Soil Sample Record Sheets

to Accompany

FILMED

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND DIAMOND DRILLING REPORT

LOG NO: 0425 RD.
ACTION:
FILE NO:

on the

UNUK, COUL, ICEY, BOU, KNIP AND IRV CLAIM GROUPS

UNUK RIVER AREA

SKEENA MINING DIVISION
NTS 104 B/9 AND 104 B/10

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,675

Held under option by:

GRANGES INC.
2300-885 WEST GEORGIA STREET
VANCOUVER, B.C.
V6C 3E8

February 7, 1990

B.E. GABOURY
(E.J. SEAGEL)

Traverse 3 - COUL 2

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-3-1	0+00		mostly humus, minor clay, mod. slope						
S-3-2	1+00		humus, minor clay + sand, + pebbles						
S-3-3	2+00		as above						
S-3-4	3+00		humus, 10% sand, + clay		6.6				59
S-3-5	4+00		20% sand, 20% silt, 10% clay, + organics, steep slope						
SS-3-1	5+00		heavily veg. stream, mod. slope, 1/3 humus, 2/3 sand + silt						
S-3-6	6+00		80% silt + clay, 15% humus, minor sand, low slope						
S-3-7	7+00		40% silt + clay, + humus, poor drainage, mod. slope						
SS-3-2	8+00		gravel, + 15% sand, 20% organic, 10% silt + clay						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As	
S-4-1	Δ0		light cream colour, 70% silt, 10% sand, 10% frags		1.4					
S-4-2	1+00N	(of Δ0)	med. grey, 70% clay 10% silt, 10% frags							
S-4-3	2+00N	"	dk. brn. well developed 40% clay 40% mud 20% silt							
S-4-4	3+00N	"	as above (S-4-3)							
S-4-5	4+00N	"	as above "							
S-11-1	8+00									
S-1-A				~~1.2~~	1.2				55	
S-1-1	Δ0+100		20% pb frg angl, 60% sand, size 20% silt							
S-1-2	Δ0+200		80% sand, 20% fines, Talus slope dn slp fr rk pinnacle		.9				47	
S-1-3	Δ0+300		80% rk Frag, 20% sand, talus slope dn slp fr tuff/argillite bluff		1.2	220	336		48	
S-1-4	Δ0+400		" " " " "						53	
S-1-5	Δ0+500		60% rk frags 40% sands		1.8		307		61	
S-1-6	Δ0+600		60% sands 40% frags							
S-1-7	Δ0+700		50% " 50% "							
S-1-8	Δ0+800				1.2				55	
S-1-9	Δ0+900		TOE IN LANDING at 4900 ft		1.0	309	385		87	8
S-17-1	0+00		Sand, morraine							
S-17-2	1+00		on sheared o/c ~~poor~~							
S-17-3	2+00		morraine							
S-17-4	3+00		on o/c poorly developed soil, some morraine							
S-17-5	4+00		glacial till							
S-17-6	6+00		"							
S-17-7	6+00		"							
S-17-8	7+00		"							
S-17-9	8+00		"							
S-17-10	9+00		o/c, sand/silt							

STREAM SED SAMPLES.

Soil Sample Record Sheet										
Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
SS-4-1	100mW of AO		20% sand 20% mud 10% frags 50% silt br. black colour		7.6		207	47	77	
SS-7-1	AO		70% mud 20% silt 10% organics				176			
SS-7-2	AO+100		80% sand 20% silt				183			
SS-7-3	AO+200		40% gravel 60% sand				211			
TODD? * SS-7-4	AO+300		20% sand 30% mud 40% silt							
SS-7-5	AO+400		as SS-7-4							
SS-7-6	Alt 0+00		no description available							
SS-7-7	Alt 1+00		40% sand 40% silt 10% mud							
SS-7-8	Alt 2+00		as SS-7-7							
SS-7-9	Alt 3+00		80% silt 10% mud 10% sand							
SS-7-10	Alt 4+00		60% sand 20% silt 10% frags.							
SS-7-11	Alt 4+80		60% sand 30% silt							
SS-11-1	0+00		80% silt, frags o/c in str. bed, boulders							
SS-11-2	1+00		50% gravel 50% silt, meadow							
11-3	2+00		gravel/sand/silt meadow							
11-4	2+40	upstream	70% sand 20% gravel							
11-5	3+00		10% gravel 80% sand meadow							
11-6	4+00		sand/silt/frags							
11-7	500		sand/gravel/silt							
11-8	6+00		80% gravel 20% silt steep ravine							
11-9	7+00		80% gravel 20% silt. "							
11-10	8+00		70% gravel 10% sand 20% silt, ravine, loose							
11-11	9+00		80% silt							
11-12	10+00		"							
11-13	11+00		70% gravel " 30% silt							
11-14	12+00		70% gravel " silt							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
S-10-10	A2-1100		well developed, brownblack.							
~~S-10-11~~	~~A2-1100~~		~~—"—~~ assumed to be a stream sed SS-10-11							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
SS-11-15	13+00		ravine, poorly developed, 50% gravel, 30% silt						
SS-6-1	0+00s		med-c.g. sand <5% Clay+silt, at mouth of crk, Low slope			30	200		
SS-6-2	1+00s		f-mg. sand 10% silt, 10% Clay, angular sand, low slope		35				185
SS-6-3	2+00		95% sand, + gravel, well round, glacial, in crk well sorted,				198		
SS-6-4	3+00		90% sand, + silt, glacial, in crk, densely veg., steep slope				215		
SS-6-5	4+00		95% sand, + silt, + gravel, densely veg slopes,				193		
SS-6-6	5+00		Coarse sand + pebbles, mod slopes, densely veg.				240		
SS-6-7	6+00		Small side creek off main, N. slope, cg sand + gravel				319		
SS-6-8	7+00		N. fork of crk, sand + gravel, glacial till, mod. slope				227		
SS-6-9	7+00		S. fork, as above						
SS-6-10	8+00		f-mg. sand, in glacial derived gravel, gentle slope						
SS-6-11	9+00		sand + gravel, dry crk. bed, on W. side of divide,				200		
S-6-1	10+00		silt + clay, minor organics,						
SS-6-12	11+00		Dry crk bed, downstream from gossanous Talus, cg sand				215		
SS 6-13	12+00		30% sand, 30% silt, + clay + organics, in dry crk,				182		104
S-6-2	13+00		silt, + 10% clay, minor organics, near % of dacite		.8				175
	1300 to 1700		- boulder Talus, no soils						
SS-9-1	0+00s		large crk, in gently sloping till, 60% sand, 40% silt,						
9-2	1+00		as above						
9-3	2+00		m.g. sand, w 15% silt, flat area in till						
9-4	3+00		f.g. sand, minor silt, gently slope.						
9-5	4+00		sand, 20% silt, mod. slope, glacial till						
9-6	5+08		f-mg. sand 10% silt, glacial till, mod. slope						
9-7	6+00		80% sand, 10% clay, 10% silt						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As	Sb
SS-9-8	7+00s		85% sand, 15% silt, mod. sloping crk, with cliffs							
9-9	8+00s		85% sand, 15% silt, ± minor clay							
9-10	9+00		f-mg sand, <5% silt, downstream of gorge							
9-11	9+90s		fine sand, <5% silt, in gravel bar in gorge.							
SS-17-1	4+60		till, sand	25						
SS-17-2	10+00		sandy, some silt, till	40						
SS-20-1	4+90		silt							
SS-10-1	1+80		sand, gravel							
SS-10-2	2+40		sand, silt							
SS-10-3	Δ1-0+00		sandy gravel, talus							
SS-10-4	Δ1-1+00		sand/silt							
SS-10-5	Δ1-2+00		" "							
SS-10-6	Δ1-4+00		" "							
SS-10-7			" "		1.8					
SS-10-8	Δ2-2+00		" "							
SS-10-9	Δ2-3+00		" "							
SS-10-10	Δ2-4+00		" "		6.9				87	239

Traverse 12

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-12-1	0+00		silt + clay, 15% gravel, steep slope						74
S-12-2	1+00		sand, 15% clay, 10% pebbles,						94
S-12-3	2+00		black sand, + minor pebbles						
S-12-4	2+40		50% sand + silt, 50% slivery siltstone pebbles (gouge)						
S-12-5	3+00		95% sand, 5% silt, + minor pebbles, lateral moraine						
S-12-6	5+00		Sand, with 10% pebbles, 10% silt, glacial till.						54
S-12-7	5+40		talus, sand + 20% slivery talus, <10% silt, steep						
S-12-8	7+00		fine to coarse sand, 15% pebbles						63
S-12-9	8+00		20% gravel, 10% silt, in sand, glacial till.						

Traverse 15

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-15-1	0+00		50% sand, 40% silt, ~10% pebbles + clay, Talus						
S-15-2	1+00		50% silt, 40% clay, 10% gravel, talus.						
S-15-3	2+00		as above						
S-15-4	3+00		60% silt, 35% clay, 5% gravel, talus						
S-15-5	4+50		15% gravel, 65% silt+clay, 20% sand, base of snow shoot						
S-15-6	5+00		Talus, as above						
S-15-7	6+00		talus, at base of snow shoot, as above.						
S-15-8	7+00		5% gravel in silt + mud, glacial till						
S-15-9	8+00		15% gravel, + coarse sand, in silt + clay						
S-15-10	9+00		Sand, minor silt in grassy, moderate slope						
S-15-11	10+00		organics, with minor clay, on grassy slope						
S-15-12	11+00		50% sand, 40% silt, ~10% clay, + gravel + organics						
S-15-13	12+00		~~75% silt~~, 10% sand, 10% clay, 5% gravel						
S-15-14	13+50		50% clay, 30% silt, 10% org., 10% sand + gravel						
S-15-15	14+00		f.g. sand, silt, 10% gravel, 10% org., base of cliff.						
S-15-16	15+35		75% sand, 15% silt, 5% clay, 5% gravel, as above						
S-15-17	16+00		65% silt, 15% clay, 10% gravel + sand, 10% org.						
S-15-18	17+00		50% fine sand, 30% coarse sand, 10% silt, 10% clay						
S-15-19	18+00		50% rock chips (Talus), 10% silt, 10% clay, 30% org.						
S-15-20	19+50		f.g. sand, silt, clay, minor rust stain.						
S-15-21	2000		50% silt, 30% fine to med sand, 20% gravel						
S-15-22	2100		40% clay, 30% silt, 20% sand, 10% gravel, on o/c.						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
S-17-11	10+00		glacial till							
S-17-12	11+00		"							
S-17-13	12+00		o/c							
S-20-1	1+00		till, sandy							
S-20-2	2+00		" "							
S-20-3	3+00		" "							
S-20-4	4+00		till, sand/silt							
S-20-5	7+00		" " "							
S-20-6	8+00		on o/c, silt, sand							
S-20-7	9+00		on o/c silt, mud							
S-20-8	10+00		some till, sand, silt							
S-20-9	11+00		silt (edge of lake)							
S-20-10	12+00		silt "							
S-20-11	13+00		silt "							
S-20-12	14+00		fragments, silt, (on gossan), sand							
S-20-13	15+00									
S-20-14	16+00		sandy, gravel							
S-10-1	0+00		sandy, poorly developed, fragments							
S-10-2	1+00		sandy							
S-10-3	2+00		silty, well developed							
S-10-4	3+00		silty " "							
S-10-5	Δ-5+00		clay/sand							
S-10-6	Δ-6+00		" "							
S-10-7	Δ-7+00		well developed, br. black							
S-10-8	Δ-8+00		"							
S-10-9	Δ2-0+00		"							

SHIPMENT 2

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-18-1	0+00		50silt, 30snd, 20grav; Bottom talus.						
S-18-2	1+00		30silt, 40snd, 20grav; "						
S-18-3	2+00		60silt, 10snd, 5grav, 25org; in talus/moss						
S-18-4	3+00		55silt, 30snd, 5grav, 10org; "						
S-18-5	4+00		60silt, 20snd, 20grav; talus/moss near stream						
S-18-6	5+00		40silt, 40snd, 10grav, 10org; talus continues						
S-18-7	6+00		35silt, 40snd, 20grav, 5org; 2 locations i) online in talus ii) 30m E. Below gossan						
S-18-8	7+00		40silt, 45snd, 10grav, 5org; knob w/ talus, boulders & moss.						
S-18-9	8+00		40silt, 40snd, 15grav, 5org; bottom talus.						
S-18-10	9+00		50silt, 40snd, 5grav, 5org; soil near gravel						
S-18-11*	9+50	*	35silt, 45snd, 15grav, 5org; Bottom talus						
	*→		turned @ 9+50 to 320° AZ sampled at 0+50 W						
S-18-12	1+50	W	gravel/rock chips w/ fines; Rusty.						
S-18-13	W1+025	*	60silt, 25sand, 5grav, 10clay; glacial gouge!						
	→		turned to 220° AZ @ 2+00 W						
S-18-14	2+005		55silt, 20snd, 10grav, 5org; talus near stream						
S-18-15	3+005		60silt, 15snd, 10grav, 15org; stream side, mossy plain.						

TRAU19

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-19-1	A0+70	6700'	30% clay, 20% frags, 50% sand						
S-19-2	1+00	6500'	30% frags, 30% clay, 40% sand		1.2		214		
S-19-3	2+00		30% frags, 20% clay, 50% sand				195		
S-19-4	3+00		25% frags, 30% sand, 45% clay				207		
S-19-5	4+00		10% frags, 20% clay, 70% sand.				145		

TRAV 22 JULY 17/89.

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
			all are glacial till						
S-22-1	0+00		40% frags, 60% fines (silty)						
S-22-2	1+00		" "						
S-22-3	2+00		" "						
S-22-4	3+00		10% frags, 90% silty fines						
S-22-5	4+00		" "						
S-22-6	5+00		" "						
S-22-7	6+00		" "						
S-22-8	7+00		" "						

STREAM SEDS

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
SS-23-1	10mNoF	1+00	70% gravel 30% fines (small str. flowing W. into lake)	40						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-23-1	1+00		till - sand, gravel, 30% fines						
S-23-2	2+00		" - sand, gravel, 20% fines						
S-23-3	3+00		" - " " "						
S-23-4	4+00		" - "						
S-23-5	5+00		" - "						
S-23-6	6+00		" - 10% mud, 20% silt, 30% sand, fragments						
S-23-7	7+00		" - "						
S-24-1	Δ0		Skeletal, organic rich soils over o/c of poorly bedded siltstones	35					
S-24-2	Δ0+100		Mid brown, yellow tinge 80% fines, 10% siltstone chips.	50					
S-24-3	Δ0+200		70% Mid yellow brown fines 30% argillite chips	[illegible]					
S-24-4	Δ0+300		(as above)	[illegible]					
S-24-5	Δ0+400		Skeletal soil over soft, heavily fe stained orange ochre siltstone (1"2	95					
S-24-6	Δ0+500		talus Material 30% fines 70% rock frags (siltstones) andesite	30					

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
SS-25-1	2+00		30% gravel, 40% sand, 30% silt							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-27-1	6080'		20%-30% pebbles <5% clay in sand, on talus slope		1.0				
S-27-2			30% pebbles, <5% clay and silt in sand on talus + ox	25			201		
			some float of gal. brx.				247		145
S-27-3			30% pebbles, <5% clay in sand, on talus slope.						150
S-27-4	0+100		30% frags, 40% silt, 30% sand				258		150
S-27-5	2+00		50% sand, 30% clay, 20% frags		1.8				140
S-27-6	3+00		25% silt, 55% sand, 20% frags.	25					160
S-27-7	4+00		70% frags, 30% sand						140
S-27-8	5+00		70% sand, 10% frags, 20% silt				199		170
S-27-9	5+70		30% sand, 60% silt, 10% frags	100			230		705
S-27-10	6+00		70% sand, 20% pebbles, 10% silt	30					210
S-27-11	7+00		70% frags, 10% sand, 20% silt.				195		
S-27-12	8+00		20% frags, 10% silt, 70% sand.	35					

TRAV. 28

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-28-1	0		50% sand, 50% gravel on talus slope top of ridge	30		198			65
S-28-2	1+00		60% sand, 40% gravel on talus slope						80
S-28-3	2+00		50% clay, 50% cs - fn. sand.	~~35~~ 40			222		130
S-28-4	3+00		75% sand, 20% pebbles, 5% clay, top of ridge.	~~30~~	1.0		195		80
S-28-5	4+00		50% sand, 50% talus frags <5% clay top of ridge	20	.8				40
S-28-6	5+00		splintery, sand and pebble talus.	[redacted]					90
S-28-7	6+00		50% sand, 40% talus frags, 10% clay	280	1.0				1580
S-28-8	7+00		30% clay, 30% frags, 40% sand		1.0		216		

TRAV 29 JULY 15/89

Soil Sample Record Sheet

Sample No.	Location		Description		Geochem. Au	Ag	Cu	Zn	Pb	As
S-29-1	0+00		basal till	fg sand						
S-29-2	1+00		"	"						
S-29-3	2+00		"	mud						
S-29-4	3+00		"	mud, sand						
S-29-5	4+00		"	silt, sand						
S-29-6	5+00		"	" "						
S-29-7	6+00		"	silt						
S-29-8	7+00		"	"						
S-29-9	8+00		"	"						
S-29-10	9+00		"	"						
S-29-11	10+00		"	"						
S-29-12	11+00		"	silt, sand						
S-29-13	12+00		"	silt						
S-29-14	13+00		"	"						
S-29-15	14+00		"	mud, silt						
S-29-16	15+00		"	silt						
S-29-17	16+00		"	"						
S-29-18	17+00		"	"						
S-29-19	18+00		"	"						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-30-1	A0+100-		100% talus frags of argillite + siltstone	40	1.0				155
S-30-2	A0+200-		'as above' 7100	0	9.2		2289	530	6270
S-30-3	A0+300-		100% fine talus frags directly beneath extensively	45					160
			qtz-carb veined argillites	[illegible]					
S-30-4	A0+400-		100% fine talus frags	80		199			140
S-30-5	A0+500		Greywacke derived silts + frags	60					40

TRAV 32 July 16/89

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
			all samples glacial till						
S-32-1	0+00		20% fragments, sand 80%						
S-32-2	1+00		20% clay 60% sand 20% frags						
S-32-3	2+00		20% fragments 80% sand						
S-32-4	3+00		" "						
S-32-5	4+00		" "						
S-32-6	5+00		" "						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
S-34-1	A0		30% clay, 10% frags. 60% sand							
S-34-2	1+00		50% clay, 40% silt, 10% frags							
S-34-3	2+00		80% cs. sand, 20% pebbles							
S-34-4	3+10		30% fn. sand, 30% silt, 30% clay, 10% frags							
S-34-5	3+85		50% sand, 30% silt, 20% frags							
S-34-6	8+00		60% frags, 20% sand, 20% silt							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
TRAVERSE 35			NO DATA AVAILABLE							
'Dons Sampling'										
S/35/1										
to										
S/35/10										
S/35/9						210				

TRAV 37 July 16/89

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
			all glacial till						
S-37-1	0+00		80% fines, 20% small frags.						
S-37-2	1+00		"						
S-37-3	2+00		"						
S-37-4	3+00		"						
S-37-5	4+00		"						
S-37-6	5+00		"						
S-37-7	6+00		"						
S-37-8	7+00		"						
S-37-9	8+00		"						
S-37-10	9+00		"						
S-37-11	10+00		"						
S-37-12	11+00		"						
S-37-13	12+00		"						
S-37-14	13+00		"						
S-37-15	14+00		"						
S-37-16	15+00		"						
~~S-37-17~~	16		"						

TRAV 38

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
SS-38-1			sand & gravel w. 20% silt, stream flowing over glacial moraine; low flow, moderate slope, mossy vegetation							

Soil Sample Record Sheet

Sample No. TRAV 39	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S/39/1	Leg 1	40 +500	Moraine derived pale brown silts 40% & frags. Minor talus input						
S/39/2	Leg 1	40 + 600	Dk brown silts, organic rich.						
S/39/3	Leg 2	41 + 300	Basal till of silts & frags overlying argillic o/c.	23					
			* No other soil samples were collected due to thick, extensive moraine deposits / fluvio-glacial outwash.						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
			TRAV 41						
0+00	S-41-1		all samples talus sand/frags minor silt						
1+00	S-41-2		" "						
2+00	S-41-3		" "						
3+00	S-41-4		" "						
4+00	S-41-5		" "						
4+75	S-41-6		" "						
			TRAVERSE 43.						
0+00	S-43-1		all samples talus sand/frags/minor silt, clay						
1+00	S-43-2				1.5		316		
2+00	S-43-3				1.6		386		
3+00	S-43-4				~~1.6~~				
4+00	S-43-5				1.9		402		
5+00	S-43-6			27	.9				95
6+00	S-43-7								
7+30	S-43-8								
8+30	S-43-9			42	20				97
			TRAVERSE 44.						
0+00	S-44-1		all samples talus sand/frags/minor silt						
1+00	S-44-2								
2+00	S-44-3								
3+00	S-44-4								
	~~S-44-5~~								

Soil Sample Record Sheet

	Sample No. TRAV 42	Location	Description	Geochem. Au	Ag	Cu	Zn	Pb	As
Nunatak 1	S/42/1	A0 +00	Talus derived frags / muds - 70/30						
	S/42/2	A0 + 100	'as above'						
	S/42/3	A0 + 200	Mid brown frags + silts. (UN 87 R77)						
	S/42/4	A0 + 300	Talus derived frags / muds - 70/30		.7	331	206		
Nunatak 2	S/42/5	A0 +000	Talus derived frags / muds 60/40	26					
	S/42/6	A0 +100	'as above'	25	.7				52
	S/42/7	A0 + 200	as above frags / muds 80/20						
	S/42/8	A0 +000	Talus derived frags / muds 30/70. Some moraine input.		.9				
	S/42/9	A0+100	as above. Strong moraine input		.9		205		
	S/42/10	A0 + 200	'as above' 'as above'		.9		257		
	S/42/11	A0 + 300	'as above' Little moraine input.		1.3		254		
	S/42/12	A0 + 400	'as above' some moraine input						
	S/42/13	A0+500	'as above' Material from overhanging bluffs						
	S/42/14	A0+600	'as above' predominantly talus. Few diorite boulders suggest some moraine						
	S/42/15	A0+200	" " " " "						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-45-4	3+00W		talus slope. 45% SAND-55% talus chips	13					30
S-45-5	4+00W		" " 20% clay-60% gravel-20% talus chips		1.4				
S-45-6	5+00W		" " 40% sand-60% gravel						
S-45-7	6+00W		" " " " " " "						
S-45-8	7+00W		" " 20% clay 20% gravel-60% till						
S-45-9	8+00W		" " 10% gravel-10% till-80% sand						
S-45-10	9+00W		" " 80% sand 10% till-10% gravel						
S-45-11	10+00W		" " 80% sand 20% gravel						
S-45-12	11+00W		" " 50% sand 50% till						
S-45-13	12+00W		" " 30% humus-60% sand 10% till						
S-45-14	12+70W		" " 80% rusty lime-20% gravel						
S-45-15	13+00W		" " 70% " " - 30% gravel						
S-45-16	14+00W		" " 40% humus-40% gravel-20% sand						
S-45-17	15+00W		" " 40% humus-60% Sand						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
TRAVERSE 47									
S/47/1	A0	3000ft.	Mid browns 'B' clays c 20% frags						
S/47/2	A0+100		'as above'						
S/47/3	A0+200		'as above'						
S/47/4	A0+300		Organic rich dk brown clays ≤ 5% frags		2.3				
S/47/5	A0+400		pale orange brown clays ≤ 1% frags. Major soil colour change → corresponding to c/c vdcs.	20					
S/47/6	A0+500		'as above'						
S/47/7	A0+550		organic rich dk brown clays, minor silts ≤ 5%						
S/47/8	A0+600		Mottled brown, frag rich horizon, beneath orange brown silts (false 'B' ??)	280					
S/47/9	A0+650		Thin mid to dk brown clays, dk orange tinge						
S/47/10	A0+700		'as above'						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
TRAVERSE 48				Au	Ag	Cu	Zn	Pb	As	Ni
S/48/1	EXCESSIVELY STEEP TERRAIN	3,470ft	Soft, friable argillite from wall of ravine,				328			68
S/48/2		3,560ft	Soft, friable argillite from wall of ravine, azurite, malachite + copper sulphate stained.	510	17.6	15910	5522	272	214	79
S/48/3		3,780ft	Talus derived silts + frags (40%)		2.3	219	1178		50	163
S/48/4		3,900ft	'as above'				474			
S/48/5		4000ft	Talus derived dK brown muds, silts + frags (60%)		.8		639			
S/48/6	↑	4,100ft	Talus derived. Mud + frags (70%)		.8	275	1512			270
S/48/7	NO DISTANCE	4,200ft.	'as above'		46	736	1962		135	261
S/48/8		4,290ft.	Fe rich deep orange precipitate over argillite rich, talus derived material.				379			
S/48/9.		4,400ft	Comminuted argillite frags + mud		51	~~328~~ 382	2860		121	
S/48/10		4,500ft	'as above'		5.6					

SOIL

~~Rock~~ Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
STREAM ONE		(SEE LOCATION MAP)							
SS-49-1	0+00	alt 3060'	Stream on talus apron at base of creek; however collected very fine silts (on top of coarser talus) probably from a considerable distance upstream	34			560		
SS-49-2	1+00		sand, pebbles, poorly developed sample	33			444		
SS-49-3	2+00	alt 3420'	20% silt, 20% sand / 60% frags (poor development)	31			254		
SS-49-4	3+00	alt 3640'	" " " "	14					
S-49-1	0+00	(talus)	from small talus apron, sand/gravel (30%)	12					
S-49-2	1+00	(talus)	sand, fragments	13					
S-49-3	3+00	(talus)	sand, fragments (no sample available @ 2+00: in creek, shear cliffs on sides						
STREAM TWO			(SEE LOCATION MAP)						
SS-49-5	0+00		small stream 4m E of main stream, fine silts on talus apron	13					
SS-49-6	1+00	(main stream 2)	fine silt, 10% sand	19					
SS-49-7	2+00m		70% silt, 30% sand	15					
SS-49-8	3+00	3420'	very fine silt 60%, sand 40%	14					
SS-49-9	4+00	3600'	silt 40%, sand 20%, frags 40%.	13					
SS-49-10	10m W of	SS-49-9	on small stream coming from NW						
SS-49-11	5+00	3800'	sand 60%, silt 20%, gravel 20%.	12					
S-49-4	0+00	talus							
S-49-5	1+20m	talus	; fragments minor sand, silt						
S-49-6	200m	talus	, sand, gravel fragments.						
S-49-7	400m	talus	" " "						
S-49-8	500m	talus	" " "						

Soil Sample Record Sheet

Sample No. TRAVERSES1	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S/51/1	Δ0+175m	(Δ2)	Moraine derived, skeletal, organic rich, fragment rich soil.						
S/51/2	Δ3		Moraine derived, DK brown silts 70%, Frags 30%						
S/51/3	Δ4		Moraine derived, choc brown organic silts & clays 80%,						
S/51/4	Δ4+100		No soil developed, solely moraine frags 40% & silts 60%						
S/51/5	Δ5		'as above'						
			No further soil sample due to extensive, primary, moraine material.						

Soil Sample Record Sheet

Sample No.	Location	Description	Geochem. Au	Ag	Cu	Zn	Pb	As
~~S-53-1~~	~~alt. 5,500' 50m W of stream~~	~~talus, sand/gravel (in sheared gossan)~~						
S-53-1	60m downhill	talus, sand/gravel (from sheared gossan)						
~~S-53-2~~	of R-53-1							
S-53-2	120m downhill from R-53-1	talus, as S-53-1						
SS-53-1	5,500'	poorly developed stream sed, gravel, pebbles sand, minor silt.						
TRAV 54								
S-54-1	0+00	60% organics, mud/sand						
S-54-2	1+00	" "						
S-54-3	2+00	humus 40% sand 60%.						
S-54-4	3+00	humus 60% sand 40%						
S-54-5	4+00	50% organics, sand/silt						
S-54-6	5+00	" "						
S-54-7	6+00	80% organics 20% sand/silt						
S-54-8	7+00	60% organics 20% sand 20% silt						
S-54-9	8+00	" " "						
S-54-10	10+00	brown, mud/silt, 20% organics						
S-54-11	12+00	" " "						
no samples available @ 9+00m + 11+00m "A" Horizon too deep.								

Soil Sample Record Sheet

Sample No.	Location		Description (sample S8-1 was destroyed only small amt. left)	Geochem. Au	Ag	Cu	Zn	Pb	As
S-58-1	0	talus	on talus slope, 90% sand, 10% frags, rusty weathered.	32					92
S-58-2	1+00m	"	40% rs. sand, 40% splintered frags, 20% pebbles, in shear zone						294
S-58-3	2+00 m	"	15% mud, 20% frags, 30% splintered frags, 35% sand, in shear zone	28			539		298
S-58-4	3+00m	"	80% sand and splintered sand frags, 15% gravel 5% mud	176			487		177
S-58-5	4+00m	"	80% sand + splintered frags, 15% gravel, 5% mud, rusty	121			739		321
S-58-6	50m N of Stn 400	"	rusty talus, 50% sand, 40% gravel, 10% silt				523		83
S-58-7	5+00m	"	70% sand, 30% gravel and splinters, rusty				388		85
S-58-8	6+00m	"	85% sand, 10% silt, 5% frags			290			307
S-58-9	7+00m	"	50% sand, 50% gravel				327		127
S-58-10	8+00m	"	50% sand, 50% splintered gravel.	12					173
S-58-11	9+00m	"	70% sand, 30% gravel splinters.						

Soil Sample Record Sheet

Sample No. TRAV 60	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S/60/1	A0+100		Talus derived Muds / Frags 50/50						
S/60/2	A0+200		" " " "						
S/60/3	A0+300		" " " "						
S/60/4	A0+400		" " " "						
S/60/5	A0+500		Talus derived Sands / Frags minor muds						
S/60/6	A0+600		Talus derived Muds / Frags 50/50						

S-62 Box 3

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-62-1	top of talus under R-32-1		5-10% clay & silt; rem = pebbles & cobbles; steep slope, no veg.	42		258	351		88
S-62-2	100' above S-62-1		~30-40% reddish clay; rem = pebbles, nearby gossan.	13		257			81
S-62-3	6140'	100m at Az 330	from A62; 10-20% clay + silt, rem = pebbles to bldrs, OC occurs 10-15m to north.			235			64
S-62-4	6180'	200m at Az 330	from A62; 20-30% clay + silt, rem = gravel, intermittent stream at base of gossanous bluffs	11					85
S-62-5	6170'	~70m at Az 276	from S-62-4; 10% silt & clay, 20% pebbles rem = sand.	33					107
S-62-6	6040'	100m at Az 275	from R-62-6, 10-20% clay & silt, 50% pebbles, rem = sand; directly below gossanous OC of pyritic intermed. volc. bx.	32					75
S-62-7	5940'	200m at Az 275	from R-62-6, 10-20% clay & silt, 50% pebbles, remainder = sand.	51					25

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-64-1	0+25m	az.330°	35% clay, 65% organics	16					
S-64-2	1+00m	az.330°	25% clay, 75% organics, minor pebbles, base of oc						
S-64-3	2+00m	az 330°	15% clay, 85% organics	19					
S-64-4	3+00m	az.330°	40% clay, 60% organics, minor pebbles, base of ocr						
S-64-5	4+00m	az.330°	90% organics 10% clay, base of ocr.						
S-64-6	1+00m	az 270° N. leg	20% rk chips, 10% clay, 70% organics rusty	45	1.5				81
S-64-7	1+00m	az.360°	on North leg. <5% clay, 95% organics						
S-64-8	3+00m	az.45°	<5% clay, 95% organics, rusty	11	6.0				52
S-64-9	4+00m	az 45°	10% clay 90% organics, rusty		1.5				
S-64-10	5+00m	az 45°	20% clay 5% pebbles, 75% organics.						

TRAVERSE : 65

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S/65/1	A0		Sample taken of C horizone pale blue slaty siltstone above cliff line.						
S/65/2	A0+100		50cm. Orange ochre silts & clays c slaty blue gy chips		1.0				
S/65/3	A0+200		'as above'						
S/65/4	A0+300		'as above'		1.0		280		
S/65/5	A0+400		Dk brown, orange tinge organic rich clays						110
S/65/6	A0+500		Mud to dk brown clays c 50% argillite chips. Sample taken from hollow of fallen tree						
S/65/7	A0+600		Mottled mud to dk brown clays c slaty dk blue gy chips		1.7				
S/65/8	A0+700		50cm mid brown clays						
S/65/9	A0+800		'as above'						
S/65/10	A0+900		Orange brown silts & clays c pyritic blue grey volc chips		3.2				
S/65/11	A0+1000		Pale orange brown clays c dk grey argillite chips						
S/65/12	A0+1100		Pale blue slaty chips comprises 70% of sample. (Possible alluvial contamination adjacent to small stream)		.9				

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
S/65/13	A0+1200		Pale brown - fawn clays i pale blue slaty chips							
S/65/14	A0+1300		'as above'							
S/65/15	A0+1400		Deep red orange brown clays.							
S/65/16	A0+1500		Reddish mid brown clays i pyritic blue grey volc chips							
S/65/17	A0+1600		mid to dk orange clays, dk green foliated chips							

TRAV. 66

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-66-1	0		90% sand, 5% silt, 5% frags - on talus slope						
S-66-2	1+00m		50% sand, 50% gravel = talus fragments						
S-66-3	2+00m		80% sand, 15% silt, 5% gravel						
S-66-4	3+00m		95% sand, 5% frags						
S-66-5	4+00m		80% sand, 20% frags, minor silt						
S-66-6	5+00m		90% sand, 10% frags.						
S-66-7	6+00m		75% sand, 10% silt, 15% frags						
S-66-8	7+00m		25% silt, 55% sand, 20% frags						
S-66-9	1+50m	2nd leg.	50% sand, 30% silt, 20% frags rusty						
S-66-10	2+50m	"	50% sand, 40% silt, 10% frags						
S-66-11	3+50m	"	20% silt, 40% sand, 40% frags						
S-66-12	4+00m	"	90% frags, 10% sand						
S-66-13	5+00m	"	40% sand, 40% silt, 20% frags						

TRAO. 67

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-67-1		0+00	50/50: sand/gravel; talus/till						
-2		1+00	80 mud, 20 gravel; talus/till						
-3		2+00	50 mud, 20 sand, 30 gravel; talus/till						
-4		4+00	50/50: sand, gravel; talus near stream						
-5		5+00	70 mud, 20 sand, 10 humus; till						
-6		6+00	20 mud, 30 sand, 50 gravel; till						
-7		7+00	20 mud, 30 sand, 50 gravel; till/talus						
-8		8+00	10 mud, 30 sand, 60 gravel; till						
-9		12+00	10 mud, 20 sand, 70 gravel; till ± talus.						
-10		13+00	30 mud, 20 sand, 50 gravel; till in boulder talus.						
STREAM SEDIMENTS									
SS-67-1		3+00	30 sand ± mud; 70 gravel; trickling stream bed						
-2		9+00	50 mud/sand, 50 gravel; dry bed.						
-3		10+00	30 mud, 30 sand, 40 gravel; dry bed						
-4		11+00	20 mud, 30 sand, 50 gravel; dry bed.						

TRAVERSE 68

Soil Sample Record Sheet

Sample No.	Location	Description	Geochem. Au	Ag	Cu	Zn	Pb	As	Sb
S/68/1	5660 ft	Locally derived comminuted talus frags	36	17.6	175		2341		35
			68			3996		800	
S/68/2	5740 ft	'as above'	69	12.6	389	1411		247	33
							1239		
S/68/3	5,800 ft	'as above' sample taken beneath bluffs of porphyry	13	336					
S/68/4	5,900 ft	'as above' sample taken above porphyry.	46	66		479	208	57	13
S/68/5	6000 ft	'as above'	16	125		590	463	62	17
S/68/6	6170 ft	'as above'	26	1.2	179	395	196	349	66
		SAMPLING CONTINUES DUE N^th across glacier							
S/68/7	0+100m (4,400 ft)	Predominantly comminuted, locally derived talus some moraine input.							32
S/68/8	0+200m	" " "							38
S/68/9	0+300m	" " "							3
S/68/10	0+400m	" " "	15						42
S/68/11	0+500m	" " "	14	.8					

TRAVERSE 69

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
			ALL SAMPLES TALUS ORIGIN / TALUS SOILS						
S-69-1	0+20	m	30% gravel 30 sand 40 silt	34					
S-69-2	1+00		30% silt 40 sand 30 gravel	11					
S-69-3	1+80		70% silt 15% sand, gravel	15					
S-69-4	2+80		40% sand 40% silt, gravel						
S-69-5	4+00		70% silt 15 sand 10 pebbles						
S-69-6	4+50		(Small shear zone) talus fragments 50% sand						
S-69-7	5+00		70% fragments 15% sand 15% silt	25	20	240			24
S-69-8	600		60% silt 20% sand 20% gravel						
S-69-9	7+00		as S-69-8						
S-69-10	8+00		40% frags 40% sand 20% silt						
S-69-11	9+00		as S-69-10						
S-69-12	10+00		as S-69-10						
S-69-13	11+00		40% silt, 15% humus, 20% sand/gravel						
S-69-14	12+00		60% silt 30% sand 10% humus						
S-69-15	13+00		30% sand 60% silt 10% frags						
S-69-16	14+00		" " "						
S-69-17	15+00		50% sand 30% clay 20% gravel						
S-69-18	16+00		60% sand 40% silt						
S-69-19	17+00		" "						
S-69-20	18+00		30% clay 40% sand 30% silt						
S-69-21	19+00		50% talus 25 sand 25% silt						
S-69-22	20+00		40% sand 30% gravel 30% silt	16	1.0		336		89
S-69-23	21+00		" " "						
S-69-24	22+00		40% talus 15% sand 30% silt 15% organics	18	.7				
S-69-25	23+00		50% sand 20% talus 30% silt						
S-69-26	24+00		60% silt 20% clay 20% sand						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
SS-70-1	See traverse map		poorly developed strsed 20% silt + 30% sand 50% gravel						
SS-70-2			silt, sand 20%						
S-70-1			brown, silty, 40% humus, 10% sand (10")						
S-70-2			" " " "						
S-70-3			sand 30% silt 70% (12")						
S-70-4			brown, 10% organics 70% silt 20% sand (10")						
S-70-5					4.3				

TRAU 72

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S-72-1		0+00	60 mud, 10 sand, 30 grav; Soil; below moss on O.C.	16					
-2		1+00	80 mud, 10 sand, 10 grav; talus / till						
-3		2+00	30 mud, 50 sand, 20 grav; talus / till						
-4		3+00	75 mud, 20 sand, 5 grav; till near ice.						
-5		4+00	70 mud, 20 sand, 10 grav; rusty; talus / till						
-6		5+00	80 mud, 10 sand, 10 grav; rusty; talus / till						
-7		6+00	Soil; miccaini; rusty; 75 mud, 20 sand, <5 grav.						
-8		7+00	55 mud, 30 sand, 10 grav, 5 org; till / talus (mossy)						
-9		8+00	50 mud, 30 sand, 20 grav; talus (rusty, Fe carb.)						
-10		9+00	50 mud, 40 sand, 10 grav; rusty brown, till / talus.						
-11		10+00	50 mud, 50 sand, 5 grav, 5 org; brown; till / talus.						
-12		11+00	20 mud, 45 sand, 35 grav; Dark brn; till / talus						
-13		12+00	25 mud, 45 sand, 20 grav; 10 org; mossy; till						
-14		13+00	25 mud, 25 sand, 50 grav; till.						
-15		14+00	40 mud, 50 sand, 10 grav. ± Org; till.						

TRAV 73

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
	First Leg.								
S-73-1		0+00	10 mud, 20 sand, 70 grav; talus in situ		2.5		288		29
-2		1+00	25 mud, 50 sand, 25 grav; talus in situ		2.3		213		200
-3		2+00	30 mud, 50 sand, 20 grav; talus in situ	15	1.5	195	307		42
-4		3+00	10 mud, 40 sand, 50 grav; talus in situ			280	261		33
-5		4+00	5 mud, 20 sand, 75 grav; talus.			210	201		93
-6		5+00	5 mud, 80 sand, 15 grav; talus						
-7		6+45	15 mud, 60 sand, 25 grav; talus in situ						
~~-8~~	Second	Leg	20 mud, 40 sand, 40 grav; talus.						
-8		0+00	15 mud, 35 sand, 50 grav; talus		.9	200	342		21
-9		1+00	15 mud, 65 sand, 20 grav; talus		1.1		219		29
-10		2+15	5 mud, 20 sand, 25 grav; talus	22					27
-11		3+00	5 mud, 70 sand, 25 grav; talus.		.9		282		84
-12		4+00	5 mud/sand; 95 grav; talus.				201		23
-13		5+00	50 mud, 30 sand, 20 grav; talus	17	.8				23
-14		6+00	Soil (Humus); in moss						
-15		7+00	Soil (Humus); in moss.		1.0				
16				23	1.5		199		18

TRAVERSE 75

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
S/75/1									
	Δ0	5750ft	Predominantly talus frags & silts, some moraine input.						
S/75/2		5900ft	Sample taken on talus slope beneath wacke bluffs. Negligible moraine input.	93	~~23~~				200
S/75/3		6000ft.	Sands & silts 70%, Frags 30%. Talus deprived on spur.	19	~~15~~				~~49~~ ~~42~~
S/75/4		6200ft	'as above'	~~15~~ 14	~~13~~				121 ~~33~~
S/75/5		6500ft	'as above'						~~93~~
S/75/6		6,620ft	'as above' 50% frags.						
S/75/7		6900ft.	'as above' orange rich coloured silts						
S/75/8		7050ft	cf 75/3		~~8~~ 17				
57.									

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
TRAV 76									
S/76/1	AO+50		Comminuted Talus frags & silts. Minor moraine input	90					199
S/76/2	AO+100		" " " "	79					190
S/76/3	AO+150		Solely Talus derived, comminuted frags & silts	770	1.0				1307
S/76/4	AO+200		" " " "	680	.9				1664
S/76/5	AO+250		" " " "	26	.7				40
S/76/6	AO+300		" " " "	22					
S/76/7	AO+350		" " " "						54

TRAV-80.

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
SS-80-1	10.		60% fn. sand, 25% cs sand, 10% silt, 5% frags. from lat. morraine						
SS-80-2	1+00		80% fn sand, 10% cs. sand, 10% silt. - from morraine						
SS-80-3	2+00		50% silt, 40% sand 10% cs. frags, - from morraine						
SS-80-4	3+00		50% fn sand, 10% cs. sand, 40% silt, minor frags - morraine						
SS-80-5	4+00		50% sand, 35% silt, 15% frags. - morraine						
SS-80-11			WEAR MORAINE MUD-SILT 80% HUMUS 10% PEBBLES 10%						
SS-80-6			MUD SILT 45% PEBBLES 45% HUMUS 10%						
SS-80-7			PEBBLES 45% SAND-Cg 35% MUD-SILT 20%						
SS-80-8			SAND AND GRAVEL						
SS-80-9			80-90% MUD 10-2% ORGANICS						
SS-80-10			fg SAND AND MUD		.50				
S-80-1			NEAR TOP OF PEAK 60% GRAVEL 40% SAND						
S-80-2			NEAR TOP OF PEAK-BASAL TILL SILT + SAND 10% PEBBLES						
S-80-3			TALUS - SAND AND GRAVEL						
S-80-4			TALUS AT PEAK SAND AND GRAVEL.						

ZONE 7

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
700N 850W			BLACK TILL - CLAY TO Fg SAND > 90% PEBBLES < 10%						
700N 800W			Fg BLACK SAND < 10% PEBBLES.						
700N 750W			BLACK Fg-Cg SAND < 10% PEBBLES						
700N 700W			BLACK CLAY-Fg SAND 10-15% PEBBLES		1.0				40
700N 650W			BLACK SILT-SAND 15% PEBBLES		.8				
700N 590W			BLACK SANDY TILL 15% SM. GRANULES, PEBBLES	25					
700N 550W			BLACK CLAY-SAND 15% PEBBLES	50	.8				
700N 500W			DK BROWN SILT-fg SAND 10% PEBBLES	85	.8				
700N 450W			DK BROWN SILT-fg SAND 10-15% PEBBLES	120	1.0				45
700N 400W			DK BROWN SILT Fg SAND 10% PEBBLES.	20					20
700N 350W			DK BROWN SILT-SAND 10% PEBBLES.	25	1.0		348	138	35

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
700N BLD			TILL - SAND GRAVEL						
700N 050E			TILL - SAND GRAVEL						
700N 100E			TILL - SAND GRAVEL		12				
700N 150E			TILL - SAND GRAVEL						
700N 200E			TILL - SAND GRAVEL						
700N 250E			TILL - SAND GRAVEL.						
700N 300E			SOIL 70% SILT 20% ORG 10% MUD						
700N 350E			SOIL 70% SILT 20% ORG 10% MUD						
700N 400E			SOIL 70% SILT 20% ORG 10% MUD						
700N 450E			MUD SILT SOIL						
700N 500E			SANDY						
700N 550E			TALUS - SAND						
700N 600E			TALUS - SAND	30					
700N 650E			MUD - SAND SILT	20					
700N 700E			SAND SILT MUD						
700N 750E			SAND SILT MUD		1.4				
700N 800E			SAND SILT MUD.						
700N 850E			SAND SILT MUD						
700N 900E			TALUS SAND SILT.						
1500 N	750W		MORRAINE - 30% SAND 30% FRAGS 20% GRAV 20% SILT	30					
1500 N	700W		TILL/SOIL SILT SAND 70% GRAVEL 30%						
1500 N	650W		80% SILT 20% ORGANICS						
1500 N	600W		90% SILT 10% ORGANICS						
1500 N	550W		TALUS FRAGMENTS + SAND MINOR SILT						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
800N 950E			TILL - SAND - GRAVEL.						
800N 900E			TILL - SAND.						
800N 850E			TILL - SAND - GRAVEL						
800N 800E			TILL SAND - GRAVEL.						
800N 750E			TILL SAND - GRAVEL						
800N 700E			TILL SAND - GRAVEL.						
800N 650E			TILL. - SAND GRAVEL						
800N 600E			TILL SAND GRAVEL. SILT 10%						
800N 550E			SOL. 60% SILT - SAND.	40					
800N 500E			SOIL 80% SILT ORGANICS.						
800N 450E			BLACK SOIL MUD 80% SILT 20%.	25					
800N 400E			BLACK SOIL MUD 80% SILT 20%						
800N 350E			TILL - FRAGMENTS - SAND.	95					
800N 300E			TILL - FRAGMENTS - SAND	95	1.2				
800N 250E			TILL FRAGMENTS - SAND	70					
800N 200E			TILL FRAGMENTS - SAND						
800N 150E			TILL FRAGMENTS - SAND						
800N 100E			TILL FRAGMENTS - SAND						
800N 050E			TILL FRAGMENTS - SAND.	40					
~~800N 000E~~									
800N 000E			TILL - FRAGMENTS - SAND.						

ZONE #1 GRID.

Soil Sample Record Sheet

Sample No.	Location		Description all till	Geochem. Au	Ag	Cu	Zn	Pb	As
S- ~~1800~~	L600N,	800W	50% mud 25 gravel 25% sand						
		750W	45 mud 20 gravel 35 sand						
		700W	60% " 20 " 20 sand						
		650W	50 mud 25 gravel 25 sand.						
		600W	50 mud 20 " 30 "						
		550W	50 " 30 " 20 "						
		500W	" " " " " "						
		450W	40 " " " 30 "						
	L700N	850W	black clay to fg sand >90% PEBBLES <10%						
		800W	BLACK SAND Fg SAND <10% PEBBLES						
		750W	BLACK Fg-Cg SAND <10% PEBBLES						
		700W	BLACK CLAY - Fg SAND 10-15% PEBBLES						
		650W	BLACK SILT-SAND 15% PEBBLES						
		590W	BLACK SANDY TILL 15% GRANULES - SM. PEBBLES	25					
		550W	BLACK CLAY-SAND 15% PEBBLES	50					
		500W	DK BR. SILT - Fg SAND 10% PEBBLES	65					
		450W	DK BR. SILT - Fg SAND 10-15% PEBBLES	120					
		400W	DK BR SILT - Fg SAND 15% PEBBLES.	20					
		350W	DK BR SILT SAND. 10-15% PEBBLES	25					
	L900N	750W.	Black Till 50% mud 20% pebbles 30% sand.		.8				80
		700W	Till 50% mud 30% sand 20% pebbles.		.6				85
		650W	50% mud 30% sand 20% pebbles, Till		1.0				60
		600W	50% pebbles 25% sand 20% mud 5% organic		1.2				80
		550W	Till 40% sand 30% pebbles 20% mud 10% organic		.6				
		500W	till 40% mud 30% sand 20% pebbles.	20	1.2				
		450W	till 50% mud 30% sand 20% pebbles.	20	.8				
		400		420					
				41					

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As	
L 900N	0+50W		till : sand/pebbles, minor silt							
	0+00		till " "							
	1+00E		" "							
	2+00E		" "							
	~~3+00E~~		~~" "~~							
	4+00E		silt (till/soil)							
	4+50E		black, silt, mud (6")	285						
	5+00E		" " " "	25						
	6+00E		till, gravel, sand							
	7+00E		" " "							
	8+00E		" " "							
	9+00E		" " "							
L 10+00N	8+00E		till, gravel, sand							
	7+00E		" " "							
	6+00E		" " "							
	5+00E		brown, silt							
	4+50E		" silt, minor sand							
	4+00E		" " " "							
	3+50E		" " " "							
	3+00E		50% silt, 50% sand, pebbles							
L 700N	100 W		till silt sand							
L 800N	100W		sand gravel till							
L 900 N	100W		till sand, gravel							
L 10+00 N	BL0+00		" " "							
L 11+00 N	BL0+00		" " "	25	1.4				110	
L 12+00N	BL0+00		" " "	20						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
L100ON 25DE			TILL 50% SILT 30% CLAY 20% PEBBLES/SAND							
L100ON 200E			TILL SAND AND GRAVEL.							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
1000N 200W			TALUS - AT TOP - 80% MUD 20% SAND - PEBBLES		4.2		427		25
1000N 250W			70% MUD 15% PEBBLES 15% SAND - TILL						
1000N 300W			TILL - 75% MUD 15% PEBBLES 10% SAND						
1000N 350W			40% MUD 40% ORGANIC 15% PEBBLES 5% SAND						
1000N 400W			70% MUD 20% SAND 5% PEBBLES 5% ORGANIC						
1000N 462W			TILL - 40% SAND 40% MUD 20% GRAVEL						
1000N 500W			TILL 50% MUD 30% SAND 20% PEBBLES						
1000N 550W			TILL 50% MUD 30% SAND 20% PEBBLES						
1000N 600W			TILL 50% MUD 30% SAND 20% PEBBLES						
1000N 650W			ESKER 40% PEBBLE 40% SAND 20% MUD.						
1000N 700W			TILL 40% SAND 30% MUD 30% PEBBLES						
1000N 750W			TILL 40% SAND 50% MUD 30% PEBBLES						
1000N 800W			TILL - 40% SAND 40% MUD 20% PEBBLES		1.4				
900N 550W			TILL 40% SAND 30% PEBBLES 20% MUD 10% ORG.						
900N 500W			TILL 40% MUD 40% SAND 20% PEBBLES.						
900N 450W			TILL 50% MUD 30% SAND 20% PEBBLES						
900N 400W			MIDWAY UP TALUS SLOPE 90% SAND GRAVEL 10% MUD	420	5.0	40	586		900
900N 350W			TILL - 40% SAND 40% MUD 20% PEBBLES	40	1.0				165
900N 300W			SOIL - 60% SAND MUD 40% HUMUS		1.2				40
900N 250W			TILL 70% MUD 20% PEBBLES 10% SAND.		.6				20

Zone 1

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
L900N	BL		Till; 25 grav., 55 sand, 20 mud.						
	100E		Till; 25 grav., 50 sand, 25 mud						
L1000N	BL		Till; 30 grav.; 60 sand, 10 mud.						
	100E		Till/Talus; rusty, on outcrop; 40 grav, 50 sand, 10 mud	35					

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
1100N 500W			SOIL 90% SILT		1.4				25
1100N 550W			SOIL 90% SILT	30					
1100N 600W			SILT 90% SAND 10% - TILL - MORRAINE	35					
1100N 650W			TILL - MORRAINE - SILT 90% SAND 10%.	30	[illegible]				35
1100N 700W			TILL - MORRAINE - ~~SILT 90%~~ SAND 100%	20	1.0				30
1100N 750W			TILL - MORRAINE ~~SILT 90%~~ SAND 100%.	30	1.0				40
1100N 800W			TILL - MORRAINE 100% SAND.	60	1.0				35

Soil Sample Record Sheet

Sample No.	Location		Description		Geochem. Au	Ag	Cu	Zn	Pb	As
L11+00N	3+00E		till, sand/silt	8"						
"	3+50E		soil, silt minor sand	8"		1.2				
"	4+00E		" "	"	110					
"	4+50E		" "	"						
"	5+00E		till; sand/gravel, silt	6"						
"	6+00E		" " " "	"						
"	7+00E		" " " "	"						
"	8+00E		" " " "	"						
L14+00N	7+00E		till; sand, gravel, silt			.8				
"	6+00E		" " " minor silt			1.0				
"	5+00E		" " " "			1.2				
"	4+00E		" " " "							
"	3+00E		till; sand/silt							
"	2+00E		" " "							
L15+00N	1+00E		till/soil, sand minor silt	(6")						
"	0+50E		soil clay, silt minor fragments	(6")						
"	BLO		till sand, frags pebbles minor silt	6"	23					
	0+50W		brown soil clay/silt minor organics	8"						
	1+00W		brown soil sand/silt	6"						
	1+50W		" "	"						
	2+00W		soil, brown, sand/silt	6"						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
1200N 100E			BLACK TILL - CLAY SILT 15% PEBBLES		.8					
1200N 200E			BLACK CLAY SILT TILL 20% PEBBLES.		.8					
1200N 300E			LIGHT BROWN BASAL TILL SAND AND GRAVEL							
1200N 350E			BLACK SILT 70% CLAY 30% SOIL							
1200N 400E			RED BROWN SILT - Fg SAND SOIL 10% PEBBLES		.8					
1200N 450E			DK BROWN BASAL TILL SILT - SAND 20% GRAVEL	35						
1200N 500E			TILL Fg SAND 90% PEBBLES 10%.	40	.8					
1200N 600E			TILL SAND AND GRAVEL.							
1200N 700E			TILL SAND AND GRAVEL							
1200N 800E			TILL BLACK Fg SAND 10% PEBBLES.							
~~1200N 750~~										
1300N 800E			TILL SAND 15% PEBBLES.		10					
1300N 700E			TILL BLACK SAND 15% PEBBLES.							
1300N 600E			TILL SILT SAND 20% PEBBLES							
1300N 500E			TILL MUD SAND PEBBLES.							
1300N 400E			TILL SAND AND GRAVEL.							
1300N 1100E			till, sand silt gravel 8"							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
1200N	750W		Moraine silts and frags 80/20	60					
	700W		'as above'						
	650W		'as above' some input from nearby bluffs						
	600W		small talus slope beneath bluffs 60/40						
	550W		'as above'						
	500W		skeletal organic soil 60/40		1.0				
	450W		'as above'		1.2				
	400W		Breccia Talus beneath Bluffs 30/70		1.6				
1200N	350W		insitu organic skeletal soil						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
1500N ~~500W~~ ~~550W~~			DEV SOIL - SANDY - C	20					
1500N 450W			ON TALUS SILTY						
1500N 400W			TALUS - SILTY.		1.0				
1500N 350W			SILTY FRAGS 15% PEBBLES.		.8				
1500N 300W			SILTY 25% PEBBLES		1.0				
1500N 250W			MEADOW - SILTY.		2.2				
1700 N	750W		Moraine silts & frags, minor input from lapilli tuff o/c						
	700W		Organic rich dk brown silts						
	650W		" " " "	20					
	600W		Mid brown clays 60%, silts & frags 40%	20	1.0				
	550W		'as above'	50					
	500		Sample taken on large talus slope beneath		1.4				
			diabase cliffs - 80% frags						
	450W								
	400W		Dried up farm silts & frags		1.0				
	350W		In situ skeletal, organic soil	20	1.2				
1700W	300W		Pale to mid brown, friable sandy soil. frags 10%						

Zone 1

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As	
L1500N	200E		Till; 25 grav., 55 sand, 20 mud							
	300E		Till; 25 grav., 50 sand, 25 mud							
	400E		Till; 15 grav., 35 sand, 50 mud							
	500E		Till; 30 grav., 60 sand, 10 mud							
	600E		Till; 10 grav., 80 sand, 10 mud							
	700E		Till; 65 grav., 30 sand, 5 mud.							
L1600N	800E		Till; 70 grav., 25 sand, 5 mud							
	700E		Till; 10 grav, 80 sand, 10 mud							
L1400N	200W		Gravelly sand + Brown Humus; mossy veg.	123	1.3				101	
	150W		Brown Sandy Humus; on C horizon							
	100W		Humus in slide alder → dark brown							
	50W		Talus; 60 grav., 35 sand, 5 mud.	17	1.4				83	
	BL		Till; 30 grav., 60 sand, 10 mud.	23					32	
	100E		Till; 30 grav., 60 sand, 10 mud.							
L1300N	200W		Gravel/Sand + Brown Humus → low vegetation							
	150W		Dark Brown Sandy Humus; in low veg.							
	100W		Till/Talus; 30 grav., 60 sand, 10 mud.							
	BL		Till; 20 grav., 60 sand, 20 mud							
	100E		Till; 5 grav., 70 sand, 25 mud.							
	200E		Till; 20 grav., 70 sand, 10 mud.							
	300E		Till; 25 grav., 60 sand, 15 mud.							
L1200N	200W		Till/Talus; 35 grav., 55 sand, 10 mud.	234	2.4				159	
	100W		Till/Talus; 40 grav, 50 sand, 10 mud.	102	4.5				104	
L1100N	100W		Till/Talus; 40 grav, 55 sand, 5 mud.	64	1.1				78	
	BL		Till; 35 grav., 50 sand, 15 mud							
	100E		Till, 30 grav., 60 sand, 10 mud.							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
1600 N	750 W		Moraine silts & frags, some input from overhead bluffs		1.0		592		40
	700W		Organic rich silts 80%, rock frags 20%, moraine & nearby bluffs	30					35
	650W		'In situ' mid brown silts 70, frags 30		1.2				45
	600W		80% silts from dried up tarn. (glacial input)	35					55
	550W		'In situ' organic silts 60, frags 40,		1.0				
	500W		Sample taken within talus cone beneath bluffs						
	450W		Talus beneath steep bluffs	25					
	400W		Skeletal organic soil near ridge crest 70/30						
	350W		Skeletal soil on ridge crest.	30	1.8		484		
	300W		Skeletal organic 60/40		1.0				
	250W		'as above' 90% silts	25					

Zone One

Soil Sample Record Sheet

Sample No.	Location		Description		Geochem. Au	Ag	Cu	Zn	Pb	As	
L17+00N	3+00E		till sand, minor silt								
	4+00E		" gravel/sand/silt								
	5+00E		" " " "		196					14	
	6+00E		till, sand minor silt								
	7+00E		" " "								
	8+00E		" " "								
	2+00E		till, pebbles, sand, mud								
	1+50E		till/poor soil, 70% sand 20% mud, pebbles								
	1+00E		as 1+50E								
L16+00N	6+00E		till, sand, minor silt								
	5+00E		" " "								
	4+00E		" " "								
	3+00E		" silt/sand								
	7+00E		till 70% gravel/25% sand/5% mud		330					11	
	8+00E		till 10% mud/10% gravel/80% sand.		16						
	2+00E		till sand/pebbles/minor silt		171	4.9				84	
	1+00E		till " " "								
	0+50E		poorly dev. soil/till silt/pebbles/fragments	8"	59						
	BL0		sand, silt, frags	6"	185					33	
	0+50W		brown, silt, some minor organics	6"	51					93	
	1+00W		brown, silt minor sand	8"	191	25				286	
	200W		" " "	8"		4.9				84	
L17+00N	0+50E		brown soil 70% silt 20 mud 10 sand	6"							
	BL0+00		" " " "	6"	29						
	0+50W		" " " "	8"		1.6				148	
	1+00W		" " " "	8"							
	1+50W		" " " "	"							

"R" GRID - RESAMPLING OF '88 ANOMALIES

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
	SA# ON	OLD GRID	(1988)	Au	Ag	Cu	Zn	Pb	As	
C-S-1	L701		(-original sample (88) taken from "A" horizon, 3" deep)							
			25cm. depth of sample, med. grey clay							
			terrain flat, 5m N. of lake edge, adjacent							
			to stream; probable lake sediments		1.4				45	
C-S-2	L702		('88 sample 4" depth, A/B horizons)							
			-orangey brown, 30cm depth, steeply sloping							
			to East, heavy O/b in area; fragment rich							
			layer; sand/silt.							
C-S-3	L704		('88 sample, 6" depth, "A" horizon) 1' deep,							
			orangey brown, sand/silts 80, sloping east,							
			thick O/B.							
C-S-4	L705		('88 sample 2" depth, "A" horizon) 1.5 deep							
			Brown with orange tinge clay. No frags. Sloping							
			west on spur crest. probable In situ soil.							
C-S-5	5+00W	old grid.	1.5' clay, yellow brown, slope NW. heavy O/B.				253			
			couldn't find previous pit.							
C-S-6	3+25W	old grid.	('88 sample 4" depth "A" horizon) 1.5' dk orange		2.2					
			brown clays. (large rounded boulder in uniform							
			clay unit). 10% frags							
C-S-7	3+00W	old grid.	(could not find '88 pit). East slope. Very	14	3.0				100	
			heavy O/B. 1.2' deep dk orange brown clays 10% frags							
C-S-8	000W	1.00N (old grid)	(could not find '88 pit) Brown-orange clay, 10%		1.3					
			pebbles, 1.5ft.							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
C-S-9	000W,	0255	('88 pit not found) 1-8' dK brown organic rich clays. 40% fluvio-pebbles. adj to lake.							
C-S-10	4+50S,	100W	('88 pit not found). 1-4', med brown, 30% angular large frags.		1.4					

R GRID - LINE 000N

Soil Sample Record Sheet

Sample No. LINE 000 N	Location		Description: Depth, Description	Facing	Geochem. Au	Ag	Cu	Zn	Pb	As
000N	000W		16 inches, dk brown sands 40, clays 40, silts 20,	East.		.9		254		
	025W		12 inches, rusty brown silts 50%, clays 50,	East.	.13					
	050W		1 ft, rusty brown clays,	Flat,						
	075W		½ ft, rusty brown clays 60, silts 40,	East.						
	100W		1½ ft, lighter rust brown clays 70, silts 30,	East.						
	125W		1½ ft, pale brown silts & 30% talus gravels	West		3.5				
	150W		1½ ft, grey silts & sands over talus,	West.		2.9				
	175W.		2 ft, rusty brown clays & 50% frags,	West.		3.4				
	200W		1 ft, brown clays 50%, frags 40, silts 10%,	N.W.						
	225W		1 ft rusty brown clays & silts.	W.						
	250W		1 ft, deep brown - grey, silts, Meadow.	N.						
	275W		2 ft, brown grey, 80% silt, 20% clay. Meadow.	E		.9				
000N	300W		1 ft, brown silts & clays 80%, frags 20%	E.		1.0				

Soil Sample Record Sheet

Sample No. Line	Location C-S		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
000N	325W		1ft, deep rusty brown, silts40, Clay40, frags 20, East.		1.0				
	350W		1½ft, rusty brown 40% frags, 60% silts/clays. West		.8				
	375W				2.9				71
	400W		8", brown silts/clays 60%, sands10, frags 30%. W.	28	2.7				677
	425W		1', dark brown, 30% frags, clays/silts60, organics10, W.		7.9				46
	450W		1.5', brown silts 60, clays 40, West,						
	475		1', rounded pebbles noted. silts/clays 80, frag 20, W.						
	500		1.5', dK brown silts/clays 90, frags 10, Meadow, W.						
	525		1', rusty brown silt/clay 70, 30% frags, Meadow E.						
	550		1', rusty brown, silt/clay 60, organics 10, talus frag 30, W.						
	575		1', dK brown, 60% silt/clay, 30% talus frags, 10% organics W						
	600		1.5, grey silts/clays. 15m SW of stn. W.	26	.8				348
	625W		1', dK brown, 40 Silt/clays, talus frags 50, organics 10, E	44	3.9				276
000N									

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
000 N	650W		Brown grey silts/clays 80%, organics 20%. Meadow. Flat.		.8				56
	675W		8" brown silts/clays. West.		1.0				117
	700W		1', rusty brown silts/clay 70, frags 30, West		1.5				72
	725W		1', brown silts/clay 60, sands 10, frags 30. West		25				80
	750W		1', brown silts/clay 70, frags 30, West		1.1				
	775W		1', Talus slope 60 silts/clays, 20 talus frags, sand 10, West	.12	3.7				171
	800W		8" Talus slope Silts/clays 80, r talus frags 20, West	.16	2.7				169
	825W		SWAMP - NO SAMPLE						
	850W		1', rusty brown silts/clays 80, frags 20. Meadow. W.						
	875W		8', rusty brown, silts/clays 70, talus frags 30. talus. E.		.7				91
	900W		1', rusty brown, silts/clays 80, organics 20, East.		1.1				
	925W		1.5', side of bluffs, frags 40, silts/clays 30, sands 30.						
	950W		1.5', brown silts/clays 80, frags 20, talus slope. W.						82
	975W		1', brown silts/clays 80, organics 10, frags 10. W'						
	1000W		1', rusty brown, 50% frags, 50% silts/clays. E.						

"R" GRID L 1+00N

Soil Sample Record Sheet

Sample No.	Location		Description L 1+00 N	Geochem. Au	Ag	Cu	Zn	Pb	As
C-S 100N	0+00		no sample, as C-S-8 is 8 m South.						
	0+25 W		38cm depth, heavy o/b, sloping gently East probable transported soil, 20% pebbles, 70% clay 10% silt, light brown colour						
	0+50W		30 cm depth, Flat, rusty brown, composition as 0+25W						
	0+75W		45 cm depth, sloping West, rusty brown colour, heavy o/b, composition same as 0+25W						
	1+00W		Same as 0+25 W, 30cm depth, brown-red colour, on very steep slope sloping West						
	1+25W		30cm, as 1+00W						
	1+50W		35cm depth, on Flat ground between 2 small hills, prob. old creek bed. yellow-brown colour, 40% clay 50% sand 10% silt, numerous large fragments of dacite tuff						
	1+75W		35cm depth, brownish-orange colour, fairly steep hill, 30% gravel, 40% silt, clay, talus fragments (dacite tuff)						
	2+00W		30cm depth, orangey-brown colour, on gentle slope @ side of lake -old lake bottom. 90% silt 10% clay						
	2+25W		30cm depth, yellow-brown colour, flat ground beside lake, prob. old lake bottom. 80% clay 20% silt						
	3+10W		30cm depth sloping E, dark red-brown sand, 15% gravel / silt heavy o/b						
	3+25W		as 3+10 W						
	3+50W		as 3+10W						

R-Grid

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
	L 100N			Au	Ag	Cu	Zn	Pb	As	
L-S-100N-025E			30cm; Red-brown clay; minor sand/grav.							
050E			30cm; as above							
075E			25cm; as above							
100E			30cm; Black humus in swamp; minor sand							
125E			30cm; Red Brown clay; minor sand							
150E			30cm; Rusty Red clay; minor sand/gravel							
175E			25cm; as above							
200E			25cm; Red brown clay; 10% gravel; minor sand							
225E			30cm; Grey to brown leached clay; on rubble bottom							
250E			25cm; Rusty Red clay; 10% gravel; minor sand							
275E			25cm; Bright Rusty Red Clay; 10% sand							
300E			30cm; Red Brown clay; minor sand; 10% grav.							
325E			30cm; as above							
350E			25cm; as above							
375E			30cm; Pale Red-Brown; minor sand/grav.							
400E			20cm; as above							

GRID: L100N

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
	L100N			Au	Ag	Cu	Zn	Pb	As	
C-S-100N 3+75W			flat spur, heavy o/b, orangey brown 20% pebbles/frags 40% sand 20% silt 20% clay							
4+00W			30cm depth, redish-orangey brown, 5% organics 40%, 20% clay, 30% pebbles fragments, flat, fairly deep o/b							
4+25W			25cm depth, red brown 15% frags, 10% organics, "A/C" horizon, 50% sand, minor silt, sloping west.							
4+50W			35cm red brown ~~clay~~ 70% ~~pel~~ clay 10% pebbles, on edge of small slope (East)							
4+75W			30cm, sloping west, brown, 30% pebbles, 20% sand, 20% clay 40% silt heavy o/b.							
5+00W			40cm very steep slope (west) deep brown colour (as 4+75W composition) heavy o/b.							
5+25W			25cm, very steep westerly slope, 10% organics, gravel/fragments/sand/silt orangey brown colour moderate o/b							
5+50W			30cm 70% clay 20% silt 10% pebbles sloping west, heavy o/b, gentle slope,							
5+75W			brown orangey, 25cm very thick o/b slope north to swamp 80% clay 20% silt							
600W			brown, 30cm, heavy o/b slope W 40% sand, 15% gravel 30% silt 15% clay							

R GRID

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
	L100N								
C-S-100N 625W			fairly flat, near edge of swamp, very heavy o/b, 15% organics 20% frags, 60% clay 5% silt.						
675W			30 cm pit, sloping west, heavy o/b 10% fragments, pebbles, 70% clay, sand, silt.						
700W			30cm sloping east, heavy o/b 70% silt 10% mud 20% organics, dark brown						
C-SS-100S	685W		silty 80% sand 20%.						
725W				75	1.2		509		530
750W					1.6				

SEPT 2/89 "R GRID" L100N

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
C-S-100N	10+00	W	30cm depth, rusty brown colour, 60% silt 20% gravel, 20% sand some fragments, very near o/c, sloping steeply to west.						
	9+75	W	30cm depth, orangey-brown, 70% clay 30% silt, next to swamp, sloping gently east, probable old lake bottom.						
C-SS-100N	9+50	W	STREAM SED SAMPLE from very small creek flowing SSW 70% silt 20% gravel 10% sand.						
C-S-100N	9+25	W	NO SAMPLE - swamp thick O/B.						
	9+00	W	30 cm depth rusty brown colour, sloping west 60% silt, 30% sand, 10% organics.						
	8+75	W	30cm depth, brown grey colour, 60% sand, 40% silt, many fragments.						
	8+50	W	NO SAMPLE, swamp heavy O/B.						
	8+25	W	35 cm light brown colour, sloping west, moderate overburden, 70% sand, fragments, boulders.						
	8+00	W	30cm, rusty brown, flat spur 70% sand, organics, pebbles.						
C-SS-100N	7+80	W	STREAM SED SAMPLE - stream flowing SW gravel 70%, sand 20%, silt 10%.						
C-S-100N	7+75W		30cm depth, dark brow, flat, @ edge of old creek bed, 50% sand, 20% organics, 30% small fragments.						208
C-SS-~~100N~~	7+60W	1+20N	STREAM SED SAMPLE in stream flowing SSW downstream from Arg/Dacite contact. 40% sand 20% gravel 40% silt.						

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
				Au	Ag	Cu	Zn	Pb	As	
CB L300N	300N	975W	BLACK HUMUS + MINOR AMOUNTS SAND 15cm DEEP SLIGHT SLOPE							
CR CS	300N	950W	BROWN-RED SAND SILT 10% ORGANIC 50cm STEEP SLOPE							
CR CS	300N	925W	RED BROWN SAND SILT + HUMUS 25cm STEEP							
CR CS	300N	900W	LIGHT BROWN ORANGE SAND SILT 25cm							
CR CS	300N	875W	BLACK HUMUS + SAND 30cm DEEP MOD SLOPE							
CR CS	300N	850W	RUSTY RED BROWN CLAY + SILT 40cm DEEP FLAT							
CR CS	300N	825W	RUST RED CLAY + SILT 30cm SLIGHT SLOPE							
CS	300N	775W	RUSTY RED BROWN CLAY + ORGANIC (10%) 25cm							
CS	300N	750W	DARK BROWN-BLACK SILT + HUMUS 25cm VERY STEEP							
	300N	725W	ORANGE BROWN SILT + SAND (vfg) 20cm STEEP							

L200N "R GRID"

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
	L200	N		Au	Ag	Cu	Zn	Pb	As	
C-S-200N 175W			30cm, brown clay, sloping gently south west							
150W			as 175W							
125W			as 175W							
100W			as 175, flat							
0+75W			as 175, flat							
0+50W			as 175, flat							

RGEID L200N.

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
	L200N								
C-S-200N 200W			30cm flat, swampy, heavy o/b, orangey brown; clay 80% silt 20%						
225W			as 200W						
250W			as 200W						
275W			no sample - lake						
300W			no sample - lake						
325W			as 200W						
350W			30cm slight slope to west, moderate o/b 60% clay 10% sand 30% silt, orangey brown, some frags						
375W			orangey brown, flat (old creek bed) 70% clay 30% silt, 30cm.						
400W			slight slope to west, at bottom of outcrop, 20cm, orangey brown colour						
425W			orangey brown as above (400W) 20cm depth						
450W			as 400W						
475W			25cm, brown, moderate to heavy o/b sloping west, 20% sand, 40% silt 40% clay						
500W			heavy o/b @ edge of swamp, orangey brown, 35cm clay, flat						
525W			dark brown, 35cm, 20% organics, 60% silt 10% sand 10% clay, gently sloping west.						
5+50W			15cm depth, orangey brown clay on edge of swamp, sloping west. heavy overburden						

R GRID

Soil Sample Record Sheet

Sample No.	Location	Description	Geochem. Au	Ag	Cu	Zn	Pb	As
	L200N							
C-S-200N 5+75W		ns sample - swamp						
600W		on o/c, moderate o/b orangey brown clay/silt, fragments, flat.						
6+25W		sloping west, moderate o/b, 30cm light brown 80% clay 20% silt, fragment rich						
6+50W		flat, heavy o/b, 25cm depth, orangey brown clay/silt						
6+75W		slight slope to west, 70% silt 30% sand light brown/red-brown, 20 cm depth, heavy o/b						
7+00W		sloping west, moderate o/b, brown sand 40%, silt 60%, 25cm depth						
7+25W		sloping west, moderate o/b, brown, composition as 700W						
7+50W		as 700W						
7+75W		heavy o/b orangey brown, clay/silt, 15cm depth, slopes gently west.						
800W		light brown, moderate o/b on side of steep west slope, 15cm depth, 70% sand 30% silt.						

L300N "R GRID"

Soil Sample Record Sheet

	Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
		L300N								
C-S-300N	0+00			30cm depth, orangy brown clay @ base of o/c						
	0+25W			25cm orangy br. clay on o/c (≈1' o/b) flat						
	0+50W			25cm, orangy br. clay sloping west						
	0+75W			as 0+50W						
	1+00W			as 0+50W, flat						
	1+25W			as 0+50W, flat						
	1+50W			as 0+50W, flat						
	1+75W			15 cm depth, or br clay, sloping west						
	2+00W			25 cm, clay orangy brown, probable old lake bottom						
	225W			flat, or-brown clay, 25 cm depth						
	250W			flat as 225W						
	275W			sloping west as 225W						
	300W			sloping west, 15cm "A" horizon directly on top of Dacite o/c						
	3+25W			flat 30cm or-br clay						
	3+50W			as 3+25W, sloping west						
	3+75W			as 3+50W						
	4+00W			sloping west, 25cm depth, sand 70% silt 30% orangy brown soil						
	4+25W			35cm, swampy flat "A" horizon, probable old pond bed, brown black						

R GRID. L1005. 1"=30cm.

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
L1005									
C-S- BL0+00			flat to gently sloping west 30cm rusty brown clay, minor org, silt, probable old lake bed, heavy overburden						
0+25W			flat to gentle, eastwardly sloping swampy area 30cm composition same as 0+00, heavy overburden, boulders						
0+50W			flat to slight slope to south, looks like on edge of old creek bottom (swampy) 30cm rusty orange brown 50% clay 50% silt heavy overburden						
0+75W			relatively flat to slight southerly slope heavy O/B, 30cm, rusty, orange brown silt 80%, 40% clay 10% sand						
1+00W			on steep westwardly slope modest O/B, 30cm deep, brown 10% gravel 40% silt, 50 clay						80
1+25W			on side of steep westwardly slope same as 1+00						
1+50W			35cm flat (near lake) gently sloping to west, dark brown, 15-20% fragments, clay + silt				272		

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
Line 100S									
	300W		1.1', dk red brown, silts/sand 85, gravel 15, prob transported, E.		5.6				58
	325W		1.4', 'as above'		2.6				106
	350W		1.0', 'as above'		[illegible]				
	375W		1.4', Orange brown, pebbles/frags 20, sand 40, silt/clay 40, Flat possibly bedrock.						
	400W		1', possible o/c, reddish orange br. 5% organics, 40 Silt, 20 clay, 30 pebbles/frags. Flat.						
	425W		10", over bedrock, red brown, frags 15, organics 10, A/C horizon, 50% sands, minor silt, West.						
	450W		1.2', red brown clay 70, pebbles 10, East.						
	475W		1', brown, pebbles 30, sands, silts, clay 70, Mgh O/B. W.						
	500W		1.5', very steep slope 'as above' W.						
	525W		9", 10% organics 'as above' o/c noted close to surface W.						
	550W		1', orange and brown clays 70, silts 20, frags 10, W.						
	575W		10", brown orange clays 80%, silt 20, Slope N to swamp.						
100S	600W		1', brown, silts/clays 45%, sands 40%, gravel 15, W.						

"R" GRID

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
	L 1005			Au	Ag	Cu	Zn	Pb	As	
C-S-1005 4+75W			as 4+50W 35cm depth							
5+00W			Slope west, heavy o/b, many fragments,							
			grey brown to red brown, 30% silt, 50% clay							
			20% sand.							
5+25W			sloping steeply west, thin to moderate							
			o/c cover, orangey brown, 20-25cm							
			depth, 60% sand 20% silt, 20% clay							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
100 S	625W		15% organics, 20% frags, clays 60, silts 5%. Flat near edge of swamp.						
	650W				2.0				95
	675W		1', heavy O/B, 10% frags, 70% clays 20% silts. West		1.1				
	700W		1', " " 70% silts, 10% muds 20% organics East						
	725W		On top of bluffs - NO SAMPLE.						
	750W		1', red brown, 80% silts/clays 20% frags W.		3.5				105
	775W		1', dK orange brown, 80 silts/clays 20, frags W		.9				65
	800W		Steep west slope. Talus frags 60, silts/clays 40.	12	2.1				594
	825W		1ft, Mid brown transported clays & frags. Steep W.	13	2.1				48
	850W		1', dK browns clays 80, frags 20, Sm.						
	875W		NO SAMPLE - old stream terrace						
	900W		LINE FINISHES						
100S									

L200S "R" GRID

Soil Sample Record Sheet

Sample No. L200S	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
C-S - 0+00			as 0+25 m						
0+25W			Flat, 30cm, light brown clay, heavy overburden, pebbles						
0+50W			as 0+75W						
0+75W			30cm, flat, swampy, very heavy overburden						
			70% clay 20% sand 20% silt, gravel, boulders.						
1+00W			orangey brown, flat (in small trough)						
			25cm 80% clay 20% silt						
1+25W			orangey brown, 30cm depth, 80% clay, humus						
			gentle slope to west - on top of cliff						
			heavy o/b						
L100S 2+50W			30cm orangey brown clay, minor silt with						
			some fragments, gentle slope to East.						
2+75W			30cm flat, old stream bed, brown/orange						
			some silt frags in trough between 2 ridges.						
3+00W			25cm depth, orangey brown, clay with						
			minor sand, some fragments, sloping East						
3+25W			as 3+00W sloping West						
3+50W			slope gently east, on edge of trough,						
			orangey brown clay, 25 cm depth						
3+75W			30cm sloping west, orangey brown clay,						
			heavy o/b						
4+00W			30cm, flat, orangey brown clay, fragments,						
			heavy o/b						
4+25W			25cm flat, as 4+00W.						
4+50W			30cm, flat, moderately heavy o/b;						
			orangey brown clay						

R-grid

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem.						
	L2005			Au	Ag	Cu	Zn	Pb	As	
L-S-2005- 350W			30cm; red-brown clay; minor sand							
375W			20cm; rusty red clay; minor sand							
400W			20cm; as above							
425W			25cm; as above							
450W			25cm; as above							
475W			25cm; as above							
500W			25cm; as above.							
525W			25cm; Clayey-sandy humus; black topsoil;							
550W			25cm; red-brown clay; minor sand/gravel.							
575W			as above							
600W			as above							
625W			25cm; Black sandy humus; on cobble horizon.							
675W			30cm; Dark brown & black humus; minor sand/silt							

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
200 S			Line finishes at base of bluffs.						
	875W.		1ft, dk orange brown, green hue. Transported clays 90%. East.		1.1				
	850		9", mid brown transported clays 90, rounded pebbles.						
	825W		2ft. dk brown transported clays 60, frags 40. Chips of argillic + felsic volc.						
	800W		1ft, olive green brown clays 100, West.						
	775W		NO SAMPLE						
	750W		1ft. transported yet locally derived mid brown clays 60, frags 40%, frags of pyrite argillic. W.	28	6.4				172
	725W.		1.5ft, Mottled brown silts/clays, frags 30, W.		1.4				71
	700W		8", dk orange brown clays, pyrite argillic chips, spur crest.						
	675W		Lake edge NO SAMPLE.						
200S									

"R" GRID

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
			L 300 S						
C-S- 0+00			30cm depth, light brown, 40% clay, 50% silt, 10% humus, swampy, at edge of pond-heavy o/b.						
0+25W			as 0+00						
0+50W			flat, @ edge of pond 60% clay 30% silt, 10% sand rusty brown colour 25cm depth, heavy o/b.						
0+75W			25cm depth, flat @ edge of swamp, browny-orange colour, 60% clay 20% humus 20% silt, heavy o/b						
1+00W			sloping west, moderate overburden, 25cm depth, composition as 0+75W.						
1+25W			as 1+00 W						
~~2+00W~~			~~flat~~						

R-Grid

Soil Sample Record Sheet

Sample No.	Location	Description	Geochem. Au	Ag	Cu	Zn	Pb	As
	L 100N							
CS-100N- 600W		30cm depth; rusty red clay; minor sand/gravel;						
625W		20cm on rubble horizon; Humus & Clay grey.						
650W		20cm; rusty red clay; → minor silt						
675W		20cm; rusty red clay; " "						
	L300S							
CS-300S- 425W		30cm; leached humus → Black to brown; minor sand/silt						
450W		20cm; rusty red clay; minor sand/gravel						
475W		15cm; as above.						
500W		30cm; as above.						
525W		as above.						
550W		20cm; rusty red clay; 10% gravel.						
575W		30cm; brown soil; 5% sand, 25% org. → 60% silt + gravel						
600W		25cm; Black Humus, on outcrop; minor sand/silt.						
625W		25cm; bright red clay/silt; minor sand/gravel.						
650W		30cm; rusty red-brown clay/silt; base of cliff; minor sand						
675W		20cm; rusty red clay; minor sand.						
700W		25cm; as above						
725W		15cm; Brown soil; clay/silt; minor sand.						
750W		20cm; Humus (black); 10% sand.						

L400S. "R" GRID.

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
L400S									
C-S-0+00			as 0+25W - flat						
0+25W			30cm depth, flat, swamp between 2 ridges						
			60% clay 20% silt 20% sand, gravel						
			orangey brown colour						
0+50W			25 cm depth, sloping west, orangey brown						
			colour, 70% clay 30% silt						
			heavy o/b.						
0+75W			25 cm, sloping slightly to west, 80% clay						
			20% silt, brownish orange, heavy o/b.						
1+00W			Sloping west, heavy o/b, 20% sand						
			40% silt, 30% clay 10% organics						
			brown colour 25 cm de						
1+25W			sloping west, steep, 30cm depth, grey-brown						
			clay silt, heavy o/b.						
1+50W			sloping West, 40% silt, 60% clay, light						
			brown, heavy o/b, 25cm depth						
	— LAKE —								
4+75W			on edge of lake, very heavy o/b, 30cm depth						
			o.-br. clay, sloping west.						
5+00W			at water's edge (small inlet) sloping E,						
			90% clay 10% silt, organics, orangey br, 25cm						
5+25W			flat, moderate o/b, o-brown, 60% clay						
			30% silt, 10% sand, 30 cm						
5+50W			as 5+75W						
5+75W			25cm orangey-brown clay, slight						
			slope west, moderate o/b						

L 4005 "R" GRID

Soil Sample Record Sheet

Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
3-5-4005 600 W			as 625 W						
625W			30cm depth, steeply sloping west, on o/c, orangy brown soil 80% sand 20% silt						
650W			40 cm depth, heavy o/b, orangey brown clay, flat creek bottom, swampy						
675W			25 cm, near o/c, moderate o/b, sloping SE, sandy 70 silt 20, many fragments light brown colour.						
7+00W			slight slope to west, on o/c, 15 cm depth orangy brown clay						
7+25W			20 cm depth, orangy brown clay, moderate overburden, sloping to east, silt 30% clay 35% sand 35%						
7+50W			15cm light brown soil on o/c, shallow overburden, sloping moderately to west. sand 70% silt 30% some frags.						
7+75W			30cm depth, as 8+50W						
800W			30cm " as 8+50W						
825W			30cm " as 8+50W						
850W			30cm heavy o/b, steeply sloping west, orangy brown, clay 90% silt 10%						
875W			heavy o/b, swamp-no sample						

R GRID

Soil Sample Record Sheet

	Sample No.	Location		Description	Geochem. Au	Ag	Cu	Zn	Pb	As
		L500S								
C-S-500S	0+25W			sloping gently east, moderate o/b, orangey-brown, clay, silt, minor sand						
	0+50W			brown 20 cm sandy/silty, sloping gently west, 20% fragments						
	0+75W			sloping west, heavy o/b, 10% frags, red-brown, clay 80% silt 10%		1.4				
	100W			sloping west, 20 cm depth, orangey brown clay, moderate o/b.		1.3				
	1+25W			30 cm depth, flat, heavy o/b orangey brown clay 90% silt 10%, some frags.						
	1+50W			rusty brown 30% frags, 70% clay/silt 25 cm depth - over B/C.						
	BL 0+00			30cm depth, flat 20% sand 20% silt, 60% clay, orangeybrown, heavy o/b.						
C-S-500S	900W			no sample o/b too heavy						
	875W			30cm, orangey brown clay, steeply sloping west, heavy o/b						
	850W			as 875W						
	800W			"A" horizon (possible "C" top) many fragments, humus silt, sand. red-brown colour, steeply sloping W.						
	775W			orangey brown, 30 cm, sand 80%, clay 20% sloping west.						
	750W			flat, heavy o/b 30cm depth, orangey brown clay.						

RGRID

Soil Sample Record Sheet

Sample No.	Location	Description	Geochem. Au	Ag	Cu	Zn	Pb	As
	L500S							
C-S-500S 725W		25cm depth, heavy o/b, sloping west, orangey brown clay						
700W		flat (in minor trough) as 7+25W						
675W		as 7+25W sloping west						
650W		as 7+25W sloping west						
625W		as 650W						
600W		as 650W						
5+75W		at edge of o/c, very steep slope to west, 15cm depth "A" horizon sample, brown-black, humus & silty.						
5+50W		25cm orangey brown clay sloping west						