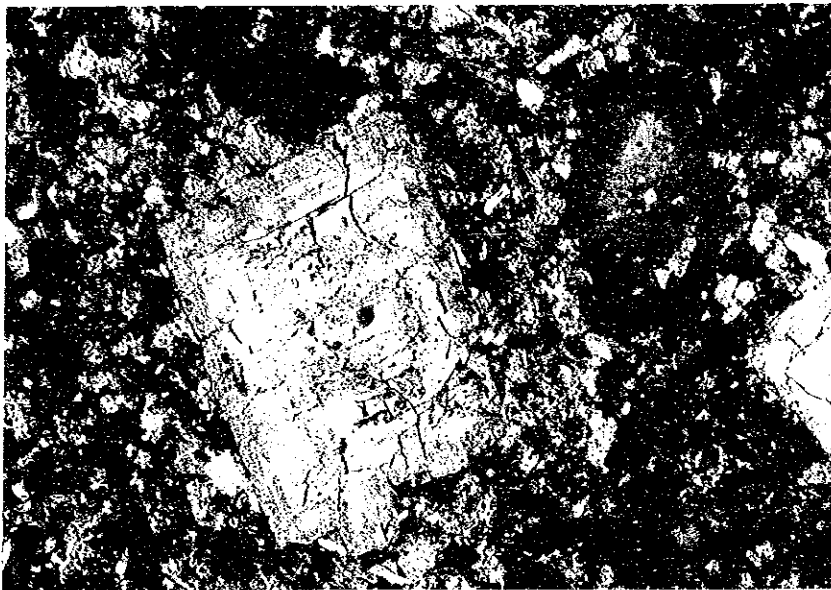


(in plane-polarized light)



(under crossed polars)

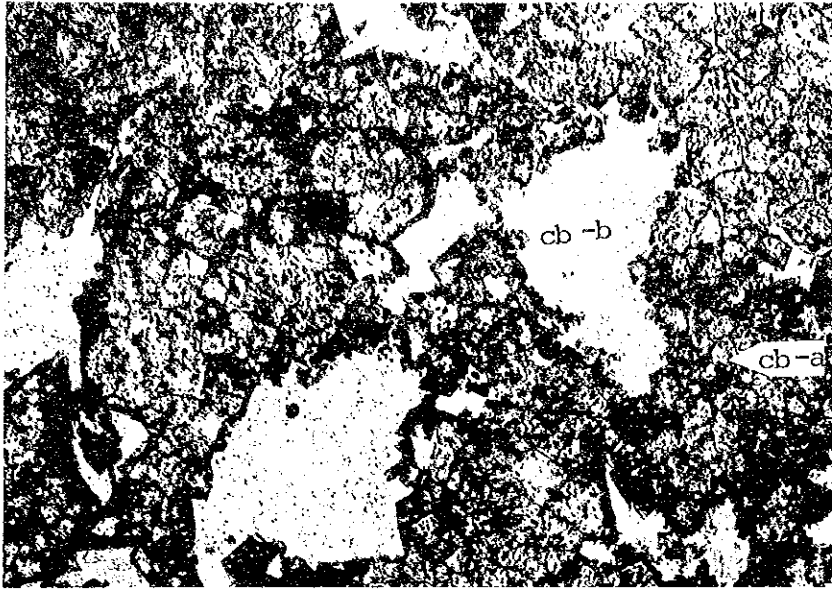


Abbreviation

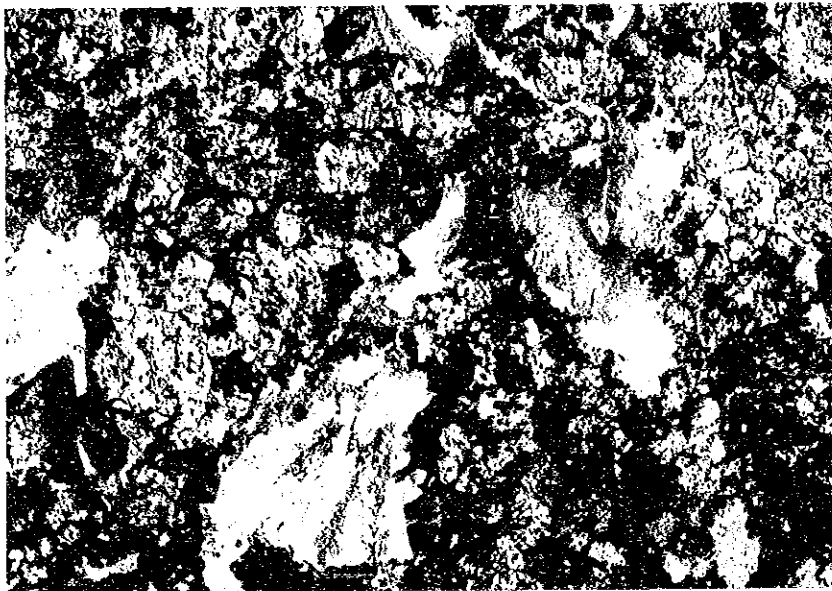
or : orthoclase
ne : nepheline
ag : aegirine
cn : cancrinite

Sample No. : 100132G
Location : North Ruri Area
Rock name : Nephelinite

APPENDIX-4 Microphotographs(Thin sections)



(in plane-polarized light)



(under crossed polars)

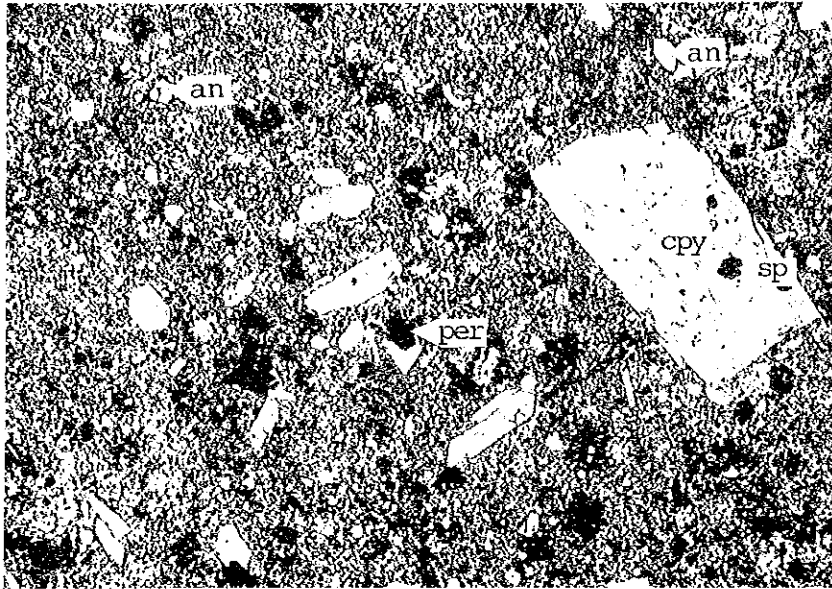


Abbreviation

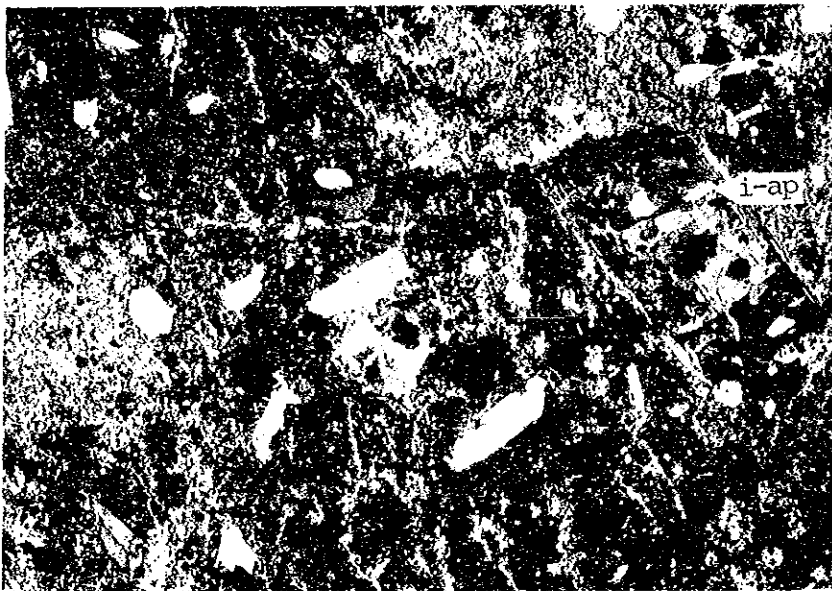
cb-a : carbonate mineral : euhedral
cb-b : carbonate mineral : anhedral

Sample No. : 100832G
Location : Ndiru Hill Area
Rock name : Carbondite
(Ferrocarnonatite)

APPENDIX-4 Microphotographs(Thin sections)



(in plane-polarized light)



(under crossed polars)



Abbreviation

cpy : clinopyroxene
 sp : spinel
 per : perovskite
 an : analcite
 i-ap : inclusion of apatite

Sample No. : 99743G
 Location : Legetet Hill Area
 Rock name : Melanephelinite

APPENDIX-4 Microphotographs(Thin sections)

APPENDIX-3 SUMMARY OF MICROSCOPICAL OBSERVATION-POLISHED SECTIONS

AREA	SAMPLE NUMBER	Field term	IDENTIFIED MINERALS										UNIDENTIFIED MINERALS										REMARKS			
			mg(1)	mg(2)	ti-mg	hm	mhm	geh	el	pyc	rut	a	b	c	d	e	f	g	h	i	j					
S. RURI	99502G	FCB							•										•							e = i > geh
	100053G	FCB				•			•										•							geh > pyc > hm > i > j > rut
	100320G	Black vein.		•																						e = j >> mg(2)
RDHA MTR.	99981G	mg ore		•																						mg(2) > hm > b
	100490G	FCB		•																						mg(2) > hm >> j
NDIRU HILL	100827G	ALV																								i > b
	100846G	FCB				•																				hm >> a and b
	100853G	ALV																								h = c
BURU HILL	100094G	mg ore		•																						mg(1) & mg(2) = d > a > pyc
	100097G	gossan		•					•																	hm = geh > pyc > mg(2) > a
	101055G	mg ore																								j >> e > ti-mg
101081G	ore		•																						mg(2) > d > a > g > e	
101071G	mg ore		•																							mg(2)(1) > pyc > a > c
101079G	ore		•																							mg(2) > mg(1) > geh > rut > a
RN-401	black min.																									i > j > ti-mg

ABBREVIATIONS: * mg(1) = magnetite. * mg(2) = brownish pink magnetite. * ti-mg = titaniferous magnetite. * hm hematite. * mhm = maghemite. * geh = goethite. * el = electrum. * pyc = pyrochlore. * rut = rutile. * AlV = alvikite. * FC8 = ferro-carbonatite

mineral color pleochroism anisotropy internal reflection.	a	b	c	d	e	f	g	h	i	j
	cream white l. grey ~ grey strong	light grey weak, l. gry-gry	brownish grey clear, brwn-gry	greyish white grey ~ grey wh. clear, brwn-gry	greyish white strong, gry-wh.	brown, grey wh. weak strong, gry-wh.	brown, grey wh. brwn-gry-wh.	bluish grey clear weak, gry-l. gry	greyish white strong, dark gr	light grey weak strong, gry

APPENDIX-6 MICROSCOPICAL OBSERVATION OF POLISHED SECTIONS-I

AREA Number	Field term	Macroscopical feature and/or objective	Constituent minerals	Texture and paragenesis	Major result of other tests/Remarks
S.RURU 95502G	Ferrocarnonate (dyke)		* e ≡ i >> geh	* e and i: Anhedral granular (approx 0.1mm) to anhedral irregular (0.02x 0.1mm). Both are closely associated each other, and occur fairly abundantly in gangue minerals as widely spaced reticular veinlets.	* Thin section: carbonate 70% with two unidentified opaque minerals.
KUSE 100653G	Ferrocarnonate		* geh>pyc>hm> >j>rut	* hm: Partly altered to goethite (rectangular to subhedral <1.0x0.5mm), and abundantly scattered in pyrochlore. * i & j: Anhedral irregular to granular, scattered throughout. * rut: Very fine (<0.1mm), irregularly shaped, & included in pyrochlore.	* Gamma-ray: 9355cps at sample site. * X-ray: Calc, Ba, Ti, Mn, hm are identified. * Thin sect.: Carbonate=10%. Rest are opaque minerals. * Chem. analys.: Fe2O3=51%, Th 2357ppm
SOKLO 100320G	Black veinlet in sovite		* e ≡ j >> mg(2) * Black streak is possibly a transparent min.	* e and j: Microgranular (<0.1-0.2mm), macroscopically observed to be scattered in the black streak. * mg(2): Microgranular (<0.07mm) and scarce.	* Gamma-ray: 2213cps at sample site. * X-ray: Cal >> C-hydroap. * Thin sect.: Cal=85%, ap=5%, bi=minor
HONA MTN 95961G 100490G	Iron ore	* Black, massive, compact and hard, with strong magnetism.	* mg(2) >> hm >> b	* mg(2): Aggregate of subhedral to anhedral grains (<0.1-0.5mm). Changes into hm from periphery inwards. * b: Penetrates reticularly interstices of mg-hm grains.	* Thin sect.: 70% opaque mineral with 10% of possible biotite.
100490G	Ferrocarnonate	* With abundant hematite.	* mg(2) >> hm >> j	* mg(2): Brownish pink, subhedral to anhedral (<0.0x0.5mm), scattered fairly abundantly. Peripheries of grains are hematitized and foliated hematite is included at their cores. * j: Euhedral to subhedral (<0.15mm), small amount. * Other than above, very fine hematite (<0.07mm) is abundantly included.	* Thin sect.: do! >> cal: 50% * Opaque min=50%, ap, mica, chl, and siliceous spn or ga. * Chem. analys(ppm): Nb: 2200, Y: 170, La: 980, Ce: 1804.
NDIRU H. 100827G	Alvikite	* Light brown fine grained rock with irregularly shaped black specks.	* i > b	* Quantity of ore mineral is scarce. * i: Irregularly shaped anhedral (<0.05mm). * b: Euhedral to subhedral (0.1-0.15mm)	* Gamma-ray: 1400cps at sample site. * Thin sect.: cal=70%, ap, chl, siliceous spn, ga, xen and unidentified brown matter (20%). * Chem. analys(ppm): Th: 290, Nb: 550, Y: 180, La: 470, Ce: 810
100846G	Ferrocarnonate	* Brown, clustered with black mineral * Highest gamma-ray reading in the Ndiru Hill prospect	* hm >> a and b	* hm: Microgranular anhedral (<0.07mm) and scattered throughout. * a and b: Scattered throughout. Some "b" penetrates reticularly "a".	* Gamma-ray: 6800cps at sampling site. * X-ray: cal >> ba, hm * Chem. analys(ppm): U: 26, Th: 410, Nb: 310, Y: 185, La: 3200, Ce: 4800, Sm: 170, Gd: 680

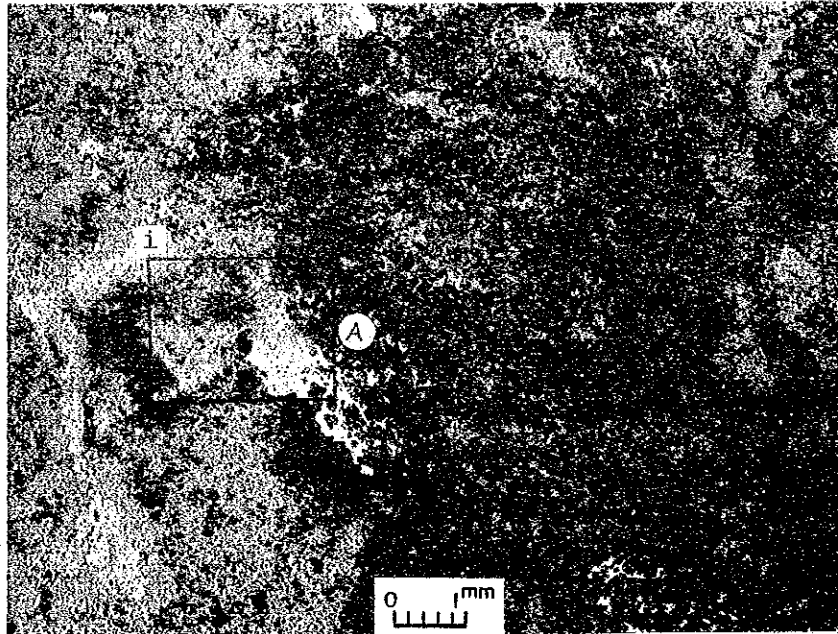
APPENDIX-6 MICROSCOPICAL OBSERVATION OF POLISHED SECTIONS-2

AREA Number	Field term	Macroscopical feature and/or objective	Constituent minerals	Texture and paragenesis	Major result of other tests/Remarks
NDIRU H. 100853G	Alvikite	*Brownish grey, fine grained.	*unident. h ≡ unident. c	* Quantity of ore minerals is small. * Both occur closely intergrown in irregularly shaped grains that fill interstitially gangue minerals.	* Gamma-ray: 1300cps at the sampling site. * Thin sect: Carbonate: 80% unident. brown matter and possible barite. * Chem. analy: BaO=1.12%, Minor elem. in ppm: Y=300, Th=130, La=1000, Ce=2000
Suru H. 100894G	Massive magnetite partly limonitized	* Compact, hard and heavy. Flow structure-like irregular pattern by reddish brown limonite is observed.	* mg(2)&(2) ⇒ d ⇒ pyc	* Granular to irregular vein-like (0.25x0.02mm) unidentifed-d includes other ore minerals. * mg: Brownish pink one(mg(1)) is scattered as euhedral to subhedral (0.1-0.4mm). Magnetite crystals are rimmed with unident.-a, and often show foliated and lattice-like exsolution structures inside. In places greyish white one(mg(1)) penetrates reticularly gangue minerals. * unident.-a: Other than -a mentioned above, some more euhedral grains (0.3x2.0x0.5mm) are scattered fairly abundant. * pyc: Granular to irregularly shaped anhedral. Sporadically scattered.	* Gamma-ray: 5987cps at sampling site * Magnetic suscept.: 35.80 10-3 SIU * Chem. analy.: [%] Fe2O3=72.27, MnO=9.04, BaO=3.25/ [ppm] Th=1000, Nb=605, Y=3100(highest in whole the project area), La=2400, Ce=2100, Nd=2000, Sm=350, Eu=110, Yb=100(high est)
100997G	Porous gossan; possibly after semi-massive magnetite ore	* Porous with thin white hairline vein-lets of fluorite and spots of black mineral.	* hm ⇒ geh ⇒ pyc ⇒ mg ⇒ a	* hm: Shows lattice structure, often being closely associated with goethite. Occasionally included in unidentifed-a * unident.-a: Anhedral, irregularly shaped (<1.0x0.4mm), as discrete grains or aggregates. * pyc: Anhedral, irregularly shaped to granular (<0.2-0.1mm). Scattered. * mg(2): Brownish pink, granular to anhedral (0.1-0.4mm). Scattered.	* Gamma-ray: 4276cps at sampling site * Magnetic suscept.: 2.44 10-3 SIU * X-ray: Magnetite and hematite are identified. * Chem. analy.: [%] Fe2O3=60.87, MnO=8.25, BaO=7.08/[ppm] Th=1200, Nb=3300, Y=780, La=8390, Ce=15600, Nd=2700, Sm=210, Eu=62, Yb=30
101055G	Massive iron oxide ore	* Brownish black, fine grained, compact, hard; with small greenish crystals of a transparent mineral	* unident.-j ⇒ unident.-e ⇒ titaniferous magnetite (ting)	* unident.-j: Anhedral irregular to subhedral granular (<2.0x1.0mm). Abundantly distributes in gangue minerals. In places included with unident.-e as microgranular to anhedral irregular grains (<0.6-1.0mm). * ting: Rectangular to subhedral (<0.3-1.0mm) grains are scattered. foliated to lattice-like exsolution structure is prominent.	* Gamma-ray: 4510cps at sampling site * Magnetic suscept.: 0.75 10-3 SIU * X-ray: quartz, barite, fluorite, and hematite are identified. * Chem. analy.: [%] SiO2=38.11, Fe2O3=25.47, P2O5=1.83, MnO=6.04, BaO=10.58/ [ppm] Th=890, Nb=1010, Y=490, La=3400, Ce=4200, Nd=1100, Sm=200, Eu=63, Yb=24

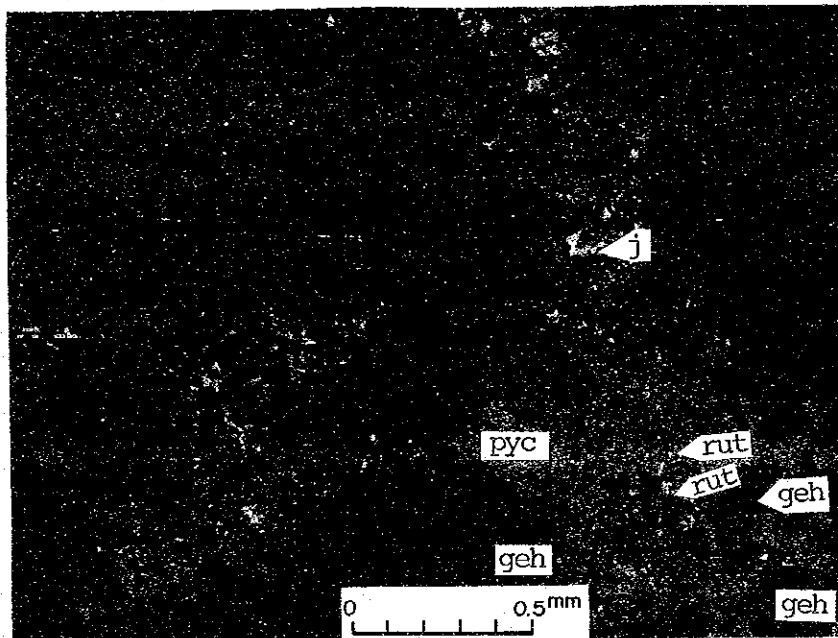
APPENDIX-6 MICROSCOPICAL OBSERVATION OF POLISHED SECTIONS-3

AREA Number	Field term	Macroscopical feature and/or objective	Constituent minerals	Texture and paragenesis	Major result of other tests/Remarks
BURU H. 10106TG	Weathered rock with magnetite-hematite veinlets and dissemination	* Yellowish white; stained with hematite and limonite to purplish red color.	* mg>unident-a>unident-e	* Composed of bandings of "mg-bearing and-d", "geh", and "e-bearing". * mg & -d: Abundantly scattered in -g as euhedral to subhedral grains. (<0.7x0.5mm) * mg(2): Light brownish pink. Rimmed by unident- and includes it as foliation> * unident-d: Includes anhedral irregular grains of -e (<0.15x0.07mm).	* Gamma-ray: 4362cps at sampling site * Magnetic susc.: 9.59 10-3 SIU * Thin sect: Fluorite(7)30% opaque mineral 20%. Brown matter 20%. Vesicles 30% * Chem. analy.: [%] SiO2=1.98, Fe2O3=46.76, CaO=20.82, P2O5=12.36, MnO=3.16, BaO=1.29/ [ppm]Th=300, Nb=1355, Y=610, La=1200, Ce=1700, Nd=500, Sm=93, Eu=28, Yb=27
101071G	Massive magnetite ore [Gold pyrochlore bearing barite-fluorite magnetite ore]	* Black, massive, compact and hard. * Highest magnetic susceptibility and lowest gamma-ray reading in this prospect.	* mg>pyc>unident-a>-c>el	* magnetite: Microgranular (<0.02mm) to anhedral irregular-subhedral (<0.1mm). Abundantly distributed with occasional anhedral pyrochlore (<0.4x0.1mm). Unidentified-a is also scattered throughout. Greyish magnetite(1) predominates, but brownish pink one(mg(2)) also occurs a small amount as granular to anhedral grains (<0.03mm). * unident-a: Anhedral irregular to subhedral (<0.02-0.2x0.05mm). Occasionally replaces pyrochlore and includes -c. Zonal structure is observed in places. * electron: Golden colored, microgranular to irregularly shaped anhedral (1-20 μ), associated with pyrochlore, and lined in a direction.	* Gamma-ray: 997cps at sampling site * Magnetic susc.: 181.0 10-3 SIU * Thin sect: Fluorite 30%. Opaque mineral 30%. Brown matter 10%. Vesicles 10-20%. apatite and biotite * Chem. analy.: [%] SiO2=2.53, Fe2O3=49.42, CaO=17.33, P2O5= 0.52, MnO=1.86, BaO=10.63/ [ppm]Th=300, Nb=1355, Y=610, La=1200, Ce=1700, Nd=500, Sm=93, Eu=28, Yb=27
101079G	Bastnaesite bearing barite-fluorite-magnetite-goethite rock	* Rough surfaced relatively porous. * Yellowish white (translucent) and greenish white (transparent) minerals irregularly inter-growth. * Penetrated by abundant goethite veinlets.	* mh>mg>geh>rut>-a	* Spotted, disseminated, irregular to reticular structure. * magnetite: Occurs in irregular veinlets with goethite, as anhedral aggregate(2.0x1.5mm). * magnetite: Brownish pink, subhedral to granular(0.05-0.15mm) abundantly scattered. * unident-a: Rims magnetite, and is included in it forming micro-foliated exsolution structure. * rutile: Subhedral to prismatic(0.06mm) and scattered throughout.	* Gamma-ray: 6126cps at sampling site * Magnetic susc.: 0.16 10-3 SIU * Thin sect: Fluorite 55%. Opaque mineral 10%. Barite 5%. dolomite<3% Vesicles 30%. apatite and chlorite. Fluorite, bastnaesite and magnetite are identified. * Chem. analy.: [%] SiO2=2.26, Fe2O3=16.76, CaO=40.60, P2O5= 0.55, MnO=5.21, BaO=1.92 / [ppm]Th=250, Nb=175, Y=730, La=19500, Ce=17900, Nd=2400, Sm=100, Eu=61, Yb=47
RH-40T	Veinlet of black metallic mineral	* Black metallic and looks like manganese oxide mineral.	* unident-i->-j>>ti-ng	* unident-i: Shows reticular structure that crosscuts unident-j. * unident-j: Aggregates composed of microacicular to long acicular (<1.5x0.3mm) crystals are prominent under crossed nicols. * titaniferous magnetite: A small amount scattered (<0.05-0.13mm).	* X-ray: Hematite, dolomite and fluorite are identified. Suspicious peak of anhydrite is observed.

PL - 1



PL - 2
[PL-1(A)]



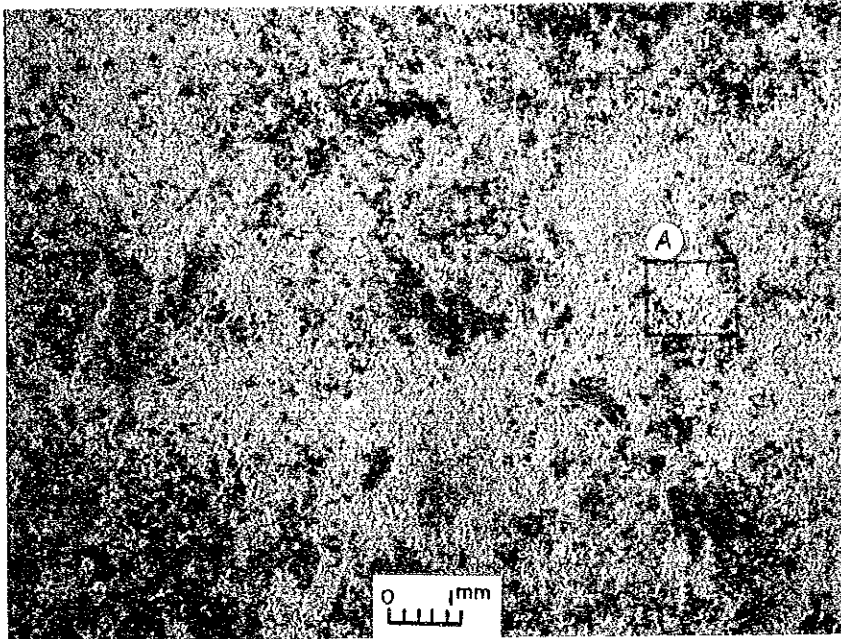
Abbreviation

pyc : pyrochlore
geh : goethite
rut : rutile
i,j : unidentified mineral-i,j

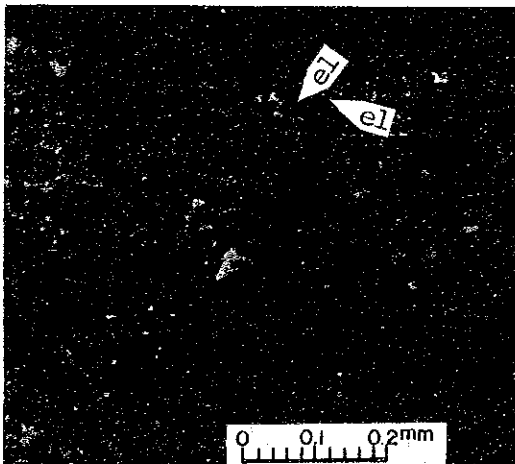
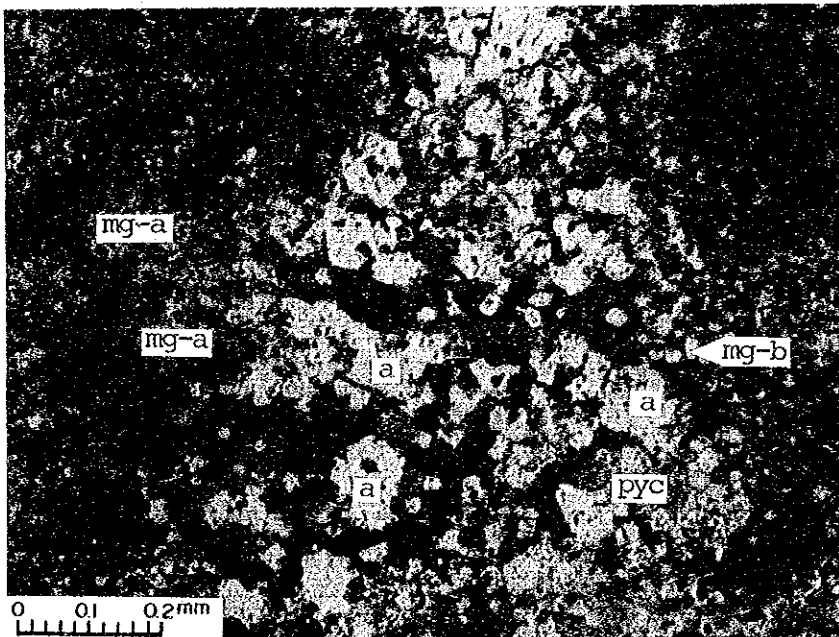
Sample No. : 100053G
Location : Kuge-Lwala Area
Ore name : Ferrocarnatite

APPENDIX-7 Microphotographs(Polished sections)

PL - 1



PL - 2
[PL-1(A)]



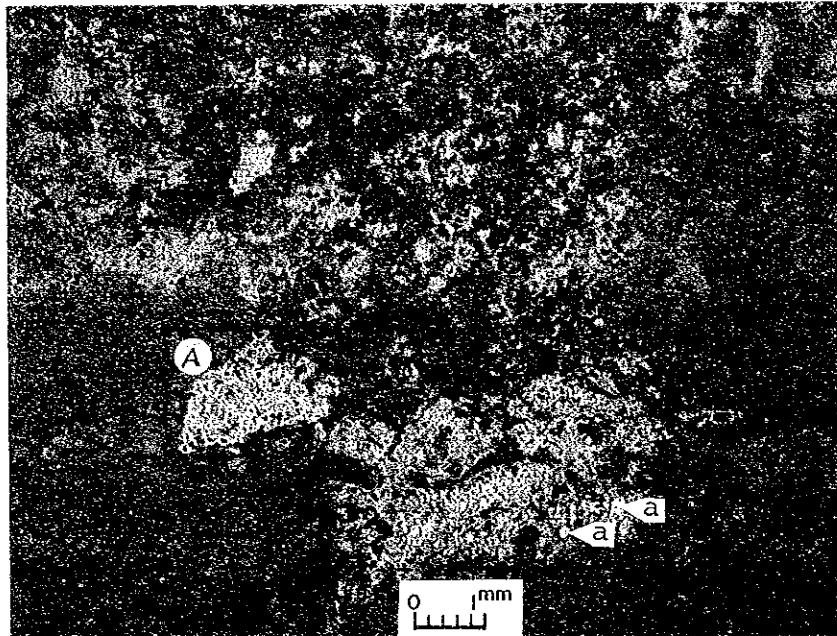
Sample No. : 101071G
 Location : Buru Hill
 Ore name : Massive magnetite ore
 [Gold pyrochlore bearing
 barite-fluorite magnetite
 ore]

Abbreviation

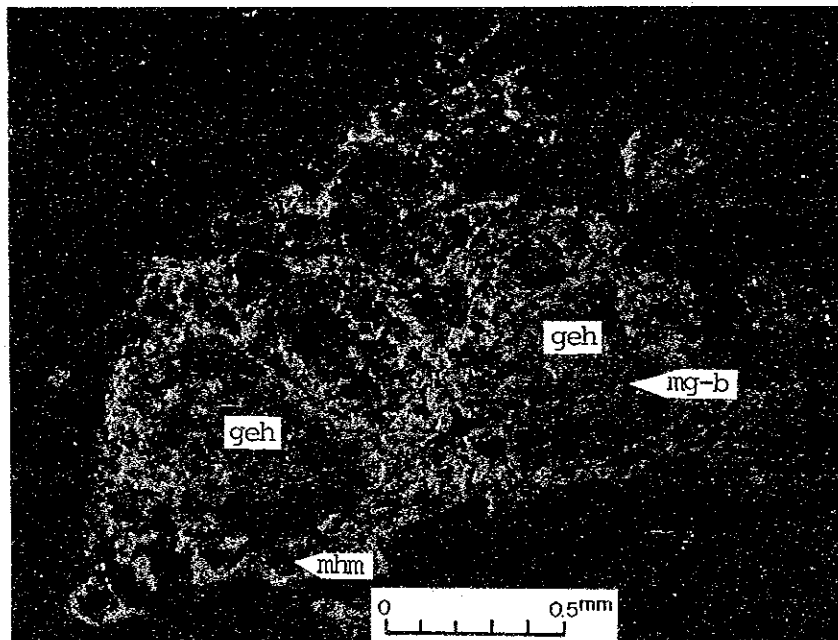
mg-a : greyish magnetite
 mg-b : brownish pink magnetite
 pyc : pyrochlore
 el : electrum
 a : unidentified mineral-a

APPENDIX-7 Microphotographs(Polished sections)

PL - 1



PL - 2
[PL-1(A)]



Abbreviation

geh : goethite
mg-b : brownish pink magnetite
mhm : maghematite
a : unidentified mineral-a

Sample No. : 101079G
Location : Buru Hill
Ore name : Bastonesite bearing barite
-fluorite-maghematite-
goethite rock

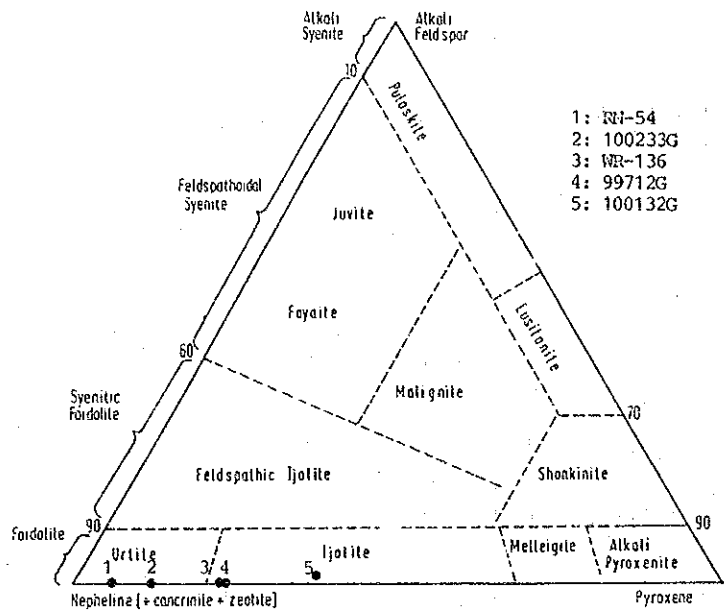
APPENDIX-7 Microphotographs(Polished sections)

APPENDIX-8 RESULTS OF CHEMICAL ANALYSIS-SILICATE ROCKS AND MINERALIZED ROCKS

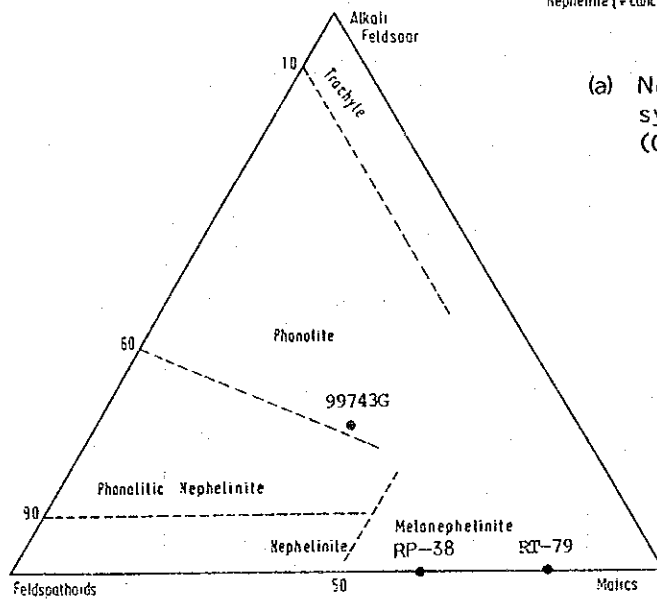
	Area	Rock TYPE	SiO2 (%)	Al2O3 (%)	Fe2O3 (%)	MgO (%)	CaO (%)	Na2O (%)	K2O (%)	TiO2 (%)	P2O5 (%)	MnO (%)	BaO (%)	L.O.I. (%)	Total (%)	FeO (%)	+H2O (%)	-H2O (%)
99712G	Sagarume	IJ	39.23	17.32	6.65	1.95	15.81	8.46	3.49	1.90	0.60	0.16	0.04	2.36	97.98	1.94	0.15	0.14
99743G	Legetet	NEP	40.39	14.15	11.42	3.26	11.37	6.15	2.35	3.01	0.54	0.26	0.16	4.27	97.34	4.49	2.34	1.12
99865G	Sagarume	FEN	73.71	12.18	2.78	0.17	0.71	4.24	5.69	0.18	0.11	0.06	0.06	0.33	100.25	0.31	0.03	0.14
100089G	Buru H.	ORE	4.83	1.69	13.49	0.57	43.46	0.42	1.17	0.33	0.34	2.99	3.40	5.42	78.12	0.10	1.66	0.58
100994G	Buru H.	ORE	2.28	0.98	72.27	0.25	1.29	0.23	0.13	0.06	0.94	9.04	3.25	8.17	98.89	0.16	4.54	1.36
100097G	Buru H.	ORE	2.92	2.03	60.87	0.32	2.60	0.21	0.80	0.08	0.61	8.25	7.08	10.17	95.94	0.14	5.75	1.66
100132G	N. Ruri	SYN	47.58	17.16	8.22	0.74	5.52	8.48	7.05	0.61	0.15	0.44	0.44	2.79	99.19	1.21	1.23	0.60
100233G	Homa Mtn	IJ	40.11	19.50	5.46	1.92	12.95	9.58	5.08	0.67	0.51	0.20	0.07	2.65	98.71	1.49	0.34	0.17
100323G	Sokio	FEN	48.33	12.15	6.49	1.01	9.85	2.55	10.55	0.28	0.65	0.27	0.42	6.95	99.51	0.60	0.17	0.11
101055G	Buru H.	ORE	38.11	1.11	25.47	0.37	5.48	0.30	0.78	0.42	1.83	6.04	10.58	6.94	97.43	0.20	2.88	0.49
101056G	Buru H.	ORE	54.82	0.87	8.35	0.14	15.02	0.30	0.77	0.13	0.58	0.57	4.87	5.44	91.87	0.37	1.02	0.19
101061G	Buru H.	ORE	1.98	2.12	46.78	0.18	20.82	0.40	0.60	0.47	12.36	3.16	1.29	5.27	95.44	0.24	2.72	0.79
101071G	Buru H.	ORE	2.53	1.85	49.42	0.27	17.33	0.33	0.82	0.18	0.52	1.86	10.63	6.05	91.79	0.17	3.03	0.81
101075G	Buru H.	ORE	60.79	13.44	6.58	0.65	1.40	0.80	9.66	0.38	0.14	0.41	1.01	2.92	98.19	0.21	1.41	0.60
101079G	Buru H.	ORE	2.26	1.23	16.76	0.30	40.60	0.35	0.55	0.09	0.55	5.21	1.92	5.59	75.42	0.20	1.79	0.58
101083G	Buru H.	ORE	2.36	1.66	25.32	0.25	28.32	0.31	0.39	0.20	0.91	5.81	8.02	6.26	79.82	0.40	2.52	0.79
RN-54G	Rangwa	IJ	33.06	12.93	9.16	7.99	16.67	4.87	3.25	2.39	1.99	0.21	0.44	1.69	94.66	3.87	0.37	0.17
RP-79G	Region S	NEP	35.32	6.48	16.92	8.75	18.31	1.23	0.82	3.73	0.43	0.23	0.12	3.03	95.38	7.76	2.51	0.89
RT-38G	Region S	NEP	34.58	8.72	15.01	6.61	17.45	2.99	1.50	4.24	0.79	0.28	0.16	3.29	95.63	7.42	2.08	1.43
RT-77G	Region S	MRHY	81.86	10.35	1.33	0.37	0.52	0.25	2.32	0.11	0.12	0.02	0.03	1.80	99.07	0.26	0.68	0.36
WR-136	Region S	IJ	40.47	20.07	6.80	3.24	11.02	9.41	3.55	1.53	0.76	0.15	0.02	0.74	97.77	2.36	0.35	0.25

APPENDIX-8a NORMS OF SILICATE ROCKS

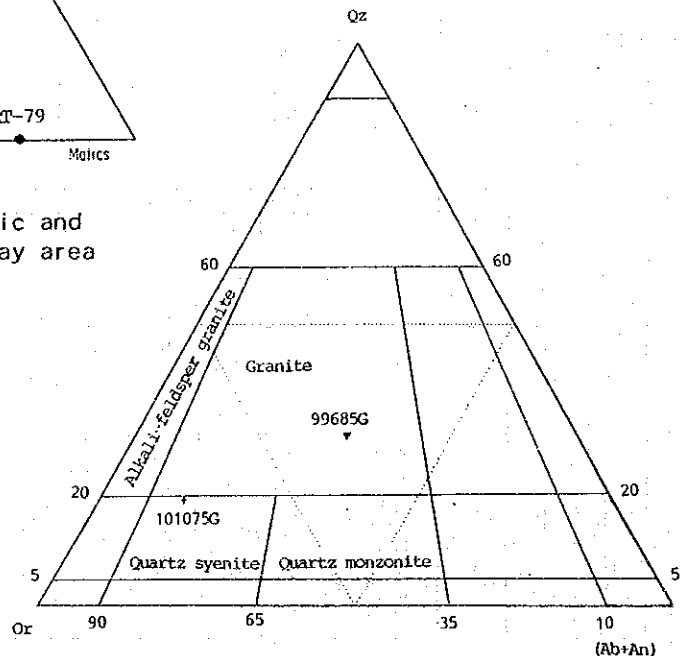
Sample Number	99712G	99743G	99865G	100132G	100233G	100323G	101075G	RN-54	RP-79	RT-38	RT-77	WR-136
Area	Sagarume	Legetet H.	Sagarume	North Ruri	Homa Mtn.	Soklo	Buru Hill	Rangwa	Regional Survey Area			
Rock Type	ijolite	nephelin.	fenite	ne-syenite	ijolite	fenite	gneiss	ijolite	nephelin.	nephelin.	meta-fly ?	
K-Ar Isotopic Age(MA)	25.8±1.3	10.7±0.6	---	---	---	---	---	---	4.5±0.5	14.4±0.8		16.2±0.8
Quartz	0.00	0.00	27.54	0.00	0.00	0.00	15.91	0.00	0.00	0.00	70.20	0.00
Corundum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.77	0.00
Orthoclase	0.00	13.89	33.62	1.24	0.00	4.02	57.08	0.00	0.00	0.00	13.71	0.00
Albite	0.00	5.05	30.97	0.00	0.00	0.00	6.77	0.00	0.00	0.00	2.12	0.00
Anorthite	0.00	4.06	0.00	0.00	0.00	0.00	4.55	3.82	9.74	5.94	1.80	2.04
Leucite	16.17	0.00	0.00	31.70	17.11	45.73	0.00	15.06	3.80	6.95	0.00	16.45
Nepheline	37.73	25.45	0.00	26.55	39.01	2.04	0.00	22.32	5.64	13.71	0.00	43.13
Kaliophillite	0.00	0.00	0.00	0.00	4.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Acmite	1.70	0.00	4.32	19.88	7.97	15.70	0.00	0.00	0.00	0.00	0.00	0.00
Wollastonite	9.77	20.33	1.17	11.03	0.00	18.63	0.62	1.17	21.74	17.25	0.00	9.14
Enstatite	4.86	8.12	0.42	1.84	0.00	2.52	1.61	1.01	17.67	13.81	0.92	7.89
Ferrosillite	0.00	0.00	0.00	2.03	0.00	0.82	0.00	0.00	1.47	1.43	0.00	0.00
Forsterite	0.00	0.00	0.00	0.00	3.35	0.00	0.00	13.24	2.89	1.86	0.00	0.12
Fayalite	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.26	0.21	0.00	0.00
Ca-orthosilicate	15.82	0.00	0.00	0.00	18.86	0.00	0.00	19.52	8.12	10.57	0.00	7.98
Magnetite	1.27	6.50	0.67	0.00	1.51	0.57	0.92	6.35	11.99	9.77	0.59	3.80
Hemitite	3.03	1.87	0.47	0.00	0.00	0.00	5.72	0.47	0.00	0.00	0.63	1.52
Ilmenite	3.61	5.71	0.34	1.16	1.27	0.53	0.72	4.52	7.05	8.01	0.21	2.89
Apatite	1.39	1.25	0.25	0.35	1.18	1.51	0.32	4.61	1.00	1.83	0.28	1.76
TOTAL	95.35	92.40	99.78	95.81	95.81	92.06	94.22	92.09	91.36	91.34	97.22	96.73
Differentiation Index	37.73	44.39	92.13	27.79	43.67	6.06	79.76	22.32	5.64	13.71	86.02	43.13



(a) Normative variation of ijolite and syenitic rocks from the Homa Bay area (Classification: by LeBas, 1977)



(b) Normative variation of nephelinitic and phonolitic rocks from the Homa Bay area (Classification: by LeBas, 1977)



(c) Normative variation of igneous rocks from the Homa Bay area (Classification: by IUGS, 1973)

APPENDIX-8b. 3 Components plot of Silicate Rocks (NORMs)

APPENDIX-9 RESULTS OF CHEMICAL ANALYSIS-CARBONATITIC ROCKS-(1) MAJOR ELEMENTS

Sample Number	Area	Rock Type	SiO2 (%)	Al2O3 (%)	Fe2O3 (%)	HgO (%)	CaO (%)	Na2O (%)	K2O (%)	TiO2 (%)	P2O5 (%)	MnO (%)	BaO (%)	L. O. I. (%)	Total (%)	CO2 (%)	Feo (%)	+H2O (%)	-H2O (%)
40929E	Rangwa	C88	7.91	2.51	8.73	2.13	40.66	0.22	0.27	3.33	0.10	0.10	0.02	30.40	96.39	28.80	2.42	0.63	0.65
99543E	N. Ruri	ALV	2.30	0.49	8.95	0.32	45.90	0.30	<0.01	0.08	0.85	0.36	0.05	36.48	96.10	35.00	2.35	0.13	0.27
99589G	Homa Mtn	FCB	1.29	0.49	6.60	0.58	43.98	0.34	0.35	0.17	0.08	0.97	1.00	37.92	93.78	33.50	0.11	0.64	0.35
99729G	Sagarume	ALV	1.59	0.54	2.15	0.30	49.80	0.43	0.43	0.03	0.87	0.67	0.24	40.71	97.77	40.20	0.07	0.30	0.21
99759G	Legetet	CBTF	10.75	1.83	7.01	0.28	41.04	0.79	2.22	0.20	0.31	0.87	1.37	32.66	99.34	31.70	0.12	0.70	0.29
100051G	Kuge	ALV	1.57	0.57	2.26	0.46	52.69	0.25	0.13	0.06	0.33	0.56	0.38	41.30	100.57	41.20	0.13	0.11	0.18
100053G	Kuge	FCB	2.86	0.89	51.01	0.71	13.48	0.22	0.06	0.01	0.55	9.30	3.20	18.66	100.95	10.50	0.50	5.46	0.88
100111G	S. Ruri	FCB	17.83	5.24	9.79	1.41	30.01	1.38	1.20	0.30	2.96	0.82	0.35	24.00	95.30	20.10	0.53	1.97	1.32
100127G	N. Ruri	SOV	3.61	1.03	2.26	0.35	49.88	0.46	0.29	0.09	1.87	0.29	0.17	38.59	96.90	38.40	0.30	0.02	0.07
100152G	S. Ruri	SOV	36.14	3.98	1.74	0.14	33.02	0.19	<0.01	0.03	0.10	0.22	0.02	23.86	99.96	23.40	0.25	0.07	0.10
100303G	Sokio	FCB	14.90	4.84	6.89	1.12	34.23	0.36	3.51	0.49	1.86	0.79	1.00	25.71	95.71	23.60	1.60	0.50	0.30
100324G	Sokio	SOV	1.61	0.58	1.62	0.38	50.38	0.24	0.29	0.08	0.62	0.25	0.13	41.34	97.74	38.20	0.27	0.06	0.10
100389G	Ngour	SOV	4.07	1.02	3.53	0.67	50.96	0.25	0.22	0.20	1.76	0.50	0.24	37.61	101.04	31.60	0.06	0.46	0.77
100490G	Homa Mtn	FCB	1.07	0.66	19.67	11.71	24.71	0.28	<0.01	0.11	0.14	1.38	1.31	34.74	95.78	33.60	0.22	0.46	0.40
100827G	Ndiru H.	ALV	0.75	0.37	4.21	0.41	47.02	0.32	<0.01	0.15	4.21	0.53	1.07	36.58	95.64	33.50	0.16	0.46	0.22
100832G	Ndiru H.	FCB	1.25	0.64	8.32	0.59	45.21	0.20	<0.01	0.20	0.22	1.23	1.62	38.03	99.67	36.60	0.11	1.27	0.41
100838G	Ndiru H.	SOV	0.97	0.41	3.67	0.53	49.44	0.30	<0.01	0.04	1.54	0.49	0.41	40.11	97.93	39.40	0.13	0.45	0.17
100846G	Ndiru H.	FCB	2.09	0.71	12.90	0.50	39.33	0.22	<0.01	0.05	0.26	1.69	1.52	35.42	94.71	33.00	1.10	1.94	0.51
100850G	Ndiru H.	SOV	1.05	0.43	4.66	0.36	51.54	0.26	<0.01	0.04	0.37	0.39	0.17	41.23	100.52	39.40	0.15	0.48	0.20
100853G	Ndiru H.	ALV	0.90	0.37	2.04	0.28	53.52	0.22	<0.01	0.05	0.49	0.79	1.12	41.05	100.85	39.00	0.15	0.33	0.21
101047G	Legetet	CBTF	0.47	0.39	2.55	0.53	50.69	0.31	<0.01	0.03	0.90	1.12	0.47	39.90	97.38	39.30	0.18	0.05	0.10
RO-2	Rangwa	ALV	0.89	0.53	2.80	0.30	48.79	0.30	<0.01	0.06	1.86	0.59	0.52	39.37	96.05	38.20	0.08	0.29	0.15

APPENDIX-9 RESULTS OF CHEMICAL ANALYSIS-CARBONATITIC ROCKS-(2) MINOR ELEMENTS

Sample Number	Area	Rock Type	Ba (ppm)	Sr (ppm)	Nb (ppm)	Y (ppm)	U (ppm)	Th (ppm)	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Tm (ppm)	Yb (ppm)	Lu (ppm)
40929E	Rangwa	C8B	300	580	63	<5	3	11	69	140	62	8.6	2.8	<50	0.5	<1	0.3	<0.1
99543G	N. RURI	ALV	320	3160	1050	58	130	140	290	600	240	25.0	8.8	delay	2.7	<1	1.7	0.6
99599G	Homa Mtn	FCB	620	542	350	43	delay	57	1017	1964	766	74.8	19.5	delay	3.6	delay	9.4	0.8
99728G	Sagarume	ALV	13060	2310	490	210	11	17	829	2110	1180	244.5	37.2	delay	12.2	delay	4.2	0.5
99759G	Legetet	C8TF	1180	3420	480	175	<1	51	585	902	315	41.6	14.0	delay	5.4	delay	9.0	1.4
100051G	Kuge	ALV	2590	1975	715	185	<1	53	434	909	417	67.8	21.5	delay	7.5	delay	12.9	0.7
100053G	Kuge	FCB	30400	934	275	240	<3	2357	51	415	1147	283.0	74.9	delay	10.2	delay	5.0	0.9
100111G	S. Ruri	FCB	1180	4400	150	46	6	12	270	450	200	24.0	6.2	delay	2.2	delay	2.8	0.4
100127G	N. Ruri	SOV	890	6390	7	44	<1	10	160	310	110	18.0	4.5	delay	1.8	delay	2.7	0.5
100152G	S. Ruri	SOV	30	68	<5	5	<1	<1	3	3	<5	0.7	1.6	delay	1.3	<1	0.8	0.5
100303G	Sokio	FCB	4940	1835	400	47	15	31	519	557	141	15.2	4.7	delay	2.0	delay	1.4	0.5
100324G	Sokio	SOV	680	7080	220	53	22	7	273	451	155	17.2	5.8	delay	2.1	delay	2.6	0.6
100389G	Ngour	SOV	1970	2380	225	77	2	46	547	894	283	39.9	11.6	delay	3.1	delay	2.6	0.5
100490G	Homa Mtn	FCB	8630	3710	2200	170	<1	47	880	1804	677	88.4	24.5	delay	6.3	delay	5.2	1.2
100827G	Ndiru H.	ALV	3180	1705	550	180	5	290	470	810	430	71.0	19.0	200	9.3	7	8.9	1.6
100832G	Ndiru H.	FCB	3400	331	240	67	<2	290	1200	1700	330	67.0	11.0	<50	4.8	<1	0.7	0.3
100838G	Ndiru H.	SOV	1180	4690	65	81	<2	56	280	570	130	37.0	12.0	<50	1.2	3	5.7	1.1
100846G	Ndiru H.	FCB	18340	764	310	185	26	410	3200	4800	1100	170.0	35.0	680	11.0	10	1.1	<0.1
100850G	Ndiru H.	SOV	610	4050	450	87	19	130	250	550	130	31.0	10.0	<50	3.3	2	5.5	0.7
100853G	Ndiru H.	ALV	9340	1990	105	300	<1	130	1000	2000	640	140.0	39.0	<50	9.3	<1	9.7	1.7
101047G	Legetet	C8TF	2550	3090	520	210	<1	72	777	1244	406	56.6	18.1	delay	6.7	delay	10.3	1.5
RO-2	Rangwa	ALV	3400	2550	170	91	1	10	470	1200	590	79.0	20.0	delay	6.3	29	4.9	0.8

APPENDIX-10 K-Ar AGE DETERMINATION

Sample Number	99712G	99743G	RP-79	RT-38	WR-136
Area	Sagarume	Legetet H.	Regional Survey	Regional Survey	Regional Survey
Rock type	ijolite	nephelin.	nephelin.	nephelin.	ijolite
Material Analyzed	All the samples analyzed are "whole rock"				
Isotopic Age (MA)	25.8±1.3	10.7±0.6	4.5±0.5	14.4±0.8	16.2±0.8
⁴⁰ Ar (sec/gm X 10 ⁻⁵)	0.323 0.316 0.307	0.055 0.058	0.016 0.016	0.103 0.102	0.208 0.203
% ⁴⁰ Ar	81.8 54.7 76.0	36.1 54.8	20.5 23.2	35.0 64.9	75.8 61.9
% K	3.11 3.13	1.36 1.36	0.91 0.90	1.81 1.84	3.24 3.27

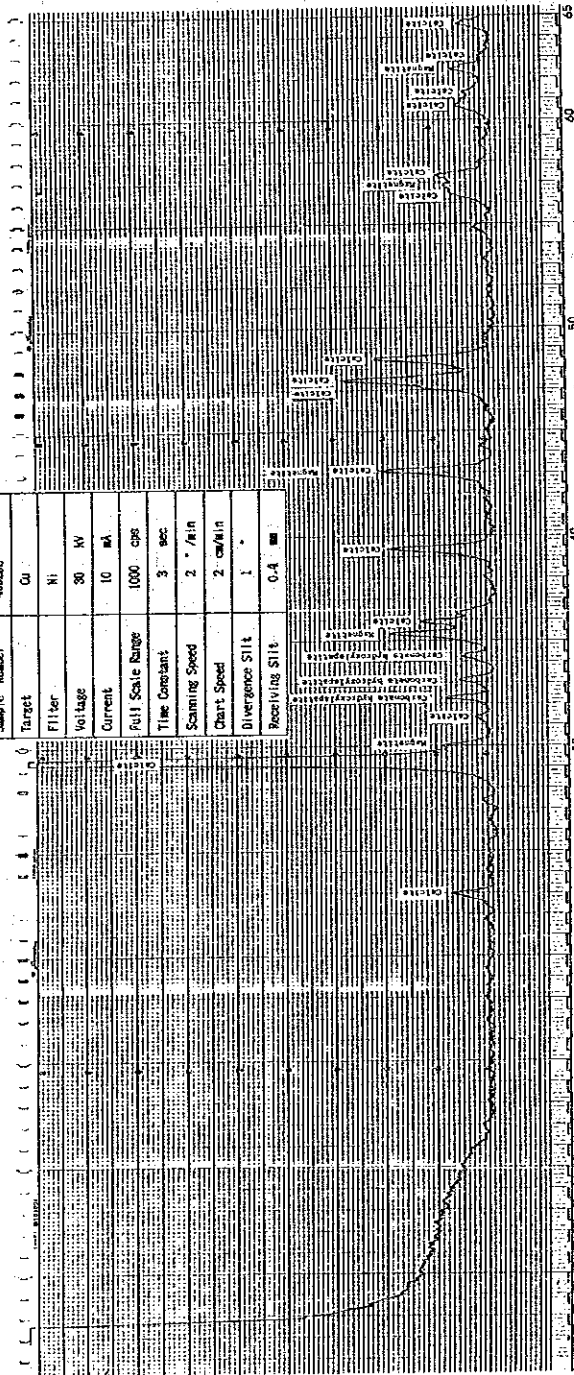
APPENDIX-11 SUMMARY OF X-RAY DIFFRACTION (POWDER)

Sample Number	Area	Rock Type	Quartz	K-spar	Epi-dote	Calc-ite	Dolo-mite	Anhyd-rite	Barite	Fluo-rite	Bastn-aesite	Carb.H Apat*1	Spinel	Magne-tite	Magne-tite	Hema-tite	Goeth-ite	Other tests/ Remarks
40929E	Rangwa	CBBR				⊙						△	△	△				Thin section, Assay.
100111G	South Ruri	FCB				⊙						△		△				Thin section, Assay.
100152G	South Ruri	SOV	○		△	⊙												Thin section, Assay.
100320G	Sokio	FCB				⊙						△						Thin section, Polished section, Assay
100323G	Sokio	FEN		⊙		⊙												Thin Section, Assay
100053G	Kuge	FCB				△			△	△				△				Thin section, Polished section, Assay
100097G	Buru Hill	ORE												△				Polished section, Assay
100846G	Ndiru Hill	FCB				⊙			△									Thin section, Polished section, Assay.
101055G	Buru Hill	ORE	○						△	△								Polished section, Assay.
101079G	Buru Hill	ORE								○	△							Thin section, Polished section, Assay.
RN-401	Buru Hill	black min.					△	?		△								Polished section/ A veinlet of black Mn-ore-like mineral tested

*1 Carb. H. Apat = Carbonate-hydroxylapatite. ⊙ = abundant. ○ = moderate. △ = scarce. ? = uncertain.

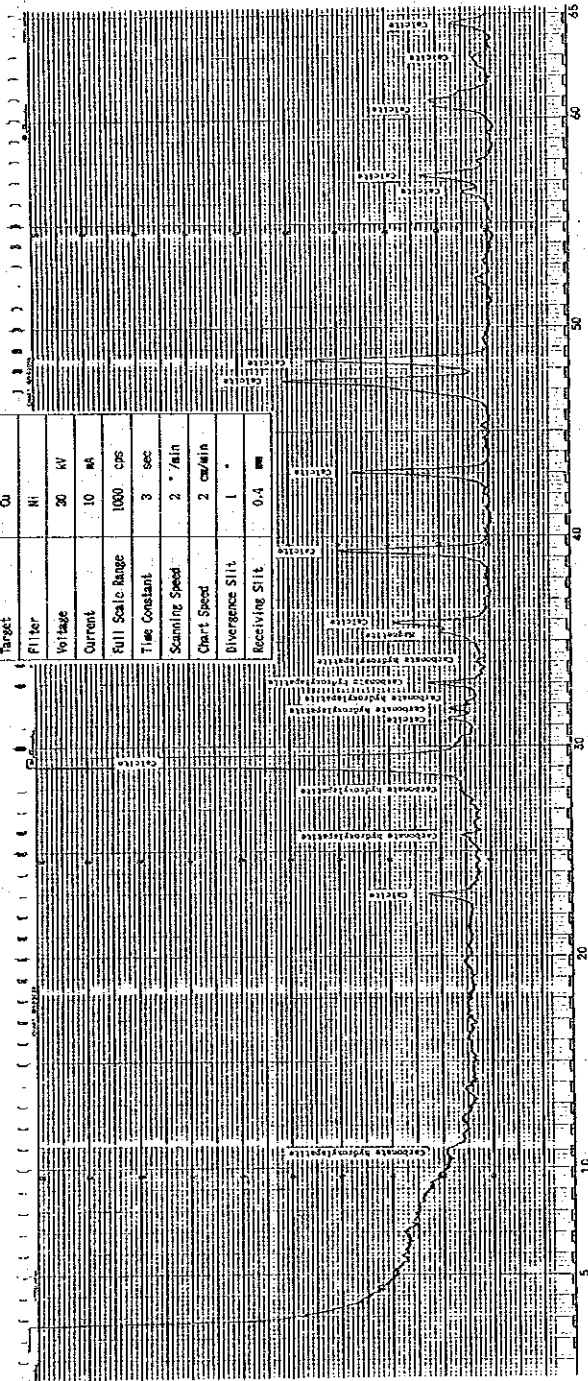
X-RAY DIFFRACTOMETER

Sample Number	439286
Target	Cu
Filter	Ni
Voltage	30 KV
Current	10 mA
Full Scale Range	1000 cps
Time Constant	3 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergence Slit	1 °
Receiving Slit	0.4 mm



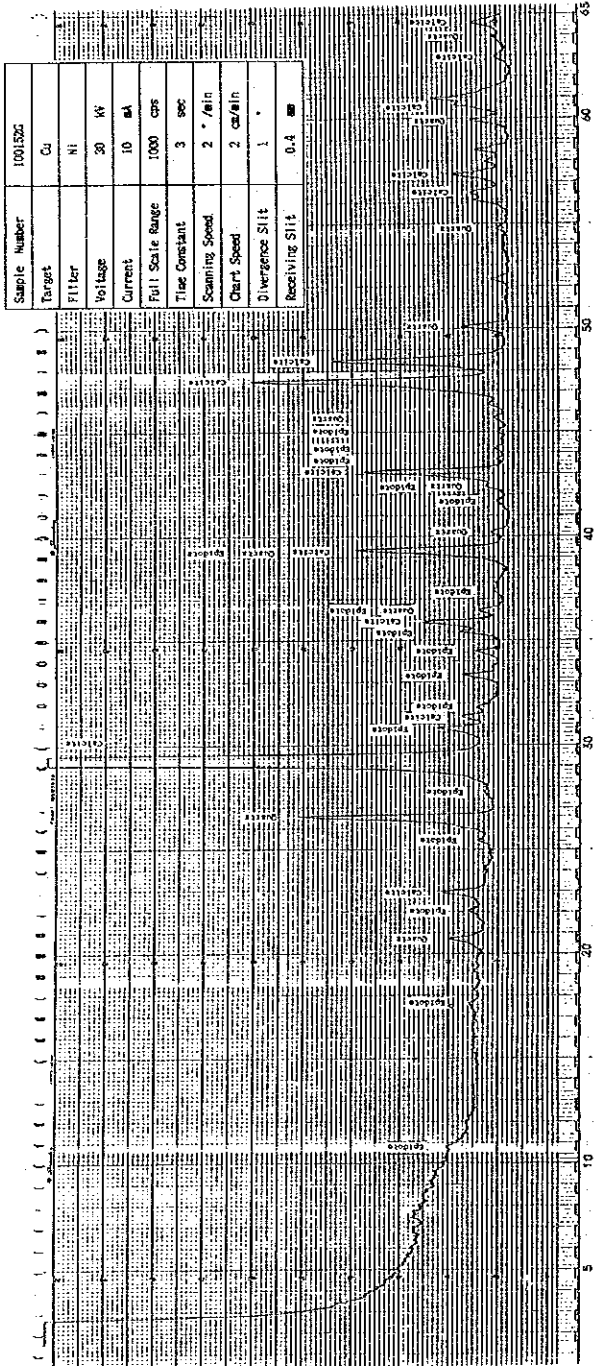
X-RAY DIFFRACTOMETER

Sample Number	100110
Target	Cu
Filter	Ni
Voltage	30 KV
Current	10 mA
Full Scale Range	1000 cps
Time Constant	3 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergence Slit	1 °
Receiving Slit	0.4 mm

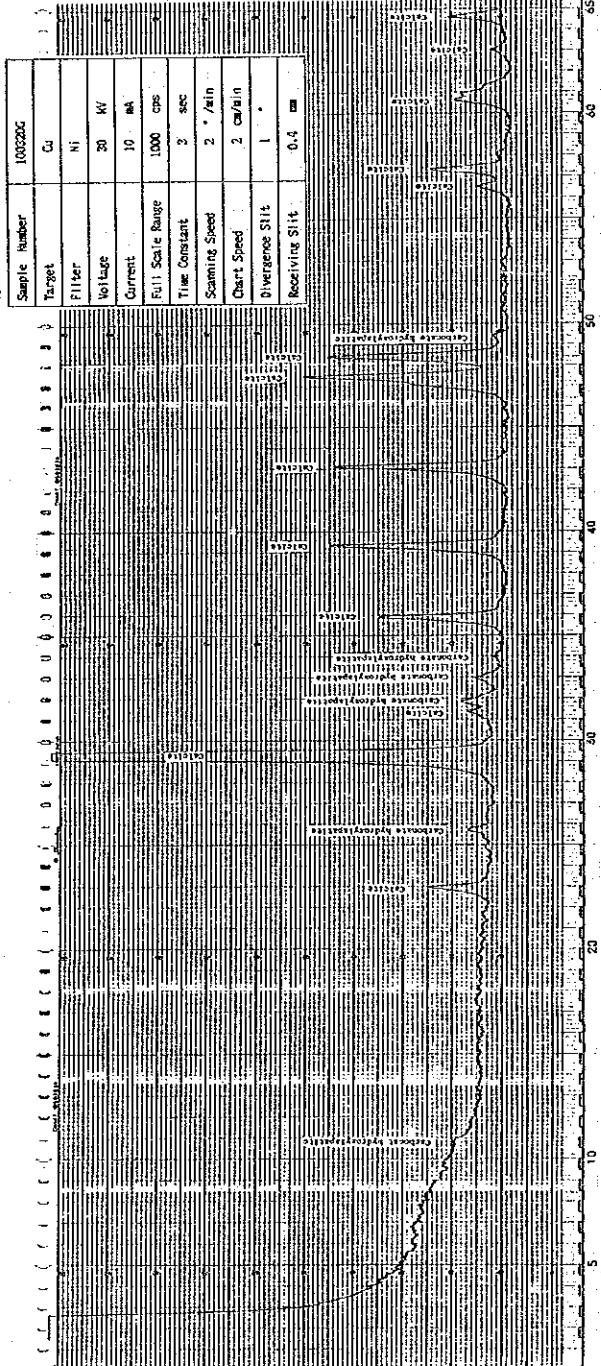


APPENDIX-12. X-ray Diffraction Charts

X-RAY DIFFRACTOMETER

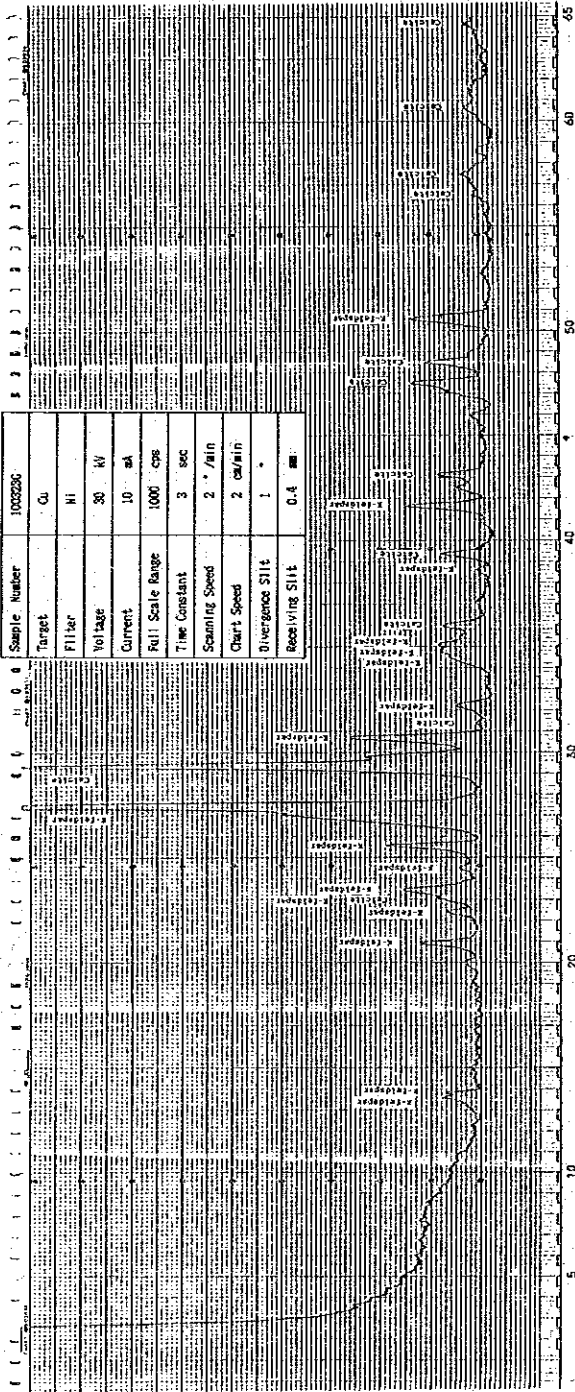


X-RAY DIFFRACTOMETER

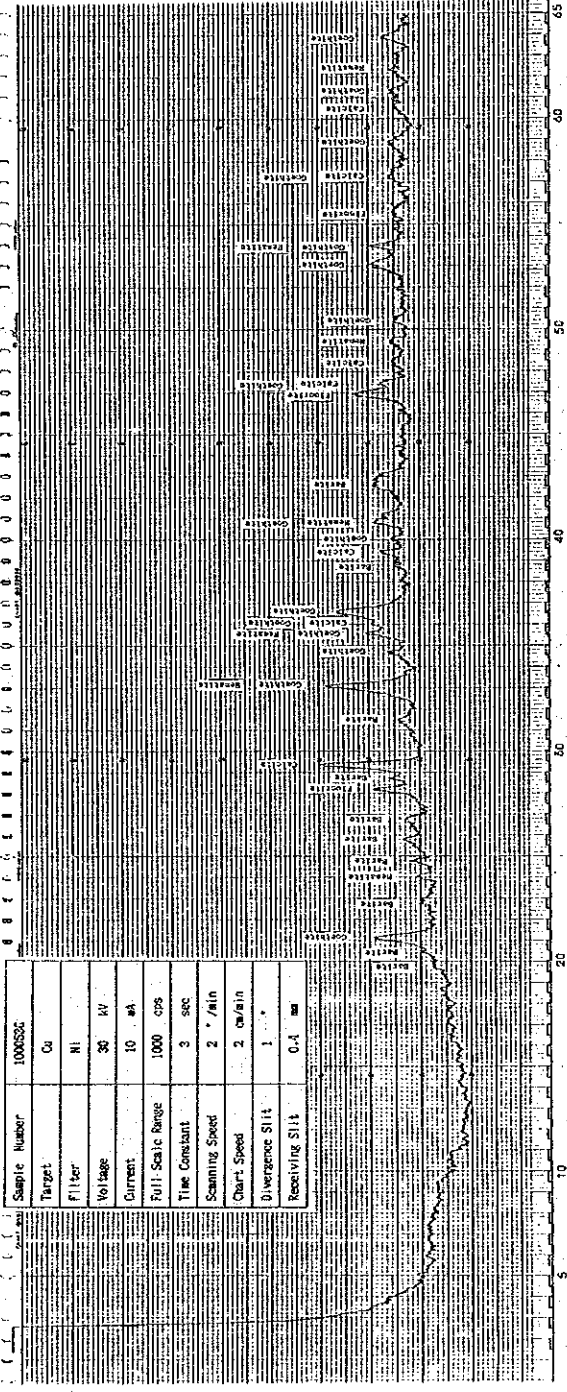


APPENDIX X-12. X-ray Diffraction Charts

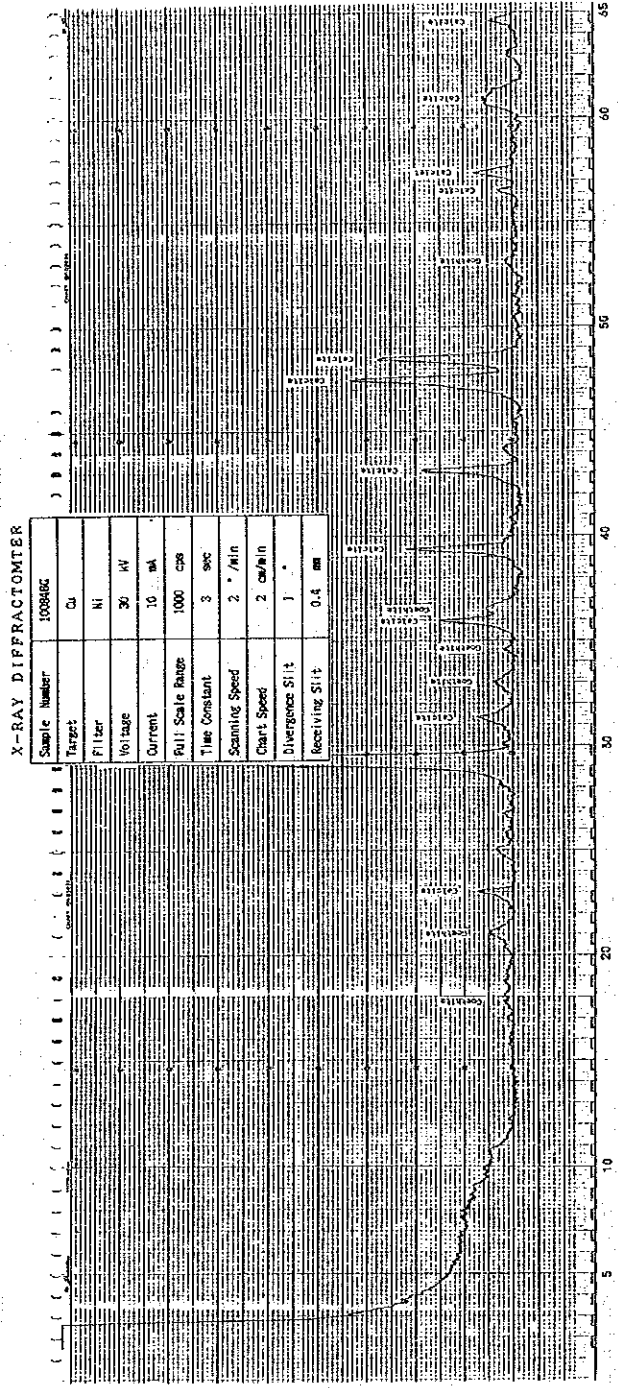
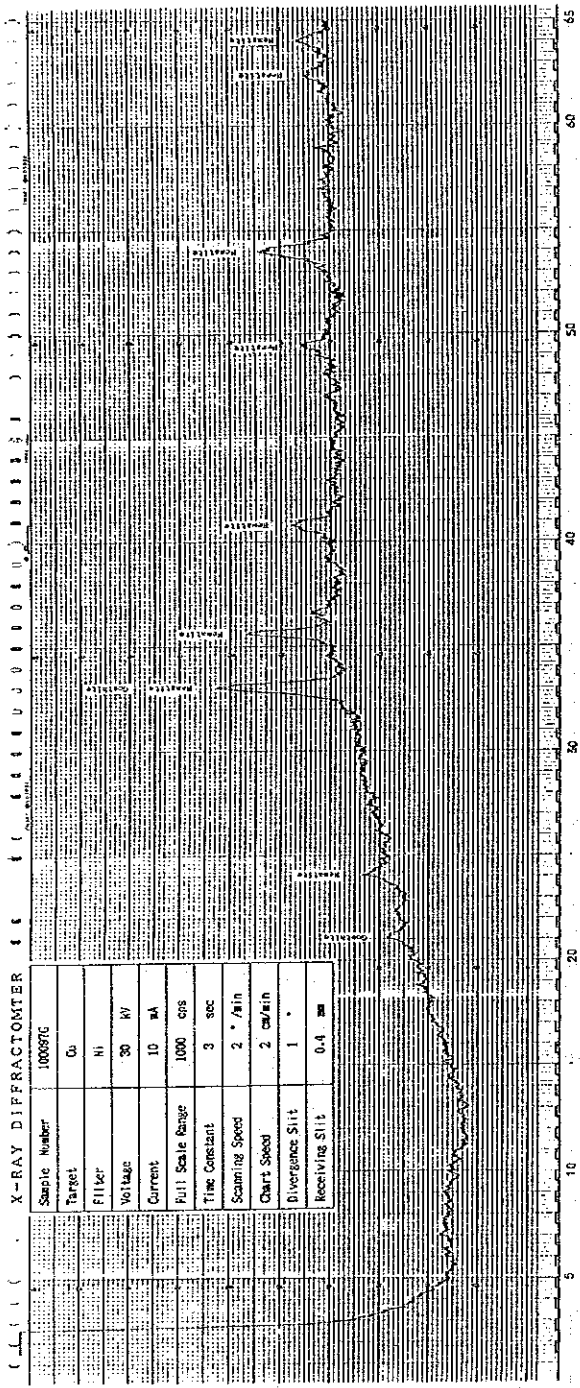
X-RAY DIFFRACTOMETER



X-RAY DIFFRACTOMETER



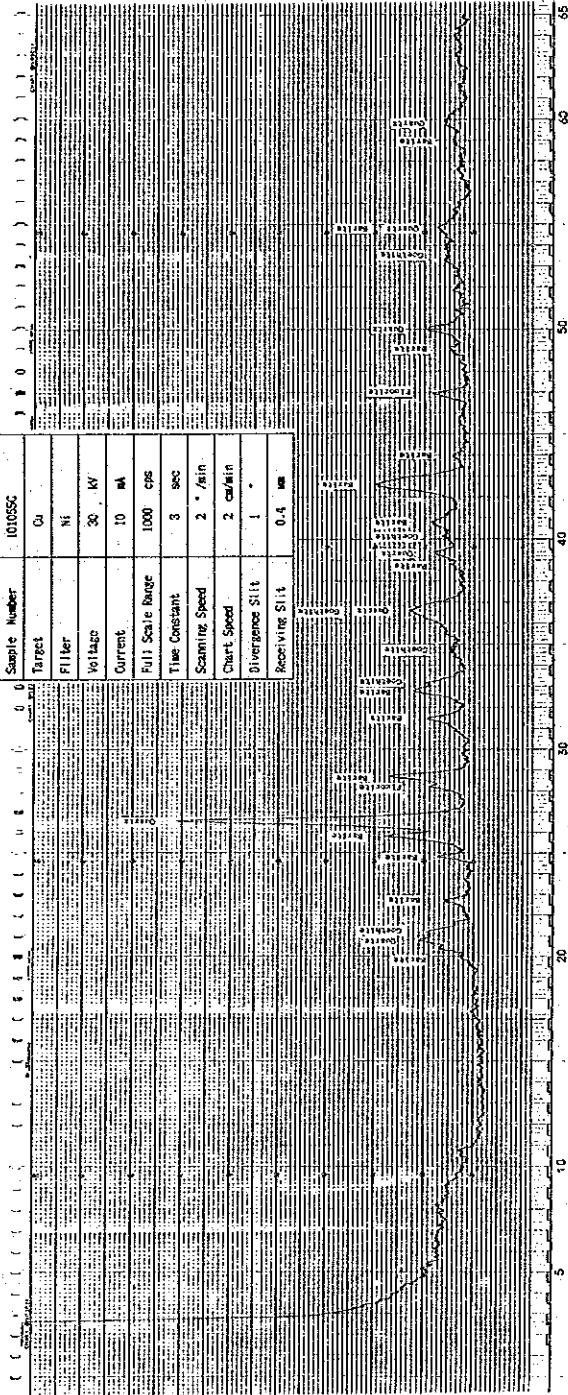
APPENDIX-12. X-ray Diffraction Charts



APPENDIX-12. X-ray Diffraction Charts

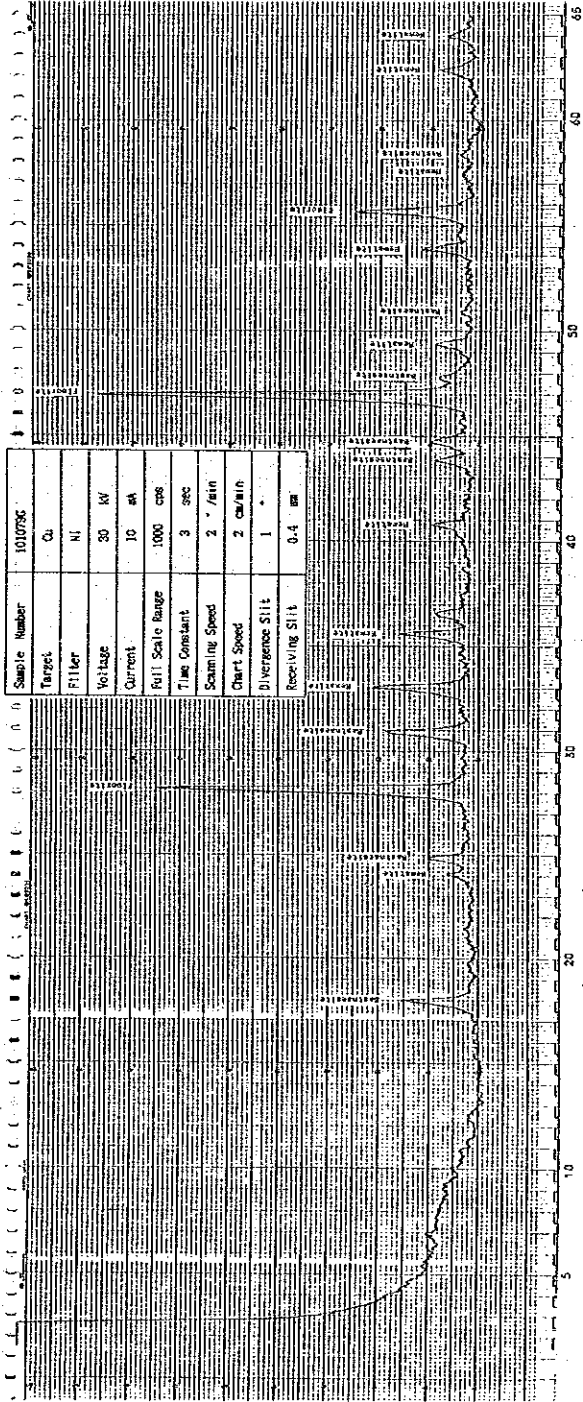
X-RAY DIFFRACTOMETER

Sample Number	101055C
Target	Cu
Filter	Ni
Voltage	30 KV
Current	10 mA
Full Scale Range	1000 cps
Time Constant	3 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergence Slit	1 °
Receiving Slit	0.4 mm



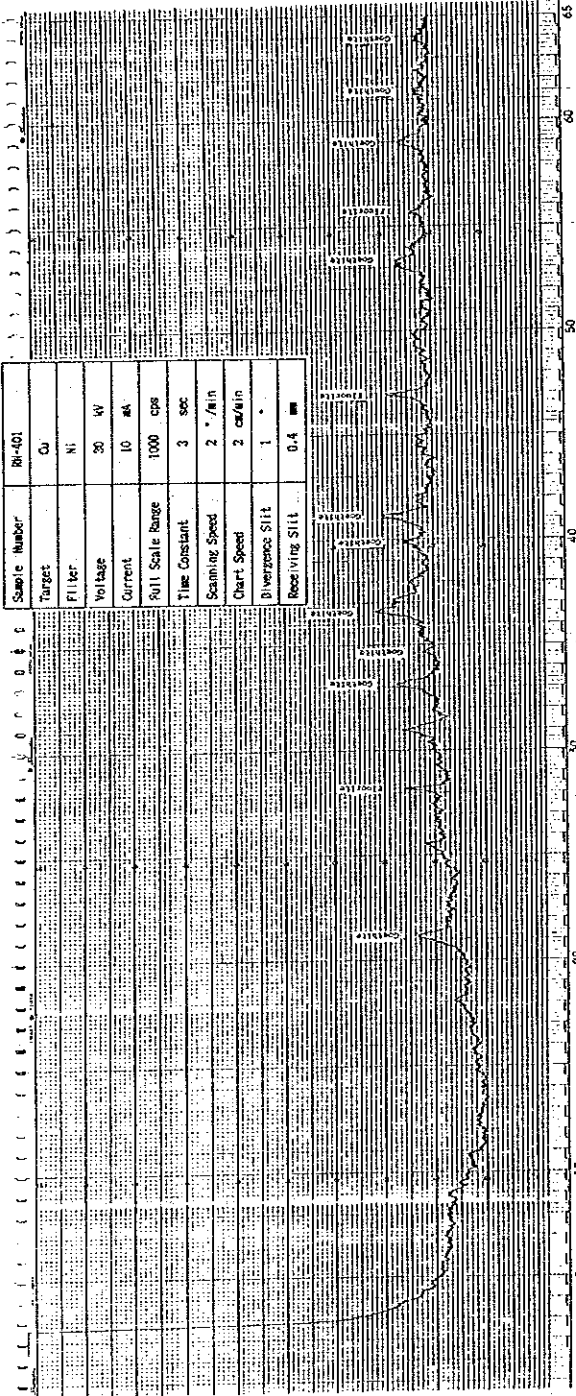
X-RAY DIFFRACTOMETER

Sample Number	101056C
Target	Cu
Filter	Ni
Voltage	30 KV
Current	10 mA
Full Scale Range	1000 cps
Time Constant	3 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergence Slit	1 °
Receiving Slit	0.4 mm



APPENDIX X-12. X-ray Diffraction Charts

X-RAY DIFFRACTOMETER



APPENDIX-12. X-ray Diffraction Charts

APPENDIX-13. Results of Geochemical Analysis

Geochemical Sample List of Semi-detailed Survey Areas

(Serial Number)

Area	Type Of Sample		Soil Sample	Total Number of Samples
	Rock Sample			
	General	Grid		
Rangwa	1 ~ 211		{ 1224 ~ 1230	238
South Ruri			{ 1247 ~ 1267	
and	212 ~ 469		{ 1231 ~ 1246	277
North Ruri			{ 1268 ~ 1270	
Homa Mountain	560 ~ 1045	470 ~ 559	1400 ~ 1404	581
Buru Hill	1441 ~ 1452	1046 ~ 1094		61
Sagarume- Nyamgurka	1095 ~ 1170			76
Legetet Hill	{ 1171 ~ 1210			116
	{ 1422 ~ 1440			
	{ 1453 ~ 1509			
Kuge-Lwala	{ 1211 ~ 1224			51
	{ 1271 ~ 1307			
Ugongo-Uyi-	{ 1405 ~ 1421			94
Kiyanya-Sokolo	{ 1308 ~ 1384			
Ngou-Kuwor	1385 ~ 1399			15

Abbreviations for Rock Type of Geochemical Sample.

AGGL : Agglomerate	GNS : Gniess	PEG : Pegmatite
ALV : Alvikite	GR : Granite	PHN : Phonolite
ALVB : Alvikite breccia	GRD : Granodiorite	PXT : Pyroxenite
CAVN : Calcite vein	IJ : Ijolite	QP : Quartz porphyry
CB : Carbonatite	LMVN : Limestone vein	QZVN : Quartz vein
CBB : Carbonatitic breccia	LPTF : Lapilli tuff	SBRC : Siliceous breccia
CBLPT : Carbonatitic lapilli tuff	MRHY : Metarhyolite	SOIL : Soil
CBTF : Carbonatitic tuff	MTAD : Metaandesite	SOV : Sövite
CGL : Conglomerate	MTBT : Metabasalt	SOVB : Sövite breccia
CH : Chert	MTDI : Metadolerite	SS : Sandstone
CLT : Calcareous tuff	MTVB : Metavolcanic breccia	SYN : Syenite
FCB : Ferrocarnatite	MTVL : Metavolcanic rocks	TF : Tuff
FCBB : Ferrocarnatite breccia	NEP : Nephelinite	TFBR : Tuff breccia
FEN : Fenite	ORE : Ore	VLBR : Volcanic breccia

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE		LONGITUDE	LATITUDE	TYPE	ASSAY RESULTS													
		%BA	PPMSR				PPMNB	PPMY	PPMI	PPMTH	PPMA	PPMCE	PPMND	PPMSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMYB	PPMLU
1	40901E	629.716	9939.838	TFBR	0.352	3400	570	185	37	2	3.0	69	71	25	6.2	1.5	<50	1.4	1.1	0.4
2	40902E	629.633	9939.736	LPTF	0.546	2000	270	375	53	1	6.0	95	100	39	11.0	2.9	100	1.4	1.6	0.5
3	40903E	629.664	9939.676	LPTF	1.290	2500	800	330	79	9	6.0	130	120	38	11.0	3.0	100	2.6	1	1.2
4	40904E	629.680	9939.502	TF	1.150	1700	370	175	95	10	3.0	110	98	63	9.3	2.4	<50	1.2	<1	1.7
5	40905E	629.704	9939.452	TF	0.398	1500	360	185	30	3	2.0	62	54	9	4.5	1.4	<50	2.3	2	0.6
6	40906E	629.701	9939.369	LPTF	0.707	2700	570	320	110	9	3.0	62	51	10	3.7	1.3	<50	3.3	2	0.8
7	40907E	629.708	9939.261	LPTF	0.448	2000	320	275	57	4	2.0	61	52	10	4.5	1.4	<50	1.7	3	0.7
8	40908E	629.707	9939.204	LPTF	0.960	3400	570	155	83	6	5.0	50	41	<5	3.0	1.0	50	1.1	<1	1.1
9	40909E	629.678	9939.099	LPTF	0.347	2400	390	255	77	5	9.0	98	74	13	16.0	6.3	100	2.5	2	1.3
10	40910E	629.721	9938.947	LPTF	0.141	2000	130	280	78	5	1.0	38	45	<10	3.2	1.0	<50	1.3	<1	1.1
11	40911E	629.770	9938.871	LPTF	0.455	1200	300	275	84	4	3.0	96	73	<10	6.4	2.2	<50	3.6	<1	0.7
12	40912E	629.839	9938.837	LPTF	0.041	2200	196	270	79	2	9.0	130	140	47	12.0	3.1	50	0.9	<1	0.8
13	40913E	629.888	9938.881	LPTF	0.656	3800	430	165	115	<1	14.0	83	63	39	25.0	7.7	100	3.8	2	0.7
14	40914E	629.938	9938.912	TF	0.175	1800	210	195	65	2	1.0	34	27	<5	2.5	0.7	<50	0.8	2	0.3
15	40915E	630.003	9938.973	TF	0.045	1880	300	150	39	<1	2.0	55	42	<5	2.8	0.7	<50	0.3	<1	0.6
16	40916E	630.046	9939.034	TF	1.240	2240	300	220	66	1	3.0	53	52	23	3.5	1.9	<50	1.4	<1	0.4
17	40917E	630.049	9939.115	LPTF	0.454	1640	124	260	96	2	4.0	86	150	57	8.5	2.9	<50	0.9	2	0.6
18	40918E	630.115	9939.321	LPTF	0.406	2520	140	310	75	2	1.0	46	51	12	2.6	1.5	<50	0.8	<1	0.3
19	40919E	630.008	9939.105	LPTF	0.280	1700	370	300	51	1	4.0	90	110	50	7.5	3.3	<50	1.6	<1	0.3
20	40920E	630.257	9939.466	LPTF	0.266	1560	450	190	53	2	4.0	59	88	36	6.0	2.5	<50	0.7	2	0.2
21	40921E	627.058	9936.305	LPTF	0.400	1300	200	375	44	5	4.0	96	140	66	7.3	3.3	<50	1.8	5	0.3
22	40922E	627.133	9936.197	LPTF	0.581	1060	400	490	78	<1	5.0	81	120	36	7.4	3.1	<50	1.3	4	0.8
23	40923E	627.227	9936.029	TF	0.903	2200	330	400	70	1	5.0	100	110	49	5.9	2.7	<50	1.0	2	0.4
24	40924E	627.323	9935.975	LPTF	0.257	1560	1100	215	36	7	2.0	64	76	11	3.8	2.2	<50	1.1	1	0.2
25	40925E	627.553	9935.932	LPTF	0.766	1760	240	235	75	<1	2.0	38	47	23	4.1	2.5	<50	1.0	1	0.3
26	40926E	627.690	9935.855	TF	0.090	1720	210	290	45	5	4.0	64	82	16	3.9	1.9	<50	1.0	2	0.3
27	40927E	627.927	9935.821	TFBR	0.297	4000	1650	160	55	2	1.0	47	54	15	3.9	2.3	<50	1.1	1	0.4
28	40928E	628.112	9935.783	TF	0.337	2600	1450	225	48	<1	2.0	65	72	46	3.9	2.0	<50	0.4	<1	0.2
29	40929E	628.237	9935.635	C8B	0.053	300	580	63	<5	3	11.0	69	140	62	8.6	2.8	<50	0.5	<1	<0.1
30	40930E	628.271	9935.609	C8B	0.506	600	960	285	36	2	29.0	280	490	190	28.0	8.4	<50	2.6	<1	0.3
31	40931E	628.311	9935.533	NEP	0.017	200	1500	125	<5	4	19.0	140	270	110	18.0	5.3	<50	2.4	1	<0.1
32	40932E	628.377	9935.491	C8B	0.028	220	910	125	<5	3	20.0	140	280	130	19.0	4.7	<50	0.9	1	0.3
33	40933E	628.377	9935.244	IJ	0.249	280	920	180	30	6	<1.0	50	46	20	3.5	1.7	<50	1.2	1	0.3
34	40934E	628.007	9938.758	TFBR	0.354	7500	1000	650	84	6	55.0	400	510	140	17.0	4.9	<50	1.2	1	0.5
35	40935E	628.224	9938.726	TFBR	0.183	8000	1700	110	58	2	41.0	380	510	120	14.0	3.2	<50	1.4	2	0.4
36	40936E	628.286	9938.831	LPTF	0.300	5500	480	345	61	6	30.0	290	380	120	13.0	3.6	<50	0.9	<1	0.4
37	40937E	628.299	9938.936	LPTF	0.549	5000	1450	230	66	6	47.0	280	410	100	13.0	4.0	<50	1.3	1	0.3
38	40938E	628.340	9939.008	ALVB	1.160	17000	1150	400	130	14	74.0	550	790	270	37.0	11.0	<50	3.4	6	0.6
39	40939E	628.365	9939.037	ALVB	0.766	13400	1400	660	155	12	45.0	330	510	210	29.0	9.1	<50	3.1	<6	0.5
40	40940E	628.413	9939.029	ALVB	1.270	8500	2300	75	68	16	180.0	910	1600	670	100.0	28.0	100	9.8	4	0.6
41	40941E	628.469	9939.036	ALV	0.314	3200	1250	180	70	1	38.0	790	1900	1100	140.0	37.0	50	7.0	4	0.6
42	40942E	628.529	9939.051	ALVB	1.015	4000	1400	420	90	29	20.0	120	160	58	14.0	5.9	<50	2.5	2	0.6
43	40943E	628.643	9938.946	ALVB	0.315	11800	1350	235	70	<1	9.0	63	59	31	6.7	2.4	<50	2.8	<1	0.6
44	40944E	628.781	9938.946	ALVB	0.799	4000	1400	425	90	6	18.0	70	69	53	13.0	5.1	<50	2.8	<1	0.7
45	40945E	628.817	9938.903	ALV	0.407	3400	2900	250	47	4	27.0	350	670	260	37.0	9.6	<50	2.5	3	0.5
46	40946E	628.819	9938.809	ALV	0.199	3800	1300	320	51	4	37.0	360	590	270	31.0	6.5	<50	1.0	<1	0.4
47	40947E	628.932	9938.730	ALV	0.304	3400	1300	375	73	2	19.0	91	120	110	28.0	11.0	<50	4.6	<1	0.3
48	40948E	629.007	9938.676	ALV	1.360	3400	2850	1470	54	48	270.0	320	730	430	2.0	14.0	<50	5.1	<1	0.4
49	40949E	629.052	9938.621	ALVBR	0.194	2000	1000	240	38	8	29.0	300	590	300	32.0	8.0	<50	3.4	<1	0.4
50	40950E	629.125	9938.572	TF	0.206	1600	230	335	97	6	16.0	120	150	110	19.0	6.9	<50	3.9	<1	0.7

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE		LONGITUDE	TYPE	ASSAY RESULTS																							
		LATITUDE	LONGITUDE			%BA	PPMSR	PPMNB	PPMY	PPMU	PPMTH	PPMA	PPMCE	PPMND	PPMSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMYB	PPMU	PPM							
51	40951E	629.242	9938.490TF	80	960	0.103	3200	150	150	31	41	1.0	49	48	15	25	2	10.0	310	290	86	14	3.2	1.1	<50	1.5	<1	2.4	0.5
52	40952E	629.225	9938.388TF	100	1200	0.153	3600	120	120	37	33	16.0	50	45	35	170	4	10.0	310	290	86	14	7.7	2.1	<50	1.5	<1	2.5	0.5
53	40953E	628.569	9940.173ALV	1000	1400	0.278	4200	170	170	46	<1	4.0	57	51	285	8	2.0	43	43	46	58	5.6	1.8	<50	1.6	<1	1.6	0.4	
54	40954E	628.612	9940.130ALV	1500	1600	0.250	3600	175	175	43	<1	2.0	63	58	285	8	2.0	43	43	46	27	5.6	1.8	<50	1.6	<1	1.8	0.4	
55	40955E	628.658	9940.059ALV	780	1000	0.399	1000	340	340	47	<1	4.0	50	48	155	49	4.0	50	50	68	34	4.8	1.7	<50	1.5	<1	1.8	0.3	
56	40956E	628.733	9939.974ALV	220	1100	0.390	1800	340	340	47	<1	4.0	120	120	155	36	5.0	82	82	190	81	12.0	3.2	<50	2.0	<1	1.6	0.5	
57	40957E	628.818	9939.909ALV	650	1800	0.185	3600	240	240	50	4	8.0	100	120	240	50	4	8.0	100	120	70	8.6	3.2	<50	1.8	<1	2.8	0.5	
58	40958E	628.865	9939.830TF	350	2050	0.569	2050	240	240	50	4	4.0	82	94	240	64	4	4.0	82	82	94	30	6.2	2.1	<50	1.9	<1	1.8	0.3
59	40959E	628.932	9939.847ALV	350	1040	1.170	1040	355	355	62	13	7.0	55	51	355	62	7.0	55	51	16	16	3.2	1.9	<50	1.5	<1	3.2	0.5	
60	40960E	629.008	9939.781ALV	410	3800	0.793	3800	470	470	62	17	7.0	82	89	470	62	7.0	82	89	29	29	5.2	2.5	<50	1.4	<1	3.6	0.7	
61	40961E	629.052	9939.654ALV	310	1700	0.839	1700	340	340	91	16	4.0	94	120	340	91	16	4.0	94	120	58	10.0	3.7	<50	1.8	<1	5.0	1.2	
62	40962E	629.126	9939.540ALV	720	5200	0.974	5200	150	150	31	<1	1.0	49	40	150	31	<1	1.0	49	40	5	2.1	1.2	<50	1.0	<1	0.7	0.2	
63	40963E	629.159	9939.434ALV	1600	18000	0.312	18000	150	150	25	4	1.0	49	48	150	25	4	1.0	49	48	16	3.2	1.7	<50	1.0	<1	1.4	0.4	
64	40964E	629.183	9939.357ALV	850	2300	1.670	2300	355	355	170	2	10.0	310	290	355	170	2	10.0	310	290	86	14.0	4.1	<50	1.6	<1	1.8	0.4	
65	40965E	629.279	9939.246TF	600	3600	0.454	3600	600	600	60	39	16.0	50	45	600	60	16.0	50	45	24	24	1.6	1.8	<50	1.6	<1	13.0	2.0	
66	40966E	629.274	9939.176ALV	900	5500	0.194	5500	145	145	47	<1	2.0	57	60	145	47	<1	2.0	57	60	24	3.9	1.6	<50	1.3	<1	1.8	0.4	
67	40967E	629.309	9939.105ALV	470	2720	0.362	2720	470	470	46	<1	1.0	50	46	470	46	<1	1.0	50	46	13	2.9	1.6	<50	1.0	<1	1.4	0.4	
68	40968E	629.439	9938.995ALV	370	2800	0.252	2800	370	370	44	<1	2.0	62	56	370	44	<1	2.0	62	56	21	3.5	1.6	<50	1.1	<1	1.4	0.4	
69	40969E	629.470	9938.910ALV	1000	1300	0.318	1300	1000	1000	33	<1	2.0	65	62	1000	33	<1	2.0	65	62	21	3.5	1.6	<50	1.1	<1	1.3	0.4	
70	40970E	629.499	9938.843ALV	550	2400	0.426	2400	550	550	45	<1	2.0	65	67	550	45	<1	2.0	65	67	14	5.9	2.2	<50	1.2	<1	1.3	0.4	
71	40971E	629.524	9938.783ALV	650	1200	0.654	1200	650	650	48	3	3.0	64	65	650	48	3	3.0	64	65	14	5.9	2.2	<50	1.2	<1	1.8	0.5	
72	40972E	630.318	9937.617ALV	600	2400	0.492	2400	600	600	59	2	2.0	62	60	600	59	2	2.0	62	60	15	3.6	1.5	<50	1.2	<1	2.0	0.4	
73	40973E	630.219	9937.647ALV	320	2520	0.105	2520	320	320	14	<1	<1.0	12	10	320	14	<1	<1.0	12	10	<5	0.6	0.6	<50	0.6	<1	0.1	0.3	
74	40974E	630.116	9937.715ALV	500	3200	0.139	3200	500	500	17	4	5.0	80	98	500	17	4	5.0	80	98	26	6.7	2.3	<50	1.1	<1	1.5	0.3	
75	40975E	630.081	9937.756ALV	640	3500	1.270	3500	640	640	96	6	6.0	100	130	640	96	6	6.0	100	130	8	5.1	2.4	<50	2.2	<1	4.2	0.8	
76	40976E	630.055	9937.813TF	200	2200	0.415	2200	200	200	79	3	5.0	100	100	200	79	3	5.0	100	100	14	7.7	3.2	<50	2.2	<1	1.7	0.3	
77	40977E	629.999	9937.842ALV	330	3400	0.614	3400	330	330	51	5	2.0	62	60	330	51	5	2.0	62	60	6	3.7	2.2	<50	0.5	<1	1.1	0.1	
78	40978E	630.013	9937.906ALV	770	2720	0.128	2720	770	770	185	1	4.0	86	48	770	185	1	4.0	86	48	12	6.0	2.5	<50	0.5	<1	0.8	0.2	
79	40979E	629.927	9937.962ALV	670	2800	0.271	2800	670	670	190	2	28.0	57	60	670	190	2	28.0	57	60	9	6.2	2.3	<50	1.2	<1	1.2	0.2	
80	40980E	629.927	9938.013ALV	1150	2800	1.470	2800	1150	1150	125	3	28.0	57	60	1150	125	3	28.0	57	60	<5	5.1	2.3	<50	2.0	<1	2.6	0.4	
81	40981E	629.896	9938.088ALV	340	2500	0.402	2500	340	340	155	1	<1.0	52	48	340	155	1	<1.0	52	48	<5	2.5	0.9	<50	<0.1	<1	1.7	0.2	
82	40982E	629.761	9938.141ALV	240	2200	0.673	2200	240	240	83	2	2.0	64	60	240	83	2	2.0	64	60	5	3.3	0.9	<50	<0.1	<1	2.0	0.3	
83	40983E	629.738	9938.108ALV	430	3600	0.252	3600	430	430	61	1	<3.0	52	53	430	61	1	<3.0	52	53	<5	2.7	1.0	<50	1.0	<1	2.0	0.2	
84	40984E	629.704	9938.203ALV	530	3040	0.156	3040	530	530	145	<1	1.0	56	60	530	145	<1	1.0	56	60	<5	3.9	0.7	<50	<0.1	<1	1.6	0.2	
85	40985E	629.649	9938.530ALV	350	2900	0.698	2900	350	350	290	55	3.0	88	57	350	290	55	3.0	88	57	5	4.8	1.8	<50	<0.1	<1	1.6	0.2	
86	40986E	629.702	9938.237ALV	1180	2300	0.580	2300	1180	1180	41	<1	2.0	65	59	1180	41	<1	2.0	65	59	<5	3.2	0.7	<50	1.2	<1	1.4	0.2	
87	40987E	627.234	9936.544TF	1400	2000	0.348	2000	1400	1400	215	3	2.0	56	60	1400	215	3	2.0	56	60	<5	4.1	1.0	<50	1.6	<1	1.0	0.2	
88	40988E	627.206	9936.530ALV	700	1800	0.233	1800	700	700	39	<1	4.0	53	91	700	39	<1	4.0	53	91	<30	4.4	1.3	<50	1.3	<1	0.8	0.2	
89	40989E	627.313	9936.523ALV	1040	1040	0.210	1040	1040	1040	45	1	5.0	69	92	1040	45	1	5.0	69	92	22	4.3	0.9	<50	1.0	<1	1.0	0.2	
90	40990E	627.416	9936.437ALV	1680	1680	0.207	1680	1680	1680	49	1	2.0	63	94	1680	49	1	2.0	63	94	67	3.8	0.6	<50	1.1	<1	1.1	0.2	
91	40991E	627.524	9936.442ALV	1560	1560	0.093	1560	1560	1560	44	2	2.0	57	69	1560	44	2	2.0	57	69	15	2.9	1.7	<100	1.2	<1	1.1	0.2	
92	40992E	627.609	9936.428ALV	1450	1450	0.077	1450	1450	1450	51	2	1.0	57	69	1450	51	2	1.0	57	69	15	2.9	1.7	<200	1.2	<1	1.6	0.3	
93	40993E	627.657	9936.402ALV	1560	1560	0.224	1560	1560	1560	44	1	2.0	73	77	1560	44	1	2.0	73	77	25	4.2	0.7	<50	1.0	<1	1.1	0.1	
94	40994E	627.698	9936.379ALV	1400	2080	0.165	2080	1400	1400	51	<1	2.0	70	73	1400	51	<1	2.0	70	73	<20	4.1	0.8	<50	0.5	<1	1.1	0.1	
95	40995E	627.726	9936.403ALV	1450	2360	0.071	2360	1450	1450	51	3	1.0	73	88	1450	51	3	1.0	73	88	24	4.2	1.1	<50	0.5	<1	1.2	0.1	
96	40996E	627.914	9936.369ALV	1900	2120	0.059	2120	1900	1900	45	2	<1.0	58	52	1900	45	2	<1.0	58	52	20	3.1	0.7	<50	0.9	<1	1.4	0.1	
97	40997E	628.098	9936.398ALV	1450	2360	0.059	2360	1450	1450	45	2	<1.0	58	52	1450	45	2	<1.0	58	52	20	3.1	0.7	<50	0.9	<1	1.8	0.1	
98	40998E	628.147	9936.475ALV	1350	3200	0.075	3200	1350	1350	44	5	<1.0	47	47	1350	44	5	<1.0	47	47	8	2.2	1.6	<50	1.1	<1	1.6	0.1	

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE		P	ASSAY RESULTS														
		LATITUDE	LONGITUDE		TYPE	%A	PMNSR	PMNSB	PMNY	PMV	PMTH	PMMA	PMME	PMMD	PMMSM	PMMEU	PMMGD	PMMTB	PMMTM
101	RO-01	628.204	9938.009ALV	0.950	3600	840	410	62	19.0	150	270	100	16.0	6.8	<50	2.0	<2	2.4	0.1
102	RO-02	628.299	9937.922ALV	1.020	3400	2550	170	91	10.0	470	1200	590	79.0	20.0	<50	6.3	4	4.9	0.8
103	RO-03	628.337	9937.842ALV	0.041	1280	2800	325	35	2	632	1610	630	80.0	19.0	<50	3.7	4	1.4	0.7
104	RO-04	628.376	9937.809ALV	0.270	19000	3550	150	105	2	1435	2470	630	63.0	17.2	<100	5.4	4	1.7	0.8
105	RO-05	628.430	9937.658ALV	0.215	18000	9750	75	94	<1	1150	1950	510	57.0	14.9	<50	4.5	4	3.8	0.7
106	RO-06	628.421	9937.595NEP	0.055	6000	340	225	63	<1	140	180	55	9.7	1.4	<50	0.1	<1	1.2	0.1
107	RO-07	628.426	9937.531ALV	0.872	3520	2000	375	58	9	340	480	210	29.0	7.0	<100	1.6	<1	2.5	0.4
108	RO-08	628.453	9937.480ALV	0.448	3560	1200	735	57	<1	340	550	230	33.0	6.9	<100	2.2	<1	2.0	0.3
109	RO-09	628.702	9937.414ALV	0.911	4600	2400	130	78	16	280	390	210	29.0	8.4	<100	2.9	2	3.7	0.4
110	RO-10	628.753	9937.370ALV	0.686	1900	460	255	46	4	61	56	<10	5.1	1.4	<50	1.0	<1	2.2	0.3
111	RO-11	628.875	9937.197ALV	0.328	3240	260	260	76	1	72	67	<10	6.9	2.8	<50	1.2	<1	2.6	0.4
112	RO-12	628.909	9937.399ALV	1.005	1760	320	455	82	1	69	74	<10	5.6	3.0	<50	0.9	<2	2.2	0.4
113	RO-13	628.964	9937.781C8B	0.538	2000	640	225	45	2	68	56	10	5.5	2.6	<50	1.0	<2	2.2	0.4
114	RO-14	628.956	9937.970SOV	1.270	720	3750	21	49	7	340	550	280	36.0	9.3	<50	2.5	<2	2.1	0.2
115	RO-15	628.929	9938.052SOV	1.580	1320	3850	105	49	<1	290	610	260	44.0	13.0	<50	3.5	<1	3.0	0.4
116	RO-16	628.933	9938.131ALVB	0.847	3280	3150	340	43	15	310	440	100	22.0	5.6	<50	3.9	1	2.4	0.2
117	RO-17	628.778	9938.371ALV	1.390	1300	890	360	125	26	70	49	67	15.0	6.3	<50	3.1	6	7.4	0.2
118	RO-18	628.683	9938.439ALV	2.76	9500	1650	230	580	4	310	420	210	50.0	24.0	<50	17.0	8	26.0	3.2
119	RO-19	628.488	9938.470ALVB	0.524	15000	6100	115	160	5	1320	1900	530	69.0	18.4	<100	6.3	<4	5.7	1.2
120	RO-20	628.027	9937.994ALV	0.438	680	1700	680	16	3	210	390	180	23.0	6.1	<100	1.0	<2	0.5	<0.1
121	RO-21	628.058	9937.635ALV	0.985	4500	1200	350	73	12	170	180	130	13.0	3.1	<50	2.8	<2	3.9	0.6
122	RO-22	628.206	9937.531ALV	0.378	17000	1430	735	125	<4	1610	2530	1205	137.0	32.7	<100	8.0	<1	8.0	2.0
123	RO-23	628.200	9937.422TF	0.295	3600	1000	155	60	4	66	70	<20	4.9	1.7	<50	1.1	<1	1.4	0.3
124	RO-24	628.091	9937.230ALV	0.604	5000	760	395	62	3	250	330	120	20.0	5.2	<50	1.8	<3	2.2	0.3
125	RO-25	628.051	9936.954ALV	0.196	2600	1300	135	47	1	310	410	130	19.0	4.2	<50	3.3	<1	2.6	0.3
126	RO-26	628.160	9936.813TF	0.291	8300	1450	140	49	<1	54	68	<30	4.2	1.4	<50	0.8	2	1.6	0.2
127	RO-27	628.251	9936.706LPTF	0.399	2200	345	320	74	<1	73	72	23	5.8	1.9	<50	1.6	<1	1.6	0.2
128	RO-28	628.289	9936.610TF	0.401	2600	1100	170	61	<1	65	67	<20	5.2	1.1	<50	1.6	<4	1.4	0.2
130	RO-30	628.376	9936.541TF	0.429	4000	1700	155	32	5	62	38	24	2.2	0.9	<50	0.2	<1	1.2	0.2
131	RO-31	628.430	9936.416TF	0.046	1800	1150	140	45	5	50	53	25	2.0	1.5	<100	1.7	<1	1.3	0.5
132	RO-32	628.479	9936.304LPTF	0.059	1000	900	150	43	2	47	54	130	3.6	1.1	<100	1.4	<1	0.8	0.4
133	RO-33	628.568	9936.195NEP	0.013	2400	520	180	39	5	138	207	175	9.2	2.5	<100	1.4	<1	2.8	0.4
134	RO-34	628.120	9938.024ALV	0.303	680	2150	295	31	3	160	310	170	18.0	3.8	<50	0.8	<1	2.0	0.3
135	RW-01	630.649	9937.007TF	0.080	2080	270	360	67	6	100	130	98	9.0	3.6	<50	1.3	<1	1.7	0.3
136	RW-02	630.262	9937.061LPTF	0.310	2000	530	240	48	1	68	89	67	6.4	2.1	<50	1.3	<1	1.2	0.2
137	RW-03	630.143	9936.970TF	0.183	1580	620	175	45	1	68	79	38	5.3	1.1	<50	1.4	<1	1.0	0.2
138	RW-04	629.889	9936.970LPTF	0.216	1320	430	145	37	1	4.0	130	85	7.7	1.8	<50	0.7	2	1.0	0.2
139	RW-05	629.891	9936.901C8B	0.273	1800	400	160	54	<1	4.0	177	39	6.1	2.3	<50	1.1	<1	0.9	0.2
140	RW-06	629.534	9936.583TF	0.109	1720	1360	150	50	<1	1.0	46	23	3.1	0.7	<100	0.9	<1	1.4	0.2
141	RW-07	629.416	9936.463TF	0.101	1200	1350	150	51	6	54	57	<20	2.9	1.6	<100	1.2	<1	1.6	0.2
142	RW-08	629.229	9936.386TF	0.044	2040	1350	135	47	2	52	43	<20	2.6	1.6	<100	0.5	<2	1.9	0.2
143	RW-09	629.093	9936.297LPTF	0.201	1840	1200	150	49	2	57	50	11	3.2	0.8	<50	1.3	<1	1.0	0.1
144	RW-10	628.929	9936.209TF	0.062	2080	1350	145	44	<4	53	49	<20	2.8	1.5	<100	1.1	<1	1.2	0.6
145	RW-11	628.812	9936.129LPTF	0.079	1320	1250	145	40	1	51	49	<30	2.9	1.6	<100	1.6	<1	1.3	0.5
146	RW-12	628.564	9936.045LPTF	0.046	3200	1250	145	46	2	46	36	14	2.4	1.5	<100	0.8	<1	1.6	0.3
147	RW-13	626.534	9938.378C8B	0.195	1380	680	165	35	<1	4.0	82	96	8.3	2.2	<50	1.0	<1	1.6	0.2
148	RW-14	626.689	9938.410C8B	0.474	920	2900	265	43	3	69	92	39	7.0	2.5	<100	0.4	<1	1.9	0.2
149	RW-15	626.672	9938.294ALV	1.990	1760	2900	63	130	50	310	450	320	34.0	11.0	<50	4.6	2	8.4	1.0
150	RW-16	626.735	9938.253C8LPT	0.239	1600	1050	150	54	2	53	53	37	3.0	1.1	<100	1.1	<1	1.4	0.3

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE		LONGITUDE	LATITUDE	ONGLTYPE	P	ASSAY										RESULTS									
		%RA	PPMSR					PPMNB	PPMY	PPMU	PPMTH	PPM A	PPMCE	PPMND	PPMSM	PPMSE	PPMGD	PPMTB	PPMTM	PPMVB	PPMU	PPM	PPMND	PPMSM	PPMSE	PPMGD	PPMTB
151	RN-17	626.874	9938.144	CSLPT	0.443	1200	145	36	1	2.0	55	71	12	4.1	1.0	<50	9.3	1	1.5	0.2							
152	RN-18	627.080	9938.051	CSLPT	0.202	1360	155	39	2	6.0	85	110	39	7.2	1.7	<50	9.0	3	1.4	0.2							
153	RN-01	627.547	9938.055	ALV	0.026	17000	2000	145	<1	38.0	2000	3100	1100	140.0	40.0	150	18.0	5	5.4	0.5							
154	RN-02	627.360	9938.031	ALV	0.213	18000	540	105	4	210.0	750	1100	460	60.0	17.0	200	11.0	4	4.0	0.3							
155	RN-03	627.302	9938.098	ALV	0.224	5300	1300	275	60	42.0	250	360	120	16.0	3.0	<50	10.0	2	2.0	0.3							
156	RN-04	627.137	9938.004	ALVB	0.518	4700	1250	305	57	9.0	130	190	94	12.0	3.0	<50	9.6	<2	2.3	0.2							
157	RN-05	627.285	9938.377	ALV	0.531	5800	860	440	1	28.0	320	410	120	15.0	4.3	<50	8.5	<1	2.8	0.3							
158	RN-06	627.275	9938.541	ALV	0.260	7500	800	215	47	34.0	210	290	110	12.0	4.9	<50	9.3	<2	2.0	0.3							
159	RN-07	627.192	9938.706	ALVB	0.361	5500	520	410	40	11.0	170	240	89	12.0	3.0	<50	9.4	<1	1.5	0.2							
160	RN-08	627.140	9938.787	LPTF	1.830	5500	400	125	2	1.0	16	23	<5	0.6	1.5	<50	8.7	<1	0.4	<0.1							
161	RN-09	627.058	9938.922	TF	0.850	1440	350	390	70	8.0	93	120	21	8.8	2.5	<50	1.0	5	3.3	0.3							
162	RN-10	627.058	9939.150	ALV	0.448	1200	350	285	71	4.0	76	81	10	5.7	1.5	<50	0.1	6	2.0	0.3							
163	RN-11	627.156	9937.744	ALV	1.415	960	500	380	125	<1	3.0	53	15	3.9	0.7	<50	0.6	<1	1.5	0.3							
164	RN-12	627.177	9937.639	ALV	0.383	2640	960	195	45	16	18.0	77	100	48	9.2	<50	4.6	<1	2.8	0.3							
165	RN-13	627.258	9937.565	ALVB	0.340	2700	1100	160	51	19	18.0	63	59	34	7.1	<50	5.5	<1	6.0	1.3							
166	RN-14	627.364	9937.526	ALVB	2.84	3200	2200	495	85	300	340.0	620	673	420	31.0	<50	10.0	<1	26.0	2.6							
167	RN-15	627.427	9937.449	ALV	1.590	3100	1030	460	110	42	22.0	52	<10	3.6	1.5	<50	9.6	2	8.3	1.0							
168	RN-16	627.496	9937.378	ALV	1.250	5800	1730	360	63	12	13.0	240	270	110	11.0	<50	8.7	<1	4.7	0.4							
169	RN-17	627.566	9937.318	ALVB	0.628	4000	1400	435	44	6	11.0	440	160	20.0	4.4	<50	8.3	<1	1.6	0.2							
170	RN-18	627.644	9937.253	ALVB	0.814	2400	1750	390	57	12	22.0	420	210	21.0	5.9	<50	9.1	2	4.0	0.3							
171	RN-19	627.688	9937.174	ALVB	0.698	4000	2350	435	43	7	22.0	400	130	18.0	3.8	<50	8.5	4	2.3	0.3							
172	RN-20	627.756	9937.106	ALVB	0.700	1800	2350	450	37	5	11.0	270	130	18.0	3.8	<50	8.2	5	2.1	0.3							
173	RN-21	627.845	9937.042	ALVB	0.718	2320	910	420	56	10	10.0	190	74	11.0	3.7	<50	9.2	<1	2.3	0.3							
174	RN-22	627.933	9936.988	ALVB	0.750	2200	1350	400	50	7	11.0	260	100	12.0	3.7	<50	9.1	4	2.3	0.3							
175	RN-23	627.967	9937.114	ALVB	0.851	4800	1550	435	51	12	17.0	280	350	120	17.0	<50	8.1	<1	3.4	0.4							
176	RN-24	628.058	9937.211	SOVB	0.311	2700	590	385	51	<1	7.0	100	150	69	9.8	<50	8.3	<1	2.4	0.3							
177	RN-25	628.050	9937.266	ALVB	0.844	4500	420	575	48	10	16.0	100	150	63	8.4	<50	9.3	<1	2.0	0.2							
178	RN-26	628.051	9937.343	FCB	0.168	15000	1900	94	70	2	50.0	1600	2100	640	77.0	100	12.0	<1	1.6	0.2							
179	RN-27	628.043	9937.393	ALV	0.183	27000	1050	100	55	<1	66.0	2900	920	91.0	20.0	<50	7.0	<3	3.9	0.3							
180	RN-28	630.718	9936.368	GRD	0.094	2320	170	46	21	2	7.0	80	60	7.5	1.6	<50	8.1	2	0.5	<0.1							
181	RN-29	630.591	9936.241	GRD	0.040	1760	210	29	19	<3	8.0	110	38	5.5	1.4	<50	8.4	<1	0.2	0.1							
182	RN-30	630.523	9936.131	GRD	0.011	240	30	28	24	<1	3.0	17	23	24	1.4	<50	7.8	1	0.3	0.1							
183	RN-31	630.409	9936.046	SYN	0.051	1800	210	55	22	1	7.0	51	85	23	3.7	<50	8.6	<1	0.8	0.1							
184	RN-32	630.269	9936.063	J	0.126	1480	230	110	24	1	2.0	23	50	<10	4.0	<50	8.0	1	1.0	0.2							
185	RN-33	630.057	9936.158	J	0.164	280	950	192	44	1	2.0	130	164	48	4.6	<50	9.7	5	3.2	0.5							
186	RN-34	629.833	9936.135	J	0.024	360	1550	200	16	3	14.0	220	390	100	26.0	<50	10.0	<1	0.6	<0.1							
187	RN-35	629.633	9936.106	ALV	0.319	3800	720	275	48	<1	1.0	40	32	9	1.1	<50	3.7	1	0.4	0.1							
188	RN-36	629.481	9936.069	J	0.028	240	1600	160	12	1	12.0	160	320	90	20.0	<50	4.7	2	0.7	0.2							
189	RN-37	629.329	9936.053	J	0.692	2120	1650	145	56	3	1.0	80	67	20	5.8	<50	4.6	<1	1.2	0.3							
190	RN-38	629.190	9936.021	TF	0.191	1320	750	165	36	<1	3.0	72	80	<5	5.5	<50	4.0	1	1.2	0.2							
191	RN-39	629.028	9936.018	TF	0.323	2100	650	145	39	<1	3.0	62	96	24	5.0	<50	3.8	1	1.2	0.2							
192	RN-40	628.953	9936.135	LPTF	0.186	1920	1550	145	43	6	1.0	55	65	15	3.3	<50	4.2	<2	1.0	0.3							
193	RN-41	629.974	9935.639	J	0.400	280	650	275	26	<1	2.0	41	70	<10	5.6	<50	4.0	<1	1.8	0.3							
194	RN-42	629.826	9935.650	J	0.159	1080	1550	250	39	9	4.0	180	270	61	17.0	<50	5.2	3	1.4	0.1							
195	RN-43	629.682	9935.629	J	0.026	280	1500	205	19	9	11.0	220	390	100	25.0	<50	5.1	1	0.2	<0.1							
196	RN-44	629.556	9935.605	J	0.359	360	2000	295	44	8	3.0	190	140	36	14.0	<50	4.7	<4	1.9	0.1							
197	RN-45	629.416	9935.556	J	0.582	520	1850	195	38	4	3.0	190	170	50	17.0	<50	2.7	<3	1.7	0.1							
198	RN-46	629.294	9935.515	J	0.403	2400	1020	26	21	<1	<1.0	26	21	14	2.0	<50	0.5	2	0.6	0.1							
199	RN-47	629.155	9935.488	J	0.030	240	1600	200	18	2	22.0	240	360	140	32.0	<50	2.5	<1	<0.1	<0.1							
200	RN-48	629.052	9935.530	J	0.025	280	1700	245	22	2	94.0	440	810	340	62.0	<50	3.7	4	<0.1	<0.1							

Results of Geochemical Analysis

NOS.	SAMPLE NO.	COORDINATE		LONGITUDE	TYPE	ASSAY RESULTS																
		LATITUDE	LONGITUDE			P	%BA	PPMSR	PPMNB	PPMY	PPMU	PPMTH	PPM A	PPMCE	PPMND	PPMSM	PPMEU	PPMGD	PPMTR	PPMTM	PPMYB	PPMU
201	RN-49	628.926	9935.594	J		0.360	720	1750	235	37	5	6.0	180	180	46	15.0	3.1	<50	2.3	3	1.1	0.1
202	RN-50	628.885	9935.712	J		0.060	340	1650	45	6	<1	5.0	64	82	32	7.2	1.3	<50	1.5	<1	0.3	<0.1
203	RN-51	628.821	9935.816	TF		0.040	2400	1800	140	46	6	1.0	66	45	<15	3.4	0.6	<50	0.2	<1	2.1	0.3
204	RN-52	628.700	9935.911	TF		0.088	3200	1250	145	47	2	<1.0	44	29	8	2.2	0.6	<50	1.3	<1	1.8	0.2
205	RN-53	629.166	9935.335	J		0.445	1400	1700	77	32	2	<1.0	44	28	9	2.8	0.3	<50	2.3	<1	0.7	<0.1
206	RN-54	629.272	9935.232	J		0.492	2200	1250	87	45	1	<1.0	54	33	12	3.2	0.3	<50	0.1	<1	0.7	<0.1
207	RN-55	629.320	9935.141	J		0.605	1600	1750	160	43	2	<1.0	100	74	13	7.8	2.6	<50	3.0	<1	0.8	0.2
208	RN-56	627.515	9938.006	ALVB		0.798	10000	650	675	130	<1	72.0	260	290	99	29.0	6.7	<50	4.0	<1	6.8	1.1
209	RN-57	627.465	9938.029	ALVB		0.284	7600	1150	695	96	<1	220.0	860	940	320	45.0	8.7	<50	3.3	<1	5.1	1.0
210	RN-58	627.235	9938.628	ALVB		0.447	4700	1150	490	67	18	43.0	310	330	100	18.0	3.5	<50	1.6	<1	3.2	0.3
211	RN-59	627.172	9938.741	SOVB		0.938	3800	1100	910	95	10	28.0	200	200	63	16.0	4.2	<50	2.1	<1	3.9	0.6
212	995016	653.457	9939.322	MTBT		0.028	230	144	<5	14	<1	<1.0	4	10	5	2.6	1.4	<150	1.4	<1	3.3	1.1
213	995026	653.340	9939.268	FCB		0.040	11750	1445	195	240	4	240.0	2800	3400	620	120.0	30.0	<100	9.3	6	18.0	2.1
214	995036	653.206	9939.228	FCB		0.252	20200	2190	240	410	<6	530.0	5790	8800	600	190.0	48.0	<200	14.0	6	25.0	3.0
215	995046	653.110	9939.189	MTBT		0.026	530	154	6	20	<1	11.0	130	170	34	7.6	2.6	<200	1.4	1	3.0	1.1
216	995056	652.980	9939.141	FCB		0.682	32600	2920	54	660	<4	570.0	8830	12500	1200	240	61.0	<300	19.0	13	35.0	3.8
217	995066	652.903	9939.102	FCB		0.030	5580	322	235	160	<1	310.0	660	1300	420	91.0	25.0	<100	9.9	5	9.7	1.7
218	995076	652.810	9939.062	ALVB		0.022	4430	440	350	40	3	110.0	380	580	140	35.0	9.0	<150	3.0	2	5.7	1.1
219	995086	652.686	9938.997	ALV		0.567	3050	3750	685	230	<1	130.0	1300	2400	620	130.0	36.0	<100	10.0	5	15.0	1.9
220	995096	652.612	9938.925	ALV		0.423	840	3270	835	87	<1	31.0	680	1200	290	65.0	18.0	<50	4.3	2	7.3	1.2
221	995106	652.549	9938.886	PHN		0.021	490	626	585	37	13	51.0	81	130	40	8.1	3.0	<100	1.4	1	2.5	0.7
222	995116	652.372	9938.788	PHN		0.009	420	545	520	34	11	39.0	38	56	15	3.1	1.6	<200	0.4	1	2.6	0.7
223	995126	652.209	9938.783	ALVB		0.034	2310	1520	175	74	9	18.0	82	120	37	11.0	3.9	<100	2.3	2	4.3	1.0
224	995136	652.036	9938.853	ALV		0.204	4790	1625	120	110	9	42.0	61	86	23	6.5	2.4	50	1.3	<1	3.8	0.8
225	995146	651.957	9938.918	FCB		0.025	4090	2140	115	145	6	430.0	740	1400	270	81.0	25.0	<50	6.6	3	19.0	1.8
226	995156	651.870	9938.965	FCB		0.878	11900	2430	9	155	6	63.0	3800	3500	400	49.0	15.0	<100	5.3	5	14.0	1.8
227	995166	651.805	9939.146	PHN		0.060	1130	1300	325	60	14	47.0	150	290	86	9.2	4.9	<200	2.3	<1	2.5	0.7
228	995176	651.877	9939.317	PHN		0.103	1970	1445	310	61	14	40.0	390	580	130	10.0	6.0	<150	1.9	1	1.8	0.7
229	995186	651.991	9939.488	FCB8		0.487	2860	3890	98	115	3	43.0	710	1300	390	41.0	16.0	<50	5.0	1	4.7	1.3
230	995196	652.081	9939.417	PHN		0.066	1560	2320	295	48	11	35.0	160	310	80	9.6	5.2	<200	2.1	1	2.2	0.6
231	995206	652.322	9939.382	ALV		0.222	700	4190	69	68	11	11.0	460	1200	420	50.0	18.0	<50	5.0	2	3.0	0.8
232	995216	652.460	9939.366	PHN		0.543	820	5610	770	125	3	16.0	940	2300	760	90.0	30.0	<100	8.2	3	3.8	0.9
233	995226	652.609	9939.498	PHN		0.071	700	1410	380	54	12	37.0	120	280	49	11.0	5.7	<200	2.3	1	2.2	0.6
234	995236	652.689	9939.534	J		0.011	750	1030	330	55	8	36.0	61	140	54	5.9	3.2	<100	1.7	1	2.4	0.6
235	995246	652.744	9939.621	PHN		0.022	590	957	335	50	13	38.0	44	100	340	45.0	17.0	<100	5.8	2	5.9	1.4
236	995256	652.905	9939.586	J		0.014	750	892	325	70	5	99.0	390	950	340	45.0	17.0	<100	5.8	2	5.9	1.4
237	995266	651.742	9942.363	C88		0.950	4030	1245	110	44	4	21.0	200	320	120	14.0	6.0	<50	2.4	1	2.1	0.8
238	995276	651.773	9942.273	ALV		0.040	3350	2310	165	59	2	18.0	600	1500	520	63.0	19.0	<50	5.0	2	2.6	0.8
239	995286	651.909	9941.990	ALV		2.77	2510	6020	145	190	28	14.0	310	710	240	35.0	13.0	<50	5.0	3	11.0	1.8
240	995296	651.884	9941.842	ALV		0.586	890	3750	715	70	4	18.0	470	1000	340	37.0	14.0	<50	3.8	1	3.8	1.1
241	995306	651.882	9941.698	ALV		0.129	650	3050	460	52	30	49.0	280	500	220	23.0	9.8	<50	2.8	1	3.3	0.8
242	995316	651.762	9941.951	ALV		0.167	650	2060	43	49	1	9.0	260	560	170	24.0	8.4	<50	2.6	<1	2.8	0.8
243	995326	651.666	9941.933	ALV		0.136	680	3940	53	65	1	11.0	390	700	250	32.0	9.8	<50	2.5	<1	2.6	0.6
244	995336	651.670	9941.767	ALV		0.186	1660	3340	5	68	<1	6.0	300	610	240	38.0	12.0	<50	3.7	<1	2.9	0.7
245	995346	651.660	9941.554	ALV		0.397	4660	3440	80	100	3	31.0	190	360	150	21.0	8.4	<50	3.4	1	7.9	1.4
246	995356	651.652	9941.429	ALV		0.378	1160	2930	515	60	23	7.0	270	560	180	30.0	10.0	<100	3.2	<1	3.4	0.7
247	995366	651.654	9941.290	ALV		0.287	460	2450	285	60	2	39.0	300	570	210	30.0	10.0	<50	3.4	<1	3.0	0.6
248	995376	651.642	9941.172	ALV		0.057	440	1925	76	60	<1	31.0	350	620	220	30.0	9.9	<50	3.7	<1	2.7	0.6
249	995386	651.722	9941.062	ALV		0.055	560	2990	57	75	<1	43.0	330	620	170	24.0	8.4	<100	2.9	<1	4.3	0.7
250	995396	651.829	9940.999	ALV		0.036	2810	3530	325	155	1	83.0	820	1200	370	57.0	17.0	<100	5.1	<1	5.6	0.9

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE		CONG	LIT	TYPE	ASSAY RESULTS																
		ALTITUDE	LONGITUDE				P	%RA	PPMSR	PPMNB	PPMY	PPMA	PPMCE	PPMSM	PPMGD	PPMTB	PPMTM	PPMYB	PPMU	PPMU			
251	995406	651.942	9941.098	MTBT			0.083	510	442	12	40	<1	10.0	79	140	69	7.6	3.6	<150	1.6	<1	3.3	0.9
252	995416	652.003	9941.207	ALV			0.457	510	2480	355	72	62	190.0	220	550	170	24.0	9.9	<50	2.7	<1	2.7	0.8
253	995426	652.057	9941.378	ALV			0.426	560	6790	<5	43	2	5.0	170	320	120	16.0	6.0	<50	2.2	<1	3.0	0.7
254	995436	652.096	9941.461	ALV			0.382	320	3160	1090	58	130	140.0	290	600	240	25.0	8.8	<50	2.7	<1	1.7	0.6
255	995446	652.118	9941.569	ALV			0.083	1490	2460	49	37	5	6.0	1200	1100	230	18.0	5.0	<100	1.8	<1	2.1	0.6
256	995456	652.047	9941.688	ALV			0.321	290	2600	605	52	13	5.0	270	510	190	28.0	8.1	<50	2.7	<1	3.0	0.6
257	995466	652.566	9940.810	FCB			0.101	1670	894	415	330	<3	100.0	1600	2600	750	100.0	30.0	<100	12.0	<1	10.0	2.3
258	995476	652.477	9940.844	MTBT			0.033	560	147	8	20	<1	1.0	25	44	8	3.8	2.2	<100	1.7	1	1.8	0.6
259	995486	651.847	9940.914	ALV			0.237	1140	2530	52	56	4	17.0	220	490	160	22.0	7.4	<50	2.9	1	2.4	0.7
260	995496	651.864	9940.864	ALV			0.715	690	3080	85	155	12	28.0	740	1500	680	90.0	28.0	<100	8.3	2	6.3	1.1
261	995506	651.878	9940.817	ALV			0.095	10630	1970	135	550	3	480.0	4860	6500	1300	190.0	54.0	<100	18.0	15	18.0	3.5
262	995516	651.885	9940.770	FCB			0.212	4760	2920	45	290	16	180.0	5260	7500	1300	160.0	43.0	<100	11.0	5	7.8	2.3
263	995526	651.900	9940.694	ALV			0.081	14890	3940	150	320	<2	960.0	4060	4900	1000	100.0	43.0	<100	13.0	14	19.0	2.3
264	995536	651.932	9940.636	ALV			0.084	980	1630	90	29	2	24.0	160	240	82	9.6	3.7	<50	2.0	<1	2.2	0.6
265	995546	651.977	9940.559	ALV			0.183	2930	4540	190	135	8	110.0	160	1400	420	54.0	18.0	<50	6.0	4	9.5	1.4
266	995556	652.074	9940.348	MTDL			0.023	260	237	6	16	<1	6.0	44	67	12	3.9	2.4	<100	0.5	1	1.8	0.6
267	995566	652.094	9940.289	PHN			0.048	890	2510	525	36	15	50.0	78	120	48	6.0	3.7	<100	1.7	1	1.7	0.5
268	995576	652.213	9940.269	PHN			0.041	760	1620	540	41	14	53.0	72	130	40	5.8	3.1	<200	1.4	<1	1.1	0.5
269	995586	652.356	9940.253	MTBT			0.029	370	165	<5	14	<1	<1.0	8	13	<5	2.3	2.6	<100	1.1	<1	1.5	0.5
270	995596	652.511	9940.306	PHN			0.024	620	542	350	43	13	39.0	39	82	23	2.7	2.6	<100	1.2	2	1.8	0.8
271	995606	652.691	9940.164	MTBT			0.035	126	620	<5	19	<1	<1.0	5	10	6	2.6	1.9	<100	2.1	<1	1.9	0.8
272	995616	652.971	9939.880	MTBT			0.026	70	153	5	11	<1	1.0	6	13	10	2.2	1.8	<50	0.7	<1	1.4	0.5
273	998016	650.077	9937.559	CB			0.290	1210	570	160	64	1	6.0	51	73	28	4.7	3.0	<50	1.9	2	4.9	1.1
274	998026	650.049	9937.762	PHN			0.042	1000	1065	260	31	<1	31.0	54	110	29	4.7	2.3	<300	1.2	<1	2.2	0.6
275	998036	650.162	9937.809	CB			0.095	1970	713	109	110	3	110.0	160	300	46	20.0	9.3	<150	4.4	2	7.4	1.0
276	998046	650.251	9937.848	PHN			0.042	940	748	255	32	8	30.0	53	110	30	4.7	2.6	<200	1.4	<1	1.3	0.5
277	998056	650.306	9937.959	PHN			0.032	850	651	255	31	8	32.0	52	95	28	4.2	2.6	<200	1.4	<1	2.2	0.5
278	998066	650.411	9937.982	ALV			0.037	1010	705	255	31	9	31.0	60	120	28	4.7	2.4	<200	1.2	<1	2.1	0.5
279	998076	650.516	9937.923	CB			0.082	8680	915	205	125	1	68.0	650	1400	380	52.0	17.0	<50	4.7	3	11.0	1.7
280	998086	650.655	9937.931	FB			0.085	5900	656	260	75	<1	76.0	160	310	84	25.0	11.0	<150	4.4	2	5.2	0.9
281	998096	650.772	9937.946	ALV			0.703	10440	2680	945	150	4	25.0	1000	2200	680	95.0	27.0	<100	7.4	2	6.4	1.0
282	998106	650.876	9937.977	FCB			0.058	3430	3060	39	28	2	35.0	1000	2800	740	100.0	28.0	<100	1.7	1	2.8	0.7
283	998116	650.998	9937.889	ALV			0.207	1460	4620	375	125	2	95.0	1000	2800	740	100.0	28.0	<100	7.3	4	5.5	1.0
284	998126	651.106	9937.858	ALV			0.044	390	2880	<5	80	<1	23.0	690	1700	560	86.0	24.0	<50	6.1	3	3.4	1.0
285	998136	651.201	9937.803	CB			0.263	980	2890	150	130	<1	15.0	610	1200	380	65.0	19.0	<100	6.2	3	5.9	1.0
286	998146	651.299	9937.776	ALV			0.128	690	3120	505	48	5	29.0	480	1000	290	42.0	12.0	<50	3.6	<1	2.5	0.5
287	998156	651.305	9937.887	ALV			0.383	930	4910	255	155	<1	13.0	470	900	542	69.0	24.0	<50	7.6	12	6.8	1.1
288	998166	651.290	9938.020	FB			0.099	2440	1250	220	21	3	26.0	92	140	56	5.2	3.1	<100	0.5	<1	2.1	0.6
289	998176	650.890	9939.722	ALV			0.478	730	3510	245	86	3	37.0	780	1600	750	71.0	21.0	<50	4.9	7	4.4	0.8
290	998186	650.974	9939.612	ALV			0.527	6860	3490	215	130	3	51.0	770	1300	840	88.0	27.0	<50	7.3	4	3.9	0.8
291	998196	651.049	9939.528	ALV			0.096	2810	2810	6	59	<1	13.0	140	270	161	17.0	6.8	<50	2.8	5	7.5	1.3
292	998206	651.133	9939.574	ALV			0.778	8430	3730	460	210	<1	158.0	1400	1900	740	92.0	30.0	<100	8.4	17	18.0	2.0
293	998216	651.232	9939.485	ALV			0.289	4420	3510	88	120	<1	55.0	610	1300	610	59.0	18.0	<50	5.3	9	6.6	1.0
294	998226	651.319	9939.352	ALV			0.493	1360	3480	1280	58	<3	72.0	630	1300	630	55.0	15.0	<50	3.6	7	5.9	0.9
295	998236	651.370	9939.218	ALV			1.700	5370	3800	515	280	<2	290.0	300	650	320	46.0	24.0	50	12.0	13	22.0	2.0
296	998246	651.459	9939.102	FB			0.526	8390	2070	470	280	<4	280.0	1300	2000	800	77.0	25.0	<50	8.9	16	19.0	1.3
297	998256	651.545	9939.002	FB			0.266	6210	1215	720	135	<4	190.0	640	1100	460	43.0	14.0	<50	5.7	10	12.0	1.3
298	998266	651.597	9938.876	ALV			0.065	8370	499	1110	115	<3	170.0	170	390	300	33.0	11.0	<50	3.6	5	4.5	1.0
299	998276	651.635	9938.799	ALV			0.510	15970	2190	46	300	<3	460.0	910	1800	950	94.0	33.0	<50	9.3	22	18.0	2.8
300	998286	651.671	9938.667	ALV			0.086	7610	1615	1020	280	<4	380.0	610	1200	780	170.0	60.0	50	15.0	16	17.0	2.2

Results of Geochemical Analysis

NOS.	SAMPLE NO.	COORDINATE		LONGITUDE	LATITUDE	GLIDE	TYPE	P	ASSAY RESULTS												
		%A	PPMSR						PPMNB	PPMVB	PPMV	PPMU	PPMTH	PPMA	PPMCE	PPMND	PPMSM	PPMEU	PPMSD	PPMTB	PPMTM
301	998296	651.754	9938.561	ALV	0.772	12210	2010	575	520	23	270.0	1300	2200	880	100.0	33.0	14.0	14.0	23	30.0	3.8
302	998306	651.885	9938.550	ALV	0.590	9560	2600	240	180	6	100.0	1100	2400	1100	130.0	40.0	<50	<50	11	9.2	1.1
303	998316	651.956	9938.443	ALV	0.058	15210	6170	335	140	13	110.0	140	220	80	24.0	<0.2	<50	<50	3	5.3	0.7
304	998326	651.904	9938.281	FCB	0.077	1700	3090	520	65	48	56.0	350	640	280	23.0	11.0	<300	<300	3	2.6	0.5
305	998336	653.366	9941.443	PHN	0.343	740	952	540	38	10	58.0	82	160	31	3.9	2.0	100	100	2	1.6	0.3
306	998346	652.787	9941.153	PHN	0.102	2970	2100	705	47	21	80.0	110	200	40	5.1	4.9	100	100	2	2.4	0.3
307	998356	652.888	9941.314	MTB	0.054	810	729	380	36	8	46.0	120	230	45	6.5	3.4	<300	<300	1	2.8	0.3
308	998366	652.775	9941.378	MTB	0.064	16360	3500	370	33	9	52.0	130	240	42	6.6	3.4	<200	<200	1	2.6	0.3
309	998376	652.709	9941.516	ALV	0.064	16360	3500	370	33	9	52.0	130	240	42	6.6	3.4	<200	<200	1	2.6	0.3
310	998386	652.662	9941.589	ALV	0.282	2110	4050	51	93	8	40.0	350	670	260	32.0	11.0	<50	<50	2	4.3	0.7
311	998396	652.586	9941.661	FCB	0.180	4200	1430	245	80	10	38.0	240	480	140	19.0	9.0	<50	<50	2	2.9	0.5
312	998406	652.350	9941.556	VLBR	0.254	21100	3780	405	540	10	50.0	6990	8000	800	110.0	31.0	300	300	14	29.0	3.7
313	998416	652.242	9941.520	VLBR	0.116	3250	1175	320	24	12	36.0	73	130	29	3.2	1.3	<250	<250	1	2.0	0.2
314	998426	652.218	9941.389	ALV	0.440	6150	3440	77	91	10	34.0	400	660	230	27.0	12.0	<50	<50	3	7.0	0.7
315	998436	652.085	9941.134	ALV	0.134	610	2780	55	90	<2	76.0	200	460	110	22.0	7.4	<50	<50	4	5.4	0.6
316	998446	652.052	9941.016	ALV	0.521	4910	3070	33	140	<1	71.0	380	670	250	34.0	13.0	<50	<50	3	4.1	0.5
317	998456	652.136	9940.838	PHN	0.140	990	2920	325	33	3	13.0	46	100	43	3.2	1.9	<50	<50	3	4.1	0.5
318	998466	652.253	9940.838	MTB	0.025	2030	395	33	17	<4	2.0	10	100	<10	2.0	<0.1	<100	<100	<1	1.5	0.4
319	998476	652.347	9940.760	MTB	0.057	330	300	11	22	6	2.0	<1	10	<10	2.1	1.1	<100	<100	10	1.8	0.4
320	998486	650.650	9940.191	ALV	0.427	11140	4360	32	420	<3	410.0	14320	14700	1500	88.0	83.0	<400	<400	10	32.0	4.1
321	998496	650.905	9940.021	ALV	0.433	2620	4540	160	79	8	11.0	420	720	370	40.0	12.0	<50	<50	<1	3.9	0.3
322	998506	651.430	9940.348	FCB	0.138	4390	860	170	35	4	16.0	130	190	100	9.3	1.0	<50	<50	<1	2.3	0.3
323	998516	651.548	9940.363	FCB	0.210	24700	2620	270	130	6	52.0	470	610	330	36.0	29.0	<50	<50	2	5.8	0.9
324	998526	651.649	9940.446	MTB	0.028	520	122	5	18	<3	1.0	8	10	<10	1.5	<0.1	<50	<50	2	1.7	0.6
325	998536	651.732	9940.484	MTB	0.028	830	152	5	22	5	1.0	11	16	<10	1.5	0.6	<50	<50	2	1.7	0.6
326	998546	651.884	9940.472	ALV	0.607	1390	1935	245	150	5	66.0	94	140	120	16.0	6.9	<50	<50	13	2.5	0.9
327	998556	651.929	9940.359	MTB	0.034	140	110	6	17	<2	1.0	5	12	<20	2.2	0.8	<50	<50	<1	1.6	0.3
328	998566	651.960	9940.235	PHN	0.041	840	946	530	42	21	48.0	59	99	35	5.1	2.1	<200	<200	<1	0.8	0.3
329	998576	651.962	9940.083	PHN	0.047	3280	638	550	43	16	52.0	67	110	44	5.4	1.5	<200	<200	<1	1.6	0.3
330	998586	651.932	9939.949	ALV	0.330	14210	3980	145	42	2	32.0	1700	2700	880	65.0	13.0	<100	<100	4	10.0	1.6
331	998596	651.986	9939.815	ALV	0.117	630	3180	55	56	<1	9.0	720	1300	630	62.0	14.0	<100	<100	<1	1.2	0.3
332	998606	651.901	9939.709	SOV	0.737	680	6310	45	44	<1	4.0	290	490	200	26.0	6.4	<50	<50	<1	2.4	0.4
333	998616	651.768	9939.694	ALV	0.055	1020	3330	31	58	<1	16.0	310	590	290	32.0	7.5	<50	<50	<1	4.8	0.7
334	998626	651.631	9939.751	SOV	0.498	810	6770	12	47	<1	4.0	250	430	190	24.0	6.6	<50	<50	<1	2.4	0.4
335	001016	652.593	9936.959	VLBR	0.208	2900	994	240	63	12	32.0	260	410	160	19.0	5.1	<50	<50	1	3.0	0.6
336	001026	652.578	9937.069	VLBR	0.228	1920	1520	230	42	8	12.0	230	370	150	18.0	4.1	<50	<50	1	1.6	0.3
337	001036	652.561	9937.146	PTF	0.268	6050	1810	400	71	9	39.0	290	500	210	26.0	6.5	<50	<50	1	3.4	0.6
338	001046	652.418	9937.282	FCB	0.042	3940	616	530	98	<1	65.0	100	200	84	27.0	8.4	<50	<50	1	4.4	0.7
339	001056	652.259	9937.501	FCB	0.027	3070	1315	36	26	<1	6.0	94	130	95	11.0	2.6	<50	<50	<1	2.7	0.5
340	001066	652.247	9937.435	FCB	0.149	3210	1610	14	52	<1	11.0	57	280	61	12.0	2.9	<50	<50	<1	4.4	0.6
341	001076	652.196	9937.483	FCB	0.044	3520	1005	66	83	<2	95.0	820	1200	520	60.0	14.0	<50	<50	2	3.4	0.7
342	001086	652.105	9937.583	FCB	0.021	1730	1735	53	125	<1	18.0	100	180	120	19.0	5.7	<50	<50	<1	3.4	1.2
343	001096	652.027	9937.707	FCB	0.151	820	1605	105	135	<1	44.0	560	1400	580	72.0	18.0	<100	<100	3	8.3	1.1
344	001106	651.935	9937.773	FCB	1.555	2360	5500	200	69	1	14.0	310	550	250	30.0	7.9	<50	<50	3	3.0	0.5
345	001116	651.894	9937.782	FCB	0.757	1180	4400	150	46	6	12.0	270	450	200	24.0	6.2	<50	<50	1	2.8	0.4
346	001126	651.833	9937.870	PTF	0.167	1870	1100	420	62	5	45.0	270	440	160	20.0	5.1	<150	<150	<1	1.3	0.4
347	001136	651.690	9937.851	FCB	0.901	1030	5820	420	125	11	26.0	440	820	300	44.0	13.3	<100	<100	<1	6.2	0.8
348	001146	651.606	9937.710	ALV	0.125	26500	5820	315	1360	16	840.0	7060	12600	2500	450	134.0	450	450	23	51.0	7.5
349	001156	651.486	9937.618	ALV	0.140	1040	2930	230	140	<1	66.0	940	1500	590	78.0	21.0	<50	<50	3	7.6	1.2
350	001166	651.478	9937.321	FCB	0.133	1860	524	195	82	<1	46.0	220	370	130	23.0	6.1	<50	<50	1	2.7	0.7

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE		LONGITUDE	DETYPE	ASSAY RESULTS													
		ALTITUDE	LONGITUDE			PPM A	PPMCE	PPMND	PPMNSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMVB	PPMU				
351	001176	651.441	9937.1141F	0.025	610	229	740	67	100.0	55	140	56	19.0	6.6	<200	2.3	<1	2.5	0.6
352	001186	653.536	9942.343ALV	0.315	4950	3140	670	93	<20	400	760	310	38.0	12.0	<50	3.3	<1	3.4	0.6
353	001196	653.491	9942.262SOV	0.039	21500	1050	12	83	<3	8830	9100	1000	89.0	18.0	<150	3.9	2	1.4	0.6
354	001206	653.421	9942.097ALV	0.270	10910	3280	485	140	10	54.0	660	400	55.0	14.0	<50	5.0	2	6.7	1.2
355	001216	653.260	9942.002ALV	0.101	14340	2230	300	290	21	190.0	1100	560	90.0	27.0	<50	9.7	5	12.0	1.9
356	001226	653.147	9941.987CB8	0.149	7340	1110	195	78	4	23.0	300	360	150	5.8	<50	2.2	1	3.5	0.6
357	001236	652.959	9941.853ALV	0.383	3210	3520	425	125	19	27.0	400	780	310	11.0	<50	3.9	3	5.8	0.8
358	001246	652.716	9941.813ALV	0.187	430	2820	27	110	<1	60.0	390	340	56.0	15.0	<50	4.0	2	5.2	0.3
359	001256	652.609	9941.793MTBT	0.032	570	256	13	22	<1	50.0	80	110	30	1.0	<100	4.0	<1	2.1	0.3
360	001266	652.554	9941.772PHN	0.036	1450	1835	595	36	2	9.0	63	120	46	7.2	<150	1.0	<1	2.4	0.5
361	001276	652.482	9941.708SOV	0.112	890	6390	7	44	<1	10.0	160	310	110	18.0	<50	1.8	<1	2.7	0.5
362	001286	652.424	9941.631VLBR	0.120	6150	1415	245	62	4	26.0	190	270	91	14.0	<100	2.8	<1	3.1	0.8
363	001296	652.307	9941.569VLBR	0.087	2590	716	305	53	10	16.0	42	62	19	5.2	<100	1.8	<1	2.5	0.7
364	001306	652.310	9941.620VLBR	0.131	3190	1045	270	59	6	35.0	110	150	55	10.0	<100	1.7	2	3.9	0.8
365	001316	652.380	9941.751ALV	0.018	490	3030	10	68	<1	4.0	77	200	70	28.0	<50	3.5	<1	2.0	0.6
366	001326	652.292	9941.865SYN	0.062	1620	1935	240	45	5	18.0	92	100	24	3.9	<100	1.5	<1	2.4	0.7
367	001336	652.296	9941.974SYN	0.108	940	809	355	51	9	41.0	100	160	40	6.6	<100	1.7	1	3.5	0.7
368	001346	652.368	9942.068ALV	0.242	350	3080	11	74	<1	12.0	390	550	220	40.0	<50	4.4	3	5.6	0.8
369	001356	652.332	9942.194ALV	0.219	3680	2220	41	145	<1	32.0	740	1200	410	87.0	<100	9.7	3	17.0	2.4
370	001366	652.351	9942.281FCB	0.815	18780	4650	205	420	<4	400.0	11060	14700	1800	270	<100	16.0	19	59.0	8.1
371	001376	652.381	9942.379MTBT	0.429	25500	2350	740	1380	<5	120.0	7530	11900	1900	360	<100	32.0	31	16.0	2.8
372	001386	652.321	9942.463MTBT	0.171	6640	976	765	460	4	300.0	280	430	190	73.0	<50	13.0	5	5.0	2.8
373	001396	653.458	9938.181ALV	0.423	700	1590	240	71	10	33.0	450	680	180	33.0	<50	3.2	2	5.0	1.0
374	001406	653.251	9938.357MTBT	0.033	490	134	12	17	<1	2.0	14	20	45	2.8	<50	1.7	2	1.6	0.7
375	001416	653.145	9938.367ALV	0.905	1500	673	795	65	12	66.0	390	580	160	33.0	<50	2.8	2	5.2	0.9
376	001426	653.020	9938.416MTBT	0.037	1090	134	8	19	<1	1.0	14	16	8	2.4	<50	1.5	<1	2.1	0.9
377	001436	652.923	9938.4881J	0.091	320	106	10	18	2	1.0	20	27	14	3.4	<50	3.1	1	1.4	0.8
378	001446	652.805	9938.537PHN	0.017	830	334	525	35	18	47.0	33	42	25	2.6	<100	1.4	<1	1.3	0.6
379	001456	652.709	9938.609PHN	0.012	760	548	550	40	13	50.0	33	42	20	2.8	<100	1.4	<1	1.2	0.5
380	001466	652.713	9938.762ALV	0.516	13120	2720	395	600	1	380.0	1100	1800	799	170.0	<50	20.0	13	23.0	3.3
381	001476	652.809	9938.776FCB	0.039	21300	531	21	120	6	230.0	1300	3200	1300	130.0	<100	7.4	9	3.1	1.4
382	001486	652.966	9938.787PHN	0.030	330	122	6	43	16	51.0	85	180	62	8.3	<50	1.7	1	1.5	0.5
383	001496	653.065	9938.745MTBT	0.032	1310	135	8	21	<1	2.0	11	25	11	2.6	<50	2.3	1	1.2	0.8
384	001506	653.174	9938.738MTBT	0.032	340	112	<5	18	<1	1.0	8	20	8	2.5	<50	2.0	<1	1.8	0.7
385	001516	653.303	9938.649MTBT	0.032	340	112	<5	18	<1	1.0	8	20	8	2.5	<50	2.0	<1	1.6	0.7
386	001526	653.440	9938.708SOV	0.004	30	68	<5	5	<1	<1.0	3	9	<5	0.7	<100	1.3	<1	0.8	0.5
387	001536	653.511	9938.742FCB	0.188	3070	928	57	450	<1	35.0	99	150	33	6.3	<100	16.0	12	14.0	3.2
388	004016	653.523	9937.979MTBT	0.011	690	692	285	54	<1	30.0	99	150	33	6.3	<100	2.0	2	2.0	0.6
389	004026	653.348	9938.031PHN	0.009	590	486	300	54	12	34.0	49	72	30	4.2	<100	1.5	1	1.8	0.6
390	004036	653.050	9938.150PHN	0.009	620	653	305	46	8	35.0	41	73	24	3.6	<200	1.3	<1	1.3	0.6
391	004046	652.968	9938.158CB8	0.234	1340	677	335	62	21	43.0	690	1000	300	42.0	<50	4.2	3	4.3	0.6
392	004056	652.879	9938.187PHN	0.039	1290	528	560	39	18	57.0	35	72	29	2.3	<50	1.0	3	1.7	0.8
393	004066	652.810	9938.158FCB	0.039	770	1495	99	38	1	5.0	55	130	51	6.2	<50	1.7	4	3.1	0.8
394	004076	652.750	9938.141PHN	0.090	360	489	575	30	18	58.0	29	62	23	2.4	<100	1.4	2	1.6	0.5
395	004086	652.699	9938.168PHN	0.055	410	313	580	36	18	60.0	32	65	29	2.2	<50	1.4	2	1.3	0.6
396	004096	652.561	9938.186PHN	0.007	320	483	555	37	12	58.0	30	62	26	2.2	<50	1.1	3	1.7	0.6
397	004106	652.451	9938.204PHN	0.172	1830	1090	470	75	14	75.0	360	650	190	24.0	<50	2.6	4	4.0	0.9
398	004116	652.470	9938.233CB8	0.101	1190	1970	94	50	3	19.0	90	160	68	8.6	<50	1.9	4	4.4	0.8
399	004126	652.455	9938.271FCB	0.120	8080	3410	79	120	<6	170.0	1300	2400	710	92.0	<50	6.4	17	2.8	0.9
400	004136	652.308	9938.089FCB	0.210	1010	2700	132	135	<1	68.0	1100	2400	1000	120.0	<50	9.6	14	3.8	1.2

Results of Geochemical Analysis

MOS	SAMPLE NO.	COORDINATE		LONGITUDE	TYPE	ASSAY RESULTS															
		LATITUDE	LONGITUDE			%A	PMNR	PMNB	PMY	PMU	PMTH	PPM-A	PPMGE	PPMND	PPMSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMVB	PPMU
4011	004146	652.236	9937.930	ALV	0.709	730	2410	615	110	2	38.0	790	1800	660	78.0	23.0	<50	5.7	7	6.7	1.0
4021	004156	650.872	9941.297	GNV	0.039	260	255	12	23	<1	3.0	33	70	34	4.8	2.4	<50	1.9	4	2.2	0.6
4031	004166	650.929	9941.229	MTB	0.032	190	142	15	21	<1	2.0	12	27	16	2.9	2.2	<50	1.6	4	1.8	0.7
4041	004176	651.104	9941.117	MTB	0.523	740	2460	590	210	48	230.0	560	1200	410	54.0	18.0	<50	6.4	9	24.0	2.8
4051	004186	651.088	9941.190	PHN	0.084	3210	2160	28	56	12	52.0	140	270	58	9.4	4.1	<50	1.9	3	4.4	0.7
4061	004196	651.213	9941.150	ALV	1.300	510	3660	26	185	3	54.0	540	1300	620	88.0	30.0	<50	8.9	10	15.0	1.9
4071	004206	651.268	9941.130	C88	0.134	1950	3000	65	105	5	20.0	480	1100	350	63.0	18.0	<50	5.2	2	5.0	0.9
4081	004216	651.379	9941.142	ALV	1.130	14890	10960	12	410	<3	190.0	12650	17700	1800	160.0	42.0	<300	11.0	15	21.0	3.8
4091	004226	651.433	9941.165	ALV	0.326	1220	2740	30	98	1	24.0	480	1000	300	52.0	16.0	<50	5.1	1	4.8	0.9
4101	004236	651.511	9941.176	ALV	0.223	2590	2520	34	73	<1	18.0	570	1100	320	52.0	15.0	<50	3.8	2	3.1	0.6
4111	004246	651.548	9941.156	SOV	0.088	1050	3770	17	51	1	10.0	280	550	150	27.0	9.0	<50	2.9	1	2.8	0.7
4121	004256	651.536	9941.102	ALV	2.52	5510	4050	70	1170	<4	950.0	1500	2200	870	420	140.0	<50	44.0	13	13.0	2.8
4131	004266	651.598	9941.168	SOV	0.112	680	6640	5	50	1	32.0	200	360	110	25.0	9.1	<50	2.4	1	3.2	0.6
4141	004276	651.613	9941.078	SOV	0.205	9110	7110	13	60	1	17.0	870	1200	260	38.0	11.0	<100	3.4	1	3.2	0.6
4151	004286	651.622	9940.988	SOV	0.285	10170	2410	17	81	2	19.0	150	170	59	9.9	4.0	<50	1.9	1	3.3	0.6
4161	004296	651.503	9940.759	C88	0.231	4440	833	83	53	2	22.0	200	3000	650	110.0	33.0	<100	14.0	5	18.0	2.8
4171	004306	651.254	9940.465	ALV	0.188	2670	3370	255	460	12	220.0	2000	3000	50	7.9	3.2	<100	1.6	<1	1.6	0.6
4181	004316	650.496	9940.400	PHN	0.047	1710	1515	470	48	12	42.0	130	220	50	7.9	3.2	<100	1.4	<1	1.3	0.6
4191	005116	649.480	9939.569	MTB	0.062	1710	885	395	40	6	31.0	93	170	42	6.1	3.2	<100	1.4	<1	1.4	0.6
4201	005226	649.595	9939.566	MTB	0.014	820	516	310	32	5	29.0	44	90	20	4.0	2.2	<100	1.3	<1	1.2	0.6
4211	005546	649.631	9939.517	MTDL	0.031	870	1035	280	31	3	33.0	210	320	82	13.0	4.6	<100	2.0	<1	3.4	0.6
4221	005556	649.661	9939.480	MTB	0.103	2390	4320	290	53	10	33.0	140	220	57	7.3	3.5	<100	1.8	<1	1.1	0.6
4231	005556	649.709	9939.436	MTB	0.064	1870	970	230	45	7	28.0	40	72	19	1.7	2.0	<100	0.9	<1	1.0	0.6
4241	005566	649.751	9939.412	MTB	0.029	820	559	310	34	7	28.0	40	72	19	1.7	2.0	<100	0.9	<1	1.0	0.6
4251	005576	650.277	9939.192	ALV	0.318	3220	808	130	100	2	17.0	97	150	55	9.3	4.1	<100	1.3	2	4.9	1.0
4261	005586	650.320	9939.192	ALV	0.233	3720	860	175	78	2	120.0	320	450	110	19.0	6.4	<100	3.2	2	9.3	1.4
4271	005596	650.350	9939.189	ALV	0.012	810	248	160	30	<1	8.0	14	16	6	2.8	1.9	<100	1.6	1	2.3	0.8
4281	005606	650.398	9939.180	ALV	0.022	1370	117	20	18	<1	2.0	7	8	11	1.8	1.2	<100	0.5	1	1.8	0.7
4291	005616	650.436	9939.173	ALV	0.718	6410	1030	655	340	15	250.0	1800	2600	530	76.0	24.0	<100	10.0	7	12.0	2.0
4301	005626	650.534	9939.145	C88	0.589	11610	4360	2100	140	46	66.0	590	1000	360	53.0	19.0	<50	6.2	2	17.9	1.0
4311	005636	650.562	9939.090	SOV	0.786	1990	6110	49	60	5	11.0	300	520	160	28.0	8.1	<50	3.2	2	3.4	0.8
4321	005646	650.591	9939.058	SOV	0.381	810	6980	7	43	<1	10.0	400	400	100	20.0	6.2	<50	2.6	1	2.8	0.7
4331	005656	650.649	9939.033	ALV	1.375	21500	3200	300	155	7	180.0	12850	16900	2000	200	37.0	<2000	4.4	7	4.4	1.6
4341	005666	650.709	9939.004	ALV	0.100	21200	1935	45	85	6	100.0	1000	2800	1000	85.0	18.0	<50	3.9	2	0.6	0.6
4351	005676	650.767	9938.923	ALV	0.072	510	1395	395	60	14	42.0	120	150	37	2.8	2.5	<100	1.2	<1	3.4	0.6
4361	005686	650.839	9938.841	MTB	0.072	9740	1620	310	340	9	40.0	4600	5700	20	1.2	2.2	<100	1.2	2	3.0	0.6
4371	005696	650.937	9938.802	MTB	0.266	9740	1620	310	340	9	40.0	4600	5700	900	100.0	27.0	<100	7.4	<1	82.0	1.4
4381	005706	651.133	9938.762	C8TF	0.193	4400	2650	825	210	12	150.0	1400	1900	670	100.0	23.0	<50	5.9	<6	15.0	1.7
4391	007016	651.029	9941.982	ALV	0.028	10630	945	1970	120	12	150.0	1400	1900	690	130.0	31.0	<50	6.3	<12	10.0	1.3
4401	007026	651.082	9941.953	ALV	0.135	2140	247	715	35	58	25.0	160	210	120	16.0	5.4	<50	0.8	<1	1.8	0.3
4411	007036	651.154	9941.898	ALV	0.239	880	3180	98	70	2	26.0	240	440	170	32.0	8.8	<50	1.9	4	4.5	0.5
4421	007046	651.290	9941.788	ALV	0.403	7070	2860	155	57	19	42.0	570	830	240	36.0	9.6	<50	1.5	<4	7.6	1.0
4431	007056	651.347	9941.782	ALV	0.291	780	2220	260	78	25	14.0	510	800	280	48.0	12.0	<50	2.7	<5	4.7	0.5
4441	007066	651.403	9941.734	ALV	0.660	1920	2530	11	83	<1	71.0	660	680	160	23.0	5.9	<50	2.1	<1	6.7	0.7
4451	007076	651.449	9941.667	SOV	0.541	850	5340	41	159	<1	6.0	340	340	120	23.0	6.1	<50	1.3	<9	3.4	0.5
4461	007086	651.499	9941.551	AGGL	0.822	13220	1625	46	135	30	<40.0	5330	5500	500	59.0	9.0	<200	3.5	<5	6.5	1.1
4471	007096	651.506	9941.473	ALV	0.550	940	2760	<5	69	<1	33.0	520	760	260	44.0	10.0	<50	2.2	<4	5.0	0.5
4481	007106	651.459	9941.430	ALV	1.075	13810	4350	615	165	<6	140.0	1300	2000	730	120.0	33.0	<100	8.8	<1	10.0	1.7
4491	007116	651.399	9941.443	ALV	0.195	5520	3540	415	150	<2	97.0	1400	2200	750	120.0	30.0	<50	7.1	<1	4.6	0.6
4501	007126	651.333	9941.457	PHN	0.076	2230	550	34	45	<1	17.0	83	130	22	9.3	2.9	<50	1.1	<1	5.6	0.6

Results of Geochemical Analysis

NOS	SAMPLE NO.	COORDINATE			ASSAY RESULTS																				
		ALTITUDE	LONGITUDE	DEPTH	%A	PM5R	PM5B	PM5C	PM5D	PM5E	PM5F	PM5G	PM5H	PM5I	PM5J	PM5K	PM5L	PM5M	PM5N	PM5O	PM5P	PM5Q	PM5R	PM5S	PM5T
451	1007136	651.245	9941.488	PHN	0.031	750	242	48	71	24	5.8	2.4	<50	<0.1	2.3	0.3									
452	1007146	651.133	9941.532	PHN	0.023	440	146	4	10	<5	2.2	1.1	<100	0.2	1.8	0.3									
453	1007156	651.341	9936.491	FCB	0.007	770	257	94	150	39	7.0	2.1	<350	0.9	2.5	0.2									
454	1007166	651.355	9936.571	MTVB	0.019	720	549	60	110	20	4.4	1.6	<150	0.4	2.3	0.2									
455	1007176	649.740	9936.952	MTVB	0.019	510	472	48	72	10	2.7	0.5	<150	0.1	1.5	0.2									
456	1007186	648.011	9940.195	MTVB	0.011	590	376	32	62	17	3.3	1.3	<100	0.5	2.3	0.2									
457	1007196	648.971	9940.163	MTVB	0.025	670	522	39	78	16	4.0	1.9	<100	<0.1	2.3	0.2									
458	1007206	649.397	9941.211	FCB	0.011	590	527	29	60	26	3.0	2.1	<100	0.4	2.8	0.2									
459	1007216	649.453	9941.266	MTVB	0.035	650	1705	41	100	29	4.6	1.2	<100	0.4	1.6	0.2									
460	1007226	649.811	9942.467	FCB	0.011	560	2930	22	37	12	1.8	1.1	150	<0.1	2.2	0.1									
461	1007236	649.924	9942.727	MTVB	0.015	380	336	23	38	12	2.2	1.0	<100	0.7	1.9	0.2									
462	1007246	649.218	9943.134	MTVB	0.014	500	701	33	61	20	2.3	1.1	<100	0.7	2.0	0.1									
463	1007256	649.157	9943.151	FCB	0.043	1020	850	140	230	65	9.5	3.4	<250	0.1	2.7	0.2									
464	1007266	649.422	9943.106	MTVB	0.025	450	360	29	55	6	2.5	0.8	100	<0.1	2.0	0.2									
465	1007276	649.438	9943.178	MTVB	0.038	540	471	48	87	14	4.3	2.2	<150	0.9	2.0	0.2									
466	1007286	653.914	9937.253	MTVB	0.014	750	778	50	88	24	3.9	1.2	<150	0.2	2.1	0.3									
467	1007296	653.569	9936.893	FCB	0.025	900	669	77	140	38	4.9	2.2	<100	0.6	2.1	0.2									
468	1007306	653.496	9936.791	FCB	0.016	630	549	84	140	50	4.9	1.8	100	0.6	2.1	0.2									
469	1007316	653.235	9937.342	PHN	0.049	710	1175	45	94	38	4.1	2.0	<100	1.0	2.4	0.2									
470	1008016			ALV	0.387	3500	2280	550	1800	350	67.0	16.0	<50	7.0	0.3	1.0									
471	1008026			ALV	0.529	3540	1745	86	2100	480	96.0	26.0	90	6.9	7.2	0.4									
472	1008036			ALV	1.770	5990	2540	185	2600	470	100.0	38.0	480	10.0	5.6	2.2									
473	1008046			ALV	0.226	3400	513	105	940	170	41.0	11.0	450	4.3	<0.4	0.7									
474	1008056			ALV	0.315	2360	3810	98	2000	350	65.0	15.0	<50	5.1	6.4	0.4									
475	1008066			ALV	0.371	2390	1535	200	400	230	66.0	20.0	170	12.0	6.4	1.4									
476	1008076			ALV	0.589	13730	769	220	3900	950	180.0	49.0	170	11.0	8	2.0									
477	1008086			ALV	0.075	2660	2080	105	1700	300	77.0	14.0	<50	5.6	5.2	1.1									
478	1008096			ALV	0.933	5500	2230	290	2500	520	130.0	38.0	<150	10.0	14.0	2.7									
479	1008106			ALV	0.360	3400	1920	290	1400	290	110.0	33.0	380	23.0	10.0	1.1									
480	1008116			SOV	1.340	1460	4150	100	380	200	47.0	11.0	<50	3.4	4.4	0.7									
481	1008126			SOV	0.313	1120	5960	96	780	140	33.0	9.2	240	6.2	5.6	0.7									
482	1008136			ALV	1.360	8110	1965	76	2900	350	110.0	23.0	170	9.4	21.0	1.9									
483	1008146			CLT	0.387	4590	1080	420	1700	130	22.0	6.2	580	2.0	2.3	0.7									
484	1008156			ALV	0.319	2560	2100	64	1700	310	79.0	26.0	340	6.2	7.0	1.3									
485	1008166			ALV	0.180	2840	1900	155	960	420	76.0	22.0	<50	2.9	4.9	0.6									
486	1008176			ALV	0.264	5140	1085	90	1300	250	86.0	11.0	50	7.1	4.9	0.4									
487	1008186			ALV	0.190	1740	3830	160	790	360	31.0	7.9	120	5.8	12.0	3.0									
488	1008196			ALV	0.243	4870	499	115	520	240	40.0	7.5	130	6.9	4.9	0.2									
489	1008206			ALV	0.537	13280	893	89	2000	390	99.0	26.0	130	20.0	15.0	2.8									
490	1008216			ALV	1.055	3710	2020	250	2000	500	130.0	40.0	<50	15.0	17.0	0.6									
491	1008226			SOV	0.222	3900	2200	130	1200	460	78.0	14.0	<50	9.0	11.0	0.7									
492	1008236			ALV	0.061	2900	516	92	420	340	49.0	12.0	<50	5.2	8.6	1.4									
493	1008246			ALV	0.076	16970	501	200	550	380	81.0	34.0	<50	3.5	5.0	0.8									
494	1008256			ALV	0.505	1890	1445	105	840	660	98.0	30.0	140	5.4	3.6	0.4									
495	1008266			ALV	0.686	3180	1705	180	1600	660	88.0	30.0	200	9.3	10.0	1.2									
496	1008276			ALV	1.000	8090	1785	260	810	430	71.0	19.0	200	9.3	8.9	1.6									
497	1008286			ALV	0.390	2920	12590	78	1500	680	110.0	34.0	86	19.0	14.0	0.8									
498	1008296			ALV	0.666	11770	1215	46	740	381	20.0	6.8	<50	3.0	1.9	0.2									
499	1008306			ALV	1.010	5770	1325	800	4300	189	240	75.0	300	34.0	22.0	3.8									
500	1008316			ALV				310	1500	370	93.0	29.0	50	11.0	14.0	2.6									

Results of Geochemical Analysis

NOS.	SAMPLE NO.	COORDINATE LATITUDE LONGITUDE	TYPE	ASSAY RESULTS															
				P	%BA	PPMER	PPMAB	PPMV	PPMU	PPMTH	PPMA	PPMCE	PPMND	PPMSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMYS
5011	008326		ALV	0.051	3400	331	240	67	<2	290.0	1200	1700	330	67.0	<50	4.8	<1	0.7	0.3
5021	008336		ALV	0.064	2230	1725	1075	105	7	100.0	850	1900	690	96.0	<50	6.7	<5	4.6	0.1
5031	008346		ALV	0.236	5320	2030	130	170	<1	120.0	600	1400	420	83.0	<50	9.5	<1	6.8	0.8
5041	008356		ALV	0.766	13370	1650	1250	520	<2	450.0	1400	2900	360	150.0	50	19.0	<2	19.0	1.6
5051	008366		ALV	0.169	5660	2260	1300	125	5	73.0	550	1300	310	85.0	<50	6.0	<2	5.7	0.7
5061	008376		ALV	0.306	4280	2380	96	165	6	120.0	690	1500	410	100.0	<50	5.4	<2	5.2	0.2
5071	008386		SOV	0.261	1160	4690	65	81	<2	56.0	280	570	130	37.0	<50	1.2	3	5.7	1.1
5081	008396		SOV	0.727	1250	4230	140	100	3	82.0	240	520	110	40.0	<50	6.8	3	5.5	0.7
5091	008406		SOV	0.198	1200	3820	84	38	3	99.0	240	480	100	39.0	<50	1.9	1	4.0	0.7
5101	008416		ALV	0.115	1110	3290	225	73	<1	56.0	260	490	110	32.0	<50	2.2	3	4.8	0.8
5111	008426		SOV	0.318	3210	1285	390	490	27	360.0	910	2100	350	150.0	<50	18.0	7	15.0	1.0
5121	008436		ALV	0.365	16550	3580	2100	44	6	58.0	190	390	100	26.0	<50	2.4	6	1.1	0.4
5131	008446		SOV	0.120	2460	1855	540	175	22	120.0	740	1600	390	100.0	100	9.2	7	5.5	<0.1
5141	008456		SOV	0.274	2770	5650	41	95	1	72.0	310	690	160	53.0	<50	5.9	2	6.1	0.8
5151	008466		ALV	0.102	18340	764	310	185	26	220.0	3000	4600	1000	170.0	680	11.0	10	1.1	<0.1
5161	008476		ALV	1.820	1910	2700	5700	120	<2	120.0	550	1100	350	81.0	64	6.4	<1	5.8	1.5
5171	008486		SOV	1.345	2100	3210	390	84	17	100.0	270	560	170	41.0	<50	3.3	2	4.2	<0.1
5181	008496		ALV	0.181	2300	1315	1340	190	6	180.0	570	950	380	100.0	<50	9.5	3	9.7	0.8
5191	008506		SOV	0.595	610	4050	450	87	19	130.0	250	550	130	31.0	<50	3.3	2	5.3	0.7
5201	008516		ALV	0.829	5280	1850	2250	190	<2	75.0	610	1200	440	100.0	58	7.7	<2	5.5	0.8
5211	008526		ALV	0.139	5390	1900	345	145	5	180.0	650	1200	340	86.0	<50	8.9	6	7.1	1.1
5221	008536		ALV	0.662	9340	1900	105	300	<1	130.0	1000	2000	640	140.0	<50	9.3	<1	9.7	1.0
5231	008546		SOV	0.173	7030	808	1100	140	<2	70.0	510	990	340	87.0	<50	8.7	4	7.3	1.0
5241	008556		ALV	0.548	5000	1575	560	160	<2	8.0	800	1600	510	110.0	<50	12.0	<2	5.0	0.4
5251	008566		ALV	0.678	5540	1985	3700	210	<2	340.0	670	1500	390	94.0	<50	2.3	<4	11.0	0.6
5261	008576		ALV	0.495	4210	1960	185	160	4	11.0	830	1700	510	110.0	<50	5.8	<2	5.9	0.3
5271	008586		ALV	0.613	4280	2360	33	170	<2	60.0	650	1300	400	85.0	<50	3.2	<1	7.3	0.8
5281	008596		ALV	0.214	5030	1835	175	78	2	180.0	560	1200	390	79.0	<50	6.5	<1	<0.4	0.2
5291	008606		CLT	0.219	1230	449	380	140	<1	110.0	350	590	240	75.0	<50	6.7	<2	2.4	0.5
5301	008616		ALV	0.151	2920	1905	365	90	6	43.0	350	720	340	59.0	<120	4.8	6	5.3	0.6
5311	008626		ALV	0.892	4950	2280	215	230	5	99.0	580	1100	500	88.0	<50	9.0	6	7.3	1.0
5321	008636		ALV	0.396	5770	2110	91	185	7	110.0	780	1500	650	100.0	<100	8.4	6	7.8	0.9
5331	008646		ALV	1.625	17490	1680	750	550	4	520.0	1100	2000	820	150.0	110	27.0	30	24.0	3.1
5341	008656		ALV	0.738	5580	983	230	730	5	640.0	1000	2000	900	170.0	320	24.0	28	24.0	3.0
5351	008666		ALV	0.210	3950	1880	805	145	6	140.0	850	1400	640	120.0	<50	7.9	3	4.5	0.6
5361	008676		ALV	0.231	2780	1415	20	42	<2	38.0	2000	2200	470	47.0	<50	2.7	<1	<0.2	0.2
5371	008686		ALV	0.533	8320	1660	680	250	16	170.0	1100	2100	900	120.0	<50	13.0	<2	9.9	1.1
5381	008696		ALV	0.086	6820	2480	1000	100	2	66.0	890	1720	710	120.0	<100	6.2	<5	3.2	0.6
5391	008706		SOV	0.214	2290	3660	120	88	5	90.0	560	960	360	54.0	<50	4.2	<5	4.6	0.6
5401	008716		SOV	1.005	1380	1950	34	230	4	87.0	1500	2200	660	94.0	<50	8.9	<2	13.0	1.7
5411	008726		ALV	1.555	9820	1845	940	400	<2	460.0	1100	2200	1200	210	170	21.0	36	14.0	1.9
5421	008736		ALV	0.198	9330	727	325	250	<2	340.0	1200	1800	1200	250	99	16.0	<2	8.1	0.9
5431	008746		ALV	2.09	12990	8720	830	230	<2	470.0	980	1800	780	150.0	<50	14.0	22	10.0	2.1
5441	008756		ALV	0.215	4080	2750	690	210	<1	150.0	640	1300	520	110.0	<50	12.0	<5	6.7	0.9
5451	008766		CLT	0.278	2060	531	385	85	2	56.0	300	450	180	22.0	<100	2.0	2	5.4	0.8
5461	008776		ALV	0.468	16960	1725	405	430	28	230.0	4260	6300	300	170.0	<120	24.0	17	15.0	1.8
5471	008786		CLT	0.197	1860	507	280	87	3	41.0	250	460	160	21.0	<50	3.6	2	4.7	0.6
5481	008796		CLT	0.293	3090	898	355	97	7	41.0	350	500	190	21.0	<50	1.1	2	6.4	0.1
5491	008806		ALV	2.22	17390	3210	245	1700	<20	1200.0	14720	20800	1000	370	170.0	100.0	22	48.0	3.0
5501	008816		ALV	1.145	10280	1825	575	260	2	340.0	1100	1900	810	100.0	85	12.0	6	10.0	1.0

Results of Geochemical Analysis

NOS.	SAMPLE NO.	COORDINATE		LONGITUDE	TYPE	ASSAY RESULTS																	
		LATITUDE	P			%BA	PPMSR	PPMNB	PPMVB	PPMVA	PPMTH	PPMA	PPMCE	PPMND	PPMSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMYB	PPMU		
5511	008826				ALV	0.550	16800	820	875	410	<2	540.0	2300	3700	390	220	66.0	<100	16.0	27	13.0	2.1	
5521	008836				ALV	0.071	7850	1610	575	115	<2	110.0	1000	1800	920	95.0	23.0	<50	5.3	<5	4.2	0.4	
5531	008846				SOV	0.163	2890	2600	495	120	8	110.0	650	1200	430	62.0	22.0	<50	5.0	7	5.4	0.5	
5541	008856				ALV	0.071	3400	911	290	140	<1	77.0	430	770	420	62.0	16.0	<50	5.0	4	5.3	0.7	
5551	008866				ALV	1.045	10640	1160	8200	160	48	240.0	1400	2600	370	120.0	34.0	<50	5.0	8	4.2	1.6	
5561	008876				SOV	0.826	16510	1150	190	220	16	460.0	2300	4500	490	180.0	27.0	<50	14.0	9	7.0	0.3	
5571	008886				SOV	1.370	3150	3920	1250	100	67	180.0	410	1000	460	65.0	31.0	<150	5.3	16	4.1	0.1	
5581	008896				ALV	0.070	1360	4180	74	83	<1	47.0	250	500	200	34.0	9.6	<50	2.8	3	4.7	0.7	
5591	008906				ALV	0.640	17930	1770	215	330	<1	240.0	1100	2900	1100	120.0	29.0	<50	14.0	<2	15.0	1.8	
560	99562	664.949	9958.624	CB8		0.102	5310	965	485	130	8	101.0	284	336	129	17.7	7.3	<100	3.9	7	7.8	1.0	
561	99563	665.173	9958.492	FCB		0.347	12090	1465	225	155	<1	99.0	193	310	168	34.3	12.1	<50	4.6	4	7.5	1.0	
562	99564	665.275	9958.465	MTBT		0.091	2200	159	25	45	<2	19.0	32	56	29	5.9	2.1	<100	1.6	3	2.5	0.5	
563	99565	665.393	9958.391	CB8		0.108	17730	1375	35	180	<8	490.0	8130	12200	1800	100.0	24.0	<200	3.8	14	5.9	1.1	
564	99566	665.420	9958.326	ORE		0.403	14820	1455	675	130	<1	81.0	1425	2080	703	86.7	21.4	<50	5.5	13	5.8	0.7	
565	99567	665.646	9958.403	FCB		0.290	6410	2920	360	75	<1	21.0	650	1015	409	60.3	15.2	<50	3.7	7	2.4	0.4	
566	99568	665.609	9958.270	FCB		0.612	4620	3010	500	115	<1	22.0	360	663	354	62.0	17.0	<50	4.9	10	3.8	0.6	
567	99569	665.517	9958.130	ALV		0.110	11250	2010	20	130	<2	162.0	1320	1995	694	87.4	24.6	<100	5.7	<6	2.5	0.8	
568	99570	665.654	9958.182	CB8		0.119	10310	2390	20	150	<1	190.0	16100	10720	2000	72.0	38.8	<200	5.6	14	<3.0	3.1	
569	99571	665.648	9958.089	FCB		0.045	12250	3250	490	165	<3	57.0	1605	2580	1090	155.0	38.0	<100	8.5	13	5.5	0.7	
570	99572	665.878	9957.947	ALV		0.246	4250	1520	510	95	<1	33.0	632	1085	529	80.2	19.1	<50	4.5	8	3.1	0.5	
571	99573	665.976	9957.947	ALV		0.207	3970	2580	1100	65	<4	18.0	544	361	354	49.7	12.4	<50	3.7	6	0.9	0.3	
572	99574	666.045	9957.793	ALV		0.112	1410	231	65	120	<1	90.0	150	175	109	22.3	6.6	<100	3.2	8	7.7	1.2	
573	99575	666.291	9957.532	MTBT		0.257	5370	894	5000	160	<1	59.0	904	667	412	59.4	17.7	<100	4.2	6	5.1	0.8	
574	99576	666.352	9957.410	ORE		0.009	190	51	20	<5	<1	2.0	27	53	20	2.2	0.4	<50	0.3	<1	<0.1	<0.1	
575	99577	666.444	9957.509	ORE		0.274	8750	3410	430	80	<1	33.0	333	461	142	22.8	8.0	<50	3.0	<2	4.5	0.8	
576	99578	666.544	9957.531	ALV		0.177	3530	1615	1400	135	<4	88.0	1365	2510	850	111.5	29.6	<50	7.6	<2	2.7	0.6	
577	99579	666.544	9957.741	FCB		0.076	2880	575	130	65	4	22.0	127	774	63	11.0	3.1	<200	1.8	<1	3.8	0.6	
578	99580	666.581	9957.781	ALV		0.122	5010	2600	650	110	<4	65.0	511	922	353	64.6	19.9	<50	5.6	3	9.0	1.1	
579	99581	666.584	9957.911	ALV		0.154	820	1720	760	93	<2	5.0	318	579	232	35.7	11.8	<100	2.9	3	2.6	0.7	
580	99582	666.517	9957.967	ALV		0.735	14540	1685	345	910	<2	22.0	741	1505	692	43.0	11.8	<50	2.9	<1	1.1	0.2	
581	99583	666.256	9958.089	ALV		0.091	4700	1945	610	94	<1	22.0	54	93	484	75.3	20.4	<50	4.7	<5	0.9	0.4	
582	99584	666.311	9958.241	FCB		0.115	500	138	10	44	<2	6.0	28	55	23	6.2	1.8	<150	1.2	2	3.9	0.7	
583	99585	665.559	9959.553	MTVL		0.028	790	102	20	58	<2	6.0	28	55	23	6.2	1.8	<150	1.2	2	2.8	0.5	
584	99586	665.655	9959.444	MTVL		0.115	500	138	10	44	<1	9.0	48	89	39	8.9	2.1	<100	0.8	2	3.8	0.6	
585	99587	665.736	9959.368	MTVL		0.032	640	115	28	58	<2	5.0	26	56	20	6.0	1.7	<100	1.0	2	2.9	0.5	
586	99588	665.820	9959.314	MTVL		0.119	470	122	12	46	<1	4.0	31	60	26	5.9	1.4	<100	0.8	<1	2.9	0.5	
587	99589	666.015	9959.324	MTVL		0.107	680	167	13	40	<1	9.0	28	41	<5	5.0	<15.0	<100	<9.0	<1	<2.0	<0.1	
588	99590	666.158	9959.293	MTVL		0.044	20600	5840	400	230	<1	612.0	3390	5930	74	71.5	<15.0	<200	<14.0	<6	<4.0	<0.1	
589	99591	666.201	9959.300	FCB		0.062	780	575	23	33	<1	10.0	21	36	<13	3.2	1.1	<150	0.6	<1	1.6	0.3	
590	99592	666.238	9959.240	FCB		0.036	13930	1105	430	185	<2	228.0	2800	3600	962	83.4	25.9	<100	6.2	6	7.6	0.5	
591	99593	666.311	9959.211	FCB		0.046	23900	637	30	115	<3	101.0	129	310	376	72.7	17.6	<50	4.4	2	10.9	1.0	
592	99594	666.460	9959.216	ALV		3.17	4940	5310	885	370	89	116.0	464	867	398	57.7	25.1	<50	9.7	14	33.0	3.2	
593	99595	666.536	9959.311	ALV		0.332	10100	1780	1800	140	61	148.0	512	995	411	61.4	22.1	<50	6.0	3	12.5	0.9	
594	99596	666.594	9959.396	MTVB		0.138	11650	1350	950	320	12	113.0	663	1110	352	43.3	14.8	<100	5.9	5	29.1	3.1	
595	99597	666.566	9959.547	ALV		0.018	5770	2430	1025	140	10	165.0	476	918	366	44.3	16.2	<50	4.7	6	17.9	1.4	
596	99598	666.570	9959.709	FCB		0.043	5490	6100	48	115	<9	57.0	1015	1965	766	74.8	19.5	<100	3.6	<3	9.4	0.8	
597	99599	666.531	9959.814	FCB		0.019	4540	1355	1420	340	3	290.0	914	1745	715	97.2	35.8	<100	11.8	8	28.3	1.9	
598	99600	666.258	9959.826	MTVB		0.039	900	233	26	60	<1	15.0	67	140	46	9.3	2.3	<100	1.8	<1	6.2	0.7	
599	99601	665.891	9959.970	CB8		0.577	3930	698	510	210	<3	126.0	59	64	32	6.9	3.6	<50	2.8	7	27.6	3.0	
600	99602																						

Results of Geochemical Analysis

NOS.	SAMPLE NO.	COORD INATE		LONGITUDE	LATITUDE	P	%BA	PPMSR	PPMR	PPMY	PPMU	PPMTH	PPMI	PPMA	PPMCE	PPMND	PPMSM	PPMEU	PPMGD	PPMTB	PPMTM	PPMYB	PPMU	PPMU
		LONGITUDE	LATITUDE																					
601	99603	666.437	9958.820	MTVL	0.043	12100	1205	1100	280	<2	264.0	263	428	165	32.2	12.7	<50	6.5	6	25.2	1.6			
602	99604	666.530	9958.761	MTVB	0.026	3880	448	170	60	<1	19.0	116	214	95	12.6	2.8	<50	0.9	<1	5.1	0.7			
603	99605	666.592	9958.769	MTVB	0.058	18460	1130	330	560	<4	367.0	144	878	1100	136.0	40.8	<50	14.1	12	<57.0	10.2			
604	99606	666.590	9958.821	MTVB	0.056	17940	1290	485	280	<4	1178.0	318	1325	890	117.5	32.6	<50	7.2	9	11.9	1.4			
605	99607	666.718	9958.815	ALV	0.972	2570	2520	330	62	7	52.0	331	563	234	28.4	9.4	<50	2.4	1	3.0	0.4			
606	99608	666.710	9958.965	ALV	1.075	16170	2970	1600	500	<1	249.0	808	1650	825	103.0	41.6	<50	15.2	10	16.1	2.5			
607	99609	666.763	9959.054	ALV	1.075	8590	2400	1900	240	2	123.0	548	1155	625	75.5	28.6	<50	9.2	6	9.8	1.3			
608	99610	666.736	9959.164	CB	0.056	7840	903	430	57	1	62.0	870	1200	319	26.9	8.8	<100	2.3	2	1.4	0.3			
609	99611	666.895	9959.094	CB	0.034	13520	2340	48	175	<2	67.0	807	1640	561	41.2	13.6	<50	3.7	1	14.5	1.9			
610	99612	666.984	9959.178	CB	0.041	28500	1565	130	190	<4	1050.0	83	784	998	91.6	30.6	<100	1.0	<1	1.2	0.2			
611	99613	666.975	9958.954	PHN	0.044	4770	1940	895	39	7	44.0	170	236	76	6.5	3.1	<100	1.1	<1	1.1	0.2			
612	99614	666.849	9958.896	PHN	0.056	3250	1840	750	48	16	66.0	122	183	85	5.4	3.1	<50	1.1	<1	1.1	0.2			
613	99615	666.849	9958.705	CB	0.551	16780	1850	595	99	24	41.0	126	204	82	3.7	2.8	<50	1.0	2	3.3	0.8			
614	99616	666.796	9958.537	MTBT	0.154	4920	1460	735	99	4	174.0	986	1715	606	63.9	21.4	<50	5.2	<1	1.1	0.1			
615	99617	666.803	9958.359	CB	0.257	7160	2350	970	120	2	146.0	1245	1925	597	67.1	22.1	<50	5.2	3	1.1	0.1			
616	99618	666.757	9958.239	ALV	0.156	16260	3130	675	140	<5	50.0	3600	5400	1225	100.0	32.2	<100	8.1	4	<1.0	2.1			
617	99619	666.534	9958.213	ALV	0.931	3810	4960	78	105	<1	16.0	216	362	125	20.2	7.1	<50	2.7	2	3.5	1.2			
618	99620	665.132	9956.563	ALV	0.147	4970	3650	420	105	<4	18.0	899	1525	642	77.9	24.4	<50	6.0	2	2.1	0.3			
619	99621	665.152	9956.587	ALV	0.297	2260	3530	27	58	<1	9.0	271	538	248	33.0	10.2	<50	2.9	<1	2.1	0.2			
620	99622	665.228	9956.578	ALV	0.249	6470	1990	950	83	<3	30.0	589	1225	529	68.8	21.4	<50	4.9	3	3.2	0.3			
621	99623	665.280	9956.619	ALV	0.771	4220	2500	190	96	<3	35.0	595	1050	428	54.9	17.0	<50	4.4	3	4.6	0.3			
622	99624	665.364	9956.717	ALV	0.057	13800	1130	470	250	<2	64.0	996	2040	1005	103.5	31.8	<50	10.9	3	10.8	1.2			
623	99625	665.400	9956.865	MTBT	0.096	13070	2570	82	130	<3	13.0	1075	2130	1055	114.5	31.3	<50	7.8	2	3.6	0.4			
624	99626	665.434	9957.077	CB	1.020	14290	1815	255	155	<2	145.0	1785	<1	704	57.6	17.3	<50	5.2	5	11.0	0.8			
625	99627	665.408	9957.301	ALV	0.410	16070	1920	93	76	<6	40.0	4660	7000	1100	48.0	11.6	<50	2.3	2	<3.0	2.1			
626	99628	665.470	9957.248	CB	0.141	6980	4440	33	80	<1	24.0	1150	1170	225	16.8	5.4	<50	1.6	<1	5.7	0.7			
627	99629	665.520	9957.209	CB	0.108	2240	1135	395	49	4	7.0	224	429	203	22.1	6.0	<50	1.6	<1	1.8	0.2			
628	99630	665.561	9957.145	CB	0.435	15400	2750	380	140	<3	40.0	3000	4500	1200	106.5	30.7	<50	6.7	2	7.3	0.3			
629	99631	665.609	9957.017	CB	1.200	12090	5950	99	95	<2	62.0	1050	1830	656	65.3	17.7	<50	4.1	2	6.1	0.6			
630	99632	665.714	9957.152	MTBT	1.380	20400	4370	7	145	<47	120.0	4730	7100	1300	77.0	23.2	<50	4.9	4	<2.0	2.4			
631	99633	665.836	9957.167	ALV	0.114	2740	771	185	46	20	14.0	112	<1	62	3.2	1.8	<50	1.0	1	2.2	0.5			
632	99634	665.935	9957.201	ALV	0.544	2270	2560	825	110	18	32.0	489	888	340	33.8	11.7	<50	3.8	3	6.9	0.8			
633	99635	665.619	9956.933	ALV	0.211	7560	1855	49	115	<3	33.0	1870	3640	1550	155.5	39.1	<50	7.9	2	4.4	0.3			
634	99636	665.641	9956.849	ALV	0.685	1940	2500	95	39	7	18.0	282	480	246	25.9	8.2	<50	2.0	<1	2.0	0.2			
635	99637	665.654	9956.751	ALV	0.137	18610	2130	3500	77	45	29.0	682	1360	599	54.7	16.7	<50	4.1	<1	4.3	0.4			
636	99638	665.711	9956.615	ALV	0.399	980	2780	145	105	<1	24.0	458	891	423	56.0	17.3	<50	4.6	<1	4.9	0.5			
637	99639	665.291	9956.175	ALV	0.583	5590	1960	68	61	13	9.0	324	400	125	12.9	4.9	<50	2.0	<1	3.2	0.4			
638	99640	665.159	9956.120	MTBT	0.091	3590	310	345	46	6	29.0	104	209	73	6.4	2.0	<50	0.4	3	5.9	0.4			
640	99642	664.902	9955.844	ALV	0.511	3600	4330	195	63	17	76.0	345	514	137	7.4	3.0	<50	1.5	3	9.3	0.7			
641	99643	668.181	9952.993	CB	0.055	820	457	320	71	6	45.0	143	308	160	20.0	6.1	<50	2.0	1	8.7	0.6			
642	99644	668.187	9952.954	ALV	0.347	600	2850	440	42	18	35.0	199	398	164	13.9	4.3	<50	1.7	5	9.1	0.6			
643	99645	668.185	9952.866	ALV	0.340	1120	658	53	53	34	39.0	154	304	147	14.9	5.5	<50	1.9	3	9.8	0.6			
644	99646	668.185	9952.799	ALV	1.300	2170	4060	325	135	13	54.0	315	521	291	22.1	11.7	<50	4.9	11	21.3	1.2			
645	99647	668.192	9952.671	ALV	1.340	4790	2250	120	95	13	37.0	199	366	188	21.6	6.7	<50	3.0	12	10.4	0.2			
646	99648	668.130	9952.493	ALV	0.880	4120	2460	120	37	6	37.0	179	336	182	9.9	3.3	<50	2.7	6	4.6	0.2			
647	99649	668.254	9951.705	SS	0.322	1270	902	105	52	1	30.0	101	212	96	10.2	3.2	<50	1.5	4	7.4	0.6			
648	99650	668.493	9951.345	LPTF	0.213	3510	710	150	32	5	24.0	101	212	96	10.2	3.2	<50	2.1	3	4.8	0.6			
649	99651	668.521	9951.440	ALV	0.074	2480	1200	385	35	14	38.0	332	725	340	31.0	8.5	<50	2.3	5	5.8	0.4			
650	99652	667.986	9951.690	SS	0.041	780	151	13	56	3	10.0	23	59	38	5.3	1.0	<50	1.2	4	6.4	0.6			