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SAMPLE AND ANALYTICAL LOG OF CERTAIN LANDS WITHIN THE PROPOSED LAKE CLARK NATIONAL PARK

APPENDIX 1

Data collected in the 1973 field season
(Samples lettered "C" on the plates)

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ABBREVIATIONS USED IN SAMPLE AND ANALYTICAL LOGS AND ON CORRESPONDING PLATES

Sample numbers and letters

C before the number denotes sample taken in 1973 field season

A before the number denotes sample taken in 1974 field season by the Reconnaissance crew

B before the number denotes sample taken in 1974 field season by the Mapping Crew

D before the number denotes sample taken in 1975 field season

S after the number denotes stream sediment sample

D after the number denotes soil (dirt) sample

R after the number denotes rock sample

Area

Il	Iliamna	LH	Lime Hills
KE	Kenai	SE	Seldovia
LC	Lake Clark	TY	Tyonek

Remarks

alvl - alluvial
av str dpth - average stream depth
clvl - colluvial
dpth - depth
fng - fine grained
fs - feldspar
glcl - glacial
grvl - gravel
hor - horizon
jting - jointing
med - medium
moist - moisture
org - organics
phenos - phenocrysts
rsdl - residual
str situs - stream situs
str wdth - stream width
vnlt - veinlet
wth - weathered, weathering

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0281R	ID1	27	0.5	6.0	5	30	Au 0	Strong pyrite as specks in silicified siltstone-chert; stron iron stain in outcrop
0282S	ID1	29	0.5	1.0	10	120		Outcrop & talus of volcanic breccia, tuffs of red and brown
0330S	KC7	45	0.5	3.0	10	110		SW:20; O:L; float is graywacke, siltstone, silicified volcanics (?) w/disseminated pyrite; quartz monzonite porphyry; rust stain caused by pyrite
0331S	KC7	21	0.5	1.0	5	60		SW:05; O:M; dry gulch; float same as previous sample
0332S	KC7	20	0.5	1.0	10	150		SW:15; O:L; quartz monzonite porphyry; graywacke; hornfels
0333S ?	KC7	23	0.5	1.0	15	145		SW:10; O:L; quartz monzonite; graywacke
0401S	ID1	60	1.0	3.0	10	140		SW:03; CL:B; M:W; S:1; O:M; rocky soil; shale on N side of creek
0402S	ID1	46	0.5	2.0	10	140		SW:03; CL:B; M:W; S:1; O:M; rocky soil; rock sample from metasediments
0403S	ID1	33	0.5	2.0	5	75		SW:04; CL:B; M:W; S:1; O:L; rocky soil
0404S	ID1	40	0.5	1.0	5	85		SW:04; CL:B; M:W; S:2; O:L; rocky soil; chert, greenstone granite and some sandstone
0431S	ID1	45	0.5	0	5	100		SW:06; S:3; O:L; main creek runs along granodiorite/quartz-monzonite contact
0432S	ID1	43	1.0	6.0	5	65		SW:04; S:3; epidote; chlorite; granodiorite & diorite
0433S	KC7	31	1.0	2.0	10	135		SW:05; S:3; O:L; float is unaltered volcanics and granodiorite
0434S	KC7	27	0.5	2.0	15	135		SW:03; S:3; O:L

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0435S	KC7	43	1.5	2.0	15	165		SW:03; S:2; o:L; bedrock is volcanics; unaltered volcanics & sediments; minor granodiorite
0436S	KC7	28	0.5	1.0	5	90		SW:03; S:3; O:L; float of granodiorite; granite porphyry; no sulfides
0437S	KC7	33	0	1.0	15	50		SW:04; bedrock is granodiorite
0438S	KC7	18	0.5	0	5	75		SW:08; S:1; O:L
0439S	KC7	60	0.5	1.0	5	115		S:2; O:L; granodiorite is bedrock; below contact pyritic greenstone; dry stream
0446S	KC7	32	0.5	3.0	5	80		SW:05; O:M; fine-grained diorite; quartz monzonite porphyry
0447S	KC7	26	0.5	1.0	10	90		SW:10; O:L; quartz monzonite & quartz diorite; few epidote veinlets; no sulfides
0448S	KC7	31	1.5	0	10	125		SW:04; O:L; volcanics; andesite & agglomerate
0475S	ID1	30	0.5	1.0	15	100		SW:02; S;1; O:H; steep grade; highly organic; calcareous argillite; no iron staining in valley or sediments
0476S	ID1	40	0.5	0	5	80		SW:20; M:W; S:3; O:L; andesite agglomerate; tuffs; dacite porphyry; pelitic metasediments
0477S	ID1	41	0.5	0	5	75		SW:15; M:W; S:3; O:L; iron-stained volcanics; same remarks as above
0478S	ID1	80	2.0	0	15	300		SW:25; M:W; S:3; O:L; heavy iron-staining; lava flows above; malachite; diorite
0479S	ID1	40	1.5	0	15	145		SW:05; M:W; S:3; O:M; pelitic metasediments; some volcanics
0480S	ID1	45	1.5	0	10	110		SW:25; M:W; S:3; O:L; iron staining in river diorite
0481S	ID1	44	0.5	2.0	10	95		SW:30; M:W; S:3; o:L; iron staining; basalt; andesite, agglomerate - 50%;

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0511S	ID1	35	1.0	2.0	5	70		SW:01; diorite, monzonite, some volcanics; basalt
0512S	ID1	48	1.0	2.0	10	90		SW:02; O:L; quartz monzonite; diorite
0513S	ID1	54	0.5	1.0	10	80		SW:03; O:L; quartz monzonite; diorite fre and altered; some volcanics
0514S	ID1	56	0.5	1.0	10	115		SW:06; O:L; quartz monzonite; diorite fresh and altered; some volcanics
0515S	ID1	60	0.5	1.0	5	95		SW:05; fresh diorite & quartz monzonite; altered & disseminated chlorite; epidote; some serpentine along slick zones; quartz porphyry
0516S	ID1	48	0.5	9.0	5	40		SW:02; O:H; diorite float
0517S	ID2	59	0.5	1.0	5	70		SW:06; O:L; fresh diorite w/epidote veins
0518S	ID1	65	0.5	3.0	5	75		SW:12; O:M; float diorite, quartz monzonite; pyrite in fine-grained diorite
0521S	ID1	22	0.5	0	5	90		SW:04; S:3; O:L; andesite dike 50' wide crossing creek; bedrock is andesite; dacite w/brecciation
0522S	ID2	21	1.0	0	10	135		S:2; O:L; bedrock is dacite
0523S	ID1	33	1.0	0	10	150		SW:02; S:3; O:L; bedrock is andesite; andesite dikes in creek; marroon volcanics
0524S	ID1	24	1.0	3.0	10	130		SW:04; S:3; O:L; float is marroon & lt. gray-green andesitic volcanics
0525S	ID1	25	1.0	2.0	10	140		SW:03; S:3; O:L; 40% volcanics, 60% quartz monzonite; bedrock is quartz monzonite
0526S	ID1	20	1.0	2.0	10	150		SW:10; S:3; O:L; float 20% Triassic sediments, 50% quartz monzonite; 30% quartz monzonite porphyry
0527S	ID1	23	1.0	5.0	10	115		S:2; o:M; float all quartz monzonite porphyry; no sulfides
0528S	ID1	37	1.0	2.0	5	130		SW:02; S:2; O:L; float 10% silicified volcanic intrusive, ranging from quartz monzonite to syenite; epidote common in volcanics along quartz monzonite contact; 20% quartz monzonite porphyry; no sulfides.

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0529S	ID1	45	1.0	1.0	5	115		SW:06; S:3; O:L; float 30% andesite dike; quartz monzonite; minor pyrrhotite in monzonite
0530S	ID1	21	1.0	2.0	5	90		SW:08; S:3; O:L; float quartz monzonite; 10 % altered pieces; minor pyrite and epidote; poor sample
0535R	ID1	15	0	7.0	0	20	Au 0	Finely disseminated FeS_2 in silicified sediments; sample taken from talus cone-covered w/limonite
0536D	ID2	20	1.0	2.0	5	25		SH:A; CL:B; M:M; S:1; O:M; diorite fine-grained; trace of chalcopyrite
0537S	ID1	29	0.5	2.0	5	50		O:L; sulfur, limestone, volcanics, ash, diorite, dacite in outwash
0538S	ID1	41	1.0	1.0	10	120		SW:10; O:L; volcanic flows & ash
0558S	ID1	60	0	1.0	0	45		SW:02: O:M: diorite monzonite
0691R	TYB8	90	0	0	15	95	Au 0	minor copper stain; disseminated cuprite
0692R	TYB8	6600	22.0	7.5	10	160	Au 0	Disseminated pyrite in chloritic quartz monzonite
0693S	TYB8	94	2.0	10	300	5	Au 0	SW:02; S:2; O:L; creek drains contact area; quartzite/quartz monzonite porphyry; quartz bedrock
0694S	TYB8	64	1.5	5.0	60	225		SW:04; S:3; O:L; bedrock is quartz

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0737S	TYC8	33	0.5	2.0	35	145		SW:05; O:L; talus and outcrop of fine-grained granite & some float of coarse-grained granite
0738S	TYC8	77	1.0	5.0	50	235		SW:08; O:L; talus of coarse-grained granite
0739S	LHC1	40	0.5	2.0	35	160		SW:10; O:L; granite - coarse talus; mafics weathered and stained
0740S	TYC8	58	0.5	6.0	35	175		SW:20; O:L; porphyritic rhyolite; porphyritic diorite; fine-grained granite; coarse-grained granite & granite porphyry; magnetite stain; trace of malachite in porphyry float
0741S	TYC8	110	1.5	15	50	400		SW:20; O:L; porphyritic granite and rhyolites; trace of malachite inclusion (?)
0754S	TYB8	82	1.5	8.0	80	400		SW:04; S:3; O:L; float is 70% pyrrhotite siltstone; 30% quartz monzonite porphyry
0755R	TYB8	2800	2.5	2.0	15	500		Float is azurite/malachite & disseminated chalcopyrite in quartz monzonite porphyry
0756S	TYB8	220	5.0	8.0	550	450	Au 0	SW:05; S:2; O:L; float of quartz monzonite porphyry; granite; diorite; quartz diorite; quartzite; silicified siltstone
0818S	TYC8	55	0	4.0	40	210		SW:15; O:L; gully w/talus of porphyritie granite which is iron and magnetite stained; some fresh porphyritic diorite
0819S	TYC8	96	1.0	4.0	55	235		SW:05; O:L; talus of porphyritic granite; iron and manganese stain; trace of quartz veining; no sulfides
0820S	TYC8	25	0	4.0	40	185		SW:10; O:L; talus of granite weathered red brown; coarse-grained; local seams of quartz sericite

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0821S	TYC8	61	1.5	7.0	150	250		SW:05; O:L; talus of weathered granite w/MnO_2
0822S	TYC8	120	2.0	5.0	105	600		SW:10; O:L; mostly fresh granite; some boulders of iron and manganese stained granite & porphyritic rhyolite containing traces of chalcopyrite
0823S	TYC8	77	1.5	4.0	250	750		SW:15; O:L; granite and porphyritic diorite; iron and magnetite stained granites w/traces of copper as malachite
0824S	TYC8	44	1.0	4.0	60	350		SW:05; O:M; weathered coarse-grained granite float
0825S	TYC8	23	0	2.0	50	215		SW:15; O:L; gully w/weathered coarse-grained granite
0826S	LHC1	41	2.0	3.0	90	250		SW:15; O:L; coarse-grained weathered granite and unweathered porphyritic diorite
0848S	LHC1	15	0	3.0	45	105		SW:01; O:L; granite; quartz monzonite; some metasediments
0849S	LHC1	50	1.5	5.0	120	350		SW:01; O:M; granite; quartz monzonite
0850S	TYC8	63	1.0	8.0	75	300		SW:05; O:L; quartz monzonite granite and diorite (quartz)
0851S	LHC1	34	1.0	6.0	85	200		SW:02; O:L; quartz porphyry; granite
0852S	LHC1	92	1.5	6.0	95	300		SW:08; O:L; float quartz porphyry, quartz monzonite, granite, fresh diorite & altered diorite; some mafic rock w/some quartz & slightly larger crystals of potassium feldspar

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
0853S	TYC8	83	1.5	7.0	100	300		SW·0.5; 0:L; bedrock highly fractured granite; quartz & chlorite veins; some quartz porphyry in float
0854S	LHC1	32	1.0	4.;0	45	240		SW:01; 0:L; quartz porphyry
0855S	LHC1	28	0.5	4.0	70	210		SW:01; quartz porphyry, some diorite
0856S	LHC1	320	2.5	4.0	110	230		SW:06; 0:L; quartz monzonite porphyry fresh and altered diorite, some mafic
0930S	TYC8	47	1.0	5.0	60	225		SW:05; S:2; 0:L; bedrock is gra nite
0931S	TYC8	35	2.0	4.0	105	300		SW:03; rest smae as above
0932S	TYC8	19	1.0	4.0	95	190		SW:02; S:2; 0:L; granite float 50%; quartz monzonite 50%
1079R	TYC8	130	1.1	44.0	30	220	Sn5 W 5	Siliceous quartz porphyry w/ molybdenum
1472S	LHC1	65	1.6	4.0	90	150		SW:07; M:W; S:3; 0:L
1483S	LHC1	12	0.5	3.0	30	120		SW:06; S:2;0:L
1484S	LHC1	Sample Missing						
1485S	LHC1	11	0.5	2.0	30	125		SW:05; S:2; 0:L; bedrock is granite
1486S	LHC1	12	0.5	4.0	35	125		SW:04; S:2; 0:L
1917R	TYC8	39	1.9	220.0	35	185		Quartz porphyry with stockwork quartz veinlet molybdenum and flourite
1918R	TYC8	35	0.7	6.0	95	140		Chip sample of quartz porphyry with 1/8" veinlets of quzrtz ; trace of molybdenum and flourite
1919R	TYC8	68	1.8	10.0	120	400		Granite with strong manganese stain and some pyrite

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
~~2543S~~	~~LHB1~~	14	0.7	4.0	105	130		SW:01; S:2; O:L; bedrock is quartz diorite; some quartz monzonite porphyry float
~~2544S~~	~~LHB1~~	14	0.5	5.0	25	50		SW:01;S:2; O:L; contact of sediments/quartz diorite
~~2545S~~	~~LHB1~~	6	0.3	3.0	10	20		SW:07; S:2; O:L; glacial stream quartz diorite background
~~2546S~~	~~LHB1~~	20	0.7	24.0	95	150		SW:01; S:2; O:L; contact zone quartz diorite/sediments/chlorite biotite diorite; MoS in quartz vein
~~2547S~~	LHB1	19	0.8	14.0	80	150		SW:0; S:2; O:L; contact zone of metasediments/quartz diorite/ chloritie biotite diorite; dry creek
~~2548S~~	~~LHB1~~	52	1.0	5.0	15	70		SW:0; S:3; O:L; talus fan; chloritic biotite diorite; dry creek
2549D	~~LHB1~~	16	0.8	2.0	10	35		Quartz diorite porphyry is bedrock; talus slope
~~2550D~~	~~LHB1~~	7	0.6	1.0	5	25		Bedrock is diorite porphyry; talus slope; dry gully
~~2551S~~	~~LHB1~~	46	1.6	3.0	40	200		S:3; O:L; bedrock is granite
~~2552S~~	~~LHB1~~	20	0.8	3.0	20	90		SW:02; S:3; O:L; bedrock is volcanics; andesite tuff; basalt
2553R	LHB1	24	0.7	8.0	10	50		Bedrock is granite (altered)
? ~~2554S~~	~~LHB1~~	4	0.4	1.0	5	35		SW:06; S:3; O:L; bedrock is granite
~~2555S~~	~~LHB1~~	5	0.4	1.0	5	40		SW:04; S:3; o:L; bedrock is granite

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2570D	LHB1	95	1.2	22.0	105	300		Talus fan; sediments & volcanics; highly organic
2571D	LHB1	62	0.8	4.0	20	90		Fresh talus fan; quartz diorite/ sediments contact zone
2572S	LHB1							SW:02; S:2; O:L; glacial sediment draining creek through lateral moraine
2573S	LHB1	9	0.4	4.0	20	60		SW:05; S:2; O:L; bedrock is quartz diorite; glacial stream
2574D	LHB1	28	0.5	7.0	65	180		Pleistocene; lateral moraine
2575R	LHB1	330	2.0	28.0	35	105	Au 0.05 W 5 Sn 10	Bedrock is quartz diorite; igneous veining in barren quartz diorite; medial moraine
2576S	LHB1	26	0.7	20.0	120	175		SW:03; S:3; O:L; glacial surface sediments
2577S	LHB1	14	0.5	2.0	20	70		SW:0; S:3; O:M; dry at stream of 8' channel; granodiorite float
2578D	LHB1	21	0.8	3.0	40	120		CL:B; M:M; S:1; O:M; granodiorite float; SH:A
2579R	LHB1	18	0.4	4.0	25	70		O:L; grains and chips from granodiorite talus slope
2580R	LHB1	25	0.4	6.0	35	80		S:3; O:L; fines from granodiorite talus slope
2581R	LHB1	13	0.5	10.0	25	90		S:3; O:L; fines from granodiorite talus slope
2582R	LHB1	17	0.6	7.0	55	135		S:3; O:L; same as above remarks
2583S	LHB1	19	0.5	10.0	35	90		SW:02; S:3; O:L; active streams; granodiorite float
2584S	LHB1	45	0.4	5.0	30	110		SW:0; S:3; O:L; dry stream; granodiorite
2603S	LHA1	60	1.0	4.0	20	80		SW:01; M:M; S:2; O:M; volcanics & granite; dry creek
2604S	LHA1	46	0.9	2.0	45	100		SW:03; S:3; O:L; M:M; granite & volcanics
2605D	LHA1	19	0.8	1.0	15	60		SW:02; SH:B; M:M; S:2; O:M; granite; granodiorite; some volcanics
2606D	LHA1	17	0.8	1.0	40	115		SW:01; SH:B; M:D; S:3; O:L; talus;

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2607S	LHA1	14	0.7	1.0	50	140		SW:02; M:M; S:3; O:L; dry creek; biotite granite
2608S	LHA1	10	0.7	2.0	30	90		SW:03; M:M; S:3; O:L; biotite granite
2609D	LHA1	15	1.0	2.0	105	215		SW:01; M:M; S:3; O:L; talus; biotite granite
2610S	LHA1	16	1.1	2.0	140	350		SW:01; M:W; S:3; O:L; biotite granite
2611S	LHB1	14	0.5	0	20	70		S:3; O:L; bedrock is porphyritic andesite
2612S	LHB1	9	0.5	1.0	25	90		S:3; O:L; bedrock is volcanics; porphyritic andesite
2613S	LHB1							S:3; O:L; bedrock is volcanics; andesite tuffs
2614S	LHB1	4	0.4	0	20	60		S:3; O:L; bedrock is volcanics
2615S	LHB1	9	0.6	1.0	20	65		S:3; O:L; bedrock is volcanics; porphyritic andesite flows
2616S	LHB1	5	0.5	1.0	20	60		S:3; O:L; bedrock is volcanics
2617S	LHB1	5	0.4	1.0	15	60		Bedrock is volcanics
2618S	LHB1	12	0.6	2.0	25	75		S:3; O:L; bedrock is volcanics
2619S	LHB1	6	0.5	2.0	20	70		S:3; O:L; bedrock is volcanics
2620S	LHB1	8	0.6	3.0	25	75		S:3; O:L; bedrock is volcanics
2621S	LHA1	10	1.1	1.0	95	200		SW:02; M:M; S:3; O:L; biotite granite w/dikes
2622D	LHA1	36	1.2	2.0	55	190		SW:01; SH:B; M:M; S:3; O:L; talus; biotite granite
2623D	LHA1	51	1.4	9.0	135	300		SW:01; SH:B; M:M; S:3; O:L; talus; biotite granite

PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
~~2662S~~	~~LHB1~~	~~210~~	~~1.4~~	~~22.0~~	~~65~~	~~180~~		SW:0; S:3; O:L; mudflow material; 3' channel; dry sample
2663R	LHB1	32	1.5	15.0	800	800		Pyrite-bearing silicified grano-diorite from fracture zone
2664R	LHB1	66	1.3	68.0	115	300		Pyrite-bearing silicified grano-diorite from shear zone
~~2665S~~	~~LHB1~~	~~22~~	~~0.8~~	~~2.0~~	~~70~~	~~160~~		SW:0; S:3; O:L; dry sample; channel 2' wide
2666R	LHB1	12	1.7	8.0	135	250		Pyrite-bearing granodiorite; grab sample from fracture zone
~~2667S~~	~~LHB1~~	~~7~~	~~0.6~~	~~2.0~~	~~40~~	~~75~~		SW:04; S:3; O:L; plagioclase porphyry
~~2668D~~	~~LHB1~~	~~41~~	~~1.0~~	~~2.0~~	~~65~~	~~250~~		CL:B; M:M; O:M; granodiorite; quartz, plagioclase, potassium feldspar as phenocrystals; some biotite; med.-grained porphyritic; some chlorite alteration from biotite
~~2669S~~	~~LHB1~~	~~24~~	~~1.0~~	~~3.0~~	~~70~~	~~155~~		SW:0; S:3; O:L; float is biotite granodiorite; previous stream width 8'
~~2670S~~	~~LHB1~~	~~23~~	~~1.0~~	~~2.0~~	~~40~~	~~150~~		SW:01; S:3; O:L; active stream; some silt, mostly sand; predominantly biotite; diorite; biotite to chlorite
~~2671R~~	~~LHD2~~	~~85~~	~~1.4~~	~~2.0~~	~~45~~	~~215~~		Argillite & graywacke talus; some clay; some organics
~~2676S~~	~~LHA1~~	~~4~~	~~0.6~~	~~1.0~~	~~10~~	~~25~~		SW:01; O:L; granodiorite; quartz monzonite or granite

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1 #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2677S	LHA2	13	0.5	1.0	5	15		SW:06; O:L; quartz diorite; quartz monzonite
2740S	LHA1	54	0.9	1.0	20	125		SW:0; S:2; O:L; phyllite; dry creek
2751S	LHB1	13	0.5	2.0	10	50		SW:02; S:3; O:L; granite-grano-diorite & volcanics
2752S	LHB1	7	0.5	1.0	15	60		SW:02; S:3; O:L; volcanics; M:M
2753S	LHB1	17	0.6	2.0	15	40		SW:02; M:M; S:3; O:L; volcanics & granite
2754D	LHB1	28	0.7	3.0	20	55		SW:01; SH:B; M:M; S:3; O:L; talus moraine granite w/iron-staining
2755D	LHB1	7	0.5	1.0	15	65		SW:01; SH:B; M:M; S:3; O:L; talus; porphyritic volcanics
2774D	LHB1	29	0.9	14.0	70	115	W -5	volcanics; quartz porphyry
2775R	LHB1	6	0.4	4.0	10	25	Sn 5	SW:01; M:M; S:3; O:L; talus
2776D	LHB1	12	0.5	4.0	40	65		Biotite granite rock chip sample'
2777R	LHB1	6	0.5	4.0	10	30	Sn -5	SW:01; M:D; S:3; O:L; talus
2778S	LHB1	5	0.5	2.0	10	30		Lateral moraine; biotite granite
2779D	LHB1	13	0.6	2.0	25	100		SW:03; S:3; O:L; M:W; Granite
2780D	LHB1	9	0.3	1.0	15	65		SW:01; M:D; S:3; O:L; dry creek
2781D	LHB1	10	0.3	1.0	25	95		SW:01; M:D; S:3; O:L; talus
2782D	LHB1	16	0.6	1.0	40	105		SW:01; M:M; S;3; O:L

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2783D	LHB1	12	0.6	1.0	30	80		SW:01; M:D; S:3; O:L; talus
2784D	LHB1	20	0.8	1.0	110	210		SW:01; M:D; S:2; O:L; talus
2804S	LHB1	55	2.7	12.0	500	450		SW:02; O:L; rhyolite w/disseminated pyrite intrusive into sediments & volcanics; iron and manganese stain
2805S	LHB1	22	1.0	6.0	70	110		SW:03; O:L; iron & manganese stained rhyolite w/disseminated pyrite cutting volcanic sediments & intrusive breccia of diorite
2806S	LHB1	27	1.2	5.0	80	95		SW:02; O:L; stream top of glacier draining rhyolite w/disseminated pyrite
2807S	LHB1	16	0.7	2.0	15	60		SW:03; O:L; glacier draining volcanic breccia w/lots of hematite & diorite
2808S	LHB1	32	1.6	2.0	250	250		SW:02; O:L; talus of volcanics w/hematite
2809S	LHB1	13	0.5	2.0	90	100		SW:02; O:L; talus of rhyolite; volcanics;quartz porphyry; siltstone
2810S	LHB1	31	4.0	10.0	500	165		SW:02; O:L; gully draining highly Pyritized quartz porphyry
2811S	LHB1	36	0.8	2.0	45	95		SW:02; O:L; talus of volcanics
2812S	LHB1	56	1.2	3.0	65	205		SW:04; O:L; outcrop of quartz porphyry to granite cutting siltstone
2813S	LHB1	15	0.7	2.0	30	105		SW:05; O:L; granite outcrop
2814S	LHB1	26	1.3	5.0	170	300		SW:01; O:L; iron & manganese stained rhyolite & quartz porphyry & volcanics

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2815S	LHB1	42	0.6	4.0	285	120		SW:01; O:L; intrusive breccia; much pyrite
2816R	LHB1	15	0.8	12.0	20	15	Au 0.05	Chip sample of talus of rhyolite & quartz porphyry w/strong silica & pyrite
2817S	LHB1	32	0.9	5.0	35	60		Talus of rhyolite & dark volcanics; rhyolite & much disseminated pyrite
2818S	LHB1	50	1.2	2.0	30	80		SW:02;; O:1; talus of slightly altered diorite
2819S	LHB1	18	0.7	1.0	40	100		SW:04; O:L; granite talus & moraine
2820S	LHB1	11	0.5	1.0	20	75		SW:05; O:L; moraine of granite porphyry & granite
2821S	LHB1	28	1.1	5.0	65	185		SW:02; OM; talus of diorite; no sulfides
2822S	LHB1	44	1.2	4.0	140	350		SW:09; O:L; large drainage of quartz porphyry; volcanics; intrusive breccia
2823S	LHB1	470	2.5	8.0	160	4500		SW:04; O:L; talus of strongly silicified & pyritized aplite overlain by volcanics
2824S	LHA1	21	0.6	9.0	25	60		SW:03; O:L; porphyritic granite; fresh
2828D	LHC1	39	0.6	5.0	65	170		SW:01; M:D; S:3; O:L; talus
2829D	LHC1	63	0.9	4.0	85	165		SW:01; M:D; S:2; O:L; talus
2830D	LHC1	57	0.8	2.0	90	170		SW:01; M:D; S:3; O:L; talus
2831D	TYC8	210	2.1	2.0	125	200		SW:01; M:D; S:3; o:L; talus
2834S	LHB1	17	0.5	4.0	45	115		SW:0; S:3; O:L; 15' dry channel; granodiorite float
2835R	LHB1	73	0.6	3.0	20	90		S:3; O:L; fines from slip-face of rock glacier; granodiorite & diorite (?) float

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
? 2836S	LHB1	78	0.8	20.0	205	175		S:3; O:L; fines from talus; granodiorite & silicified granodiorite
2837S	LHB1	52	0.9	5.0	105	250		SW:0; S:3; O:L; dry 25' wide channel
2838S	LHB1	39	0.8	4.0	45	115		SW:0; S:2; O:L; dry stream 15' wide
2839R	LHB1	56	0.4	3.0	20	90		Talus; S:3; O:L; fines from granodiroite talus
2840S	LHB1	37	0.7	2.0	25	75		SW:01; S:3; O:L; granodiorite float
2841S	LHB1	500	0.7	15.0	60	105		S:3; O:L; fines from granodiorite talus
2842R	LHB1	27	1.0	7.0	40	135		S:3; O:L; same as above comments
2843S	LHB1	54	1.2	1.0	270	650		SW:0; S:2; O:L; float mainly volcanic hornfels; some plag. porphyritic float; thin interbedded sandstone
2844R	LHB1	170	2.1	18.0	250	350		S:2-3; O:L; fine-fraction from talus
2845R	LHB1	29	1.2	7.0	40	150		S:2; O:L; fine-fraction from talus; granodiorite & basalts; some hornfels
2846R	LHB1	49	1.4	8.0	130	350		S:3; O:L; fines from granodiorite talus
2847R	LHB1	23	0.5	2.0	20	75		S:2; O:L; fines from talus slope; granodiorite
2848S	LHB1	39	0.9	9.0	40	100		SW:0; S:3; O:L; dry stream 4' wide

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2849R	LHB1	12	0.6	5.0	40	70		S:3; O:L; fines from talus; granodiorite
2850R	LHB1	18	0.7	2.0	35	90		S:3; O:L; fines from grnaodiorite talus slope
2851R	LHB1	13	0.5	4.0	20	75		S:2; O:L; fines from talus; some granodiorite; non-mineralized
2852D	LHB1	320	1.6	28.0	140	350		CL:B; M:M; S:2; O:L; siltsample from talus
2853D	LHB1	100	1.0	14.0	145	250		CL:B; M:M; S:2; O:L; silt sample from talus
2854S	LHB1	290	1.2	18.0	115	400		SW:0; S:2; O:L
2855D	LHB1	28	1.1	4.0	135	350		SW:02; M:M; S:3; O:L; dry creek; granite
2856D	LHB1	38	1.5	20.0	1000	850		SW:01; SH:B; M:M; S:3; O:M; talus; granite; light iron stain
2857D	LHB1	20	0.6	4.0	50	140		SW:02; M:D; S:3; O:L; dry creek; granite
2858D	LHB1	27	0.9	2.0	85	130		SW:01; SH:B; M:M; S:2; O:M; talus; Granite
2859D	LHB1	43	1.2	2.0	225	250		SW:01; SH:B; M:M; S:2; O:M; talus granite
2860R	LHB1	8	0.4	7.0	40	70		
2861D	LHB1	28	1.0	1.0	135	300		SW:01; SH:B; M:M; S:3; O:L; talus
2862D	LHB1	18	0.7	2.0	40	130		SW:01; SH:B; M:M; S:3; O:L; talus; volcanics

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2863D	LHB1	20	0.6	2.0	20	70		SW:01; SH:B; M:M; S:3; O:L; talus; volcanics & granite
2864D	LHB1	12	0.5	1.0	20	70		SW:01; SH:B; M:M; S:3; o:L; talus; volcanics; breccia
2865D	LHB1	16	0.6	1.0	25	70		SW:01; SH:B; M:M; S:3; O:L; talus
2866D	LHB1	12	0.6	2.0	45	140		SW:01; SH:B; M:M; S:3; O:L; talus of granite
2867D	LHB1	16	0.6	4.0	50	100		SW:01; SH:B; M:M; S:3; O:L; talus; granite
2868R	LHB1	31	0.5	8.0	10	30		OUtcrop
2869D	LHB1	19	0.7	2.0	25	85		SW:02; SH:B; M:M; S:3; O:M; talus
2870D	LHB1	24	0.8	2.0	50	125		SW:01; SH;B; M:M; S:3; O:M; dry creek; granite
2871S	LHB1	5	0.4	0	15	65		Porphyritic andesite flows
2872S	LHB1	6	0.5	1.0	20	65		Same as above
2873S	LHB1	18	1.0	2.0	110	190		S:3; O:L; biotite granodiorite
2874R	LHB1	23	0.5	10.0	25	35	Sn -5	Bedrock is granite
2875S	LHB1	13	0.8	3.0	65	140	W-5, Sn 5	SW:01; S:3; O:L; bedrock is granite
2876R	LHB1	6	0.4	4.0	10	15	W -5, Sn -5	Bedrock is granite
2877S	LHB1	6	0.4	2.0	10	25	W -5, Wn -5	S:3; O:L; bedrock is granite
2878S	LHB1	21	0.7	2.0	30	75	W 5, Sn -5	S:3; O:L; bedrock is granite
2879S	LHB1	20	0.5	1.0	15	45		S:3; O:L; bedrock is granite
2880S	LHB1	5	0.3	1.0	5	30	W -5, Sn 5	S:3; O:L; bedrock is granite
2881S	LHB1	5	0.3	1.0	10	25		S:3; O:L; same as above

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2882S	LHB1	4	0.4	1.0	5	20		Bedrock is granodiorite
2883S	LHB1	4	0.3	1.0	5	20		S:3; O:L; bedrock is granodiorite; fresh biotite granodiorite unaltered; occasional fluorite
2884S	LHB1	4	0.3	1.0	5	25	W 5 Sn 5	SW:05; S:3; O:L; bedrock is granodiorite; same as above comments
2885S	LHB1	5	0.3	1.0	5	25	W 5 Sn 5	SW:03; S:3; O:L; bedrock is granodiorite; same as above remarks
2886S	LHB1	13	0.4	3.0	35	85		SW:02; S:3; O:L; bedrock is granodiorite
2887S	LHB1	20	0.6	2.0	15	65		SW:0; S:3; O:L; bedrock is granodiorite
2888S	LHB1	6	0.3	3.0	20	65		SW:0; S:3; O:L; bedrock is granodiorite
2889S	LHB1	47	1.6	5.0	130	80		SW:0; S:3; O:L; bedrock is volcanics
2890S	LHB1	14	0.2	2.0	10	50		SW:03; S:3; O:L; bedrock is granodiorite & granite
2901S	LHB1	76	0.8	2.0	45	145		SW:03; S:3; O:L; M:W
2902S	LHB1	39	0.7	1.0	15	50		SW:01; S:3; O:L; M:W
2903D	LHB1	83	0.9	2.0	25	105		SW:01; M:D; S:3; O:L; talus
2904D	LHB1	270	0.8	3.0	50	130		SW:01; M:M; S:3; O:L; talus
2905R	LHB1	48	0.8	5.0	15	50		Basalt rock chip sample
2906R	LHB1	65	1.1	4.0	15	105		Basalt w/chalcopyrite
2907D	LHB1	71	1.2	8.0	115	225		SW:01; SH:B; M:M; S:3; O:L
2908S	LHB1	13	0.4	5.0	30	60		SW:01; M:W; S:3; O:L
2909S	LHB1	7	0.3	4.0	20	45		SW:03; M:W; S:3; O:L
2910R	LHB1	7	0.3	5.0	10	25	Sn 5	Biotite granite rock chip sample
2911S	LHB1	22	0.6	10.0	50	80		SW:02; M:W; S:3; O:L
2912D	LHB1	20	0.8	2.0	65	185		SW:01; S:3; O:L; M:M
2913D	LHB2	10	0.6	2.0	35	135		SW:01; M:D; S:3; O:L
2914D	LHB1	24	0.9	2.0	100	250		SW:01; M:D; S:3; O:L; talus
2915D	LHB1	26	0.8	1.0	110	250		SW:01; M:D; S:3; O:L; talus
2916S	LHB1	19	0.9	2.0	100	250		SW:01; M:D; S:3; O:L; talus & moraine mixed
2917R	LHB1	18	0.7	10.0	20	110		Intermediate volcanic rock chip; sediments frozen
2918R	LHB1	20	0.5	6.0	15	65		Biotite granite; rock chips; sediments frozen
2919R	LHB1	37	0.7	16.0	30	95		Mafic volcanic rock chips; sediments

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2928R	LHB1	150	0.9	8.0	15	85		Volcanic rock chip sample
2929D	LHB1	30	0.8	2.0	85	160		SW:01; M:D; S:3; O:L; talus
2930D	LHB1	86	0.7	4.0	25	180		SW:01; M:D; S:3; O:L; talus
2931S	LHB1	48	0.4	4.0	50	125		SW:03; O:L; S:3; M:W
2932S	LHB1	18	0.6	4.0	30	90		SW:03; M:w; S:3; O:L
2933R	LHB1	16000	0.8	7.0	15	350		Fractured volcanic or dike rock w/chalcopyrite; glacial moraine
2934D	LHB1	240	1.1	4.0	95	300		SW:01; SH:B; M:M; S:3; O:L
2935D	LHB1	73	1.2	7.0	55	130		SW:01; M:M; S:3; O:L
2936D	LHB1	170	1.2	2.0	80	150		SW:01; M:D; S;3; O:L; talus
2937D	LHB1	180	1.2	4.0	120	145		SW:01; M:D; S:3; O:L; talus; volcanics
2938D	LHB1	450	5.9	36.0	1400	1200		SW:01; M:M; S:3; O:L; talus; volcanics
2948S	LHB1	15	0.6	11.0	35	85		SW:03; S:2; O:L; glacial surface sediments
2949S	LHB1	8	0.4	5.0	25	45		SW:01; S:2; O:L; bedrock is quartz diorite; glacial surface sediments; old creek bed
2950S	LHB1	52	0.9	4.0	25	110		SW:0; S:2; O:L; bedrock is quartz diorite; sediments contact w/ bedrock; dry creek
2951S	LHB1	7	0.5	5.0	20	60		SW:06; S:2; O:L; main glacial creek;(background sample)
2952S	LHB1	21	0.7	6.0	60	175		SW:0; S:2; O:L; near contact; dry creek
2953S	LHB1	4	0.4	3.0	15	35		Glacial surface stream sediments; arcuate frontal lobe moraine & lateral sediments
2954D	LHB1	3	0.4	3.0	10	25		Lateral moraine sediments
2955S	LHB1	5	0.6	5.0	10	30		SW:03; quartz diorite is bedrock; glacial surface stream; no staining on quartz diorite
2956S	LHB1	4	0.4	5.0	10	35		SW:01; S:2; O:L; bedrock is quartz diorite; no iron-staining; glacial stream from lateral moraine

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2957S	LHB1	26	1.1	4.0	90	300		SW:04; S:2; O:L; bedrock is granite porphyry; chloritic granite porphyry
2958S	LHB1	55	1.7	16.0	325	350		SW:02; S:2; O:L; chlorite granite porphyry
2959S	LHB1	31	2.0	4.0	85	185		SW:01; S:3; O:M; bedrock is granite porphyry
2960S	LHB1	25	1.6	0	45	130		SW:0; S:2; O:L; bedrock is granite porphyry; dry creek; crystals of orthoclase 2"
2961S	LHB1	410	1.9	3.0	110	180		SW:0; S:3; O:M; quartz monzonite porphyry/andesite contact; some copper stain on andesite along contact; dry creek
2962R	LHB1	8	0.5	6.0	20	15	Au 0.05	Quartz monzonite porphyry w/ disseminated pyrite, arseno-pyrite (?)
2963S	LHB1	290	2.7	4.0	155	300		SW:04; O:L; S:2; bedrock is quartz monzonite porphyry w/pyrite & arsenopyrite & quartz biotite diorite float
2964R	LHB1	38	9.0	12.0	70	50	Au 0.05	Rhyolite, rhyolite breccia; rhyolite porphyry w/pyrite
2965S	LHB1	23	2.2	4.0	55	185		SW:0; bedrock is rhyolite; dry creek; pyritic rhyolite & breccia & quartz porphyry

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PROJECT - COOK INLET

Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2966S	LHB1	7	0.5	1.0	15	55		SW:03; S:2; O:L; bedrock is dacite; glacial stream sediments
2967D	LHB1	6	0.5	1.0	15	50		Bedrock is dacite; medial moraine dirt; pyrite, dacite is bedrock
2968S	LHB1	7	0.6	2.0	25	75		SW:02; S:2; O:L; bedrock is dacite; glacial sediments; float mostly rhyodacite porphyry
2969S	LHB1	18	0.7	2.0	35	95		SW:0; S:2; O:L; bedrock is rhyolite; dry stream; pyritic rhyolite and rhyolite quartz porphyry
2970D	LHB1	30	1.1	4.0	130	175		Medial moraine dirt; acidic volcanics; flows; breccia, some rhyolite; few pyritic agglomerates
2971D	LHB1	24	0.9	2.0	20	55		SW:01; SH:B; M:M; S:2; O:M; S:2; O:M; talus granite
2972D	LHB1	9	0.4	1.0	5	20		SW:01; M:M; S:3; O:L; granite
2973D	LHB1	32	0.8	2.0	25	70		SW:01; SH:B; M:M; S:3; o:M; granite
2974D	LHB1	17	0.7	1.0	10	40		SW:01; SH:B; M:M; S:3; o:M; granodiorite
2975D	LHB1	35	0.9	1.0	15	55		SW:01; SH:B; M:M; S:2; o:M; granodiorite
2976D	LHB1	26	0.6	1.0	15	45		SW:01; SH:B; M:M; S:2; O:M; quartz diorite w/dikes
2977D	LHB1	32	0.6	2.0	15	55		SW:01; SH:B; M:M; S:3; o:M; talus; granite
2978D	LHB1	18	0.7	1.0	10	35		SW:01; SH:B; M:M; S:3; o:L; talus; quartz diorite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
2979D	LHB1	55	0.7	1.0	25	85		SW:01; M:M; S:2; o:M; talus; granite,some volcanics
2980S	LHB1	44	0.8	1.0	15	50		SW:02; M:W; S:3; o:L; granites & some volcanics
2981D	LHB1	13	0.7	1.0	10	35		SW:03; SH:B; M:M; S:2; O:M; talus; granites; volcanics
2982S	LHB1	62	1.1	2.0	30	75		SW:01; M:M; S:2; O:M; granite & volcanics
2983S	LHB1	11	0.5	1.0	10	30		SW:02; M:M; S:3; o:L; dry creek
2984S	LHB1	5	0.4	2.0	10	10		SW:04; M:M; S:3; o:L; granite & volcanics
2985D	LHB1	4	0.4	2.0	15	25		SW:01; SH:B; M:M; S:3; O:L; talus
2986D	LHB1	2	0.4	1.0	10	20		SW:01; SH:B; M:M; S:2; O:L; talus; granite
2997S	LHB1	14	0.7	2.0	15	70		SW:02; M:M; S:3; O:L; volcanics
2998D	LHB1	11	0.6	8.0	30	170		SW:01; SH:B; M:M; S:3; o:M; talus; volcanics
2999S	LHB1	8	0.5	2.0	15	40		SW:03; M:M; S:3; O:L; granite & volcanics
3000D	LHB1	45	0.9	2.0	40	150		SW:01; SH:B; M:M; S:3; O:L; granite & volcanics on moraine
3001S	LHA1	8	0.5	2.0	25	45		SW:0; bedrock is granite; dry creek
3002S	LHA1	7	0.6	2.0	30	40		SW:01; S:3; O:L; bedrock is granite; some iron stain along joint direction; few boulders w/minor manganese stain on surfaces
3003S	LHA1	4	0.4	2.0	15	25		SW:01; S:2; O:L; bedrock is granite; glacial sediments
3004S	LHA1	3	0.4	1.0	5	10		SW:02; S:2; O:L; bedrock is granite; few joints w/pyrite on surfaces; no alteration
3015R	LHB1	26	0.9	42.0	40	15	Au 0.05	Fine-grained diorite plug associated w/dacite porphyry breccia intruded in sediments; quartz veins very abundant; sample across talus fans
3016S	LHB1	200	3.4	12.0	175	400	Au 0.08	SW:0; S:3; O:L; fine-grained diorite plug in sediments; same as above remarks
3017S	LHB1	13	0.7	1.0	15	55		S:2; O:L: bedrock is dacite por-

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3018S	LHB1	14	0.7	1.0	5	60		SW:04; S:2; O:L; bedrock is dacite porphyry; glacial stream sediments
3019D	LHB2	180	1.5	14.0	75	300		Talus fan dirt; diorite/porphyry dacite intrusive center; contact quartz monzonite/rhyolite
3020S	LHB2	96	0.9	4.0	30	135	Au 0.05	S:2; O:M; dry creek; quartz monzonite w/pyrite & quartz veins; contacts w/sediments
3021S	LHB2	43	0.8	2.0	20	60		SW:04; S:2; O:L; bedrock is dacite porphyry; dacite porphyry/ sediment/quartz monzonite contact area; sediments very iron-stained from pyrite
3022D	LHB2	48	0.8	2.0	15	85		Talus fan dirt; highly stained sediments near intrusives & volcanics
3023S	LHB2	12	0.7	1.0	15	50		SW:0; S:2; O:L; dry creek porphyritic dacite/sediment contact
3024S	LHB2	12	0.8	2.0	15	50		SW:01; S:3; O:L; porphyritic dacite to diorite; near intrusive center
3025S	LHB2	8	0.6	1.0	15	50		SW:04; S:2; O:L; bedrock is dacite porphyry; dacite porphyry sediment contact zone; iron-stained from pyrite (abundant)
3026S	LHA1	85	0.9	2.0	20	115		SW:01; S:3; O:M; bedrock is phyllite; phyllite-argillite float

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3027S	LHA1	300	1.1	5.0	20	145		SW:0; S:2; O:L; dry creek; metasediments; hornfels
3029S	LHA2	200	1.3	6.0	30	160		SW:0; Bedrock is phyllite; dry creek; metasediments; minor hornfels, calcite, silica
3030S	LHA2	120	0.8	3.0	15	95		SW:02; S:3; O:L; metasediments; hornfels in part; actinolite, calcite/dolomite
3031S	LHA1	38	0.8	4.0	20	90		SW:01; S:3; O:L; weathered granite; metasediments contact; some felsic volcanic float; bedrock is granite
3032S	LHA2	14	0.7	3.0	20	95		SW:01; S:3; O:L; highly weathered granite-granodiorite
3033S	LHA2	9	0.4	2.0	25	30		SW:03; S:2; o:L; main creek of glacier; contact area of sediments/granite
3034S	LHA2	4	0.5	1.0	15	35		SW:04; S:2; o:L; bedrock is granodiorite; creek draining main glacier; lateral moraine; unaltered sediments
3035R	LHA2	160	2.0	5.0	85	500		Pyritic hornblende, hornfels; medial moraine
3036D	LHA2	6	0.6	2.0	15	50		S:2; O:L; dirt coarse grained biotite granodiorite w/chlorite & milky quartz contact area w/ volcanics; medial moraine

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3037S	LHA2	11	0.5	1.0	10	40		SW:05; S:2; O:L; contact zone of metasediments, andesite & volcanics & siltstone w/grano-diorite; glacial sediments; small tributary of glacial stream
3038S	LHA1	21	1.1	8.0	85	300		SW:01; S:2; O:L; bedrock is quartz monzonite; very fine-grained quartz monzonite veining some porphyritic quartz monzonite - border phase
3039S	LHA1	28	1.0	14.0	95	600		SW:01; S:2; O:M; bedrock is quartz monzonite; same as above remarks
3040R	LHA1	35	2.6	30.0	700	1850	Au 0.60	Altered quartz monzonite w/chlorite, pyrite, tetrahedrites(?); arsenopyrite
3041D	LHA1	43	4.4	24.0	250	250		Altered zone in quartz monzonite porphyry; abundant quartz w/ sugary texture; iron staining; tetrahedrite (?)
3042D	LHA1	28	1.9	12.0	215	165		Bedrock is quartz monzonite porphyry; rusty zone of quartz monzonite porphyry & breccia
3043S	LHA1	15	0.5	6.0	20	50		SW:01; S:2; O:L; bedrock is granite
3044S	LHA1	15	0.6	20.0	15	50		SW:01; S:2; O:L; bedrock is granite; tributary to main glacial stream
3045S	LHA1	17	0.7	2.0	25	100		SW:01; S:2; O:L; bedrock is granite; iron staining on joint surfaces; some olivine & minor chlorite in float; glacial tributary

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3046S	LHA1	17	0.9	2.0	55	155		SW:0; S:2; O:L; dry creek; granite bedrock
3047S	LHA1	4	0.4	2.0	15	20		SW:0; S:2; O:L; bedrock is granite
3048S	LHA1	11	0.6	3.0	25	60		SW:01; S:2 ;O:L; granite
3049S	LHA1	8	0.5	2.0	20	50		SW:01; S:2; O:L; bedrock is granite; organics
3050D	LHA1	20	0.6	2.0	15	90		SH:B; CL:B; O:M; granite; glacial sediments from ancient moraine; bedrock is granite
3051D	LHA1	14	0.9	3.0	60	150		Chloritic med.-coarse-grained granite w/milky quartz; epidote fracture; secondary orthoclase; granite to diorite; some dikes; talus fan
3052D	LHA2	30	0.9	2.0	30	125		S:2; O:L; contact area granite near biotite w/minor chlorite and epidote; metasediments, andesite w/diorite clasts & metasiltstones & volcanics
3053S	LHA1	17	0.8	9.0	20	35		SW:01; S:2; O:L
3054S	LHA1	3	0.5	1.0	5	35		SW:03; S:2; O:L; bedrock is granodiorite
3055S	LHA1	3	0.5	1.0	10	60		SW:04; S:2; O:L; bedrock is granodiorite; glacial creek
3056S	LHA1	6	0.7	1.0	20	140		SW:01; S:2; O:L; bedrock is granodiorite; glacial stream; some diorite w/copper stain on fracture surfaces; no sulfides

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3057S	LHA1	7	0.7	2.0	10	65		SW:01; S:2; O:L; bedrock is granodiorite; granodiorite/diorite/hornfels contact area
3058D	LHA1	18	1.1	3.0	20	170		Bedrock is skarn; talus sediments; garnet/epidote skarn & diorite contact zone
3059S	LHA1	20	0.9	3.0	10	60		SW:01; S:2; O:L; glacial stream contact area; hornblende, biotite/granodiorite contact
3060D	LHA1	16	0.8	2.0	25	85		Bedrock is granodiorite; medial moraine; partly chloritic w/ micro fractures (bedrock)
3061S	LHA1	10	0.7	12.0	10	30		SW:01; S:3; O:L; bedrock is granodiorite porphyry
3062S	LHA1	10	0.7	10.0	10	30		SW:02; S:2; O:L; granodiorite porphyry w/phenocrysts of quartz & orthoclase; minor biotite ground mass; fine-grained quartz orthoclase plagioclase
3063S	LHA1	21	0.8	7.0	10	35		SW:01; S:2; O:L; creek on lateral morain from glacier; granite w/pyrite, chalcopyrite (?),sericite
3064S	LHA1	22	0.8	12.0	15	45		SW:01; S:3; O:L; granite w/ large dikes or small stocks of fine-grained hornblende granodiorite & breccia of same; no visible mineralization

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3065S	LHA1	22	0.7	11.0	15	40		SW:01; S:3; o:L; granite-granodiorite; glacial tributary; bedrock is granite
3066D	LHA1	84	0.8	25.0	15	60		Bedrock is granodiorite; some iron-staining; intrusive breccia w/clasts of fine-grained diorite
3067R	LHA1	13	0.8	5.0	215	215		Small medial moraine; coarse gravel; altered granite w/sericite, chlorite, clay; micro-fractures
3068D	LHA2	54	1.0	2.0	20	45		O:L; granodiorite
3069S	LHA2	11	0.5	1.0	10	25		SW:08; O:L; granodiorite, granite
3070S	LHA2	18	4.7	3.0	15	60		SW:01; O:M; granodiorite
3071D	LHA2	17	0.7	2.0	10	40		O:L; same as above
3072S	LHA2	8	0.5	2.0	15	45		SW:02; O:L; granite, granodiorite, some volcanics
3073S	LHA2	51	0.8	3.0	15	65		SW:03; O:L; M:W
3074S	LHA2	47	0.6	2.0	15	65		SW:09; S:3; O:L; M:W
3075D	LHA2	67	0.6	2.0	20	75		SW:01; M:D; S:3; O:L; talus
3076R	LHA2	93	1.3	12.0	35	175		Volcanic rock chip sample from talus
3077D	LHA2	310	1.5	5.0	20	550		SW:01; M:D; S:3; O:L; talus
3078D	LHA2	390	1.7	8.0	25	750		SW:01; M:D; S:3; O:L; talus
3079R	LHA2	42	0.7	120.0	20	125		Fine-grained felsic volcanic rock chip sample
3080D	LHA2	280	1.2	17.0	45	215		SW:01; M:d; S;3; O:L
3081D	LHA2	210	1.3	6.0	30	150		SW:1; M:D; S:3; O:L; lateral moraine

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3082D	LHA2	34	0.7	2.0	10	70		SW:01; M:W; S:3; O:L; medial moraine
3083S	LHA2	70	0.7	1.0	10	55		SW:01; M:W; S:1; O:L
3084D	LHA2	39	0.7	2.0	10	70		SW:01; M:M; S:3; O:L; lateral moraine; hornblende diorite float
3085D	LHA2	44	0.7	2.0	10	65		SW:01; M:M; S:3; O:L; glacial moraine
3086D	LHA1	25	0.6	16.0	10	40		SW:01; SH:B; M:D; S:3; O:L
3087D	LHA1	11	0.5	4.0	10	20		SW:01; SH:B; M:D; S:3; O:H
3088S	LHA1	6	0.4	10.0	30	40		SW:01; M:D; S:3; O:L; dry creek
3089D	LHA1	15	0.6	4.0	40	75		SW:01; SH:B; M:D; S:3; talus
3090S	LHA1	4	0.3	1.0	5	10		SW:06; M:W; S:3; O:L
3091S	LHA1	9	0.6	6.0	25	35		SW:02; M:W; S:3; O:L
3092S	LHA1	22	0.7	48.0	25	60		SW:01; M:M; S:3; O:L; dry creek
3093D	LHA1	23	0.7	4.0	10	25		SW:01; SH:B; M:M; S:3; O:M
3094D	LHA1	16	0.6	2.0	10	25		SW:01; SH:B; M:M; S:3; O:L
3095D	LHA1	14	0.5	6.0	30	45		SW:01; M:D; S:3; .:L; glacial lateral moraine
3096S	LHA1	7	0.5	4.0	10	20		SW:01; M:W; S:3; O:L
3097S	LHA1	5	0.4	3.0	5	15		SW:03; M:W; S:3; O:L; granite
3098S	LHA1	43	0.8	2.0	10	65		SW:03; M:W; S:3; O:L
~~3099D~~	~~LHA1~~	~~77~~	~~1.1~~	~~3.0~~	~~20~~	~~85~~		SW:01; M:D; S:3; O:L; talus
3100R	LHA1	150	1.2	7.0	15	70		Volcanic rock chip sample from talus
~~3101D~~	~~LHA1~~	~~29~~	~~1.0~~	~~2.0~~	~~15~~	~~40~~		SW:01; SH:B; M:D; S:3; O:L

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3102S	LHA1	23	0.8	6.0	30	110		SW:01; SH:B; M:D; S:3; O:M
3103D	LHA1	28	0.8	2.0	45	160		SW:01' SH:B; M:D; S:3; O:L
3104S	LHA1	20	0.9	2.0	40	175		SW:02; M:W; S:3; O:L
3105S	LHA1	23	0.8	14.0	35	120		SW:03; M:W; S:3; O:L
3106S	LhA1	19	0.8	4.0	20	55		SW:06; M:W; S:3; O:L
3107D	LHA1	19	0.8	4.0	20	55		SW:01; SH:B; M:D; S:3; O:L
3108D	LHA1	20	0.8	7.0	15	50		SW:01; SH:B; M:D; S:3; O:L
3109D	LHA1	18	0.7	4.0	10	35		SW:01; SH:B; M:D; S:3; O:L
3110D	LHA1	22	0.7	5.0	30	110		SW:01; SH:B; M:M; S:3; O:L
3111D	LHA1	19	0.7	21.0	45	75		SW:01; SH:B; M:M; S:3; O:L
3112D	LHA1	24	0.8	1.0	20	90		SW:01; SH:B; M:M; S:3; O:L
3113D	LHA1	22	0.8	2.0	45	140		SW:01; SH:B; M:M; S:3; O:L
3114D	LHA1	28	1.1	1.0	105	250		SW:01; SH:B; M:M; S:1; O:L
3115D	LHA1	10	0.6	1.0	20	70		SW:01; SH:B; M:M; S:3; O:L
3119R	LHA1	12	0.5	9.0	45	95		O:L; fines from granite talus
3120R	LHA1	21	0.7	9.0	55	110		Sand & gravel from granite talus on ice; O:L
3121R	LHA1	12	0.6	5.0	65	250		O:L; same as above remarks
3122R	LHA1	26	0.5	18.0	25	70		O:L; from moraine on ice
3123R	LHA1	51	0.7	170.0	5	5		O:L; moly-bearing granite; grab sample
3124R	LHA1	20	1.7	5.0	155	130		O:L; magnetite-bearing silified granite; grab sample
3125R	LHA1	22	0.5	10.0	30	70		O:L; sample from moraine on ice; granite; sand & gravel
3126S	LHA1	9	0.5	2.0	25	65		SW:0 S:3; O:L; granite float; dry creek
3127S	LHA1	10	0.5	1.0	20	45		SW:dry; S:3; O:L; granite float
3128S	LHA1	9	0.6	2.0	20	50		SW:dry; S:3; O:L; same float
3129R	LHA1	8	0.5	6.0	20	45		S:3; O:M; fines from granite talus
3130R	LHA1	13	0.7	4.0	25	120		S:3; o:L; fines from granite talus

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3131S	LHA1	6	0.6	4.0	15	60		SW:01; S:3; O:M; granite float
3132S	LHA1	14	0.7	3.0	15	70		SW:06; S:3; O:L; granite float
3133S	LHA1	15	0.7	12.0	10	45		SW:dry; S:3; O:L
3134S	LHA1	3	0.4	2.0	5	20		SW:05; S:3; O:L; granite float
3135S	LHB1	5	0.4	1.0	15	40		SW:02; O:L; outcrop & talus of biotite granite
3136S	LHB1	12	0.4	2.0	25	85		SW:03; O:L; talus & moraine of granodiorite & siltstone & sediments
3137S	LHB1	82	1.1	3.0	30	135		SW:02; O:L; talus of metasediments & siltstone
3142S	TYA8	24	0.9	2.0	15	65		SW:02; O:L; talus of granodiorite
3143S	TYA8	32	0.9	2.0	10	60		SW:02; talus of diorite
3144S	TYA8	31	1.1	2.0	10	70		SW:02; O:L; talus of diorite
3145S	TYA8	19	0.8	2.0	10	40		SW:02; O:L; diorite talus
3146S	TYA8	37	1.2	2.0	10	120		SW:02; O:L; talus of granodiorite diorite
3147S	TYA8	83	1.1	4.0	10	100		SW:02; O:L; talus of metasediments e.g. siltstone; some diorite; stream is on contact
3148S	TYA8	44	1.1	2.0	10	85		SW:05; O:L; outcrop of sediments, siltstone; upstream rocks are diorite
3149S	LHC1	1000	2.9	3.0	80	210		SW:02; O:L; biotite diorite cut by fractures of tourmaline-chalcopyrite; much malachite stain
3165D	LHB1	4	0.8	5.0	20	50		O:L; granite, granodiorite
3166D	LHB1	6	0.4	1.0	10	35		SW:01; M:D; S:3; O:L; talus
3167D	LHB1	19	0.8	3.0	25	105		SW:01; SH:B; M:M; S:3; OL; granite
3168D	LHB1	16	0.8	1.0	15	60		SW:01; SH:B; M:D; S:3; granite
3169S	LHB1	4	0.5	2.0	10	40		SW:01; M:D; S:3; O:L; dry creek; granite
3170D	LHB1	5	0.5	1.0	15	35		SW:01; M:D; S:3; O:L; talus; granite
3171S	LHB1	8	0.5	1.0	15	45		SW:01; M:W; S:3; O:L
3172S	LHB1	5	0.5	2.0	10	30		SW:02; M:W; S:3;]:L; granite
3173S	LHB1	5	0.5	3.0	10	45		SW:03; S:3; O:L; M:M; Granite
3174S	LHB1	7	0.6	1.0	15	50		[illegible]

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3176R	LHA2	170	3.0	6.0	140	450		Volcanic rock chip sample from talus
3177S	LHA2	85	0.8	2.0	10	60		SW:09; M:M; S:3; O:L
3178S	LHA2	66	0.9	3.0	15	70		SW:01; M:W; S:3; O:L
3179S	LHA2	61	0.9	3.0	10	65		SW:04; M:W; S:3; O:L
3180S	LHA2	52	0.5	1.0	10	35		SW:05; M:W; S:3; OL
3181S	LHB1	15	0.8	5.0	20	90		S:3; O:L; bedrock is granite
3182S	LHB1	9	0.7	2.0	10	30		S:3; O:L; bedrock is granite; pink biotite granite
3183S	LHB1	7	0.6	3.0	10	30		S:3; O:L; same as above comments
3184S	LHB1	150	2.4	17.0	65	125		S:3; O:L; bedrock is grano-diorite, iron-stained; no visible sulfides; granodiorite intrudes diorite
3185R	LHB1	110	1.1	11.0	10	45		Same as above remarks
3186S	LHB1	110	1.1	4.0	40	100		S:3; O:L; fine-grained grano-diorite; well-fractured; iron stain on E-W joints; traces of chalcopyrite
3187S	LHB1	47	1.4	3.0	35	55		S:3; O:L; bedrock is granodiorite same as above
3188S	LHB1	370	31.0	9.0	600	115		S:3; O:L; same as above
3189S	LHB1	80	2.1	3.0	115	145		S:3; O:L; bedrock is volcanics; argillites
3190S	LHB1	43	1.0	3.0	75	205		S:3; O:L; bedrock is granodiorite
3191S	LHB1	42	1.3	4.0	35	55		S:3; O:L; bedrock is granodiorite; same as above; diorite
3192S	LHB1	250	1.8	13.0	35	250		S:3; O:L; bedrock is volcanics
3193S	LHB1	130	1.0	30.0	15	80		S:3; O:L; bedrock is granodiorite; chalcopyrite & molybdenum in shear zone; unaltered granite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3194S	LHB1	200	0.9	38.0	15	60		S:3; O:L; bedrock is granodiorite; moly. & chalcopyrite in quartz vein
3195S	LHB1	12	0.8	7.0	20	80		S:3; O:L; bedrock is granodiorite
3200S	TYB8	13	0.9	2.0	15	70		SW:06; O:M; bedrock is granodiorite
3201S	LHB1	9	0.8	3.0	15	70		SW:06; S:1; O:L; granite float
3202S	LHB1	16	1.0	3.0	20	70		SW:20; S:3; O:L; granite float
3203S	LHB1	5	0.7	2.0	10	25		SW:03; S:2; O:L; granite float
3204S	LHB1	7	0.8	3.0	10	30		SW:08; S:2; O:L; granite float
3205S	LHB1	16	0.9	6.0	20	45		SW:06; S:2; O:L; granite float
3206S	LHB1	7	0.6	2.0	10	25		SW:03; S:3; O:L; granite float
3207S	LHB1	7	0.7	3.0	20	135		SW:dry; S:3; O:L; granite float
3208S	LHB1	8	0.6	1.0	10	30		SW:dry; S:3; O:L; granite float
3209S	LHB1	17	1.0	4.0	20	60		SW:dry S:2; O:L; granite float
3210S	LHB1	8	0.7	3.0	10	45		SW:10; S:3; O:L; granite float
3211S	LHB1	12	0.8	8.0	20	80		SW:dry; S:2; O:L; granite float
3212S	LHB1	8	0.6	4.0	10	30		SW:08; S:3; O:L; granite float
3213D	LHB1	20	1.0	15.0	15	65		SW:dry; SH:A; CL:B; M:M; S:2; O:H; granite float
3214S	LHB1	4	0.6	2.0	5	15		SW:12; O:L; S:3; granite float
3215S	LHB1	8	0.7	11.0	10	40		SW:dry; S:3; O:L; granite float
3216S	LHB1	43	1.1	10.0	20	65		SW:dry; S:2; O:L; granite float

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3217S	LHB1	27	1.0	6.0	25	125		SW:dry; S:2; O:L; granite float
3218S	LHB1	9	0.6	8.0	10	25		SW:braided 30'; S:2-3; O:L; granite float
3219S	LHB1	7	0.8	4.0	25	55		SW:dry; S:3; O:L; granite float
3220S	LHB1	12	0.9	25.0	20	55		SW:02; S:2; O:M; granite float
3221S	LHB1	17	1.0	3.0	20	45		SW:dry; S:3; O:L; granite float
3222S	LHB1	8	0.6	4.0	10	25		SW:34; S:2; O:L; granite float
3223S	LHB1	7	0.7	3.0	15	55		SW:02; S:3; O:L; granite float
3224S	LHB1	8	0.7	3.0	25	85		SW:dry S:3; O:L; granite float
3225S	LHB1	6	0.7	2.0	75	165		SW:dry; S:2; O:L; granite float
3226S	LHA2	7	0.6	2.0	15	55		SW:03; S:2-3; O:L; granite float
3227S	LHB1	7	0.7	3.0	30	120		SW:04; M:M; S:3; O:L; granites & volcanics
3228D	LHB1	9	0.8	3.0	35	115		SW:01; SH:B; M:M; S:3; O:M; granite
3229S	LHB1	13	0.8	4.0	25	125		SW:02; M:M; S:3; OM; dry creek; granite
3230S	LHB1	20	1.6	4.0	50	175		SW:dry; M:M; S:3; O:L; granite w/some volcanics
3231D	LHB1	4	0.6	5.0	10	35		SW:01; SH:B; M:M; S:3; O:L; granites
3232S	LHB1	9	0.6	4.0	25	85		SW:05; M:W; S:3; O:L; granite & volcanics
3233S	LHB1	9	0.5	7.0	30	60		SW:02; M:M; S:3; O:L; granite
3234S	LHB1	7	0.6	1.0	20	65		SW:03; M:M; S:3; O:L; granites & mafic-intermediate volcanics
3235D	LHB1	6	0.6	1.0	20	65		SW:01; SH:B; M:M; S:3; O:M; granite and volcanics

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3236S	LHB1	11	0.7	3.0	35	150		SW:02; M:M; S:3; O:M; granite ; dry creek
3237S	LHB1	12	0.8	11.0	25	90		SW:02; M:M; S:3; O:M; granite; dry creek
3238S	LHB1	7	0.7	5.0	25	75		SW:03; M:M; S:3; O:L; granite
3239S	LHB1	6	0.6	1.0	15	55		SW:04;; M:M; S:3; o:L; biotite granite & mafic intermediate volcanics
3240D	LHB1	11	1.1	2.0	50	105		SW:01; SH:B; M:M; S:3; O:M; granite & volcanics
3241S	LHB1	110	1.5	4.0	50	200		SW:02; S:3; O:L; M:M; volcanics & granite
3242D	LHB1	15	0.9	3.0	45	100		SW:01; SH:B; M:M; S:3; O:L; talus; biotite granite
3243S	LHB1	22	0.9	6.0	55	160		SW:02; M:M; S:3; O:L; mafic-intermediate volcanics & granite
3244D	LHB1	20	0.7	4.0	40	145		SW:01; SH:B; M:M; S:3; O:L; talus; mafic volcanics; porphyritic basalts & some granite
3245D	LHB1	12	0.8	1.0	35	60		SW:01; SH:B; M:M; S:2; O:M; granites
3246D	LHB1	6	0.8	1.0	10	25		SW:02; SH:B; M:M; S:3; O:M;talus; granites
3247D	LHB1	6	0.4	1.0	10	30		SW:01; SH:B; M:M; S:3; o:L; talus; granite
3248D	LHB1	8	0.5	1.0	10	25		SW:01; SH:B; M:M; S:3; OL; talus; granites
3249D	LHB1	6	0.5	1.0	10	20		SW:01; SH:B; M:M; S:3; O:L; granite
3250D	LHB1	14	0.6	3.0	5	15		SW:01; M:M; SH:B; S:3; O:L; talus; light iron-staining

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3251S	LHA1	28	0.6	3.0	15	60		SW:03; O:L; moraine top of glacier; mostly diorite, some granodiorite
3252S	LHA1	8	0.4	2.0	5	25		SW:04; O:L; stream top of glacier; iron-stained siltstone
3253S	LHA1	8	0.4	1.0	10	50		S:4; O:L; diorite & siltstone
3254S	LHA1	10	0.5	1.0	10	35		SW:01; O:L; talus of diorite
3255S	LHA1	11	0.4	1.0	5	30		SW:02; O:L; talus of diorite
3256S	LHA1	10	0.4	1.0	5	25		SW:04; O:L; diorite, granodiorite, some siltstone
3257S	LHA1	9	0.4	3.0	10	40		O:L; talus of porphryritic granodiorite
3258S	LHA1	13	0.5	9.0	15	45		O:L; talus porphyritic grano-diorite
3259S	LHA1	15	0.6	8.0	10	35		O:L; talus or porphyritic grano-diorite w/trace of molybdenum as bleb
3260S	LHA1	71	0.7	2.0	10	100		O:L; talus top of glacier of diorite; some mafics
3261S	LHA1	68	1.1	1.0	50	500		Talus on outcrop of limestone having some impurities & siltstone; SW:01; O:L
3262S	LHA1	78	0.8	3.0	40	145		O:L; talus o f siltstone; laminated; slightly iron-stained
3263S	LHA1	20	0.5	5.0	20	100		SW:01; O:L; talus of iron & manganese stained granite; weak argillic alteration
3264S	LHA1	15	0.5	4.0	15	60		SW:02; O:L; iron & manganese staining granite w/argillic alteration; 10" boulder of massive galena replacement

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3265S	LHA1	20	0.5	1.0	10	50		SW:02; O:L; glacier-top stream; draining granitic rhyolite
3266S	LHA1	13	0.5	5.0	15	90		SW:01; O:L; trace of galena & molybdenum; glacial stream
3267S	LHA1	11	0.5	9.0	15	75		O:L; talus of fresh granite
3268S	LHA1	9	0.6	22.0	15	150		O:L; talus of granite fresh
3269S	LHA1	13	0.5	3.0	5	50		O:L; talus of granite fresh
3270S	LHA1	20	0.7	5.0	15	80		O:L; talus of granite
3271R	LHA1	5	1.0	5.0	20	120		Skarn of Pb & hematite on glacial moraine
3272S	LHA2	130	1.0	2.0	15	100		SW:02; O:L; glacial stream draining siltstone; strong iron-stain
3273S	LHA2	39	0.7	2.0	15	60		SW:02; O:L; stream top of glacier; large draining area; sediments of siltstone
3274S	LHA2	13	0.8	1.0	25	85		SW:03; O:L; outcrop & talus of biotite granite
3275S	LHA2	18	0.6	1.0	5	20		SW:04; O:L; large drainage of glacial stream; some granite, mostly siltstone
3276S	LHA2	5	0.6	1.0	10	75		SW:01; O:L; talus of granite
3277S	LHA2	3	0.6	2.0	15	65		SW:02; O:L; talus of biotite granite
3278S	LHA2	6	0.7	2.0	15	80		SW:03; O:L; talus of biotite granite
3279S	LHA2	22	0.8	2.0	10	30		SW:06; O:L; biotite granite
3280S	LHA2	8	0.7	2.0	15	75		O:L; talus of biotite granite
3281S	LHA2	10	0.7	2.0	20	95		SW:02; O:L; same as above
3282S	LHA2	16	0.9	2.0	15	75		SW:04; O:L; talus biotite diorite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3283S	LHA2	20	0.8	2.0	15	80		SW:03; O:L; talus of biotite diorite
3284S	LHA2	14	0.7	2.0	10	60		SW:02; O:L; talus of biotite diorite
3285S	LHB1	60	0.9	1.0	10	80		SW:04; O:L; stream draining siltstone; some diorite float
3286S	LHB1	2	0.3	1.0	5	15		SW:04; O:L; glacial stream draining porphyritic granite
3287S	LHB1	17	0.6	12.0	30	70		SW:03; O:L; talus draining porphyritic granite which has numerous inclusions of dark diorite
3288S	LHB1	24	0.6	4.0	50	85		SW:04; O:L; moraine of porphyritic granite
3289S	LHB1	14	0.6	3.0	15	85		SW:04; O:L; moraine of porphyritic granite
3290S	LHB1	4	0.3	1.0	5	25		SW:04; O:L; moraine of granodiorite & porphyritic diorite
3291S	LHB1	7	0.3	1.0	5	20		SW:06; O:L; outcrop & morain of porphyritic granite & iron-stained granodiorite w/disseminated pyrrhotite
3292S	LHB1	6	0.4	2.0	10	35		SW:05; O:L; moraine of granite
3293S	LHB1	15	0.6	1.0	15	45		SW;04; O:L; moraineof granite
3294S	LHB1	2	0.3	1.0	5	10		SW:03; O:L; glacial stream draining porphyritic pink granite
3295S	LHB1	2	0.3	1.0	5	10		SW:02; O:L; moraine of biotite granite
3296S	LHB1	7	0.6	1.0	20	55		SW:04; O:L; moraine of biotite granite
3297S	LHB1	6	0.4	1.0	10	50		SW:05; O:L; same as above comments
3298S	LHB1	4	0.3	1.0	10	25		SW:03; O:L; same as above
3299S	LHB1	2	0.3	1.0	5	15		SW:04; O:L; outcrop & moraine of biotite granite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3300S	LHB1	5	0.4	1.0	20	45		SW:04; O:L; outcrop & talus of granite
3301D	LHA1	17	0.8	7.0	110	450		O:L; granite
3302D	LHA1	30	1.2	2.0	60	115		O:M; volcanics & quartz diorite w/disseminated pyrrhotite (some)
3303D	LHB1	260	1.7	2.0	35	105		O:L; iron-stained meta-volcanics & some diorite w/disseminated pyrrhotite
3304D	LHA1	78	0.9	3.0	25	135		OM; volcanics
3305S	LHA1	19	0.8	1.0	35	115		SW:03; O:L; quartz diorite, granite & volcanics
3306D	LHA1	25	0.8	2.0	15	75		O:L; volcanics & some diorite
3307S	LHA1	18	0.8	2.0	20	65		SW:02; O:L; granite & volcanics
3308S	LHA1	3	0.4	1.0	10	30		SW:06; O:L; quartz diorite; granite some chlorite, epidote & pegmatite
3309D	LHA1	13	0.9	2.0	30	65		O:L; granite; some epidote, some pegmatitic granite
3310D	LHA1	19	0.7	2.0	30	65		O:L; granite
3311S	LHA1	3	0.4	1.0	10	35		SW:03; O:L; quartz diorite; quartz monzonite; granite
3312S	LHA1	11	0.7	1.0	30	95		SW:03; O:L; same as above
3313S	LHA1	11	0.8	2.0	40	100		SW:03; O:L; same as above
3314S	LHA1	9	0.6	2.0	10	40		O:L; sediments from spring run-off; same as above comments
3315S	LHA1	4	0.5	1.0	5	25		SW:02; O:L; quartz diorite , granite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3316S	LHAl	19	0.6	3.0	10	55		SW:03; O:L; quartz diorite, granodiorite, granite float
3317S	LHAl	14	0.5	5.0	10	40		SW:01; O:L; quart diorite & granites
3318S	LHAl	21	0.6	1.0	10	45		SW:01; O:L; granodiorite & altered quartz porphyry
3319R	LHAl	9	0.5	7.0	45	40		Altered quartz porphyry w/small quartz veinlets & a black lustrous mineral
3320S	LHAl	24	0.6	2.0	10	30		O:L; sediments from spring runoff; granodiorite
3321D	LHAl	22	0.7	1.0	10	40		O:L; quartz diorite or granodiorite
3322D	LHAl	24	0.7	2.0	10	40		O:M; biotite granodiorite & altered quartz monzonite porphyry
3323S	LHAl	5	0.3	4.0	5	25		O:L; dry sediments from spring runoff; biotite granodiorite
3324S	LHAl	17	0.7	6.0	40	90		O:L; dry sediments; granodiorite
3325S	LHAl	4	0.3	5.0	5	20		O:L; same as above sample remarks
3326S	LHAl	12	0.8	3.0	25	70		O:L; granodiorite, granite
3327S	LHAl	13	0.5	3.0	10	40		O:L; granites, granodiorite
3328S	LHAl	5	0.5	3.0	15	45		SW:01; O:L; quartz monzonite; granite
3329D	LHAl	3	0.4	1.0	15	40		O:L; quartz monzonite; granite; some quartz diorite or granodiorite; mangancse abundant; wome epidote; chlorite hematite; evidence of hydrothermal alteration; pegmatites in very fine-grained granite

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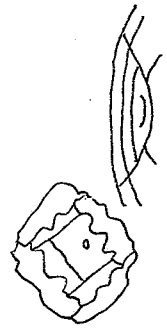
Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3330S	LHA1	11	0.6	3.0	35	90		SW:01; O:L; glacial melt; granite
3331S	LHA1	10	1.0	4.0	10	30		SW:dry; S:3; O:L; quartz biotite porphyry
3332S	LHA1	11	0.7	7.0	35	70		SW:06; S:3; o:L; bedrock is quartz porphyry; same as above
3333S	LHA1	18	2.9	29.0	215	145		SW:dry; S:3; O:L; bedrock is granodiorite; quartz biotite porphyry
3334S	LHA1	8	0.6	4.0	30	50		SW:01; S:3; O:L; bedrock is quartz porphyry
3335S	LHA1	8	0.6	4.0	25	40		SW:dry; S:3; O:L; bedrock is quartz porphyry; same as above
3336S	LHA1	20	0.7	4.0	15	75		SW:02; S:3; O:L; same as above
3337S	LHA1	8	0.7	4.0	25	45		SW:03; S:2; O:L; same as above
3338S	LHA1	10	0.7	5.0	20	75		SW:06; S:3; O:L; bedrock is granodiorite
3339S	LHA1	62	1.7	11.0	90	210		SW:dry; S:3; O:L; bedrock is granodiorite
3340S	LHA1	17	0.8	4.0	20	120		SW:dry; S:3; O:L; same as above
3341S	LHA1	10	0.6	3.0	15	55		SW:dry; S:3; O:L; same as above
3342S	LHA1	7	0.8	4.0	25	45		SW:01; S:3; O:L; bedrock is granodiorite
3343S	LHA1	15	0.7	3.0	15	55		SW:dry ; S:3; O:L; bedrock is granite
3344S	LHA1	4	0.5	6.0	15	80		SW:02; S:3; O:L; bedrock is granite
3345S	LHA1	5	0.5	3.0	20	105		S:3; O:L; bedrock is granite
3346S	LHA1	7	0.6	5.0	20	65		S:3; O:L; bedrock is granite & quartz monzonite
3347S	LHA1	3	0.4	2.0	10	35		S:3; O:L; same as above



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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3348S	LHA1	17	0.8	6.0	100	175		S:3; o:L; bedrock is granite
3349S	LHA1	17	0.8	6.0	105	195		SW:dry; S:3; O:L; bedrock is granite
3350S	LHA1	18	0.9	7.0	115	205		SW:dry; S:3; O:L; same as above
3351S	LHA1	9	0.6	5.0	20	50		SW:02; S:3; O:L; granite, granodiorite
3352R	LHA1	5	0.5	4.0	5	20		
3353S	LHA1	15	0.7	4.0	50	105		SW:02; M:M; S:3; O:L; biotite granite
3354D	LHA1	72	2.6	28.0	140	170		SW:01; SH:B; M:M; S:3; o:L; granites;granodiorites w/dikes; some alteration
3355S	LHA1	19	1.0	1.0	15	35		SW:01; M:M; S:3; O:M; granite
3356S	LHA1	7	0.6	9.0	10	35		SW:02; M:M; S:3; O:L; granite-granodiorite; light iron stain
3357S	LHA1	9	0.6	9.0	20	50		SW:02; M:M; S:3; O:L; granite granodiorite
3358S	LHA1	14	0.7	10.0	20	55		SW:02; M:M; S:3; O:L; same as above
3359S	LHA1	16	0.9	7.0	70	120		SW:02; M:M; S:3; O:L; granite granodiorite
3360D	LHA1	10	0.8	11.0	50	100		SW:01; M:M; S:3; O:M; talus; granite
3361D	LHA1	33	1.0	1.0	10	55		SW:dry; SH:B; M:M; S:3; O:L; same as above- granite granodiorite
3362D	LHA1	190	0.7	7.0	5	35		SW:01; SH:B; M:M; S:2; O:L; granite
3363S	LHA1	19	0.9	1.0	10	30		SW:02; M:M; S:3; O:L; biotite granite; dry creek
3364D	LHA1	24	0.9	1.0	10	35		SW:01; SH:B; M:M; S:2; O:M; biotite granite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3365S	LHA1	9	0.6	1.0	5	25		SW:02; M:M; S:3; O:L; biotite granite; light iron stain
3366D	LHA1	21	1.0	1.0	10	35		SW:01; SH:B; M:M; S:2; O:M; talus; biotite granite
3367D	LHA1	26	0.8	7.0	15	45		SW:01; SH:B; M:M; S:3; o:L; talus; same as #3365
3368D	LHA1	28	0.9	9.0	15	55		SW:01; SH:B; M:M; S:3; O:L; talus; biotite granite; some light iron stain
3369S	LHA1	15	0.9	1.0	20	75		SW:02; M:M; S:3; O:M; dry creek
3370~~D~~S	LHA1	24	0.7	1.0	10	55		SW:02; SH:B; M:M; S:2; O:H; volcanics
3371~~D~~S	LHA1	42	1.0	2.0	60	225		SW:01; SH:B; M:M; S:2; o:M; same
3372D	LHA1	73	1.3	4.0	60	200		SW:01; SH:B; M:M; S:3; O:L; talus; iron-stained granite & volcanics
3373S	LHA2	8	0.6	2.0	15	60		SW:dry; S:3; granite float
3374S	LHA2	7	0.6	2.0	15	50		SW:dry; S:3; granite float O:L
3375S	LHA2	4	0.5	1.0	10	35		SW:dry; S:3; O:L; granite float
3376S	LHD2	4	0.4	1.0	5	20		SW:06; S:3; .:L; granite float; milky stream
3377S	LHA2	3	0.5	1.0	10	45		SW:05; S:3; o:L; granite float; clear stream
3378S	LHA2	3	0.4	2.0	10	40		SW:dry; S:3; O:L; granite float
3379S	LHA1	4	0.5	2.0	10	40		SW:dry; S:3; O:L; granite float
3380S	LHA2	7	0.6	4.0	25	70		SW:dry; S:3; O:L; sand & gravel from dry wash on talus slope
3381S	LHA2	14	0.6	3.0	15	55		SW:dry; S:3; O:L; granite float
3382S	LHA2	33	0.5	2.0	5	25		SW:01; S:3; O:L; granite & hornfels float

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3383S	LHA2	8	0.5	2.0	15	45		SW:dry; S:3; O:L; granite float
3384S	LHA2	25	0.7	2.0	15	50		SW:dry S:2-3; O:L; granite float
3385S	LHA1	3	0.3	1.0	5	20		SW:06; S:3; O:L; granite float
3386S	LHA1	17	0.7	9.0	15	50		SW:dry; S:2; O:L; dry wash through granite talus
3387S	LHA1	8	0.6	2.0	10	30		SW:02; S:2; o:H; granite float
3388S	LHA1	14	0.6	3.0	10	40		SW:dry; S:3; O:M-L; granite float; dry wash in talus slope
3389S	LHA1	15	0.6	1.0	10	40		SW:dry; S:2; O:L; granite float
3390S	LHA1	16	0.7	2.0	10	40		SW:dry; S:3; O:L; granite float
3391S	LHA1	19	0.6	3.0	10	55		SW:04; S:3; o:L; stream sediments on ice
3392S	LHA1	14	0.5	1.0	15	45		SW:dry; S:3; O:L; dry stream sediments 4' wide bed; granite float
3393R	LHA1	19	0.7	1.0	10	40		S:3; O:L; fines from granite talus slope
3394S	LHA1	6	0.4	7.0	25	90		SW:dry; S;3; O:L; 40' dry wash on talus; granite float
3395R	LHA1	10	0.5	4.0	45	80		Fines from talus going over moraine; granite; O:L
3396R	LHA1	6	47.0	2.0	20500	18500		Galena-bearing altered granite
3397D	LHA2	16	0.7	2.0	15	55		O:M; granodiorite; granite; some volcanics
3398S	LHA2	10	0.7	2.0	15	75		O:L; sediments from spring run-off; granodiorite; granite
3399S	LHA2	3	0.4	1.0	10	40		SW:04; O:L; glacial; granodiorite; quartz monzonite; volcanics in float
3400S	LHA2	11	0.7	3.0	10	35		O:L; granodiorite; sediments from spring runoff

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3401S	LHA2	3	0.4	1.0	5	10		SW:08; O:L; glacial; quartz diorite & volcanics
3402S	LHA2	12	0.5	1.0	10	35		O:L; granodiorite, volcanics; glacial
3403S	LHA2	7	0.5	1.0	10	30		O:L; same as above; andesite
3404S	LHA2	9	0.5	2.0	10	35		O:L; granodiorite
3405S	LHA2	27	0.7	7.0	20	95		SW:01; O:L; granodiorite, dacite & volcanics
3406S	LHA2	17	0.6	2.0	10	50		SW:01; O:L; glacial melt on contact between volcanics & granodiorite
3407S	LHA1	10	0.6	10.0	10	40		SW:02; O:L; granodiorite; granite
3408S	LHA1	15	0.6	1.0	10	30		SW:01; O:M; granodiorite, granite
3409S	LHA1	11	0.5	3.0	5	30		SW:01; O:L; same as above
3410S	LHA1	9	0.5	2.0	10	40		SW:02; O:L; quartz diorite; granodiorite; granite
3411S	LHA1	13	0.6	3.0	5	30		SW:02; O:L; granodiorite & granite
3412S	LHA1	15	0.6	3.0	10	40		SW:02; O:L; granodiorite; granite
3413S	LHA1	not received by lab.						SW:02; O:L; same as above comments
3414S	LHA1	20	0.8	2.0	10	40		SW:02; O:H; same as above comments
3415S	LHA1	10	0.5	3.0	5	30		SW:05; O:L; same as above comments
3416S	LHA1	47	0.7	13.0	50	120		SW:04; S:2; o:L; bedrock is granodiorite; andesite,hornfels
3417S	LHA1	31	0.9	6.0	80	165		SW:01; S:2; o:L
3418S	LHA1	20	0.9	4.0	20	140		SW:01; S:2; O:L; bedrock is granite; sheared granite, hematite, red staining; weathered

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3419S	LHA1	16	0.4	1.0	15	50		SW:04; S:2; o:L; lateral glacial stream
3420S	LHA1	14	0.4	1.0	15	45		SW:07; S:2; o:L; bedrock is granite; main glacial stream
3421S	LHA1	6	0.3	2.0	15	50		S:3; O:L; bedrock is granite
3422S	LHA1	22	0.8	5.0	40	190		SW:dry; S:2; O:L; bedrock is granite; metasediments w/disseminated sulfides
3423S	LHA1	5	0.5	4.0	35	75		S:3; O:L; bedrock is granite
3424S	LHA1	10	0.6	5.0	35	85		SW:04; S:3; O:L; bedrock is granite
3425S	LHA1	8	0.6	5.0	35	185		SW:04; S:3; O:L; bedrock is granite
3426S	LHA1	27	0.8	10.0	30	170		SW:04; S:3; O:L; bedrock is granite
3427S	LHA1	27	1.3	22.0	45	160		SW:05; S:3; O:L; bedrock is granite
3428S	LHA1	6	0.4	5.0	10	30		SW:03; S:3; o:l; bedrock is granite
3429S	LHA1	10	0.5	5.0	10	30		SW:03; S:3; O:L; bedrock is granite
3430S	LHA1	8	0.5	5.0	5	30		SW:dry; S:3; O:L; bedrock is granite
3431S	LHB1	5	0.7	1.0	20	30		SW:dry; S:3; O:L; same as above
3432S	LHB1	5	0.6	2.0	20	35		S:3; O:L; bedrock is granite
3433S	LHB1	5	0.6	1.0	20	30		SW:06; S:3; O:L; same as above
3434S	LHB1	5	0.6	1.0	20	35		S:3; O:L; bedrock is granodiorite
3435S	LHB1	8	0.7	2.0	20	40		S:3; O:L; bedrock is granodiorite
3436S	LHB1	15	1.0	2.0	30	50		S:3; O:L; bedrock is granodiorite
3437S	LHB1	5	0.7	1.0	10	25		S:3; O:L; same as above

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3438S	LHB1	8	0.7	2.0	10	45		SW:dry; S:e; O:L; bedrock is granodiorite
3439S	LHB1	8	0.8	7.0	30	65		S:3; O:L; bedrock is aplite
3440S	LHB1	1	0.3	0	5	5		SW:10; O:L; granite; granodiorite; glacial
3441D	LHB1	8	0.5	1.0	10	25		O:H; granodiorite
3442S	LHA1	62	1.3	2.0	20	35		SW:04; S:2; O:L; bedrock is granite (?); mafic diorite cobble & boulder float
3443S	LHA1	28	1.0	1.0	15	45		SW:03; S:2; O:L; med.-coarse-grained granite w/swirls of fine-grained biotite diorite & pegmatite; some mafic diorite cobble float
3444S	LHA1	28	0.8	2.0	15	50		SW:01; S:3; O:L; bedrock is diorite; mafic dioritic contact area w/ granodiorite
3445D	LHA1	35	0.8	4.0	10	75		Lateral moraine sediments; contact area of granodiorite/ hornfels/ calcite/silica
3446D	LHA1	31	0.9	2.0	10	70		S:2; O:L; contact area of silica/ hornfels; granodiorite; medial moraine
3447D	LHA1	39	1.2	2.0	10	65		Contact area; same as above remarks
3448S	LHA1	32	1.2	2.0	10	55		SW:dry; S:2; O:L; contact area of diorite/hornfels & metasediments
3449S	LHA1	63	0.7	2.0	10	50		SW:03; S:2; O:L; bedrock is hornfels; pyrite; marble-calcite-silica beds

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3450S	LHA1	34	1.7	2.0	15	55		SW:06; S:3; O:L; sediment/diorite contact area
3458D	LHB1	14	0.8	1.0	15	55		O:L; granodiorite
3459S	LHA1	2	0.4	1.0	5	15		SW:8; O:L; glacial; quartz diorite granodiorite andesite or fine-grained diorite
3460D	LHA1	7	0.6	3.0	5	35		O:L; talus fine-grained granodiorite & quartz diorite
3461S	LHA1	17	0.7	2.0	5	40		O:L; quartz diorite & granodiorite; some disseminated pyrrhotite
3462R	LHA1	12	0.8	3.0	30	60		Biotite granodiorite w/disseminated pyrrhotite; some chalcopyrite; weathered orange to red
3463S	LHA1	7	0.5	1.0	5	10		SW: 12; O:L; glacial; quartz diorite; granodiorite, andesite, fine-grained diorite; some pegmatitic granite in float
3464S	LHA1	6	0.6	2.0	5	30		O:L; granodiorite; manganese; magnetite prevalent; no alteration
3465D	LHA1	4	0.6	1.0	5	25		O:L; biotite granodiorite
3466S	LHA1	6	0.5	1.0	5	20		SW:01; O:L; glacial melt; quartz diorite, granodiorite
3467R	LHA2	480	1.0	18.0	35	90		Malachite & calcite (?) in quartzite or rhyolite; mineralization similar to Jimmy Lake
3468D	LHA2	13	0.7	2.0	35	190		O:L; dacite or andesite
3469D	LHA2	40	0.6	3.0	35	125		O:L; intrusive breccia (?)
3470D	LHA2	24	0.8	3.0	35	75		O:L; volcanics & altered granitic intrusives
3471D	LHA2	19	0.8	3.0	20	85		O:M; intrusives & volcanics
3472D	LHA2	13	0.6	2.0	15	85		O:L; altered granite & granodiorite; some volcanics
3473D	LHB1	10	0.5	2.0	15	40		SW:01; SH:B; M:M; S:3; O:L; talus; granite,w/dikes; mafic; intermediate
3474S	LHB1	2	0.5	1.0	10	20		SW:02; S:3; O:L; M:M; dry creek; granite,granodiorite
3475S	LHB1	6	0.5	1.0	10	25		SW:02; M:M; S:3; O:L; dry creek; biotite granite; very little iron-staining

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3476S	LHB1	4	0.4	1.0	5	10		SW:03; O:L; M:M; S:3; granite - granodiorite
3477D	LHA2	10	1.1	2.0	15	45		SW:01; SH:B; M:M; S:3; O:M
3478D	LHA2	20	0.9	3.0	25	95		SW:01; SH:B; M:M; S:2; O:M; granodiorite & volcanics
3479D	LHA1	16	0.9	2.0	10	70		M:D; S:3; O:M; talus; granodiorite & volcanics
3480S	LHA2	12	0.7	2.0	10	55		SW:03; M:W; S:3; O:L; granodiorite & volcanics
3481S	LHA2	33	1.1	5.0	20	125		SW:02; M:M; S:3; O:L; granodiorite & some volcanics
3482D	LHA2	28	1.0	3.0	20	95		SW:01; SH:B; M:M; S:3; O:L; talus; same as above
3483D	LHA2	4	0.4	1.0	5	20		SW:01; SH:B; M:M; S:3; O:L; talus
3484D	LHA2	11	0.6	2.0	10	30		SW:01; SH:B; M:M; S:3; O:M; talus; volcanics
3485D	LHA2	19	0.8	4.0	20	125		SW:01; SH:B; M:M; S:2; O:M; talus; mafic volcanics; porphyritic basalt; little granite
3486S	LHA2	10	0.6	10.0	15	55		SW:03; M:D; S:3; O:L; granite & volcanics
3487S	LHA2	13	0.7	6.0	15	95		SW:02; M:M; S:3; O:L; granite & mafic volcanics
3488S	LHA2	6	0.4	3.0	10	40		SW:03; M:M; S:3; O:L; granite & mafic volcanics
3489D	LHA2	5	0.6	3.0	10	30		SW:01; S:3; O:L; M:M; granite & mafic volcanics
3490S	LHA2	24	0.8	1.0	5	40		SW:03; M:M; S:2; O:L; granite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
3491D	LHA2	10	0.7	2.0	10	30		SW:01; SH:B; M:M; S:3; O:L; talus; granite
3492D	LHA2	6	0.4	3.0	10	30		SW:01; SH:B; M:M; S:2; O:L; talus; granite
3493S	LHA2	4	0.3	1.0	5	10		SW:02; M:M; S:3; O:L; granite
3494D	LHA2	3	0.3	1.0	5	15		SW:01; SH:B; M:M; S:3; O:L; granite
3495D	LHA2	3	0.4	4.0	5	20		SW:01; SH:B; M:M; S:3; O:L; talus granite
3496D	LHA1	25	0.8	2.0	10	55		SW:01; SH:B; M:M; S:3; O:L; talus
3497D	LHA1	12	0.8	1.0	10	30		SW:01; SH:B; M:M; S:3; O:M; talus granite
3498S	LHA1	8	0.8	3.0	30	120		SW:02; M:M; S:3; O:L; granite to quartz diorite w/dike rocks
3499D	LHA1	25	1.0	3.0	15	70		SW:01; SH:B; M:M; S:3; o:M; talus
3500D	LHA1	20	0.9	1.0	15	40		SW:01; SH:B; M:M; S:3; O:L; talus; granite; light iron-staining
3501S	TYD8	190	1.4	2.0	55	125		SW:02; O:L; outcrop and talus of biotite diorite
3502S	TYD8	97	1.6	5.0	40	110		SW:01; O:L; talus biotite diorite
3503S	TYD8	51	1.0	1.0	30	75		SW:02; O:L; same as above
3543D	LHB1	8	0.6	1.0	10	40		SW:02; S:3; O:L; granite
3544D	LHB1	80	1.0	3.0	15	115		SW:02; S:3; O:L'

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
4000S	LHB1	27	1.3	8.0	70	115		SW:03; S:2; O:L; bedrock is grano-diorite
4001S	LHB1	9	1.2	5.0	15	55		SW:01; S:3; O:M; bedrock is granite
4002S	LHB1	8	0.8	2.0	15	45		
4003S	TYB8	24	1.0	1.0	10	70		SW:05; S:2; O:L; bedrock is granite; andesite & hornfels
4004S	TYB8	33	1.1	2.0	15	105		SW:01; S:2; O:L; bedrock is quartz diorite
4005S	TYB8	58	1.1	3.0	15	120		SW:01; S;3; O:L; bedrock is quartz diorite; biotite hornblende, quartz diorite w/augite accessory
4006SS	TYB8	59	1.0	3.0	10	115		SW:01; S:2; O:L; sediments= hornfels w/limy beds 10%; contact area w/quartz diorite
4007S	TYB8	63	1.0	3.0	15	90		SW:01; S:2; O:L; bedrock is sediments-limy hornfels, quartz diorite contact area molybdenum 5%
4008S	TYB8	24	0.9	3.0	15	75		SW:03; S:2; O:L; bedrock is quartz diorite
4009S	TYB8	59	1.1	1.0	20	75		SW:01; S:3; O:M; bedrock is quartz diorite; quartz diorite/ andesite/volcanic contact area
4010S	TYB8	74	0.9	5.0	15	75		SW:01; S:2; o:L; bedrock is sedimentary/hornfels w/limy beds contacting w/quartz diorite
4011S	TYB8	96	1.1	2.0	20	70		SW:0; S:2; O:L; bedrock is quartz diorite; quartz diorite/andesitic volcanic contact area; dry creek

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
4012S	TYB8	150	1.9	5.0	25	130		SW:0; S:2;O:L;bedrock is sedimentary; fault contact area; abundant dolomite & quartz veins
4014S	TYB8	38	0.7	3.0	10	60		SW:05; S:2; O:L; bedrock is granodiorite/andesite & mafic volcanics contact area
4015S	TYB8	90	1.7	4.0	70	185		SW:0; S:2; O:M; sediments w/quartz monzonite porphyry dikes
4016S	TYB8	100	1.9	4.0	100	350		SW:0; S:2; O:M; sediments w/quartz monzonite porphyry dikes; dry creek
4017S	TYB8	40	1.4	8.0	60	400		SW:02; S:2; O:L; coarse-grained granite w/fractures; some mafic inclusions; minor alteration
4018S	TYB8	14	0.8	6.0	25	170		SW:01; S:3; O:L; coarse-grained granite w/fractures & alterations
4025S	TYB8	33	1.0	10.0	40	220		SW:01; S:2; o:L; bedrock is granite; coarse-grained granite; andesite dike swarms
4026S	TYC8	39	1.0	4.0	35	165		SW:02; S:2; O:L; coarse-grained granite w/mafic inclusions & andesite & felsic dikes
4029S	TYC8	98	1.5	6.0	45	180		SW:0; bedrock is granite; dry creek; granite is iron-stained at joints
4030S	TYC8	27	1.0	2.0	20	65		SW:01; S:2; O:M; granite is iron-stained at joints; minor chalcopyrite on fractures; weathered zone
4031S	TYC8	40	1.0	2.0	30	140		SW:01; S:3; o:L; bedrock is granite; fine-grained granite and dike swarms;some chlorite alteration
4032S	TYC8	32	1.0	3.0	30	115		SW:03; S:3; O:L; bedrock is granite; fine-grained granite w/chlorite alteration; many andesite dikes; weathered zone

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
4104S	TYB8	18	1.0	2.0	10	55		SW:03; O:L; granodiorite, diorite and some fine-grained mafic diorite
4105S	TYB8	13	1.0	1.0	10	50		SW:02; O:L; granodiorite, diorite; some mafic diorite
4106S	TYB8	24	1.3	3.0	15	75		SW:01; O: M; granodiroite, diorite
4107S	TYB8	17	0.9	1.0	10	40		SW:02; O:L; diorite to mafic diorite; some granodiorite (?)
4108S	TYB8	24	0.9	1.0	10	55		SW:03; O:L; diorite and meta-sediments
4109S	TYB8	15	0.8	1.0	10	35		SW:02; O:M; diorite
4110S	TYB8	19	1.1	1.0	10	50		SW:02; O:L; diorite
4111S	TYB8	48	1.3	4.0	20	115		O:L; dry sediments; diorite
4112S	LHC1	400	2.8	3.0	55	250		SW:02; O:L; glacial moraine; intrusives; gabbro w/chalcopyrite veinlets and disseminations
4113S	LHC1	480	2.2	3.0	55	110		SW:02; O:L; biotite granodiorite, biotite diorite & gabbro; malachite stain on altered granodiorite & chalcopyrite gabbro
4114S	LHC1	200	2.3	8.0	85	300		SW:02; O:L; contact weathered granodiorite & siltstone
4115S	LHC1	88	1.2	12.0	100	450		SW:01; O:L; granodiorite w/ accessory fluorite
4116D	LHC1	400	2.4	4.0	120	180		O:L; fresh biotite diorite or granodiorite; malachite; some chalcopyrite-tourmaline veining
4117S	LHC1	530	2.1	3.0	45	120		SW:02; O:L; biotite diorite & granodiorite float; glacial melt
4118S	LHC1	200	2.4	3.0	60	150		SW:02; O:L; biotite diorite & biotite granodiorite; malachite, chalcopyrite & tourmaline prevalent
4119S	LHC1	410	4.9	4.0	1150	700		SW:03; O:L; biotite diorite, granodiorite/manganese, chalcopyrite, malachite
4120D	LHC1	44	1.3	2.0	30	90		O:L; biotite diorite, biotite

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Spl #	Area	Cu	Ag	Mo	Pb	Zn	Other Minerals	Remarks:
4200D	LHB1	10	0.7	1.0	25	95		SW:01; SH:B; M:M; S:3; O:L; talus; granite
4201D	LHB1	10	0.7	1.0	30	115		SW:01; S H:B; M:M; S:3; O:L; talus; granite
4202D	LHB1	6	0.7	1.0	25	125		SW:01; SH:B; M:M; S:3; O:L; same as above
4278D	TYB8	31	1.0	2.0	55	120		
4279D	TYB8	22	1.0	2.0	15	100		Rock type is gabbro
4280D	TYB8	17	1.0	3.0	25	90		Rock type is biotite granite
4281D	TYB8	31	0.9	2.0	15	80		Rock type is biotite granite
4282D	TYB8	36	1.1	12.0	150	250		Biotite granite
4283D	TYB8	24	0.9	3.0	20	85		Rock type is biotite granite
4284D	TYB8	25	1.0	2.0	20	90		Biotite granite
4285D	TYB8	23	0.9	2.0	20	95		Biotite granite
4286D	LHB1	8	0.5	20.0	15	75		Felsic volcanics & granite
4287D	LHB1	10	0.6	8.0	20	85		Felsic volcanics and granite
4288D	LHB1	8	0.6	6.0	15	75		Felsic volcanics & granite
4289R	LHB1	19	0.5	8.0	10	30		Altered granite
4290R	LHB1	17	0.5	9.0	10	50		Felsic volcanics and granite
4291D	LHB1	19	0.8	4.0	25	130		Felsic volcanics
4292D	LHB1	77	1.1	4.0	30	120		Felsic volcanics
4293S	LHB1	40	0.6	1.0	10	50		
4294S	LHB1	15	0.6	1.0	15	60		
4295S	LHB1	7	0.6	1.0	15	65		
4296D	LHB1	9	0.7	1.0	20	75		Porphyritic volcanics
4297D	LHB1	12	0.6	1.0	25	85		Porphyritic volcanics
4298R	LHB1	21	0.7	8.0	20	145		Porphyritic volcanics
4299D	LHB1	6	0.7	1.0	20	90		Porphyritic volcanics
4400	LHB1	9	0.7	1.0	10	30		SW:dry, 8'; S:2; O:M; granite float