110	12	<1	813	29,800	1	259
249	Y-68	Kdc	0.12	1.63	90	120	241	15	<1	475	28,900	1	197
250	Y-69	Kdc	<0.01	1.24	52	135	183	10	<1	359	27,100	1	200
251	Y-70	Kdc	0.13	1.05	86	120	165	21	<1	411	52,100	2	245
252	Y-71	Kdc	0.22	1.33	25	86	67	14	<1	251	27,100	2	649
253	Y-72	Kdc	2.25	1.24	38	98	81	12	<1	247	28,100	3	234
254	Y-73	Kdc	0.02	1.33	39	118	66	11	<1	99	17,900	<1	348
255	Y-74	Kdc	0.09	1.81	35	100	135	6	<1	1,170	23,800	1	629

A-4 Histogram and Cumulative Histogram of Chemical Analysis Data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Cumulative Frequency
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50%
40%
30%
20%
10%
0%
-3.02
-2.80
-2.58
-2.36
-2.14
-1.92
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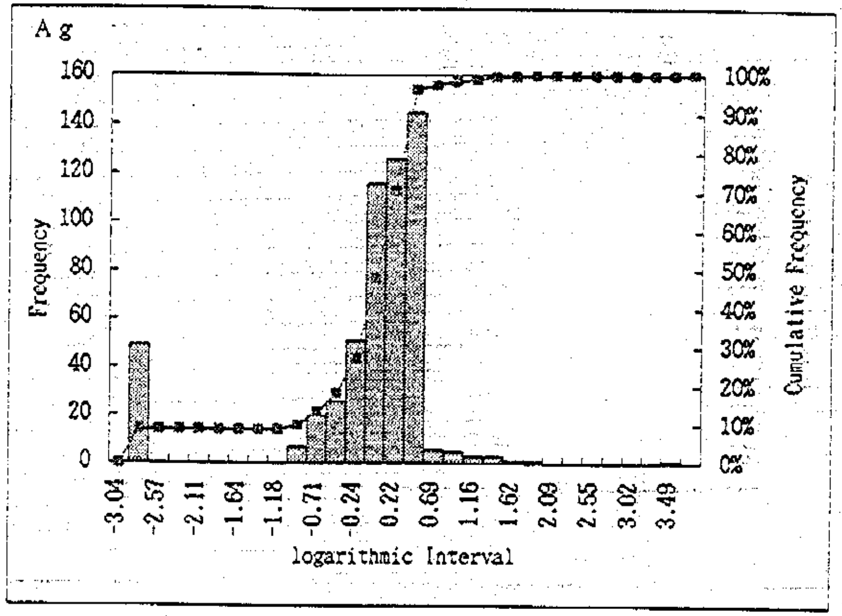
0.26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Frequency
Cumulative Frequency
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120
100
80
60
40
20
0
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
-3.04
-2.57
-2.11
-1.64
-1.18
-0.71
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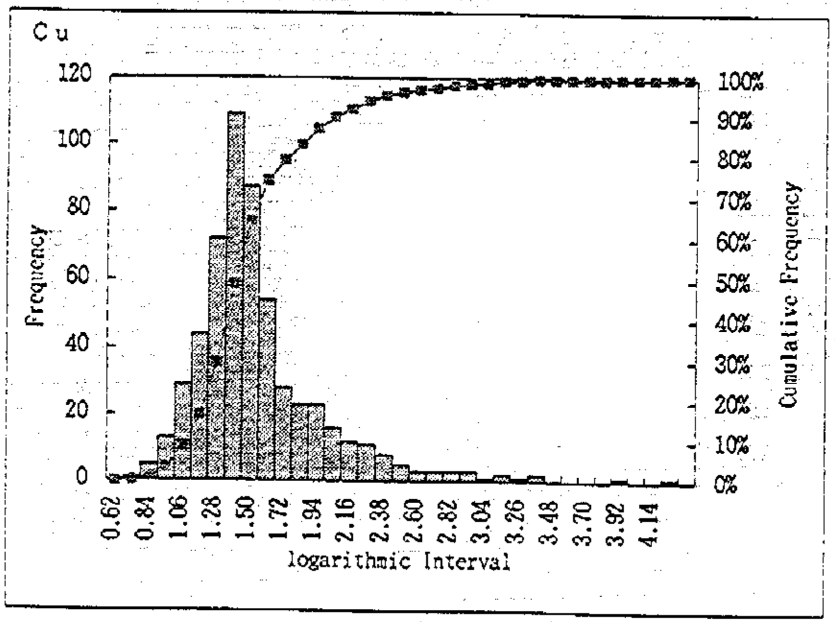
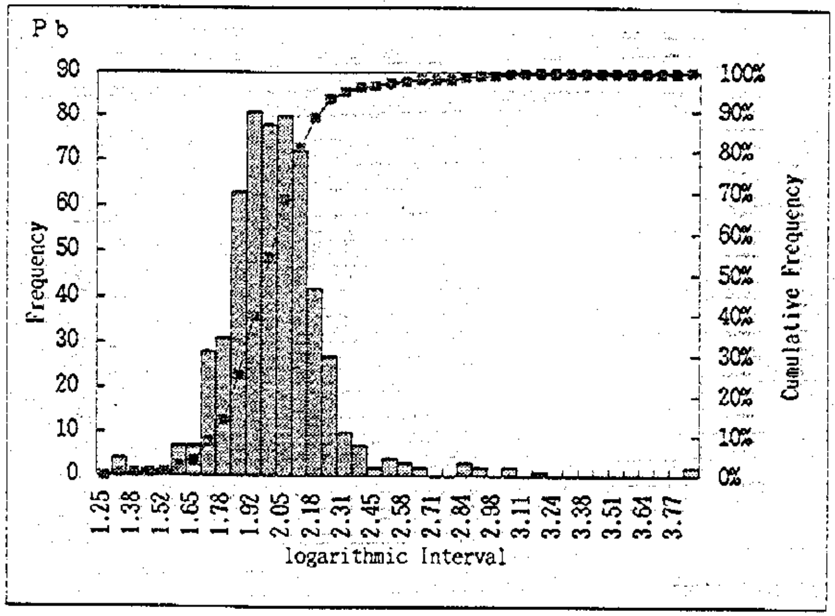
0.22
0.69
1.16
1.62
2.09
2.55
3.02
3.49


Cu
Frequency
Cumulative Frequency
logarithmic Interval
120
100
80
60
40
20
0
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
0.62
0.84
1.06
1.28
1.50
1.72
1.94
2.16
2.38
2.60
2.82
3.04
3.26
3.48
3.70
3.92
4.14


Pb
Frequency
Cumulative Frequency
logarithmic Interval
90
80
70
60
50
40
30
20
10
0
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1.25
1.38
1.52
1.65
1.78
1.92
2.05
2.18
2.31
2.45
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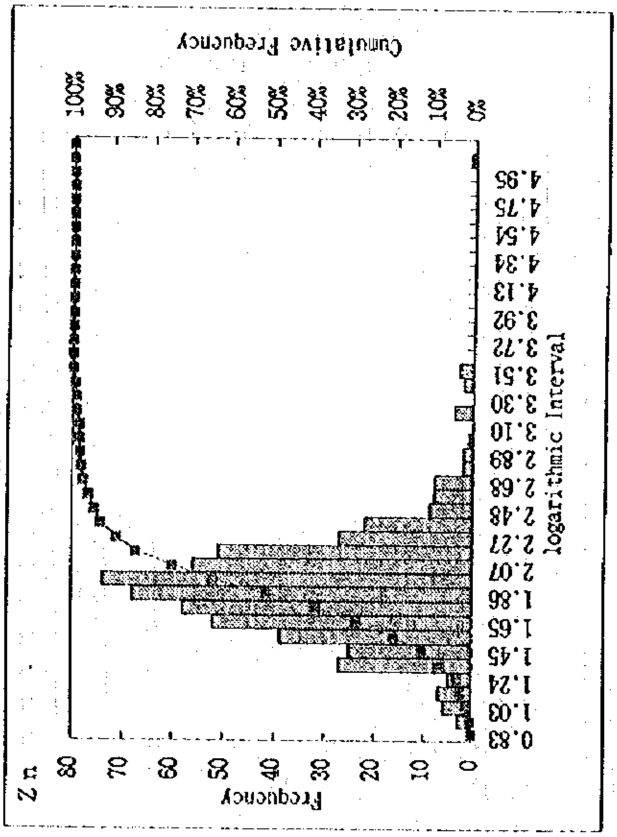
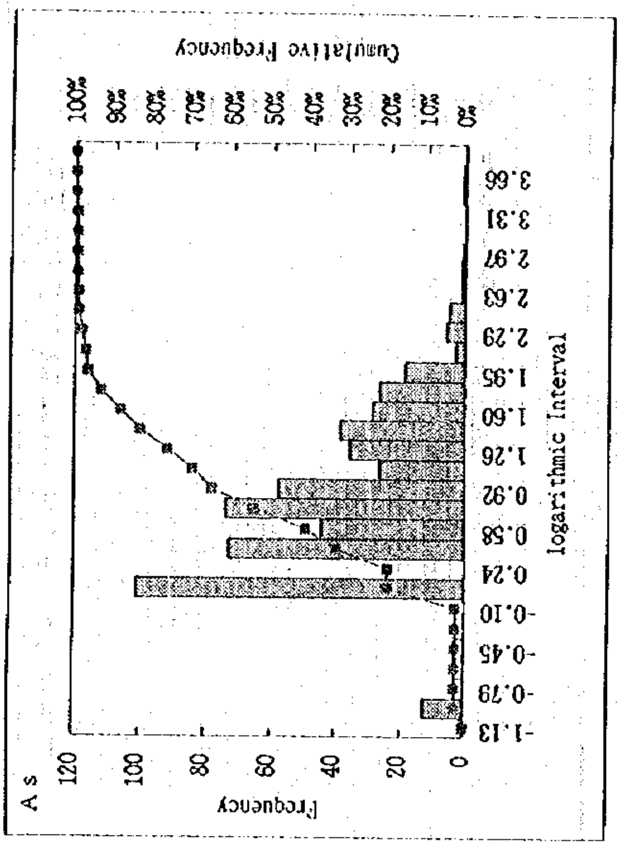
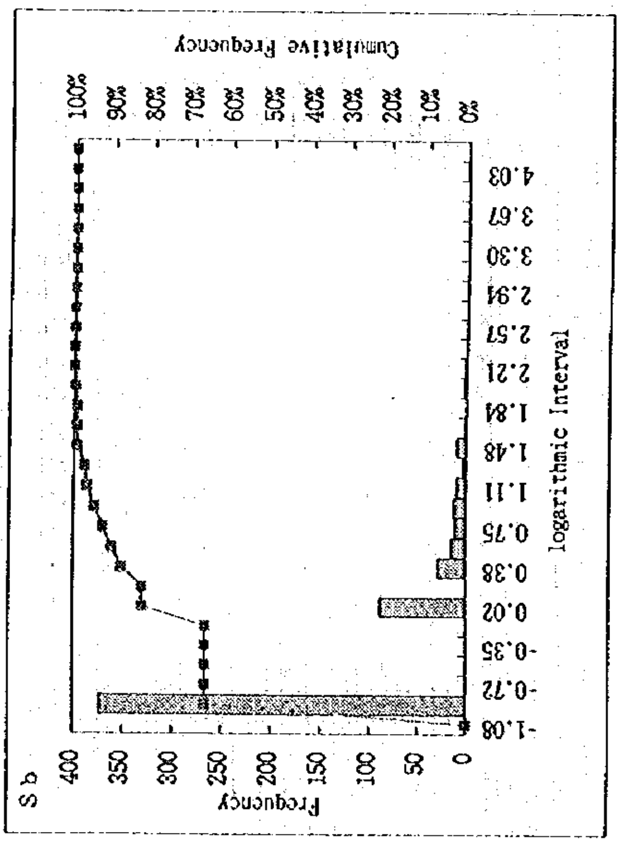
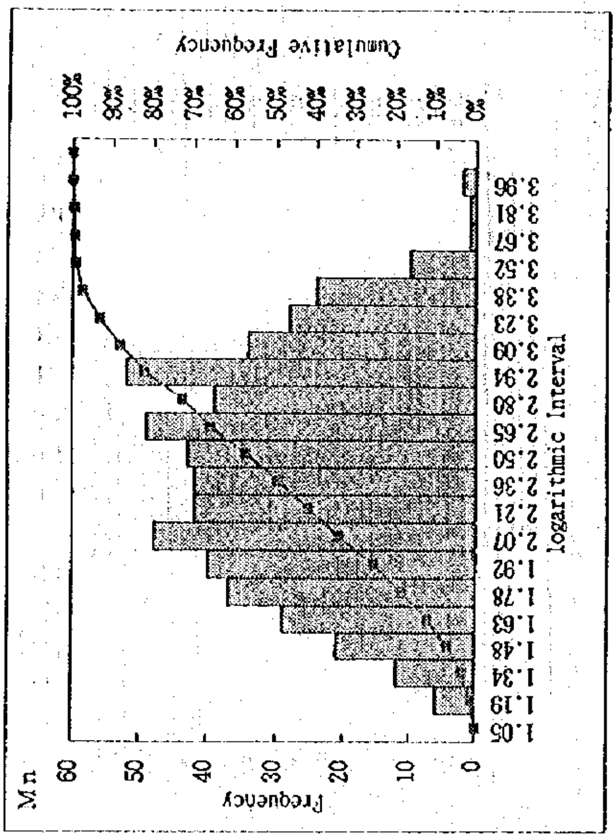
2.71
2.84
2.98
3.11
3.24
3.38
3.51
3.64
3.77

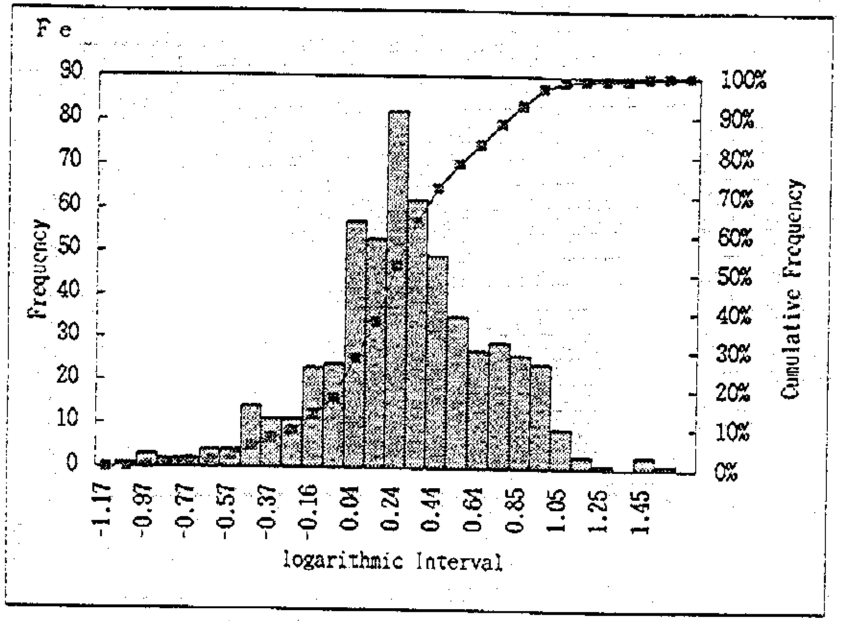
Rock Samples

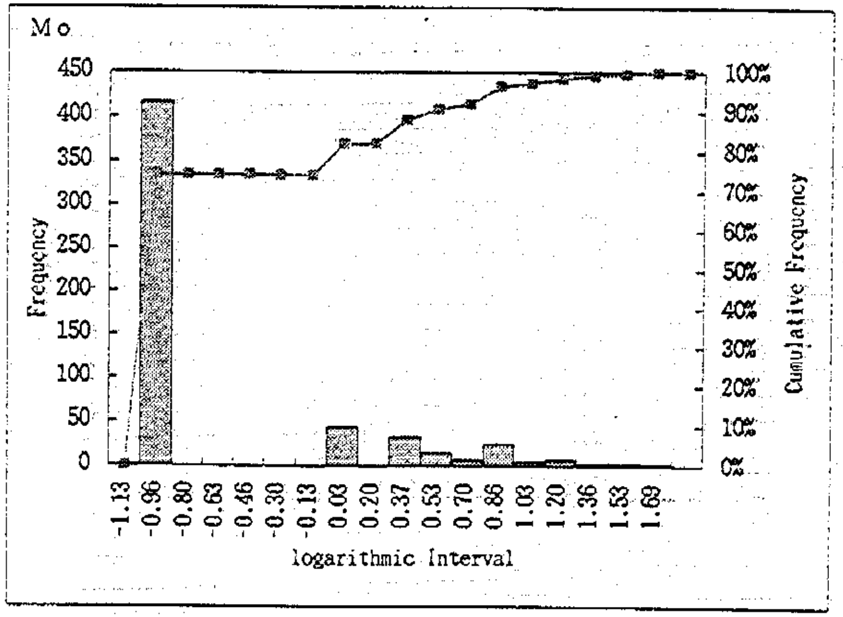


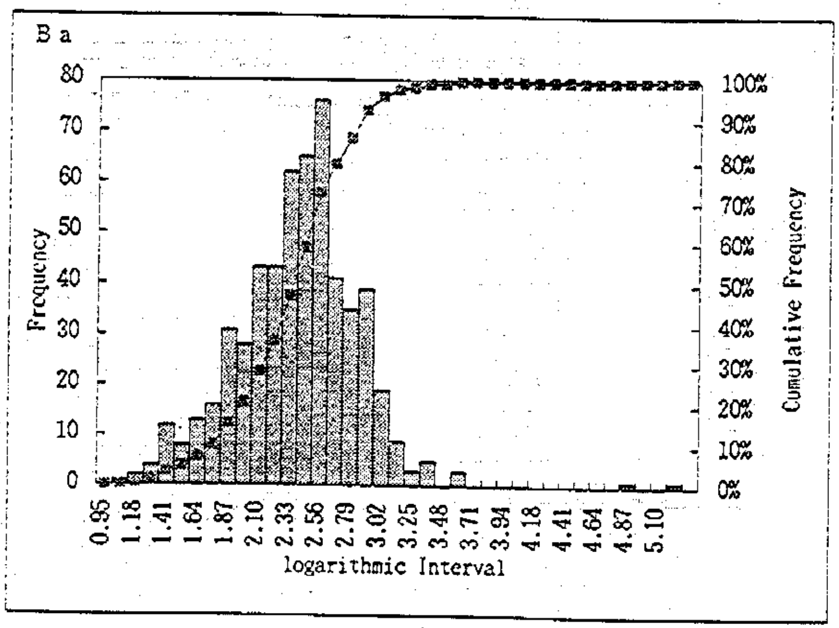


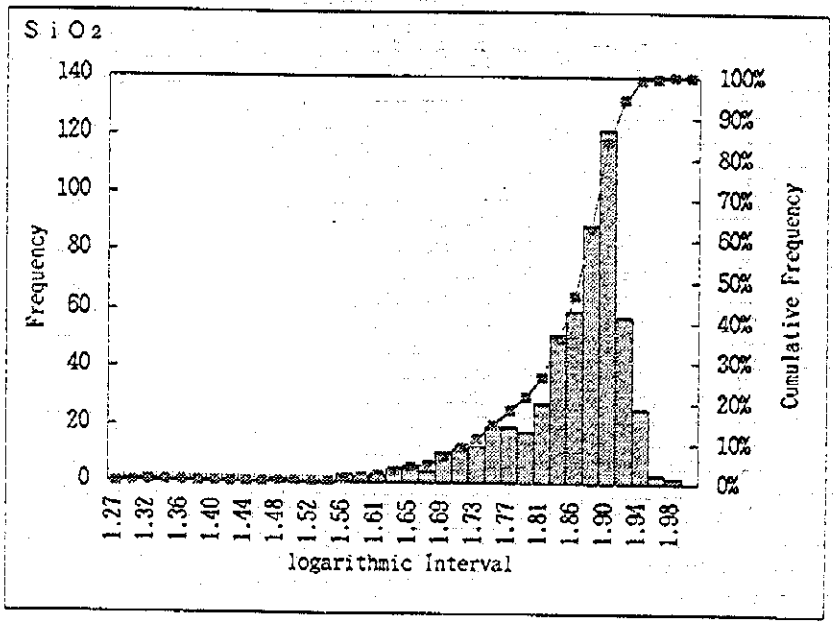


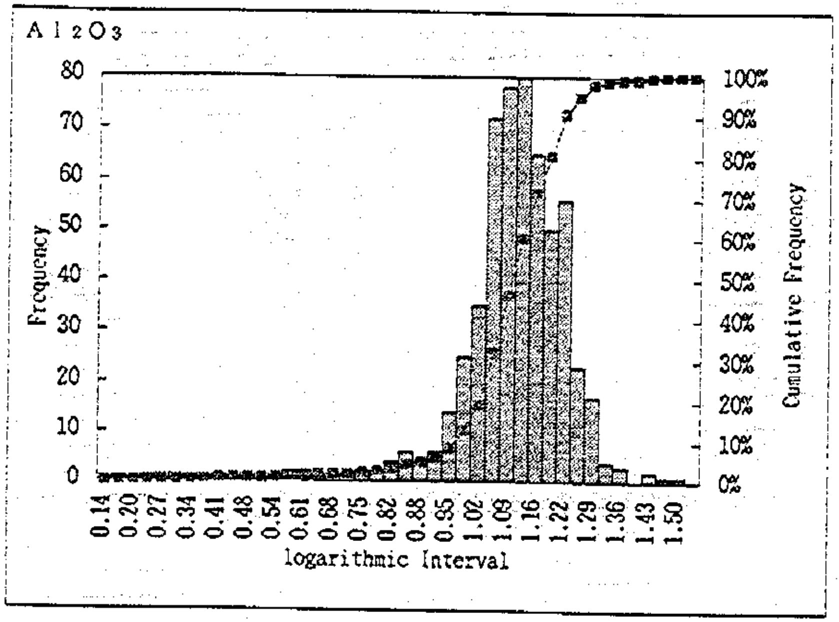



Fe
Frequency
Cumulative Frequency
logarithmic Interval
0 10 20 30 40 50 60 70 80 90
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
-1.17 -0.97 -0.77 -0.57 -0.37 -0.16 0.04 0.24 0.44 0.64 0.85 1.05 1.25 1.45

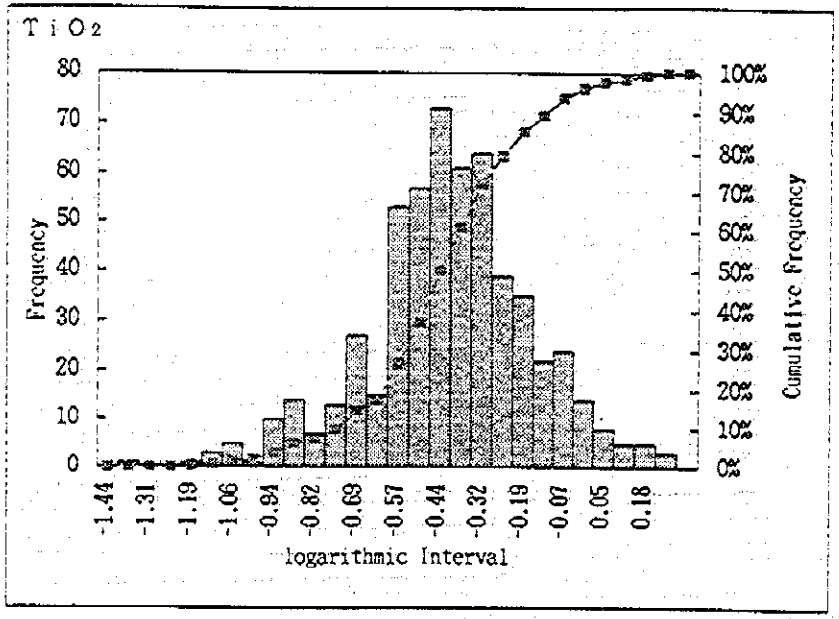

Mo
Frequency
Cumulative Frequency
logarithmic Interval
0 50 100 150 200 250 300 350 400 450
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
-1.13 -0.96 -0.80 -0.63 -0.46 -0.30 -0.13 0.03 0.20 0.37 0.53 0.70 0.86 1.03 1.20 1.36 1.53 1.69


Ba
Frequency
Cumulative Frequency
logarithmic Interval
0 10 20 30 40 50 60 70 80
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
0.95 1.18 1.41 1.64 1.87 2.10 2.33 2.56 2.79 3.02 3.25 3.48 3.71 3.94 4.18 4.41 4.64 4.87 5.10

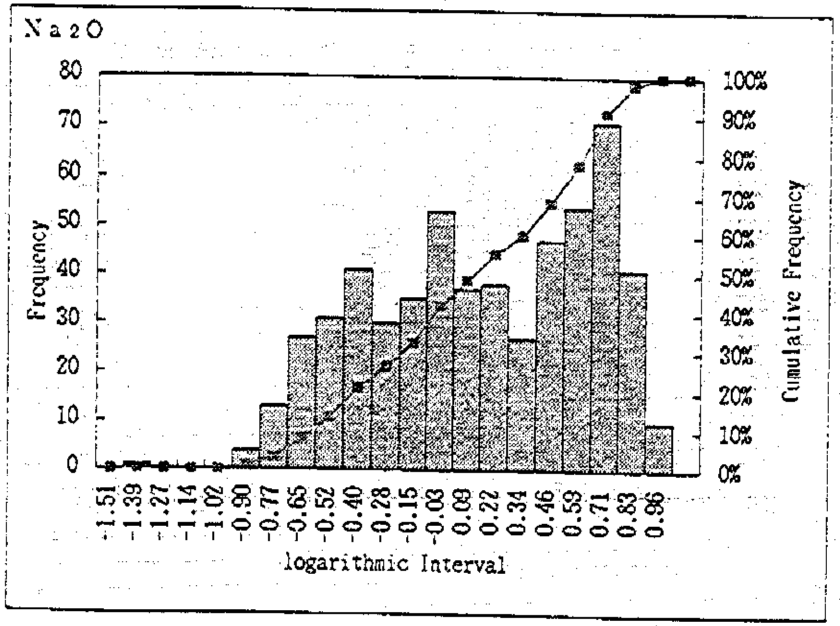

SiO2
Frequency
Cumulative Frequency
logarithmic Interval
0 20 40 60 80 100 120 140
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
1.27 1.32 1.36 1.40 1.44 1.48 1.52 1.56 1.61 1.65 1.69 1.73 1.77 1.81 1.86 1.90 1.94 1.98



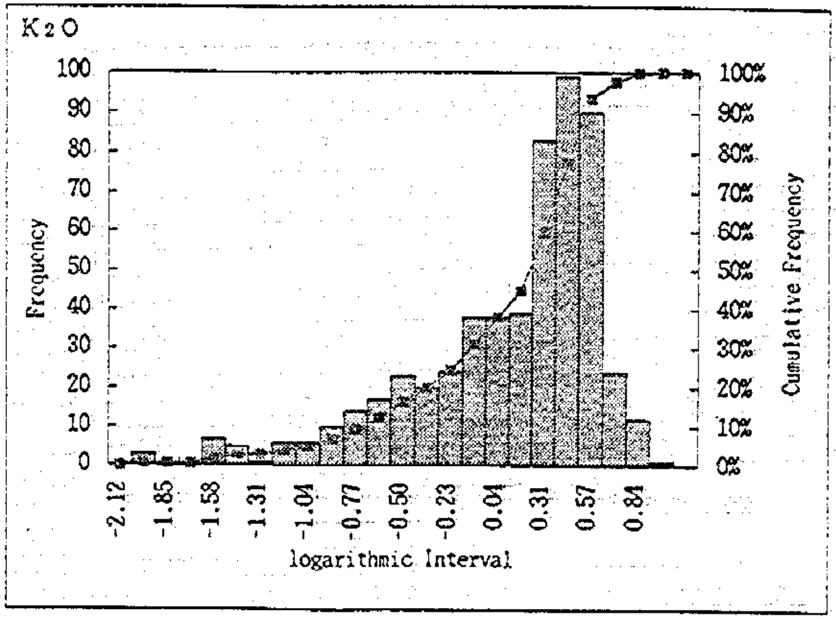
Al2O3
Frequency
Cumulative Frequency
logarithmic Interval
0 10 20 30 40 50 60 70 80
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
0.14 0.20 0.27 0.34 0.41 0.48 0.54 0.61 0.68 0.75 0.82 0.88 0.95 1.02 1.09 1.16 1.22 1.29 1.36 1.43 1.50



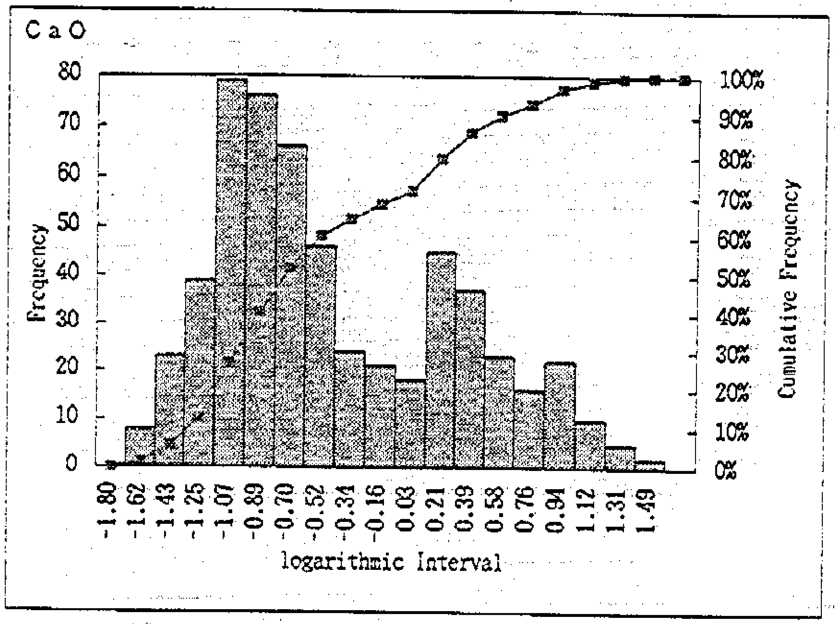
TiO2
Frequency
Cumulative Frequency
logarithmic Interval
0 10 20 30 40 50 60 70 80
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
-1.44 -1.31 -1.19 -1.06 -0.94 -0.82 -0.69 -0.57 -0.44 -0.32 -0.19 -0.07 0.05 0.18

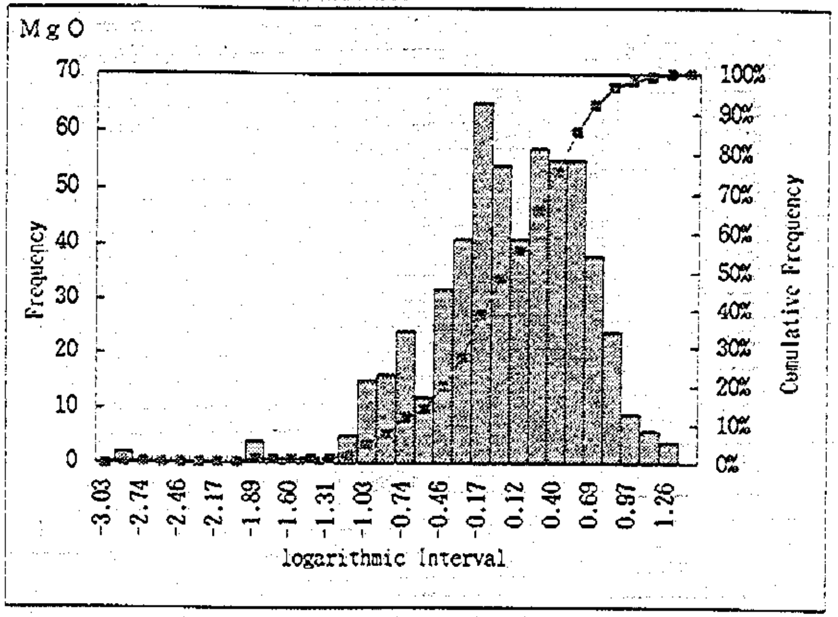


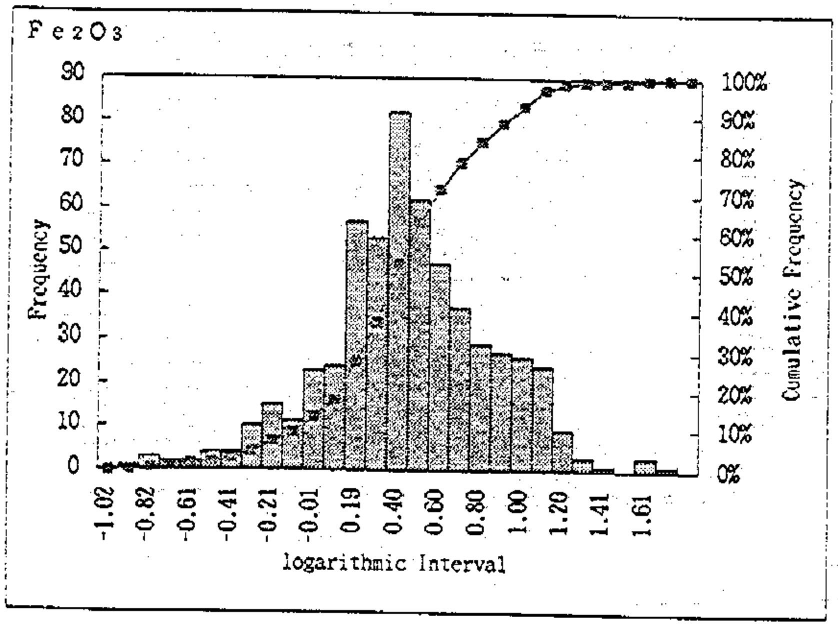
Na2O
Frequency
Cumulative Frequency
logarithmic Interval
0 10 20 30 40 50 60 70 80
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
-1.51 -1.39 -1.27 -1.14 -1.02 -0.90 -0.77 -0.65 -0.52 -0.40 -0.28 -0.15 -0.03 0.09 0.22 0.34 0.46 0.59 0.71 0.83 0.96

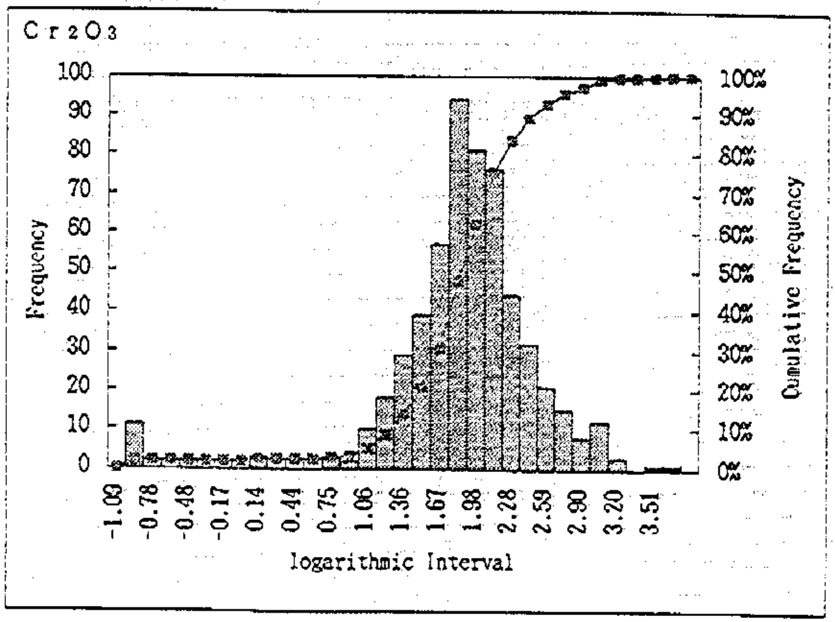


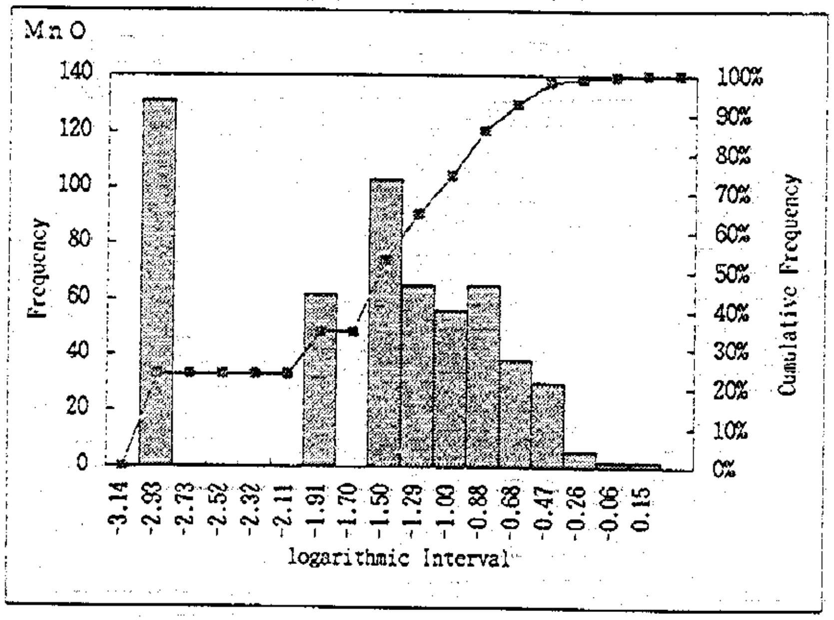
K2O
Frequency
Cumulative Frequency
logarithmic Interval
0 10 20 30 40 50 60 70 80 90 100
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
-2.12 -1.85 -1.58 -1.31 -1.04 -0.77 -0.50 -0.23 0.04 0.31 0.57 0.84

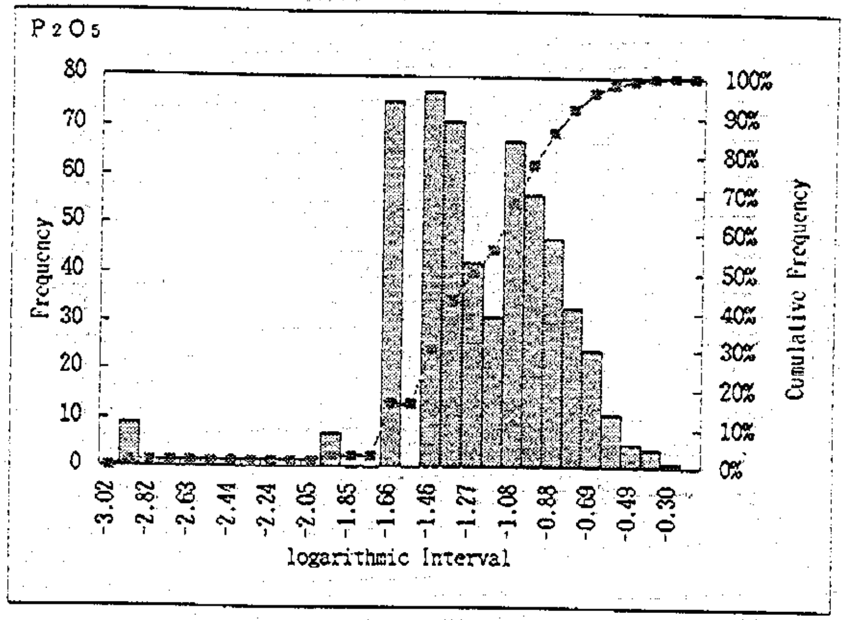

CaO
Frequency
0
10
20
30
40
50
60
70
80
Cumulative Frequency
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
-1.80
-1.62
-1.43
-1.25
-1.07
-0.89
-0.70
-0.52
-0.34
-0.16
0.03
0.21
0.39
0.58
0.76
0.94
1.12
1.31
1.49
logarithmic Interval

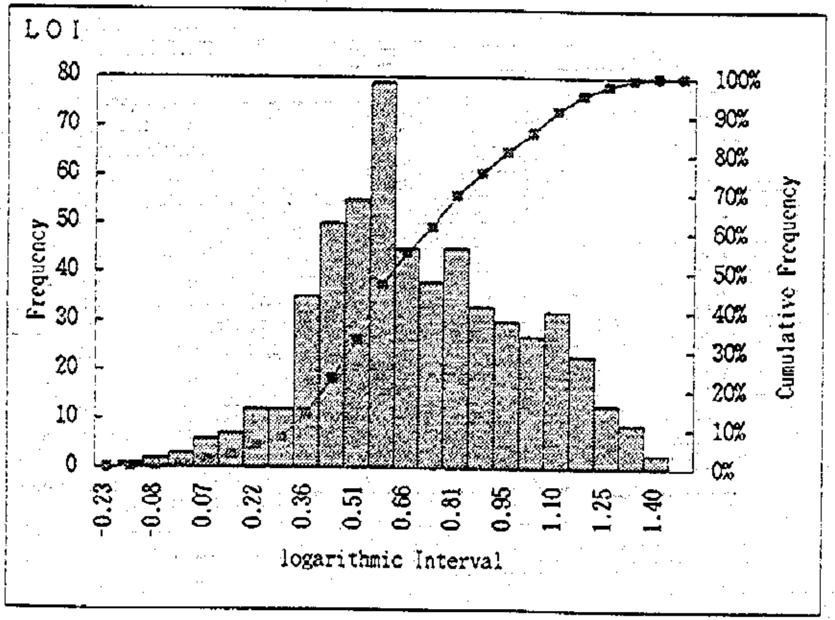

MgO
Frequency
0
10
20
30
40
50
60
70
Cumulative Frequency
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
-3.03
-2.74
-2.46
-2.17
-1.89
-1.60
-1.31
-1.03
-0.74
-0.46
-0.17
0.12
0.40
0.69
0.97
1.26
logarithmic Interval

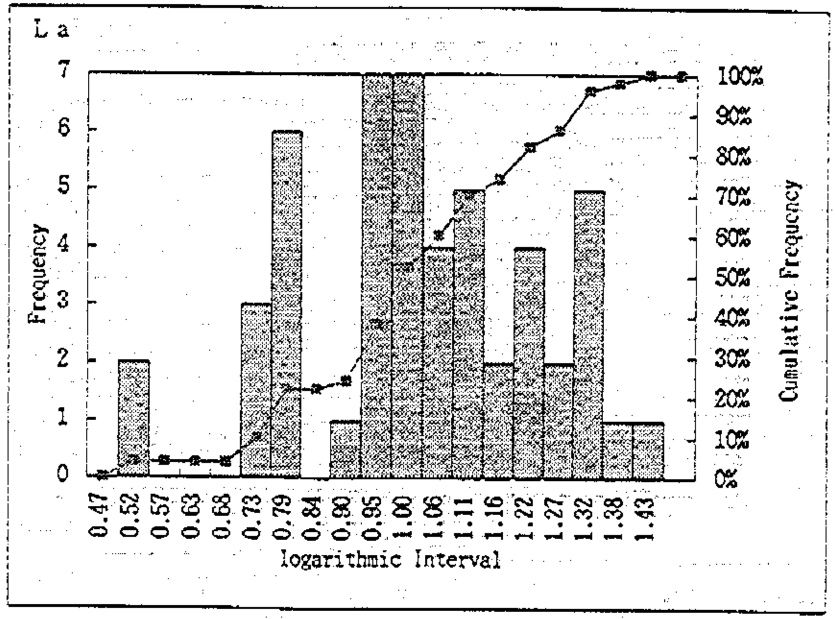

Fe2O3
Frequency
0
10
20
30
40
50
60
70
80
90
Cumulative Frequency
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
-1.02
-0.82
-0.61
-0.41
-0.21
-0.01
0.19
0.40
0.60
0.80
1.00
1.20
1.41
1.61
logarithmic Interval

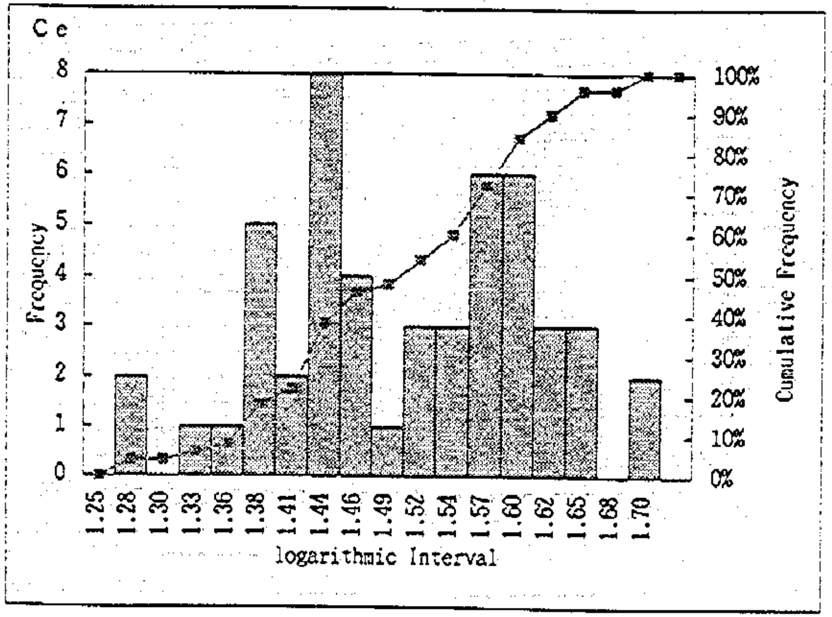

Cr2O3
Frequency
0
10
20
30
40
50
60
70
80
90
100
Cumulative Frequency
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
-1.09
-0.78
-0.48
-0.17
0.14
0.44
0.75
1.06
1.36
1.67
1.98
2.28
2.59
2.90
3.20
3.51
logarithmic Interval

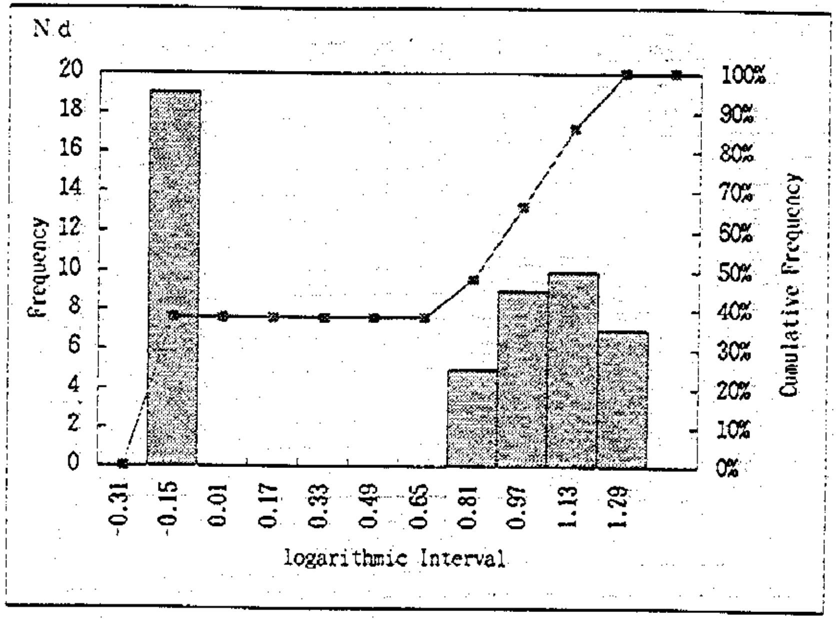

MnO
Frequency
Cumulative Frequency
logarithmic Interval

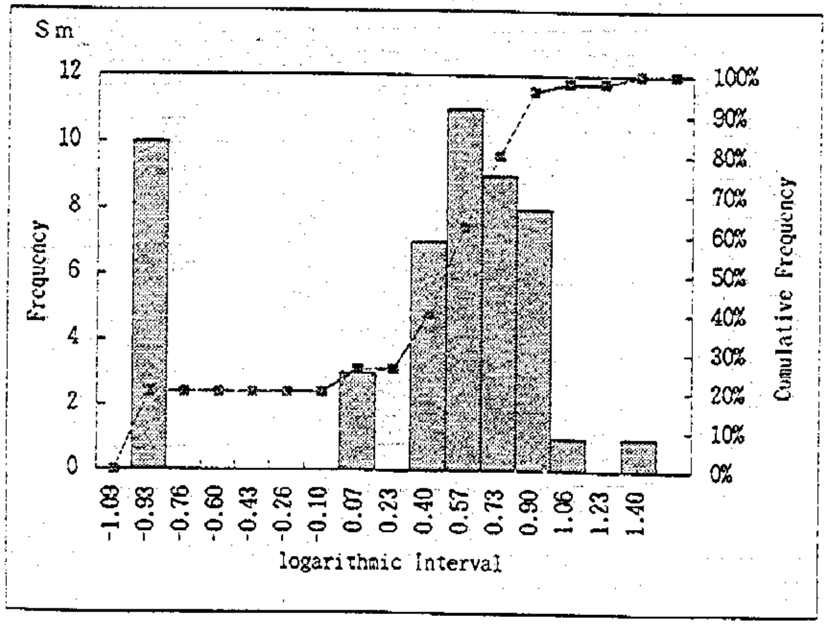

P_2O_5
Frequency
Cumulative Frequency
logarithmic Interval


LOI
Frequency
Cumulative Frequency
logarithmic Interval


La
Frequency
Cumulative Frequency
logarithmic Interval


Ce
Frequency
Cumulative Frequency
logarithmic Interval
1.25 1.28 1.30 1.33 1.36 1.38 1.41 1.44 1.46 1.49 1.52 1.54 1.57 1.60 1.62 1.65 1.68 1.70


Nd
Frequency
Cumulative Frequency
logarithmic Interval
-0.31 -0.15 0.01 0.17 0.33 0.49 0.65 0.81 0.97 1.13 1.29


Sm
Frequency
Cumulative Frequency
logarithmic Interval
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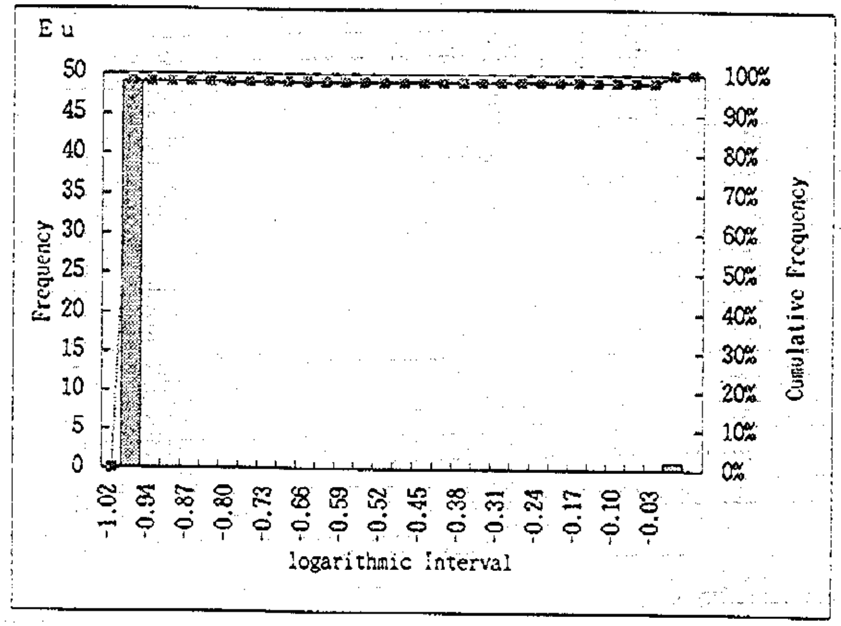
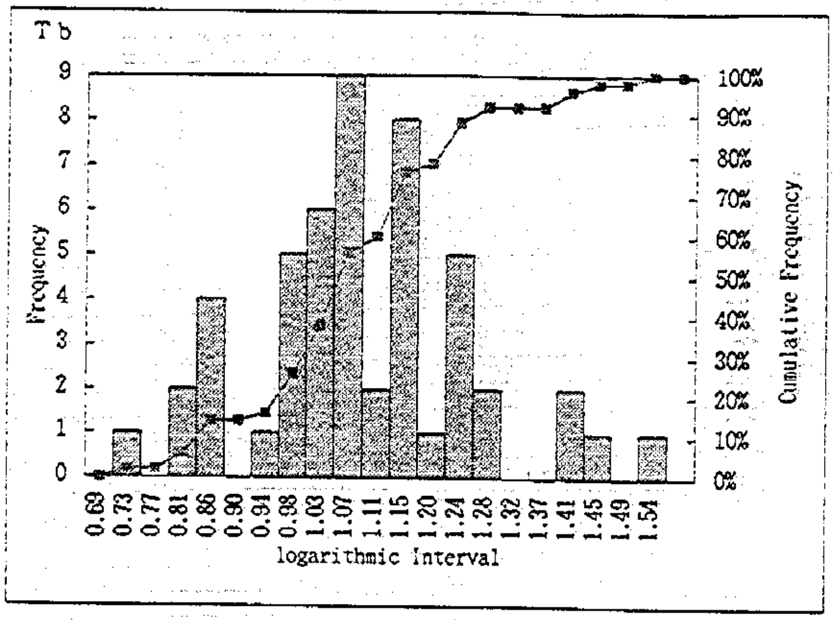
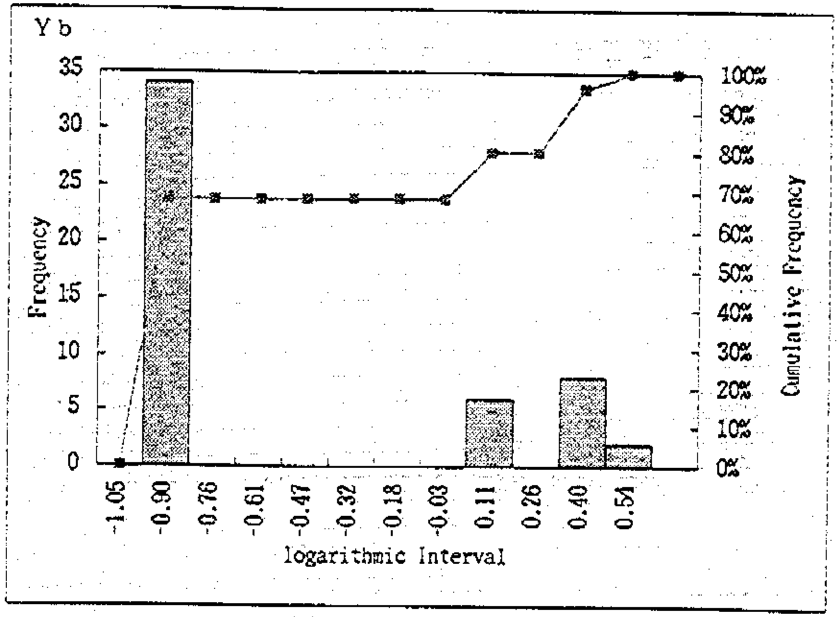

Eu
Frequency
Cumulative Frequency
logarithmic Interval
-1.02 -0.94 -0.87 -0.80 -0.73 -0.66 -0.59 -0.52 -0.45 -0.38 -0.31 -0.24 -0.17 -0.10 -0.03


Tb
Frequency
Cumulative Frequency
logarithmic Interval
0.69 0.73 0.77 0.81 0.86 0.90 0.94 0.98 1.03 1.07 1.11 1.15 1.20 1.24 1.28 1.32 1.37 1.41 1.45 1.49 1.54


Yb
Frequency
Cumulative Frequency
logarithmic Interval
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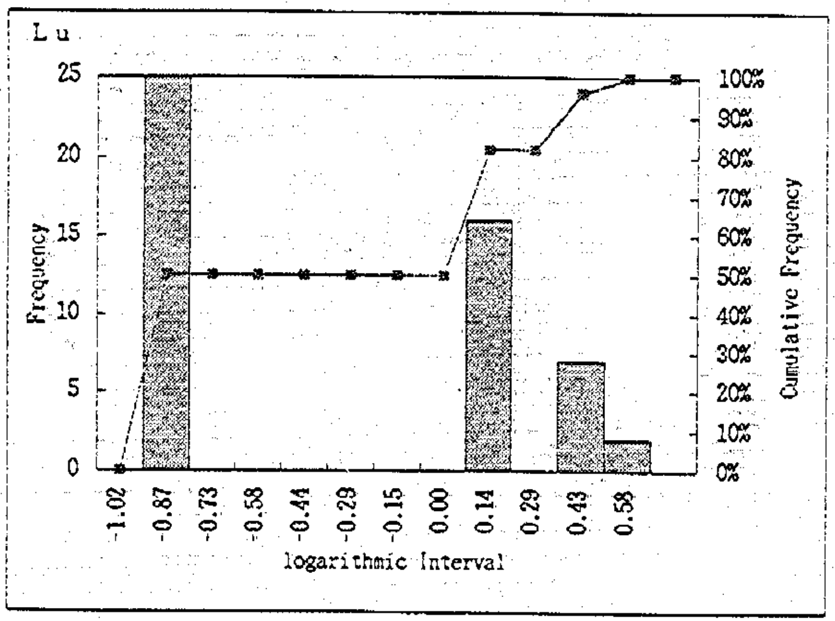
Lu
Frequency
Cumulative Frequency
logarithmic Interval
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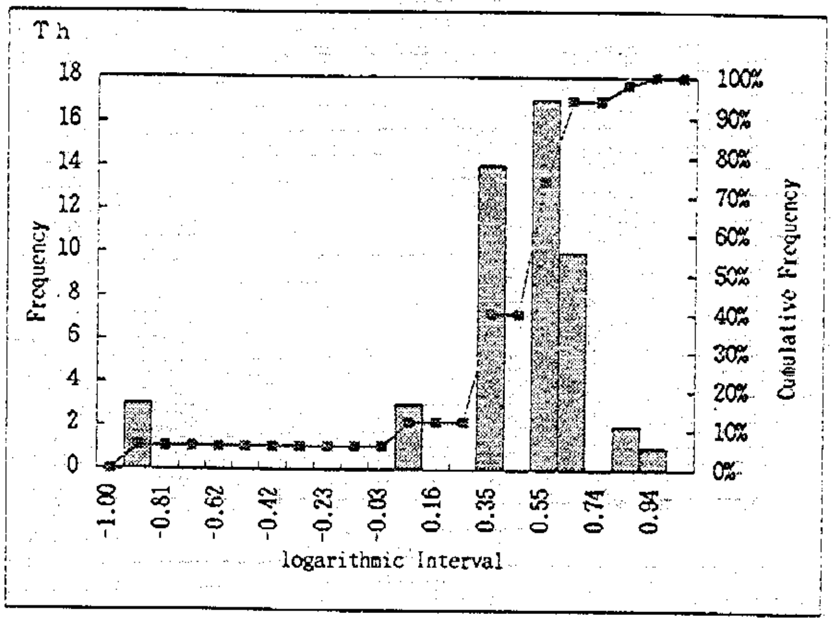
Th
Frequency
Cumulative Frequency
logarithmic Interval
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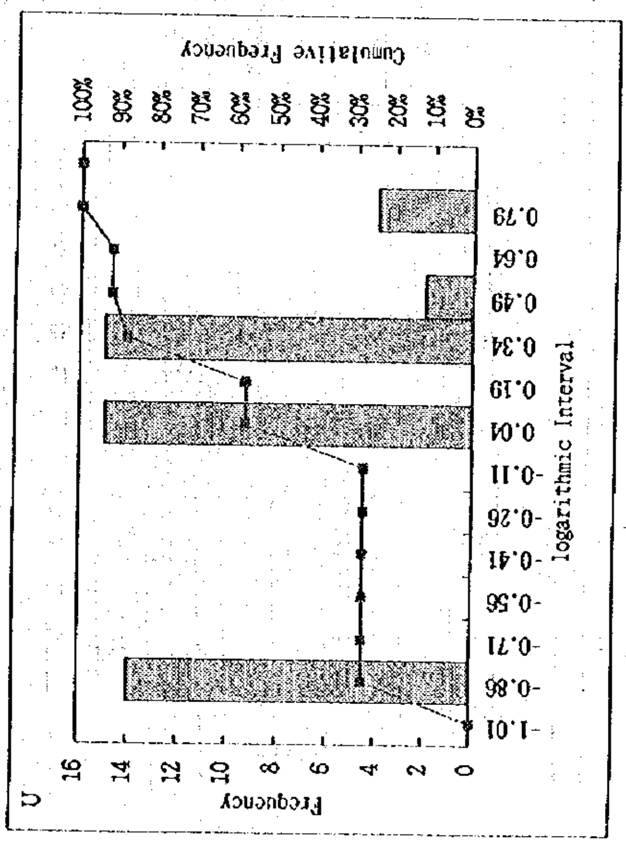
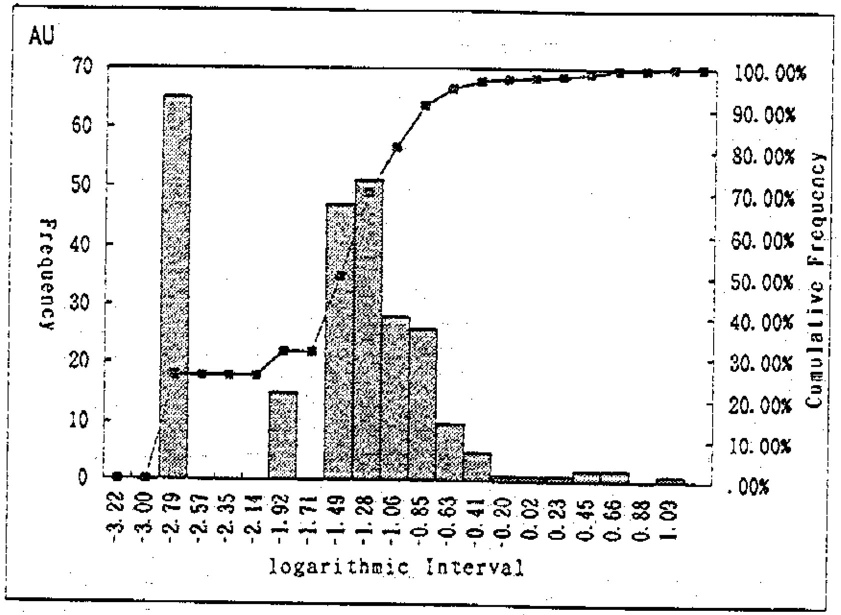
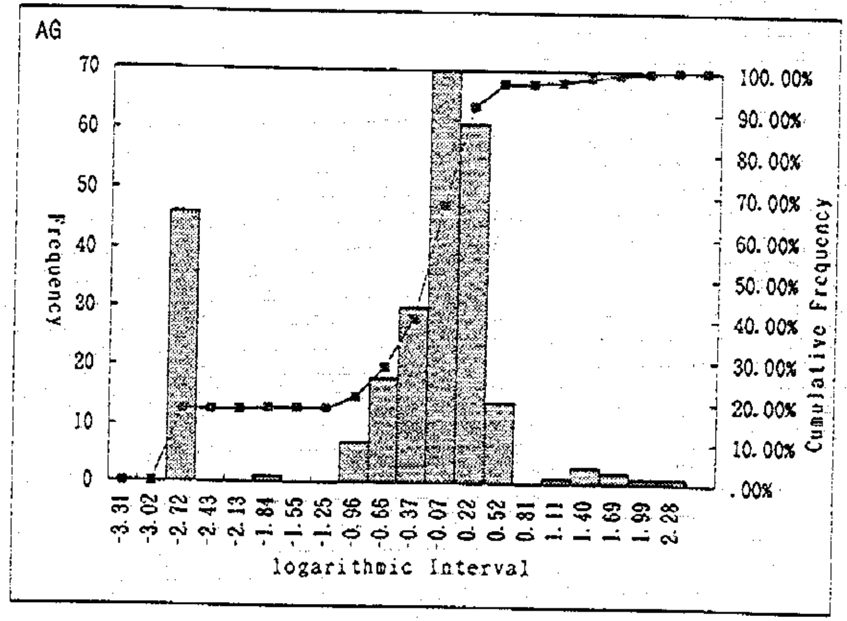
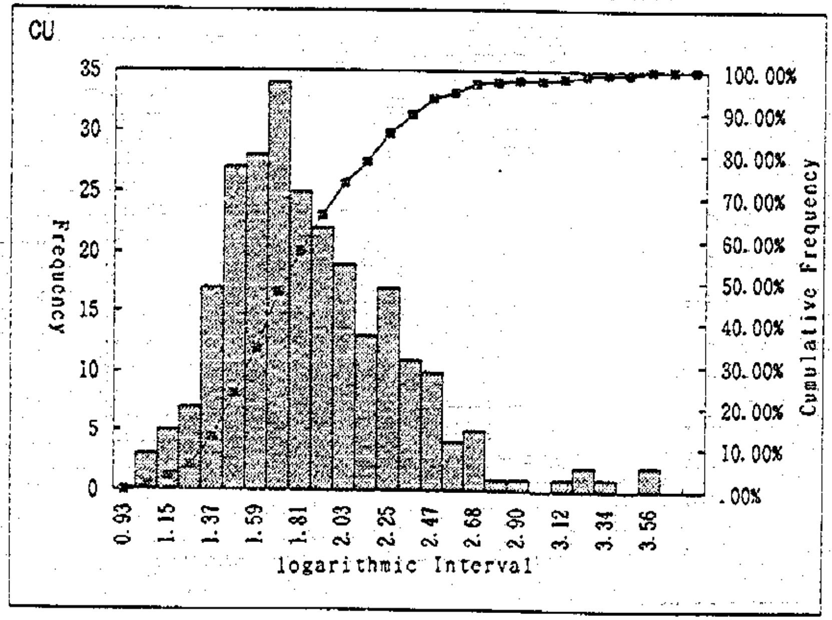
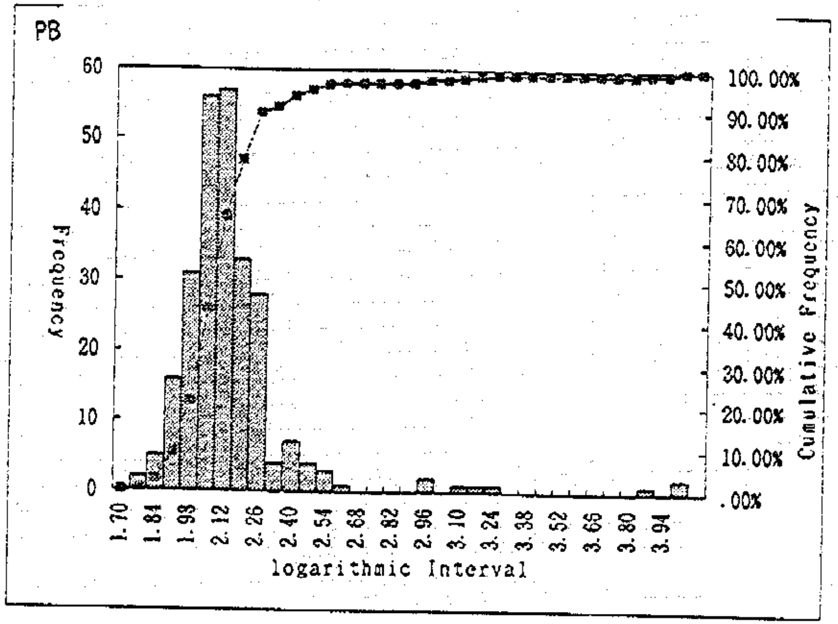
Rock Samples

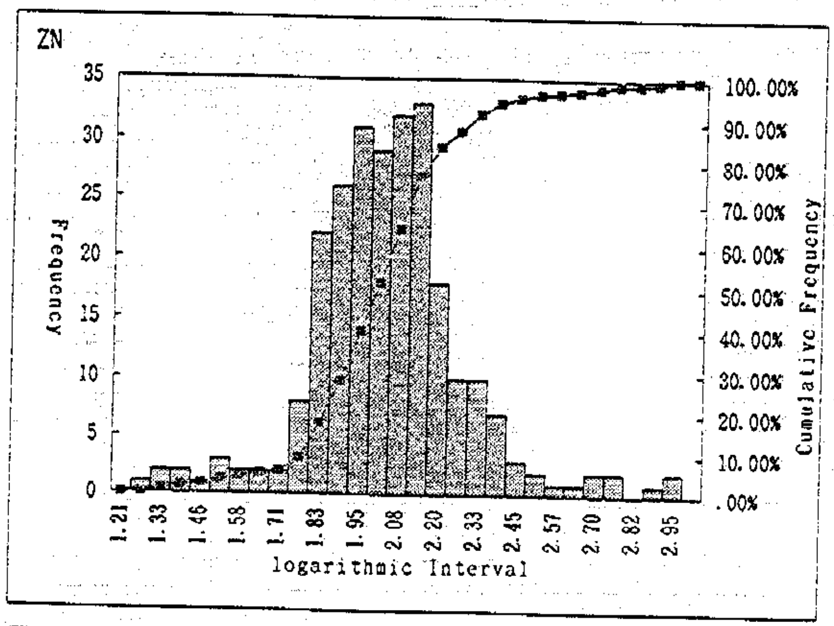



AU
Frequency
Cumulative Frequency
logarithmic Interval


AG
Frequency
Cumulative Frequency
logarithmic Interval


CU
Frequency
Cumulative Frequency
logarithmic Interval


PB
Frequency
Cumulative Frequency
logarithmic Interval


ZN
Frequency
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20
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10
5
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100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
.00%
Cumulative Frequency
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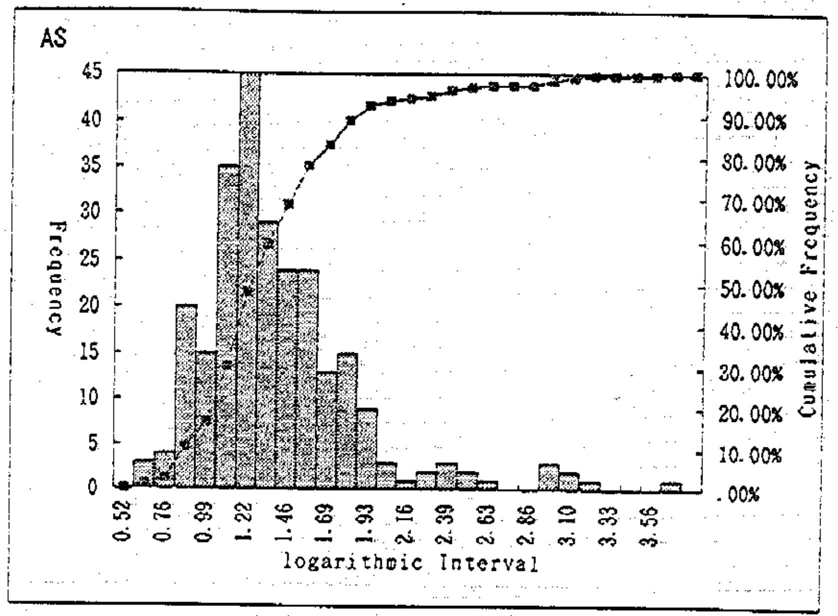
logarithmic Interval


AS
Frequency
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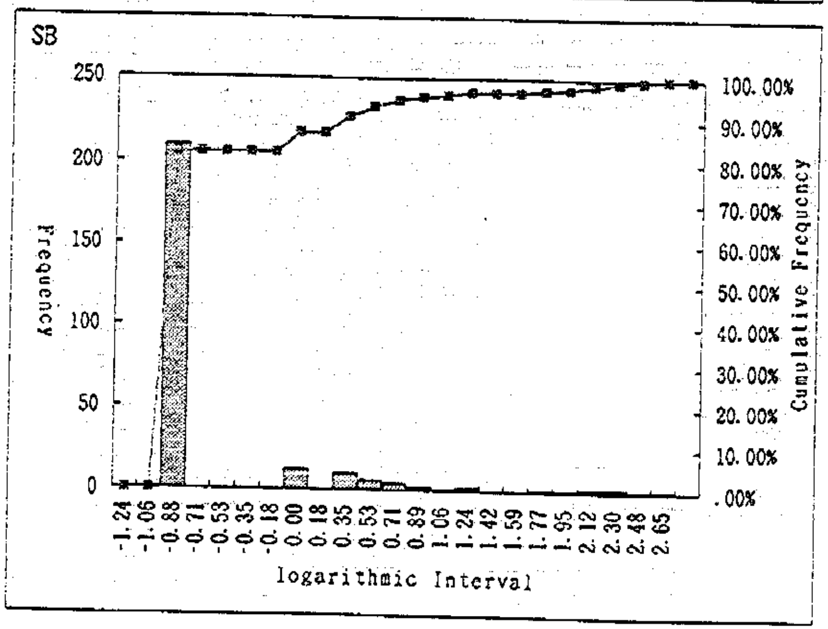
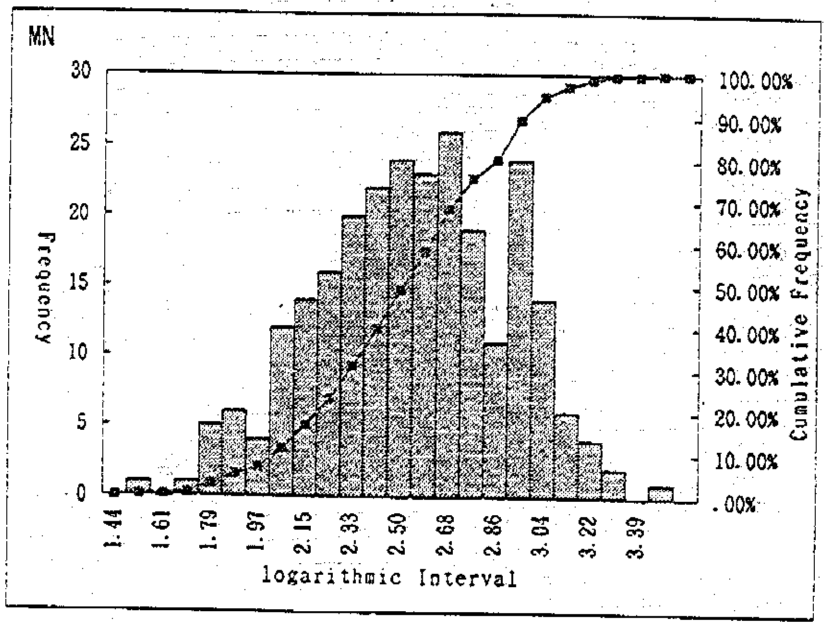
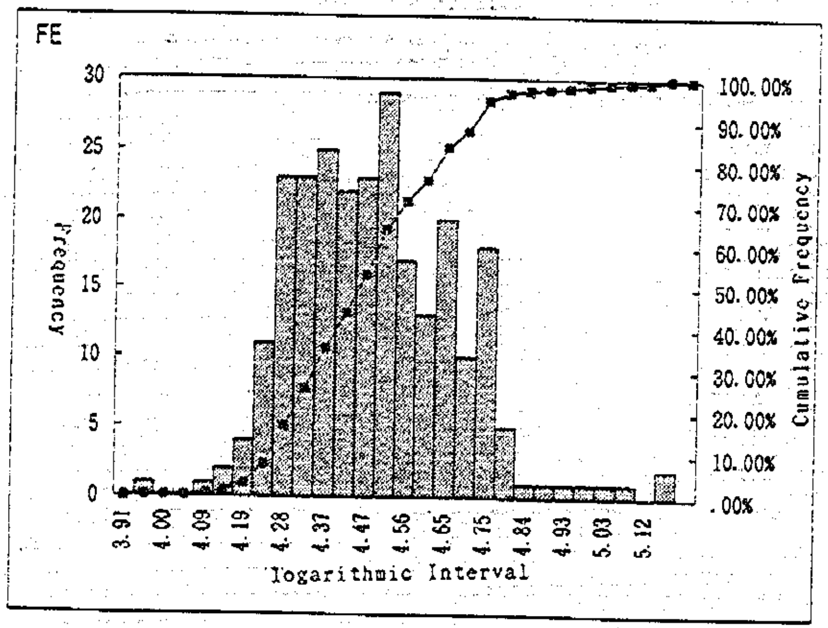
40
35
30
25
20
15
10
5
0
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
.00%
Cumulative Frequency
0.52 0.76 0.99 1.22 1.46 1.69 1.93 2.16 2.39 2.63 2.86 3.10 3.33 3.56
logarithmic Interval


SB
Frequency
250
200
150
100
50
0
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
.00%
Cumulative Frequency
-1.24 -1.06 -0.88 -0.71 -0.53 -0.35 -0.18 0.00 0.18 0.35 0.53 0.71 0.89 1.06 1.24 1.42 1.59 1.77 1.95 2.12 2.30 2.48 2.65
logarithmic Interval


MN
Frequency
30
25
20
15
10
5
0
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
.00%
Cumulative Frequency
1.44 1.61 1.79 1.97 2.15 2.33 2.50 2.68 2.86 3.04 3.22 3.39
logarithmic Interval


FE
Frequency
Cumulative Frequency
logarithmic Interval
3.91
4.00
4.09
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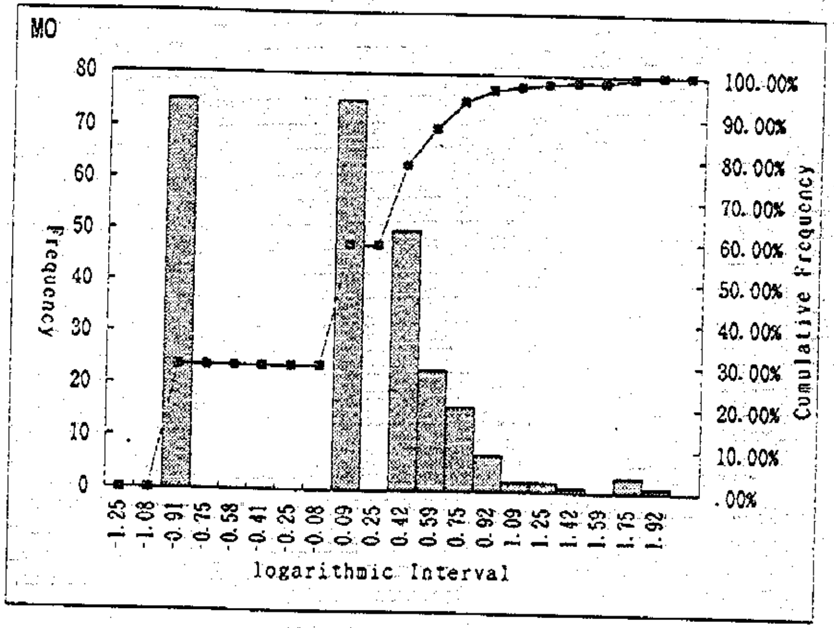
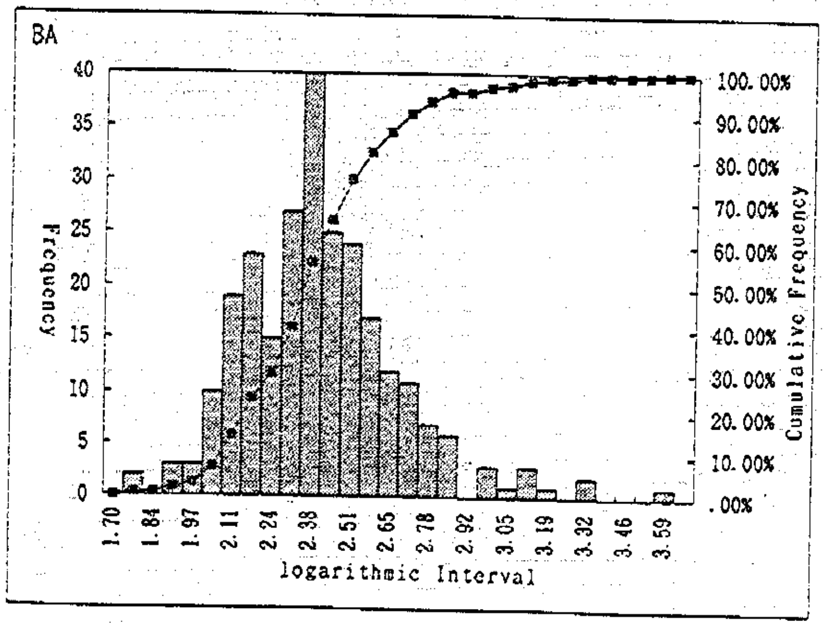
4.28
4.37
4.47
4.56
4.65
4.75
4.84
4.93
5.03
5.12

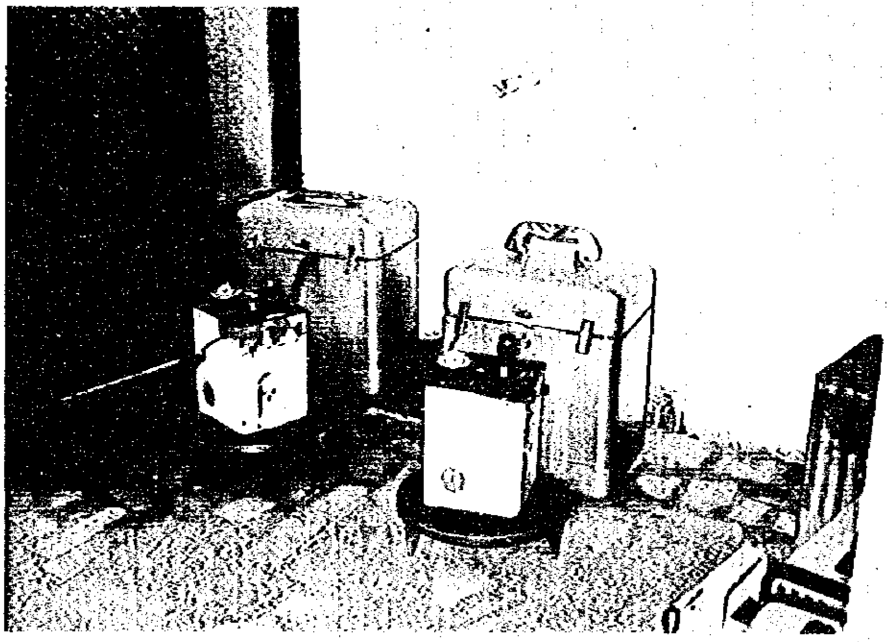

MO
Frequency
Cumulative Frequency
logarithmic Interval
-1.25
-1.08
-0.91
-0.75
-0.58
-0.41
-0.25
-0.08
0.09
0.25
0.42
0.59
0.75
0.92
1.09
1.25
1.42
1.59
1.75
1.92


BA
Frequency
Cumulative Frequency
logarithmic Interval
1.70
1.84
1.97
2.11
2.24
2.38
2.51
2.65
2.78
2.92
3.05
3.19
3.32
3.46
3.59

B-1 Gravity Base Station Description

GRAVITY BASE STATION DESCRIPTION

NO.1000



LOCATION	Espiye-Giresun	DATE OF MEASUREMENT	Oct. 1995
GRAVITY VALUE	980 272.485 mgal	REMARKS