Drill core is stored at the Cominco camp at the Bronson Airstrip.

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,122

PART 2 OF 2

PROPERTY: ISKUT JOINT VENTURE — DDH: JV-87-01 — CORE SIZE: ~~ABQ~~ —

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 41+77N
DEPARTURE . . . . . 14+25E
ELEVATION . . . . . .160.0 m

DATE STARTED. . . July 28, 1987
DATE COMPLETED. . July 30, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 060
INCLINATION. . . . . .-45
FINAL. . . . . .-46
DEPTH. . . . . .152.2 m

FROM: m	TO: m	DESCRIPTION
0.0	2.1	CASING
2.1	15.2	FINE-GRAINED, DARK GREEN TO GREY MAFIC VOLCANIC BIOTITE SCHIST, usually with distinctive 1 mm (or less) pseudomorphs of pink calcite and quartz replacements. (Often hexagonal or pseudo-hexagonal in cross-section, occasionally up to 3 or 4 mm.) Fairly heterogeneous distribution and makes up approximately 1% of unit. Small feldspar laths are present, but ≤1%. Occasionally there are 10 - 15 cm interbeds of light to medium grey, fine-grained rhyolite or rhyodacite; much harder and more siliceous than the mafic. Contacts at 70 - 80°. <1% cross-cutting carbonate ±quartz veinlets, occasionally with chlorite. The latter is often present on joint surfaces. 2.1 - 10.0: 1% pyrite as 1 - 2 mm cross-cutting veinlets. Trace arsenopyrite. 10.0 - 15.2: 5% pyrite as 1 mm - 1 cm veins (±quartz), disseminations and blebs. Often coarse-grained. May also be associated with carbonate ±chlorite veins (these are relatively rare). Trace chalcopyrite. 13.2 - 15.2: Unit is moderately magnetic. 6.9:2 cm of fault gouge; ∝20° (6.7 - 8.8 = 24% recovery)

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
2.1	3.4	70	10000	2.1	3.1	1.0	764	10.70	1300	1490	4200	
3.4	4.3	44	10001	3.1	4.1	1.0	72	1.74	98	1030	1850	
4.3	4.9	71	10002	4.1	5.1	1.0	136	7.30	330	490	880	
4.9	5.8	55	10003	5.1	6.1	1.0	148	3.50	93	560	370	
5.8	6.7	100	10004	6.1	6.7	0.6	92	1.05	69	200	460	
6.7	8.8	24	10005	6.7	8.8	2.1	86	3.30	139	1250	470	
8.8	9.1	100	10006	8.8	9.9	1.1	34	1.06	120	47	470	
9.1	11.3	50	10007	9.9	11.0	1.1	28	0.47	52	48	240	
11.3	11.9	100	10008	11.0	12.0	1.0	122	4.00	370	460	1330	
11.9	13.1	83	10009	12.0	13.0	1.0	188	38.00	360	2400	4300	
13.1	13.7	100	10010	13.0	14.0	1.0	126	2.50	145	540	2000	
13.7	14.9	50	10011	14.0	15.2	1.2	96	3.50	184	510	1250	
14.9	15.5	100										

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
15.2	25.6	INTERBEDDED RHYOLITE AND DACITIC TUFF. Beds are from 1 cm to 20 cm thick. Rhyolite is a very fine-grained, homogeneous, light-grey unit with individual grains discernible with difficulty. The tuff is a fine-grained, medium-grey unit with up to 5% biotite; contains occasionally fragments of rhyolite. Both units have moderate carbonate alteration both as $\leq$1 cm, discontinuous veins and veinlets as well as interstitial, pervasive carbonate throughout. α = 70°.	15.5	16.8	85	10012	15.2	15.6	0.4	120	3.20	350	143	180	
			16.8	18.0	30	10013	15.6	16.8	1.2	24	1.24	380	52	210	
						10014	16.8	18.0	1.2	22	0.89	27	33	106	
						10015	18.0	19.0	1.0	30	0.88	141	5	58	
			18.9	19.5	100	10016	19.0	20.0	1.0	22	0.55	110	5	260	
		Pyrite content averages 3 - 5%. It occurs in both units, but is more common within the tuff. Mode of occurrence includes euhedral to anhedral crystals occurring as disseminations, veins (with quartz), and it has been preferentially deposited in certain beds. Only traces of chalcopyrite were observed.	19.5	21.0	100	10017	20.0	21.0	1.0	12	1.69	17	31	81	
			21.0	23.2	85	10018	21.0	22.0	1.0	24	1.15	56	68	183	
			23.2	24.1	100	10019	22.0	23.0	1.0	38	1.72	400	65	113	
		15.2 - 15.4: Quartz vein - milky white and grey quartz with one 2mm pyrite vein at 15.4.	24.1	25.0	80	10020	23.0	24.0	1.0	62	0.78	280	7	102	
		15.4 - 15.5: Quartz-flood tuff with 25% pyrite.				10021	24.0	25.0	1.0	10	2.90	109	38	109	
		18.2 - 18.3: Concordant quartz-pyrite (20%) vein at 70°.				10022	25.0	25.6	1.0	2	1.02	40	16	46	
		24.1 - 24.2: Quartz vein - 1% pyrite.													
25.6	40.8	DACITE TUFF. Very fine to fine-grained, medium grey. Moderate amount of small (cm's) beds of calcareous tuff (α= 40°) as well as many tiny veinlets or fracture fillings of calcite, often with 50%+ pyrite. Pyrite is present throughout the core, mainly as disseminations from 0.5 to 5% (with an average of 3%), but also as veins usually with quartz $\pm$carbonate, and as a major component of certain preferential beds. These latter are often, but not always,	25.0	26.2	100	10023	25.6	26.2	0.6	6	0.92	180	36	93	
			26.2	27.1	100	10024	26.2	27.2	1.0	20	1.01	80	29	460	
			27.1	28.0	80	10025	27.2	28.2	1.0	32	0.80	130	11	71	
			28.0	30.2	100	10026	28.2	29.2	1.0	2	1.13	270	21	290	
						10027	29.2	30.2	1.0	2	0.83	161	29	69	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		associated with minor fractures. There is also trace chalcopyrite. Very strong pyrite occurs from:	30.2	31.7	90	10028	30.2	31.2	1.0	2	0.97	40	57	53	
						10029	31.2	32.2	1.0	6	1.14	85	33	70	
			31.7	33.2	100	10030	32.2	33.2	1.0	16	1.70	69	59	1050	
		26.2 - 28.2: 10% pyrite as coarse crystals in veins and proximal to veins, and as finer-grained disseminations.	33.2	35.4	100	10031	33.2	34.4	1.2	4	1.01	91	118	2000	
						10032	34.4	35.7	1.3	104	4.10	63	670	670	
			35.4	36.3	100	10033	35.7	36.7	1.0	12	0.72	74	41	142	
		34.4 - 35.7: 15% - 50% pyrite associated with a shear at 5° - 70% recovery.				10034	36.7	37.7	1.0	32	1.23	75	50	116	
			36.3	38.4	100	10035	37.7	38.7	1.0	32	0.83	66	59	350	
			38.4	39.3	80	10036	38.7	39.7	1.0	32	1.00	127	67	200	
		39.6: Fold nose.	39.3	40.8	90	10037	39.7	40.8	1.1	18	0.37	25	32	74	
40.8	42.1	DIORITE SILL. Upper contact not preserved, but lower contact is concordant. Purple-grey, fine-grained diorite. Ground mass is difficult to see, but it has 1 mm crystals of feldspar floating in it. Cross-cut by several quartz or quartz + chlorite or quartz + pyrite veins, which usually have a bleached envelope around them.	40.8	41.5	85	10038	40.8	42.1	1.3	16	0.63	128	22	73	
			41.5	42.2	100										
42.1	45.2	INTERCALATED DACITE TUFF AND MORE MAFIC VOLCANICLASTIC. Latter is slightly coarser grained and darker than the DACITE. Several quartz and chlorite veins and numerous quartz and carbonate veins. Approximately 3% pyrite throughout, mainly as disseminations, but also as tiny veinlets.	42.4	43.4	100	10039	42.1	43.4	1.3	104	0.51	132	16	58	
		43.4 - 44.1: 7% Pyrite as fine-grained disseminations throughout, coarse grained disseminations associated with quartz (possibly feldspar) flooding and as fine-grained, wispy veins.	43.4	45.4	70	10040	43.4	44.1	0.7	52	0.49	89	6	35	
						10041	44.1	45.1	1.0	32	0.72	107	7	56	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
45.2	53.8	FINE-GRAINED MAFIC TUFF WITH INTERCALATIONS OF VERY FINE GRAINED DACITIC TUFF AND GREYWACKE. Generally good quartz and quartz + carbonate veining throughout. From 49.0 - 52.6 there are many fine quartz (?) veinlets cross-cutting the foliation and these have 1 mm to 1 cm bleached envelopes surrounding them. The occasional larger vein exhibits minor chlorite and pyrite. An average of 2% pyrite occurs throughout, mainly as disseminations, but also preferentially deposited in certain beds and also as veins.	45.4	45.7	100	10042	45.2	46.2	1.0	16	0.63	82	7	44	
						10043	46.2	47.2	1.0	26	0.78	74	11	44	
			45.7	48.5	100	10044	47.2	48.2	1.0	22	0.54	44	7	51	
			48.5	49.4	100	10045	48.2	49.2	1.0	14	0.71	35	8	57	
			49.4	50.6	100	10046	49.2	50.2	1.0	30	0.83	48	14	50	
			50.6	51.4	100	10047	50.2	51.2	1.0	22	0.38	28	6	43	
			51.4	52.4	90	10048	51.2	52.2	1.0	38	1.02	33	18	51	
						10049	52.2	53.0	0.8	18	0.56	44	33	85	
			52.4	54.0	100	10050	53.0	53.8	0.8	10	0.39	27	4	40	
53.8	68.6	MASSIVE TO WELL-BEDDED, FINE-GRAINED MAFIC TUFF. Upper Contact at 40°, but it is obvious from the core angles that some folding is going on, e.g. 67.7 m - 65°; 68.6 m - 15°. 2% calcite and quartz calcite veinlets, often as tension gash fillings, as well as veinlets, and occasionally with associated chlorite.	54.0	54.6	75	10051	53.8	54.6	0.8	44	3.60	61	10	53	
						10052	54.6	55.5	0.9	28	1.33	41	12	40	
			54.6	56.4	100	10053	55.5	56.5	1.0	40	1.14	42	11	30	
			56.4	57.3	100	10054	56.5	57.5	1.0	102	2.60	57	9	39	
			57.3	57.6	100	10055	57.5	58.5	1.0	44	1.63	64	3	44	
			57.6	58.8	100	10056	58.5	59.5	1.0	8	0.96	73	3	46	
			58.8	60.7	90	10057	59.5	60.4	0.9	14	1.36	143	4	40	
			60.7	62.0	100	10058	60.4	61.4	1.0	12	1.34	176	6	54	
			62.0	62.3	100	10059	61.4	62.4	1.0	6	0.62	100	7	61	
			62.3	63.7	90	10060	62.4	63.4	1.0	4	0.53	67	9	53	
			63.7	64.6	100	10061	63.4	64.4	1.0	4	0.48	97	6	80	
						10062	64.4	65.4	1.0	2	0.51	72	10	137	
			64.6	66.7	100	10063	65.4	66.4	1.0	8	0.93	111	12	159	
						10064	66.4	67.4	1.0	6	1.10	62	14	53	
			66.7	68.6	95	10065	67.4	68.4	1.0	24	1.25	99	27	185	

$\alpha = 30°$

49.0: High-angle joint set or shear at 5°.

The unit appears silicified (possible rhyolite interbed) from 56.2 - 57.8 m.

There is moderate chlorite throughout, both as pervasive alteration and as fracture fillings.

The average pyrite content is 2%, mainly as disseminations, but larger concentrations (up to 10%) often occur over 10 cm. In addition, there is 5 - 10% pyrite from 54.6 - 55.5, 60.4 - 61.4, and 67.4 - 68.6 m.

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
68.6	71.3	RHYOLITE (?). Very fine-grained silicic unit, with the occasional fragment (1 cm^2). Light grey to purplish in colour. Quartz and quartz + calcite veins and fracture fillings predominate at the beginning of the section. Pyrite from 5 - 10% throughout as medium-grained disseminations and as large (1 cm^2) blebs of smaller crystals. Core angles are generally very steep, i.e. 5 - 10° and shallow to 35° at lower contact.	68.6	69.8	90	10066	68.6	69.6	1.0	32	2.00	92	64	1100	
			69.8	70.2	100	10067	69.6	70.6	1.0	38	3.10	127	164	430	
			70.2	71.9	100	10068	0.6	71.3	0.7	46	1.05	63	89	147	
71.3	75.1	DACITIC LAPILLI TUFF. Medium-grained tuff containing fragments up to 1 cm x 2 cm of dacite composition. Moderate chlorite alteration and many quartz + carbonate veins and tension gash infillings. An average of 3% pyrite, but much stronger (10%) for first 1.5 m.	71.9	72.8	100	10069	71.3	72.3	1.0	76	2.60	830	135	420	
			72.8	73.5	85	10070	72.3	73.3	1.0	44	3.20	129	340	880	
			73.5	74.1	100	10071	73.3	74.3	1.0	74	5.60	880	63	200	
			74.1	75.9	55	10072	74.3	75.1	0.8	60	3.90	330	49	480	
75.1	78.0	VERY FINE-GRAINED, DARK GREY, SILICEOUS TUFF. Carbonate as tension gash infillings and veinlets. 2% of disseminated pyrite as 1 - 2 mm euhedral crystals.	75.9	76.8	65	10073	75.1	76.0	0.9	48	1.55	101	66	320	
			76.8	77.4	85	10074	76.0	77.0	1.0	94	3.00	175	99	530	
			77.4	78.0	85	10075	77.0	78.0	1.0	76	3.10	380	58	830	
78.0	84.6	RHYODACITE, LAPILLI TUFF AND BRECCIA. Moderately to strongly siliceous with fragments of the same composition. Core α = 50°. Moderate quartz-carbonate and quartz (±pyrite) veining.	78.0	78.9	0.9	10076	78.0	79.3	1.3	188	11.20	2300	180	930	
						10077	79.3	80.1	0.8	18	0.76	145	16	32	
			78.9	82.0	100	10078	80.1	80.9	0.8	28	0.93	320	11	23	
						10079	80.9	81.8	0.9	46	0.78	114	16	64	
		78.0 - 79.3: 5% pyrite, 0.5% chalcopyrite as wispy veins and disseminations.													

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		79.3 - 81.8: 2% pyrite	82.0	85.0	100	10080	81.8	82.8	1.0	62	0.89	36	41	29	
		81.8 - 84.6:5 - 7% pyrite as wispy veins and disseminations; includes 83.3 - 84.6 m: 5% pyrrhotite as wispy veins.				10081	82.8	83.7	0.9	144	1.56	72	52	86	
						10082	83.7	84.6	0.9	46	0.94	85	49	43	
84.6	89.3	DACITIC LAPILLI TUFF. Fragments are not as plentiful as from 78.0 - 84.6 m and are less siliceous, as is the groundmass. Often thin-bedded with alternating fine-grained pinkish tuff (minor hematite?) and light grey, medium-grained lapilli tuff. The former often displays flame structures. 1% pyrite throughout unit, with 5%+ pyrite from 88.0 m onwards.	85.0	88.1	100	10083	84.6	85.6	1.0	62	3.50	141	500	2300	
						10084	85.6	86.6	1.0	108	0.72	330	14	42	
						10085	86.6	87.3	0.7	52	0.13	31	4	22	
						10086	87.3	88.0	0.7	54	0.08	24	3	31	
						10087	88.0	88.6	0.6	330	0.52	610	4	44	
						10088	88.6	89.3	0.7	326	0.72	650	2	45	
89.3	90.2	PELSIC INTRUSIVE (?) Groundmass, when visible, appears to consist only of feldspar and quartz in more or less equal proportions. This has been largely masked by the presence of 50%+ pyrite as homogeneous disseminations.	88.1	89.9	100	10089	89.3	90.2	0.9	138	0.27	96	4	60	
			89.9	91.1	90	10090	90.2	91.2	1.0	58	0.36	16	42	340	
			91.1	94.2	100	10091	91.2	92.2	1.0	56	0.49	10	40	310	
90.2	105.4	DACITIC TUFF. Thin banded, fine-grained, medium grey tuff.				10092	92.2	93.2	1.0	72	0.43	12	33	66	
		α = 55°. Several 2 - 3 cm carbonate ($\pm$quartz) veins.				10093	93.2	94.2	1.0	96	0.48	8	21	36	
		Occasional 1 cm clast, often of a very fine-grained rhyolite.	94.2	97.2	100	10094	94.2	95.2	1.0	46	0.34	11	29	47	
		3 - 5% pyrite to 95.2 m, but diminishes to <0.5% thereafter.				10095	95.2	96.2	1.0	52	0.54	47	41	140	
						10096	96.2	97.2	1.0	84	0.77	121	57	143	
		97.5 - 98.3: Shear zone at 58°.	97.2	100.3	100	10097	97.2	98.2	1.0	62	1.03	157	40	68	
		102.0 m : α = 80°.				10098	98.2	99.2	1.0	52	1.40	102	50	300	
						10099	99.2	100.2	1.0	96	1.95	172	70	2900	
		The rhyolite clasts, as well as the dacitic clasts, increase in quantity from 96.1 - 101.5 m.	100.3	102.3	100	10100	100.2	101.2	1.0	68	1.48	173	36	77	
						10101	101.2	102.2	1.0	58	0.69	170	21	101	

FROM: m	TO: m	DESCRIPTION	RECOVERY FROM: m	RECOVERY TO: m	RECOVERY %	SAMPLE NUMBER	LENGTH FROM: m	LENGTH TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		Proximal to the lower contact, the core angles change dramatically to 5°, suggesting this is a fault contact.	102.3	104.5	55	10102	102.2	103.2	1.0	66	1.40	340	36	84	
			104.5	106.4	100	10103	103.2	104.2	1.0	74	2.40	340	41	111	
						10104	104.2	105.4	1.2	386	9.60	910	350	140	
						10105	105.4	106.4	1.0	84	1.03	28	41	14	
105.4	111.9	INTERBEDDED, FINE-GRAINED SANDSTONE AND PYRITE-RICH TUFF (?).	106.4	107.6	100	10106	106.4	107.4	1.0	64	1.95	134	31	30	
		Sandstone beds are 1 - 5 cm thick, whereas tuff (?) beds rarely				10107	107.4	108.4	1.0	42	1.66	192	68	330	
		exceed 2 cm.	107.6	109.4	100	10108	108.4	109.4	1.0	34	0.81	162	27	158	
		Often appears to have been reworked, with the sandstone being broken up and the tuff (?) forming flame structures. Very minor carbonate veining.	109.4	111.9	100	10109	109.4	110.4	1.0	28	1.10	380	32	94	
						10110	110.4	111.4	1.0	20	0.46	117	34	96	
		106.9 m : 10 cm of fault gouge 109.8 m : α = 45° 111.3 m : α = 70°				10111	111.4	111.9	0.5	22	0.86	141	43	196	
111.9	112.5	FAULT ZONE - brecciated and altered. Good chlorite and moderate sericite. 0.5% pyrite.	111.9	112.5	50	10112	111.9	112.5	0.6	32	0.85	86	78	129	
112.5	124.9	DACITE LAPILLI TUFF: Fine-grained, grey to purple-brown. Well banded α = 55°. Bands are often discontinuous or broken.	112.5	115.5	100	10113	112.5	113.5	1.0	44	0.52	51	39	76	
						10114	113.5	114.5	1.0	54	1.28	85	49	80	
		Contains small clasts, usually of the same composition as the matrix.				10115	114.5	115.5	1.0	52	1.29	270	30	310	
		111.9-112.3: Gravel and gouge with 3% pyrite.													
		112.5-117.3: Minor quartz ±calcite veining, usually cross-cutting the banding.	115.5	115.8	100	10116	115.5	116.5	1.0	48	1.04	360	16	300	
		<1% pyrite, usually preferentially disseminated in certain beds.	115.8	117.3	90	10117	116.5	117.3	0.8	34	0.46	89	17	133	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		117.3-118.0: 5% pyrite, as disseminations and veinlets.	117.3	118.6	90	10118	117.3	118.0	0.7	202	3.30	770	90	40	
		1% chalcopyrite associated with quartz veins.	118.6	119.8	100	10119	118.0	119.0	1.0	82	1.53	590	18	110	
		120.0-121.0: 3% pyrite as bands or small veinlets. Trace chalcopyrite.	119.8	120.7	80	10120	119.0	120.0	1.0	76	2.60	740	48	189	
		121.0-121.6: Shear zone at 55°. Original texture still present except for 20 cm of clay and gouge. Good recovery.	120.7	121.6	90	10121	120.0	121.0	1.0	42	0.92	2300	38	147	
						10122	121.0	122.0	1.0	58	4.40	440	74	150	
		122.6-123.2: 3% disseminated pyrite.	121.6	123.4	100	10123	122.0	122.6	0.6	44	2.70	158	28	30	
		123.6-124.6: 5% disseminated pyrite.	123.4	124.7	100	10124	122.6	123.6	1.0	38	1.10	28	17	18	
						10125	123.6	124.6	1.0	48	2.80	114	36	280	
		Moderate chlorite and sericite throughout, observed mainly on joint surfaces.													
124.9	149.7	INTERBEDDED DACITE LAPILLI TUFF AND RHYOLITE. Fine to medium-grained lapilli tuff, brownish-grey in colour, with lapilli-sized rounded to reworked fragments from the rhyolite beds, few of which are intact. Folding is evident from the core angles, which change abruptly from the norm of 45-55° to 0-5° in several places suggesting tight isoclinal folding.	124.7	126.2	100	10126	124.6	125.2	0.6	16	1.30	124	41	2100	
						10127	125.2	126.2	1.0	24	0.87	115	31	830	
			126.2	127.7	95	10128	126.2	127.2	1.0	28	0.84	52	63	700	
			127.7	128.3	100	10129	127.2	128.2	1.0	32	0.94	136	93	2000	
			128.3	129.9	100	10130	128.2	129.2	1.0	56	1.27	128	163	1830	
			129.9	130.8	80	10131	129.2	130.2	1.0	42	0.90	94	77	1110	
			130.8	132.3	100	10132	130.2	131.2	1.0	26	0.51	130	44	1910	
		Quartz +carbonate veining is present, but is not as common as in other sections. Biotite and chlorite occur throughout this section.	132.3	133.8	100	10133	131.2	132.2	1.0	24	0.48	141	29	4700	
						10134	132.2	133.2	1.0	24	0.48	70	39	350	
						10135	133.2	134.2	1.0	46	0.77	99	40	830	
			133.8	135.3	95	10136	134.2	135.2	1.0	26	0.59	90	31	176	
		Pyrite is the only sulphide observed, but occurs as remobilized bands, disseminations and possibly fragments with an average concentration of 5-7%.	135.3	136.9	90	10137	135.2	136.2	1.0	36	0.88	135	34	1350	
						10138	136.2	137.2	1.0	22	0.57	171	30	1250	
			136.9	139.9	100	10139	137.2	138.2	1.0	18	0.60	105	30	2400	
						10140	138.2	139.2	1.0	18	0.72	118	34	800	
		140.0-141.4: Fault zone; no gouge - just badly broken core.	139.9	141.4	100	10141	139.2	140.2	1.0	26	0.68	138	33	1320	
						10142	140.2	141.2	1.0	42	2.90	126	98	2500	
		141.4-142.0: Fault zone; minor gouge; good breccia and broken rock.	141.4	142.0	85	10143	141.2	142.2	1.0	34	1.58	150	72	850	
			142.0	143.0	90	10144	142.2	143.2	1.0	18	0.70	131	11	410	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		143.6: 10 cm of sheared core at 70°	143.0	144.3	100	10145	143.2	144.2	1.0	28	1.17	260	12	66	
			144.3	146.0	80	10146	144.2	145.2	1.0	30	0.87	100	16	118	
		146.0-146.6: 15% quartz veining with minor chalcopyrite and trace sphalerite.	146.0	147.0	100	10147	145.2	146.0	0.8	32	0.84	136	10	67	
						10148	146.0	146.4	0.4	48	5.20	1070	22	77	
			147.0	148.4	100	10149	146.4	147.5	1.1	20	0.51	25	16	25	
		146.6-147.5: ∝5 - 10°. Silicified zone with minor ptygmatic				10150	147.2	148.5	1.0	168	0.72	109	21	80	
		pyrite veins.	148.4	149.0	85	10151	148.5	149.7	1.2	36	0.35	39	8	56	
149.7	152.1	DACITE LAPILLI TUFF: Similar to that at 112.5 - 124.9 except less fragments. 1-2% quartz ± carbonate veining.	149.0	152.1	95	10152	149.7	150.9	1.2	148	3.00	800	15	124	
						10153	150.9	152.1	1.2	84	1.54	270	28	165	
		1% disseminated pyrite throughout.													
		152.1: END OF HOLE													

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-02 | CORE SIZE: BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 41+77N
DEPARTURE . . . . . 14+25E
ELEVATION . . . . . .160.0 m

DATE STARTED. . . July 30, 1987
DATE COMPLETED. . July 31, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 020
INCLINATION. . . . . .-45
FINAL. . . . . .-43
DEPTH. . . . . .139.3 m

FROM: m	TO: m	DESCRIPTION
0.0	4.6	CASING
4.6	21.0	MAFIC TUFF. Fine to medium-grained mafic tuff with very occasional lapilli fragments. Core angle = 80°. 2-3% biotite resulting in a schistose fabric. About 1% garnet porphyroblasts from 4.6 - 13.0 m. Very occasional rhyodacite beds, usually boudined or broken up. About 3% quartz (±calcite) veins often containing pyrite. ≤1% pyrite throughout as disseminations and small veinlets. 6.5 m: 0.5 cm quartz vein with traces of sphalerite. 11.4 - 13.7: 3-5% pyrite as disseminations, veinlets and 2-3 mm agglomerations. 15.3 - 18.0: 3% pyrite as above. 4.6 - 5.8: core is very broken with minor clay. Possible fault, but probably weathering. 6.3 m: 10 cm of fault gouge at 40°. 12.5 - 13.4: Core is very broken but no gouge. 15.5 - 28.7: Very broken core, with minor clay and gouge. Angles from 50-65°. The main fault zone occurs between 18.0 and 21.0 m.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
4.6	5.8	25	10154	4.6	5.8	1.2	88	0.68	108	109	600	
5.8	7.3	85	10155	5.8	6.8	1.0	88	3.70	4400	2100	4400	
			10156	6.8	7.8	1.0	56	0.95	440	310	440	
7.3	8.8	75	10157	7.8	8.8	1.0	20	0.26	52	10	52	
8.8	10.4	90	10158	8.8	9.8	1.0	28	0.35	123	12	123	
			10159	9.8	10.4	0.6	16	0.58	330	27	330	
10.4	11.3	65	10160	10.4	11.4	1.0	96	1.21	820	96	820	
11.3	12.5	75	10161	11.4	12.4	1.0	154	7.00	1680	810	1680	
12.5	13.4	80	10162	12.4	13.0	0.6	52	0.70	75	330	680	
13.4	14.0	100	10163	13.0	13.7	0.7	76	0.68	111	240	700	
14.0	14.9	65	10164	13.7	14.5	0.8	26	0.27	86	55	169	
14.9	15.5	100	10165	14.5	15.3	0.8	30	1.03	107	166	540	
15.5	15.8	30	10166	15.3	18.0	2.7*	14	0.36	47	46	260	
15.8	18.0	25		• 0.7 m recovered								
18.0	21.0	10	10167	18.0	21.0	3.0*	18	0.78	97	42	161	
				• 0.3 m recovered								

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
21.0	35.7	RHYODACITE: Fine-grained, light grey, fairly siliceous unit. Very broken up to 28.7 m. Good sericite observed on cleavage planes. Occasional 5 - 10 cm sections which are very siliceous. α = 55°	21.0	22.6	65	10168	21.0	21.8	0.8*	88	5.00	109	128	144	
							* 0.5 m recovered								
						10169	21.8	22.6	0.8*	26	2.50	35	90	290	
							* 0.5 m recovered								
		31.1 - 31.4: Broken core and gouge at 55°	22.6	23.2	60	10170	22.6	23.6	1.0*	12	4.40	55	210	390	
		31.7 - 31.9: " "	23.2	23.8	65		* 0.6 m recovered								
			23.8	24.1	65	10171	23.6	24.1	0.5	26	13.9	114	500	520	
		Moderate quartz ± carbonate veining throughout, but especially within the more siliceous areas which are more brittle and tend to fracture.	24.1	25.6	20	10172	24.1	25.6	1.5*	14	6.70	41	220	560	
							* 0.3 m recovered								
			25.6	26.2	50	10173	25.6	26.2	0.6*	4	0.80	7	56	89	
							* 0.3 m recovered								
		21.0 - 22.6: 5 - 7% pyrite as disseminations and contorted or remobilized beds and veins.	26.2	27.1	35	10174	26.2	28.1	1.9*	10	0.89	13	73	118	
			27.1	28.7	15		* 0.4 m recovered								
						10175	28.1	28.7	0.6	82	1.82	320	330	2900	
		28.7 - 30.0: 5% pyrite as disseminations and wispy veins. Often course-grained. This section has been silicified.	28.7	30.2	100	10176	28.7	29.4	0.7	28	3.20	290	290	1920	
						10177	29.4	30.0	0.6	34	1.85	157	68	87	
			30.2	31.4	90	10178	30.0	31.0	1.0	42	1.72	310	104	670	
			31.4	32.3	80	10179	31.0	32.0	1.0	34	0.95	164	31	125	
			32.3	36.3	90	10180	32.0	33.0	1.0	10	0.61	104	17	41	
						10181	33.0	34.0	1.0	32	1.84	350	19	34	
35.7	48.7	SILICIFIED ZONE: Originally a dacite (?) but now strongly silicified. Very little of the original texture left, although some angular clasts are present. Relatively minor quartz - carbonate veining, often with pyrite, until 45.4 m where it becomes more common. The intensity of silicification decreases somewhat after 50.0 m, although it is still more than 90% silicified. α = 55°				10182	34.0	35.0	1.0	22	1.95	250	18	27	
						10183	35.0	35.7	0.7	30	3.20	370	24	36	
			36.3	37.5	100	10184	35.7	36.7	1.0	92	8.10	330	30	29	
						10185	36.7	37.7	1.0	46	3.20	260	24	33	
			37.5	39.3	100	10186	37.7	38.7	1.0	34	4.10	570	27	310	
						10187	38.7	39.7	1.0	12	1.18	124	22	50	
			39.3	42.4	95	10188	39.7	40.7	1.0	6	0.85	172	31	151	
						10189	40.7	41.7	1.0	10	0.88	152	30	95	
		35.7 - 41.7: 5% pyrite as coarse disseminations (2 mm^2) and finer grained patches, usually associated with quartz.				10190	41.7	42.7	1.0	4	0.73	187	24	182	
			42.4	44.9	100	10191	42.7	43.7	1.0	6	4.30	76	102	640	
						10192	43.7	44.7	1.0	12	2.30	460	93	1160	
		41.7 - 48.9: 2% pyrite, as above.	44.9	45.4	65	10193	44.7	45.7	1.0	56	2.10	124	50	66	
			45.4	46.0	100	10194	45.7	46.7	1.0	4	0.91	59	36	57	
			46.0	47.9	90	10195	46.7	47.7	1.0	6	1.47	184	32	52	
			47.9	48.5	85	10196	47.7	48.7	1.0	8	1.33	193	24	29	

FROM: m	TO: m	DESCRIPTION
48.7	74.1	DACITE: Very fine grained to fine grained. Occasional bleached and silicified zones. Minor fragments observed, generally of dacitic composition. α = 45°. Minor cross-cutting quartz-carbonate veins throughout. 2% pyrite as fine to coarse disseminations and as fine-grained patches. 62.2 - 62.7: Minor shear zone at 45°. Core is mainly broken, with 5 cm of clay-filled fractures at 62.7 m. 71.7 - 71.9: Minor fault or shear with moderate clay development on fracture surfaces. 71.9 - 74.1: Approximately 20% intermixed (not bedded) fine-grained quartz sandstone. Lower contact of dacite is at 35°.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
48.5	51.4	100	10197	48.7	49.7	1.0	28	2.60	160	33	54	
			10198	49.7	50.7	1.0	12	1.65	51	26	35	
			10199	50.7	51.7	1.0	10	1.35	102	26	74	
51.4	52.4	100	10200	51.7	52.7	1.0	4	0.84	90	14	36	
52.4	53.3	100	10201	52.7	53.7	1.0	4	0.99	50	21	67	
53.3	54.6	85	10202	53.7	54.7	1.0	14	4.20	43	108	550	
			10203	54.7	55.7	1.0	6	0.84	146	26	270	
			10204	55.7	56.7	1.0	12	1.64	107	70	670	
54.6	57.6	100	10205	56.7	57.7	1.0	16	3.50	93	169	540	
			10206	57.7	58.7	1.0	12	1.78	123	51	138	
			10207	58.7	59.7	1.0	18	1.23	94	37	131	
57.6	60.7	95	10208	59.7	60.7	1.0	22	1.22	340	27	181	
			10209	60.7	61.7	1.0	56	1.43	310	61	610	
60.7	62.5	100	10210	61.7	62.7	1.0	28	2.10	194	97	550	
62.5	63.7	95	10211	62.7	63.7	1.0	32	3.50	280	154	370	
			10212	63.7	64.7	1.0	36	1.95	200	108	1640	
			10213	64.7	65.7	1.0	70	3.20	73	500	3100	
63.7	66.7	100	10214	65.7	66.7	1.0	50	1.78	164	320	1620	
			10215	66.7	67.7	1.0	60	0.53	90	31	1120	
66.7	68.6	100	10216	67.7	68.7	1.0	10	0.69	98	28	360	
68.6	69.8	95	10217	68.7	69.7	1.0	4	0.63	30	17	151	
			10218	69.7	70.7	1.0	8	0.75	79	14	230	
69.8	71.9	95	10219	70.7	71.7	1.0	24	3.40	500	14	250	
71.9	72.8	80	10220	71.7	72.7	1.0	22	2.30	480	18	460	
72.8	73.2	75	10221	72.7	73.4	0.7	22	3.20	880	17	2400	
73.2	75.6	100	10222	73.4	74.1	0.7	14	1.41	198	16	184	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
74.1	84.0	FINE-GRAINED WACKE OR FELSIC VOLCANICLASTIC. Brown to purple-brown in colour. Unsorted, with 1% 1 - 2 mm subrounded quartz or feldspar grains set in a finer grained matrix. Often has 10 - 20 cm zones of silicification, usually associated with quartz ± chlorite ± pyrite veinlets with accompanying bleaching. Two wider zones occur between 74.1 - 76.6 m, and 80.3 - 81.7 m.	75.6	75.9	70	10223	74.1	75.1	1.0	10	1.80	480	20	260	
			75.9	76.2	90	10224	75.1	76.1	1.0	38	1.49	420	18	230	
			76.2	78.9	90	10225	76.1	76.6	0.5	2	0.40	48	9	153	
						10226	76.6	77.6	1.0	2	0.56	55	14	270	
						10227	77.6	78.6	1.0	8	0.48	53	22	94	
			78.9	80.3	100	10228	78.6	79.6	1.0	6	0.54	47	31	380	
						10229	79.6	80.3	0.7	6	0.65	58	28	370	
		Chlorite is a minor constituent throughout, occurring as tiny veinlets usually, but not always, with quartz. Minor sericite is present along the margins of quartz veins.	80.3	82.0	95	10230	80.3	81.0	0.7	2	0.50	27	20	310	
						10231	81.0	81.7	0.7	8	0.66	16	31	93	
						10232	81.7	82.7	1.0	14	0.74	47	62	340	
			82.0	85.0	100	10233	82.7	84.0	1.3	10	0.22	36	34	165	
		⩽1% pyrite as disseminations and within quartz veins.													
		83.5 - 84.0: Minor fault. Core is broken with slickenside on the fractures, but recovery seems good.													
84.0	99.1	DACITIC (?) TUFF: Relatively hard, brownish-grey unit. Generally fine grained with occasional lapilli-sized fragments of very fine grained rhyolite (?). Usually contains phenocrysts (?) of a dark grey, hard mineral. Occasionally can see hexagonal forms, up to 0.5 cm in diameter. The internal texture is very granular. These may be simply an alteration product, as elsewhere (92.0 m) they are beginning to form from the outside and the internal lithology is similar to the groundmass.	85.0	88.1	95	10234	84.0	85.0	1.0	26	1.20	79	30	63	
						10235	85.0	86.0	1.0	20	0.78	31	28	76	
						10236	86.0	87.0	1.0	18	1.26	20	51	91	
						10237	87.0	88.0	1.0	28	1.07	47	56	74	
			88.1	91.1	95	10238	88.0	89.0	1.0	72	1.54	154	81	290	
		1 - 3% quartz ± carbonate (± sericite) veins and veinlets throughout, increasing in density after 91.1 m.													
						10239	89.0	90.0	1.0	36	0.85	143	36	310	
		α = 25 - 40°													

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		89.6 m: Trace sphalerite (?) within 1 cm quartz vein.	91.1	94.2	100	10240	90.0	91.0	1.0	18	0.54	30	24	76	
						10241	91.0	92.0	1.0	30	0.21	15	10	41	
		93.1 - 94.8: Weak to moderate silicification. 3- 5% pyrite throughout as disseminations and associated with				10242	92.0	93.1	1.1	46	0.10	14	7	29	
						10243	93.1	94.0	0.9	134	0.35	190	8	43	
		quartz veins.	94.2	95.7	100	10244	94.0	94.8	0.8	138	0.25	160	9	65	
						10245	94.8	95.8	1.0	172	0.21	158	16	81	
		97.1 - 98.2: Minor, high-angle fault zone (10^{o}) with gouge,	95.7	97.2	100	10246	95.8	96.5	0.7	60	0.07	33	11	49	
		breccia and well-broken core.				10247	96.5	97.2	0.7	86	0.07	58	12	38	
			97.2	98.2	60	10248	97.2	98.2	1.0*	76	0.10	36	23	60	
							* 0.6 m recovered								
			98.2	99.1	95	10249	98.2	99.1	0.9	64	0.09	16	10	75	
						10250	99.1	99.9	0.8	48	0.12	25	12	67	
99.1	139.3	DACITE/RHYODACITE TUFF: Very fine to fine grained, light to medium	99.1	100.3	100	10251	99.9	100.9	1.0	52	0.12	24	8	38	
		grey. 25% beds of very fine-grained rhyolite/rhyodacite,				10252	100.9	101.9	1.0	80	0.11	44	6	35	
		occasionally broken up. Also present are minor amounts of	100.3	102.4	100	10253	101.9	102.9	1.0	132	0.13	79	7	39	
		subrounded clasts of the same.	102.4	103.3	90	10254	102.9	104.1	1.2	90	0.09	53	6	34	
		$\alpha = 50^{o}$	103.3	104.3	100	10255	104.1	105.1	1.0	124	0.16	103	9	39	
			104.3	106.4	95	10256	105.1	106.1	1.0	164	0.18	113	11	46	
		Dacitic unit is medium grey in colour, with occasional darker grey	106.4	107.0	70	10257	106.1	107.1	1.0	278	0.38	430	9	34	
		clasts.				10258	107.1	107.7	0.6	62	0.15	76	5	21	
						A10259	107.7	108.7	1.0	100	0.32	136	4	15	
		Moderate carbonate veining throughout as 1 - 5 mm concordant	107.0	109.4	95	B10259	108.7	109.7	1.0	90	0.22	96	4	15	
		veinlets.				10260	109.7	110.7	1.0	64	0.20	80	2	14	
						10261	110.7	111.7	1.0	82	0.29	106	1	18	
		Relatively strong quartz ($\pm$ chlorite) veining throughout.	109.4	112.5	95	10262	111.7	112.7	1.0	74	0.28	102	4	21	
						10263	112.7	113.7	1.0	124	0.38	91	5	20	
		Silicification has occurred to some extent throughout the section,				10264	113.7	114.2	1.0	66	0.14	280	3	20	
		but is strongest between 99.9 - 104.1 m and 107.7 - 115.4 m.	112.5	115.5	100	10265	114.2	115.4	0.7	266	0.41	81	2	16	
						10266	115.4	116.1	0.7	290	0.58	290	5	16	
		3% pyrite as disseminations and wispy veins.				10267	116.1	116.8	0.7	234	0.51	400	3	19	
						10268	116.8	117.8	1.0	198	0.80	370	3	21	
		Possible fault zone at 106.9 - 107.1 m.	115.6	118.6	95	10269	117.8	119.0	1.2	322	0.51	600	12	33	

FROM: m	TO: m	DESCRIPTION
		116.8-119.0: Strong silicification.
		[(117.3 m: 5 cm quartz vein at 50° with pyrrhotite, pyrite and sphalerite(trace)]
		118.6-118.7: Mafic dyke at 25° - very dark, fine-grained unit with agglomerated phenocrysts of feldspar and amphibole. Moderately magnetic. Diabase?? ≤0.5 cm chill margins.
		120.4-133.0: Silicification - mainly pervasive but good veining with some brecciation from 122.5 - 124.8 m. 1% pyrite, mainly as veinlets associated with quartz.
		135.3-135.6: Quartz vein at 5° with ≤1% pyrite and sphalerite.
		136.2-136.9: Fault breccia, almost annealed, at 15°.
		138.5 : 10 cm quartz vein with ≤ 1% sphalerite, ≤ 1% pyrite.
		139.0-139.3: Minor shearing and clay at 10°.
		139.3 m: END OF HOLE

FROM: m	TO: m	RECOVERY %
118.6	121.6	100
121.6	124.7	100
124.7	127.7	100
127.7	130.8	100
130.8	131.7	90
131.7	133.8	100
133.8	136.9	95
136.9	139.3	85

SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
10270	119.0	119.7	0.7	510	0.57	360	8	21	
10271	119.7	120.4	0.7	162	0.34	360	7	18	
10272	120.4	121.5	1.1	34	0.30	149	8	20	
10273	121.5	122.5	1.0	4	0.01	20	3	83	
10274	122.5	123.5	1.0	44	0.50	116	18	42	
10275	123.5	124.5	1.0	30	0.30	48	12	28	
10276	124.5	125.5	1.0	70	0.54	118	22	40	
10277	125.5	126.5	1.0	82	0.55	129	12	26	
10278	126.5	127.5	1.0	102	0.36	74	3	19	
10279	127.5	128.5	1.0	106	0.40	71	7	23	
10280	128.5	129.5	1.0	138	0.46	79	6	37	
10281	129.5	130.5	1.0	74	0.42	79	3	25	
10282	130.5	131.5	1.0	104	0.88	174	5	26	
10283	131.5	132.5	1.0	54	0.72	93	25	110	
10284	132.5	133.0	0.5	148	4.50	124	860	340	
10285	133.0	134.0	1.0	66	0.40	71	41	53	
10286	134.0	135.0	1.0	86	0.71	85	26	87	
10287	135.0	136.2	1.2	86	1.47	430	66	430	
10288	136.2	136.9	0.7	226	5.60	1300	95	570	
10289	136.9	137.9	1.0	262	4.60	810	42	163	
10290	137.9	138.6	0.7*	22	0.39	18	30	37	
10291	138.6	139.3	0.7*	34	0.80	20	58	780	

* 90% recovery

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-03 | CORE SIZE: BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 44+35N
DEPARTURE . . . . . 14+00E
ELEVATION . . . . . .213.5 m

DATE STARTED. . .August 1, 1987
DATE COMPLETED. .August 2, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 037
INCLINATION. . . . . .-45
FINAL. . . . . .No Test
DEPTH. . . . . .152.1 m

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
0.0	3.0	CASING													
3.0	25.9	DACITE TUFF & LAPILLI TUFF: Medium grey, fine to medium grained. Massive to banded, with bands at 65°. Several carbonate veins which appear remobilized.	3.0	5.2	70	10292	3.0	4.0	1.0	12	0.50	90	28	87	
						10293	4.0	5.0	1.0	38	1.31	80	60	76	
			5.2	5.8	95	10294	5.0	6.0	1.0	12	0.90	91	38	82	
		3% disseminated pyrite to 6.0 m; the rest has <1%.	5.8	8.8	100	10295	6.0	7.0	1.0	30	0.77	144	36	96	
		Several concordant and discordant quartz (± chlorite) veins.				10296	7.0	8.0	1.0	192	3.00	260	94	370	
		Lapilli fragments are uncommon. They generally occur together in certain beds 2 - 10 cm wide, rather than being scattered about.													
		8.0 - 8.3: Coarsely crystalline limestone, the first 10 cm of which contain 25% pyrite as beds or wispy veins, and <1% sphalerite.				10297	8.0	8.5	0.5	70	0.96	70	72	91	
		8.3 - 8.5: Minor quartz, but strong sericite (?); with 1% pyrite, <1% chalcocite (?), and possibly sphalerite.	8.8	11.9	95	10298	8.5	9.5	1.0	20	0.58	106	17	121	
						10299	9.5	10.5	1.0	14	0.94	168	8	133	
						10300	10.5	11.5	1.0	22	1.22	380	7	101	
		11.0 - 11.1: 20% disseminated pyrite with associated chlorite.	11.9	12.2	70	10301	11.5	12.5	1.0	14	0.52	120	7	73	
						10302	12.5	13.5	1.0	12	0.57	49	15	107	
		12.9 - 13.0: 20% pyrite.	12.2	13.9	100	10303	13.5	14.5	1.0	22	0.87	9	19	71	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		15.6 - 16.2: Silicified zone with $\leq$ 2% pyrite.	13.9	18.0	75	10304	14.5	15.6	1.1	6	0.28	17	5	77	
						10305	15.6	16.2	0.6	38	0.60	12	11	31	
		18.6 - 19.3: Moderate carbonate and quartz veining, with strong pyrite associated with the latter. Core angles often change dramatically from 50 - 60° to 5 - 15°, suggesting folding is occurring.	18.0	19.5	95	10306	16.2	17.2	1.0	6	0.32	13	5	50	
						10307	17.2	18.0	0.8	14	0.15	8	3	64	
						10308	18.0	18.6	0.6	36	0.20	6	3	126	
						10309	18.6	19.3	0.7	34	0.29	18	10	260	
			19.5	21.0	100	10310	19.3	20.3	1.0	14	0.19	7	3	62	
		Lower contact is at 50°.	21.0	21.6	100	10311	20.3	21.3	1.0	8	0.13	9	2	56	
			21.6	23.2	100	10312	21.3	22.3	1.0	6	0.12	5	3	128	
			23.2	24.1	100	10313	22.3	23.3	1.0	4	0.15	4	7	71	
						10314	23.3	24.3	1.0	6	0.27	8	9	135	
			24.1	24.7	100	10315	24.3	25.3	1.0	12	0.42	15	11	55	
			24.7	25.9	100	10316	25.3	26.3	1.0	8	1.05	24	32	640	
25.9	33.2	RHYOLITE: Very fine-grained siliceous unit, very hard and generally quite brittle. Very occasional rhyolite fragments.	25.9	27.1	65	10317	26.3	27.3	1.0	4	0.20	7	4	138	
			27.1	28.7	95	10318	27.3	28.3	1.0	8	0.11	5	3	38	
		Generally, many pseudomorphs of calcite after feldspar (?). The crystal shapes are often rounded and very nebulous, and virtually always contain very tiny pyrite crystals. Quite possible these forms are a result of strong, pervasive carbonate alteration.	28.7	29.6	90	10319	29.3	29.3	1.0	4	0.18	10	3	144	
			29.6	30.2	100	10320	29.3	30.3	1.0	4	0.15	6	5	34	
		Approximately 1% very fine-grained pyrite, disseminated throughout.	30.2	30.8	100	10321	30.3	31.3	1.0	6	0.18	5	2	25	
						10322	31.3	32.3	1.0	6	0.20	5	2	38	
		29.4 m: 10 cm quartz vein with coarse pyrite and hematite staining.	30.8	33.2	100	10323	32.3	33.2	0.9	8	0.24	10	6	39	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
33.2	39.9	RHYOLITE, as above, except for strong silicification and often bleaching. The calcite pseudomorphs have been replaced by magnetite and the entire section is moderately magnetic.	33.2	35.4	100	10324	33.2	34.2	1.0	8	0.23	6	3	22	
						10325	34.2	35.2	1.0	4	0.25	7	8	27	
			35.4	36.3	90	10326	35.2	36.2	1.0	4	0.37	87	3	40	
						10327	36.2	37.2	1.0	2	0.28	25	9	50	
		37.8 - 39.9: is very strongly silicified, with good quartz veining with accompanying bleaching. 1 - 2% pyrite in this zone, mainly as tiny veinlets, but also as 1 cm^2 blebs. Minor sericite and chlorite in very tiny veinlets.	36.3	39.3	100	10328	37.2	37.8	0.6	4	0.28	18	11	51	
						10329	37.8	38.8	1.0	56	3.00	500	118	580	
						10330	38.8	39.9	1.1	36	1.95	250	113	380	
39.9	42.7	VOLCANICLASTIC/WACKE: Medium-grained, dark grey, relatively soft unit. Very minor quartz veining. 3% disseminated pyrite throughout. Core angles at 65°.	39.3	42.4	95	10331	39.9	40.6	0.7	60	1.48	410	56	870	
						10332	40.6	41.3	0.7	16	1.62	340	47	162	
						10333	41.3	42.0	0.7	44	1.75	420	45	600	
						10334	42.0	42.7	0.7	92	2.90	470	68	640	
42.7	43.9	DIORITE (?): Very fine-grained, melanocratic dyke. Moderately magnetic. Contains 5% phenocrysts, up to 1 cm across, of feldspar and small needles of amphibole, often intergrown with the feldspar. The upper contact is at 60°, the lower at 70°.	42.4	45.4	100	10335	42.7	43.9	1.2	2	0.02	21	3	93	
43.9	47.2	ANDESITE/DACITE TUFF: Fine grained, medium grey, relatively soft, weakly magnetic. $<$ 1% pyrite. Minor quartz + pyrite veining. Occasional chlorite + sericite $\pm$ pyrite veinlets.	45.4	46.3	100	10336	43.9	44.9	1.0	34	1.19	290	52	290	
						10337	44.9	46.0	1.1	36	1.18	550	41	191	
			46.3	46.9	100	10338	46.0	46.4	0.4	36	1.33	102	117	350	
			46.9	48.5	85	10339	46.4	47.3	0.9	28	1.10	94	84	300	
		46.0 - 46.4: Quartz - carbonate vein with 1% pyrite.													
						10340	47.3	48.3	1.0	20	0.55	11	16	68	
47.2	55.7	DACITE TUFF: Fine to medium grained, with occasional coarse grained fragments. Slightly more siliceous than the preceding unit. Minor to moderate quartz + carbonate ($\pm$ chlorite) veining throughout. $\leq$ 1% pyrite, except 47.2 - 50.9 m where pyrite is 3%.	48.5	51.4	100	10341	48.3	49.3	1.0	38	0.54	11	18	101	
						10342	49.3	50.3	1.0	114	0.31	70	10	72	
			51.4	53.4	100	10343	50.3	50.9	0.6	142	0.35	63	10	62	
						10344	50.9	51.9	1.0	94	0.21	38	8	64	
			53.4	54.6	100	10345	51.9	52.5	0.6	28	0.24	21	9	77	
		53.2 - 53.7: Quartz - carbonate (+ pyrite + chlorite $\pm$sphalerite) vein. Core is very broken between 53.7 - 54.6.				10346	52.5	53.2	0.7	34	0.40	25	23	500	
			54.6	57.3	90	10347	53.2	53.7	0.5	84	0.32	103	43	1340	
						10348	53.7	54.7	1.0	92	0.25	57	8	108	
						10349	54.7	55.7	1.0	46	0.43	73	14	112	

FROM: m	TO: m	DESCRIPTION
55.7	59.9	SEDIMENT: Fine-grained to very fine-grained wacke to mudstone. Some volcaniclastic component, in fact it may be gradational from the upper unit. Generally < 1% pyrite although certain small sections contain up to 5%. Moderate quartz + chlorite veining and minor carbonate veining throughout.
59.9	87.0	DACITE TUFF: Light to medium grey/green and grey/brown, fine to medium grained. Moderately good quartz - carbonate veining and veinlets usually with chlorite and pyrite and often with a halo of pyrite surrounding them. 1 - 2% pyrite throughout, with better sections such as: 68.4 - 69.3: 10% pyrite as wispy and coherent beds (core angle = 15°) 70.0 - 71.9: 7% pyrite as disseminations, wispy beds and vein envelopes (core angle = 35°). 69.9 - 70.0: Quartz calcite vein. 73.8 m: 5 cm quartz-carbonate vein with strong chlorite, minor sericite and 1% pyrite and pyrrhotite. 74.3 m: 5 cm quartz-carbonate vein, as above. Lower contact at 40°.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
57.3	57.6	100	10350	55.7	56.7	1.0	22	0.33	31	10	142	
57.6	59.1	85	10351	56.7	57.7	1.0	46	0.65	119	16	94	
			10352	57.7	58.7	1.0	42	1.04	114	42	290	
59.1	59.7	95	10353	58.7	59.9	1.2	70	1.95	500	54	430	
59.7	60.7	100	10354	59.9	60.9	1.0	18	1.76	189	85	280	
60.7	61.6	100	10355	60.9	61.9	1.0	46	0.93	198	44	340	
			10356	61.9	62.9	1.0	12	0.48	54	18	88	
61.6	63.7	100	10357	62.9	63.9	1.0	44	0.34	75	12	64	
63.7	64.9	100	10358	63.9	64.9	1.0	18	0.41	132	13	81	
64.9	66.7	80	10359	64.9	65.9	1.0	74	0.97	260	27	60	
			10360	65.9	66.9	1.0	108	1.32	400	16	99	
66.7	67.4	60	10361	66.9	67.9	1.0	42	0.36	89	13	85	
67.4	68.3	100	10362	67.9	68.4	0.5	38	0.32	102	11	73	
68.3	69.5	100	10363	68.4	69.3	0.9	92	0.64	270	24	115	
69.5	71.0	100	10364	69.3	70.0	1.0	54	0.79	182	22	114	
71.0	72.5	90	10365	70.0	71.0	1.0	210	0.97	460	22	112	
			10366	71.0	71.9	0.9	94	1.19	430	20	97	
72.8	73.8	100	10367	72.9	73.9	1.0	16	0.29	62	10	84	
			10368	73.9	74.9	1.0	26	0.74	129	7	171	
73.8	75.9	85	10369	74.9	75.9	1.0	47	1.13	207	25	248	
			10370	75.9	76.9	1.0	26	0.92	130	84	510	
			10371	76.9	77.9	1.0	10	0.59	164	17	128	
75.9	78.9	100	10372	77.9	78.9	1.0	16	0.46	183	15	122	
			10373	78.9	79.9	1.0	8	0.33	105	11	132	
			10374	79.9	80.9	1.0	16	0.29	83	12	154	
78.9	82.0	95	10375	80.9	81.9	1.0	24	0.17	47	10	160	
			10376	81.9	82.9	1.0	48	0.13	29	12	75	
			10377	82.9	83.9	1.0	58	0.15	5	9	70	
82.0	85.0	100	10378	83.9	84.9	1.0	62	0.25	29	15	96	
			10379	84.9	85.9	1.0	14	0.16	29	7	188	
85.0	87.5	95	10380	85.9	87.0	1.1	6	0.17	42	8	124	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
87.0	97.2	DACITE LAPILLI TUFF: Fine to medium grained dacite tuff with occasional 1 - 2 cm fragments of a slightly lighter coloured dacite. In general, the tuff appears to be marginally more silicic than the above unit.	87.5	88.1	100	10381	87.0	88.0	1.0	12	0.15	43	10	93	
						10382	88.0	89.0	1.0	22	0.14	43	12	101	
						10383	89.0	90.0	1.0	6	0.22	49	13	97	
			88.1	91.1	100	10384	90.0	91.0	1.0	14	0.40	148	14	300	
						10385	91.0	92.0	1.0	8	0.29	132	13	300	
		Very occasional rhyodacite beds. Moderately strong quartz-carbonate veining, usually with chlorite and often with sericite.				10386	92.0	93.0	1.0	12	0.34	181	10	179	
			91.1	94.2	100	10387	93.0	94.0	1.0	14	0.18	84	10	114	
						10388	94.0	95.0	1.0	10	0.51	110	12	192	
		Trace to 0.5% pyrite - usually as veins (± quartz), but also as widespread disseminations.				10389	95.0	96.0	1.0	8	0.26	60	7	154	
			94.2	97.2	100	10390	96.0	97.2	1.2	18	0.63	127	37	172	
97.2	125.1	SILICIFIED DACITE TUFF: 75% of the section has been strongly silicified, mainly as pervasive quartz flooding, but also as quartz (± carbonate) veins. The latter generally have minor sericite selvages and occasionally chlorite is associated with them.	97.2	100.3	100	10391	97.2	98.2	1.0	68	0.70	67	62	148	
						10392	98.2	99.2	1.0	18	0.39	66	39	148	
						10393	99.2	100.2	1.0	32	0.34	111	33	260	
			100.3	101.2	100	10394	100.2	101.2	1.0	32	0.62	160	53	490	
						10395	101.2	102.2	1.0	12	0.42	121	39	280	
		The core angles of the tuff are 55°, while quite often the silica is cross-cutting the bedding at angles between 5° and 10°.	101.2	103.3	100	10396	102.2	103.2	1.0	22	0.29	86	27	240	
						10397	103.2	104.2	1.0	104	0.53	170	31	550	
						10398	104.2	105.2	1.0	22	0.24	104	38	310	
		Pyrrhotite is the most common sulphide with an overall concentration of ≤1%, but with higher concentrations (≤5%) in areas of intense silicification. Pyrite and sphalerite occur in trace amounts, generally within quartz veins, except at 120.5 m where there is a 1 - 2 cm sphalerite + quartz vein at 30°. In addition, pyrite increases to 40% of the sulphide present between 122.0 and 125.1.	103.3	106.4	100	10399	105.2	106.2	1.0	24	0.32	95	10	310	
						10400	106.2	107.2	1.0	20	0.43	161	7	184	
						10401	107.2	108.2	1.0	16	0.51	105	36	114	
			106.4	109.4	100	10402	108.2	109.2	1.0	64	0.92	131	56	290	
			109.4	110.9	100	10403	109.2	110.2	1.0	86	0.64	102	48	410	
			110.9	111.9	100	10404	110.2	111.2	1.0	60	0.80	74	53	590	
			111.9	112.5	100	10405	111.2	112.2	1.0	92	2.40	169	300	6200	
						10406	112.2	113.2	1.0	46	0.20	60	25	380	
		111.9 m: 3 - 4 cm quartz + arsenopyrite (?) vein at 30°. Sulphide is fine grained, metallic, dark grey, non-magnetic, slate-grey streak. Possibly bismuth telluride.	112.5	114.6	100	10407	113.2	114.2	1.0	58	0.40	96	12	380	
			114.6	115.5	100	10408	114.2	115.2	1.0	50	0.25	43	13	176	
						10409	115.2	116.2	1.0	56	0.48	146	15	172	
			115.5	117.0	100	10410	116.2	117.2	1.0	442	0.91	147	38	2000	
			117.0	118.6	100	10411	117.2	118.2	1.0	126	3.20	145	91	1070	
			118.6	119.3	100	10412	118.2	119.2	1.0	132	1.27	220	39	166	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		Generally good biotite and minor muscovite disseminated throughout, as well as moderate sericite associated with quartz veins.	119.3	121.1	85	10413	119.2	120.2	-1.0	82	0.83	138	47	280	
						10414	120.2	121.2	1.0	352	3.70	350	450	26000	
						10415	121.2	122.2	1.0	202	2.20	300	72	1250	
						10416	122.2	123.2	1.0	108	1.90	290	55	340	
			121.1	124.1	85	10417	123.2	124.2	1.0	92	1.90	340	96	480	
			124.1	124.7	100	10418	124.2	125.1	0.9	36	1.25	100	15	123	
			124.7	127.4	100	10419	125.1	126.1	1.0	42	1.18	31	12	103	
						10420	126.1	127.1	1.0	106	0.84	159	13	380	
125.1	139.9	DACITE LAPILLI TUFF: Medium to dark grey, fine to medium grained. Occasional to moderate lapilli sized fragments of dacite.	127.4	127.7	85	10421	127.1	128.1	1.0	76	0.79	47	22	280	
						10422	128.1	129.1	1.0	10	0.24	26	2	180	
			127.7	130.8	100	10423	129.1	130.1	1.0	4	0.46	27	3	380	
		Core α = 45°. Moderate quartz + carbonate veining with minor				10424	130.1	131.1	1.0	38	1.02	42	2	340	
		sphalerite at 136.5, 137.4 and 138.3 m. Minor chlorite associated	130.8	132.3	100	10425	131.1	132.1	1.0	44	0.60	77	3	270	
		with the quartz-carbonate veins and on fractures.	132.3	133.8	100	10426	132.1	133.1	1.0	24	0.87	23	8	195	
			133.8	134.1	85	10427	133.1	134.1	1.0	92	2.10	43	18	470	
		Weak silicification occurs over several 10 cm widths. Pyrite is				10428	134.1	135.1	1.0	18	0.29	26	2	570	
		present in trace amounts.	134.1	136.9	100	10429	135.1	136.1	1.0	46	3.60	56	154	420	
						10430	136.1	137.1	1.0	68	5.40	40	106	1010	
						10431	137.1	138.1	1.0	58	4.20	76	118	3000	
						10432	138.1	139.1	1.0	48	3.90	42	250	2400	
			136.9	139.9	100	10433	139.1	139.9	0.8	12	1.11	30	21	153	
139.9	152.1	SILICIFIED DACITE LAPILLI TUFF: Fine to medium-grained, dark grey				10434	139.9	140.9	1.0	32	1.30	104	98	400	
		tuff with 10% lapilli fragments. Weak to moderate heterogeneous				10435	140.9	141.9	1.0	72	3.90	420	1810	14500	
		silicification. Good quartz-carbonate veining throughout, commonly	139.9	143.0	100	10436	141.9	142.9	1.0	64	1.24	168	24	270	
		with sphalerite to 148.9 m, specifically at 141.2, 146.1, 146.8,				10437	142.9	143.9	1.0	8	0.42	67	13	240	
		147.2 and 148.9 m.				10438	143.9	144.9	1.0	50	0.93	162	21	330	
			143.0	146.0	100	10439	144.9	145.9	1.0	84	1.48	175	40	970	
		Minor chlorite and 1 - 2% pyrite throughout. Weak fault or shear				10440	145.9	146.9	1.0	92	2.70	350	28	10600	
		from 149.0 to 152.1 m.				10441	146.9	147.9	1.0	46	4.40	800	67	10900	
			146.0	149.0	100	10442	147.9	148.9	1.0	14	0.98	92	22	7700	
						10443	148.9	149.9	1.0	12	0.35	59	4	350	
						10444	149.9	150.9	1.0	74	0.70	114	6	420	
			149.0	152.0	100	10445	150.9	152.1	1.2	84	1.77	72	24	2700	
		152.1 m: END OF HOLE													

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-04 | CORE SIZE: BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 44+35N
DEPARTURE . . . . . 14+00E
ELEVATION . . . . . .213.5 m

DATE STARTED. . .August 2, 1987
DATE COMPLETED. .August 4, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 090
INCLINATION. . . . . .-45
FINAL. . . . . .No Test
DEPTH. . . . . .121.6 m

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
0.0	4.6	CASING													
4.6	21.3	DACITE TUFF: Fine to medium-grained, medium grey unit. 5% 2 mm^2 feldspar crystals to 7.5 m. Generally good biotite ($\leq$5%) resulting in a strong foliation. Core angles are steep, ranging from 30° at 6 m to 10° at 16.4 m.	4.6	5.8	75	10446	4.6	5.6	1.0	68	5.00	520	186	112	
			5.8	8.8	100	10447	5.6	6.6	1.0	98	4.50	160	320	165	
						10448	6.6	7.3	0.7	88	6.30	620	310	5600	
						10449	7.3	8.3	1.0	40	2.20	151	84	2800	
			8.8	11.9	100	10450	8.3	9.3	1.0	26	1.27	420	6	70	
		Quartz and quartz + carbonate veins are common after 13.0 m; occasionally with associated biotite and minor chlorite.				10451	9.3	10.3	1.0	22	0.61	72	16	74	
						10452	10.3	11.5	1.2	30	1.57	197	27	65	
		1% pyrite throughout with stronger sections at:	11.9	14.9	100	10453	11.5	12.5	1.0	24	1.03	75	21	72	
						10454	12.5	13.5	1.0	26	1.42	147	27	83	
		07.3 - 11.5: 7-10% pyrite as coarse disseminations and wispy beds.				10455	13.5	14.5	1.0	40	5.00	290	96	260	
		17.2 - 19.3: 5-15% pyrite, as above, with trace arsenopyrite and magnetite													
		14.8 m: Trace sphalerite in a 2 cm wide quartz vein.	14.9	18.0	95	10456	14.5	15.5	1.0	128	12.5	103	440	1340	
						10457	15.5	16.5	1.0	34	2.20	128	86	155	
		18.0 - 21.0: Several open folds or flexures. Also minor rhyodacite as $\leq$10 cm beds.				10458	16.5	17.2	0.7	86	2.00	77	176	1590	
						10459	17.2	18.2	1.0	68	1.11	104	48	71	
			18.0	20.4	100	10460	18.2	19.3	1.1	116	1.46	280	39	69	
						10461	19.3	20.3	1.0	18	0.40	85	4	77	
			20.4	21.0	90	10462	20.3	21.3	1.0	44	0.78	290	6	44	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
21.3	27.2	INTERBEDDED DACITE TUFF AND WACKE: Former is as above. Latter is medium-grained, grey-green coloured, probable volcanic-derived clastic. Good foliation as the result of 5% biotite.	21.0	22.6	90	10463	21.3	22.3	1.0	42	1.00	330	15	50	
			22.6	24.1	100	10464	22.3	23.3	1.0	58	1.20	205	16	89	
			24.1	24.7	90	10465	23.3	24.3	1.0	46	1.18	310	7	140	
			24.7	25.6	100	10466	24.3	25.3	1.0	66	1.37	390	14	250	
		Core angle norm is 45°, but some folding is evident. Very minor quartz veining with associated sericite.	25.6	26.0	100	10467	25.3	26.3	1.0	20	0.31	42	2	57	
			26.0	26.8	100	10468	26.3	27.2	0.9	8	0.19	7	1	70	
		1-5% pyrite as disseminations, usually within the wacke.													
27.2	28.0	WACKE: Medium grained, minor quartz veining; < 1% pyrite.	26.8	28.3	100	10469	27.2	28.0	0.8	18	0.24	6	10	98	
28.0	28.3	DIORITE: Very fine-grained, black, magnetic sill with 0.5 cm^2 feldspar/amphibole intergrowths.				10470	28.0	28.3	0.3	2	0.02	19	1	90	
28.3	34.4	WACKE: Medium to coarse-grained. Occasional 2-3 cm rhyodacite bed.	28.3	30.2	100	10471	28.3	29.3	1.0	92	1.90	82	72	194	
			30.2	30.8	95	10472	29.3	30.3	1.0	124	4.30	72	230	550	
		10 cm diorite sills at 29.0 and 30.1 m. Core is fairly broken with chlorite on the fracture surfaces.	30.8	32.0	85	10473	30.3	31.3	1.0	50	2.90	17	158	110	
			32.0	32.9	100	10474	31.3	32.3	1.0	12	0.54	22	25	112	
		Moderate quartz + carbonate veining and pervasive carbonate alteration.	32.9	35.1	100	10475	32.3	33.3	1.0	10	0.96	5	96	270	
						10476	33.3	34.4	1.1	32	2.00	16	195	470	
34.4	41.3	INTERBEDDED WACKE, MAFIC LAPILLI TUFF AND RHYOLITE: Latter is very subordinate. Wacke is as above, but slightly darker grey. The mafic lapilli tuff is fine to medium grained with occasional 1 cm x 2 cm, subangular clasts of rhyolite. Core angle = 50°.	35.1	35.7	100	10477	34.4	35.4	1.0	48	1.05	22	70	120	
						10478	35.4	36.4	1.0	30	1.56	103	91	680	
			35.7	37.5	90	10479	36.4	37.4	1.0	12	0.96	77	67	200	
			37.5	37.8	100										
		Moderate quartz-carbonate veining and pervasive carbonate alteration.	37.8	38.1	100	10480	37.4	38.4	1.0	48	2.50	144	192	1180	
		Pyrite: 1-2% as fine to coarse disseminations, preferentially distributed within certain beds.													

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		5% biotite within wacke beds, resulting in a moderate foliation.	38.1	39.0	100	10481	38.4	39.4	1.0	438	6.80	96	480	4500	
			39.0	40.2	85	10482	39.4	40.4	1.0	42	1.11	87	123	2500	
		Sphalerite: 0.5% disseminated in quartz-carbonate veins at	40.2	40.5	100										
		38.3 - 38.7 (vein at 5° to core axis) and	40.5	41.1	100	10483	40.4	41.3	0.9	22	1.00	60	84	1180	
		40.1 - 40.3 (vein at 5°)	41.1	41.5	100										
41.3	58.5	SILICIFIED DACITE TUFF: Fine to medium-grained dacite tuff with	41.5	42.4	95	10484	41.3	42.3	1.0	22	2.30	159	172	380	
		minor interbedded wacke. Often sections with 1-2% feldspar	42.4	42.7	100	10485	42.3	43.3	1.0	6	1.28	165	67	280	
		crystals. This unit exhibits strong pervasive silica alteration,	42.7	43.3	90										
		usually with the loss of most, if not all, of the original texture.	43.3	43.9	90	10486	43.3	44.3	1.0	16	0.79	134	34	260	
		Possibly some feldspar alteration as well.	43.9	44.5	100										
			44.5	45.4	100	10487	44.3	45.3	1.0	68	3.80	400	122	250	
		Comparatively minor quartz or quartz-carbonate veining or	45.4	46.0	100	10488	45.3	46.3	1.0	30	0.51	91	31	176	
		alteration. Minor sericite as thin veinlets.	46.0	47.2	50	10489	46.3	47.3	1.0	56	1.27	290	78	290	
			47.2	47.9	100	10490	47.3	48.3	1.0	48	1.02	180	80	600	
		Trace of very fine-grained pyrite until 51.7 m.	47.9	49.4	100	10491	48.3	49.3	1.0	46	1.43	240	74	640	
			49.4	50.6	100	10492	49.3	50.3	1.0	60	2.00	16	83	121	
		51.7 - 52.3: 1% pyrite and $\leq$7% pyrrhotite as wispy to coarse	50.6	51.4	90	10493	50.3	51.0	0.7	28	1.70	59	46	161	
		disseminations.				10494	51.0	51.7	0.7	46	2.20	380	34	350	
						10495	51.7	52.5	0.8	64	2.90	93	156	240	
		54.5 - 58.5: $\leq$3% fine disseminated pyrite.				10496	52.5	53.5	1.0	126	0.85	13	8	114	
			51.4	54.6	100	10497	53.5	54.5	1.0	76	0.45	6	2	69	
						10498	54.5	55.5	1.0	82	0.50	16	4	135	
			54.6	56.4	95	10499	55.5	56.5	1.0	46	0.28	20	5	121	
			56.4	59.4	100	10500	56.5	57.5	1.0	32	0.31	14	4	94	
						10501	57.5	58.5	1.0	16	0.24	28	2	63	
58.5	71.2	DACITE TUFF (SILICA & CARBONATE ALTERATION): Dacite tuff, as	59.4	60.7	100	10502	58.5	59.9	0.5	18	0.43	111	2	67	
		above, but silica alteration is not as intense, and weak to				10503	59.9	60.0	1.0	14	0.44	108	3	70	
		moderate carbonate alteration has occurred both as a pervasive				10504	60.0	61.0	1.0	30	0.40	95	2	77	
		event and as carbonate and quartz-carbonate veining. Possibly the	60.7	62.8	90	10505	61.0	62.0	1.0	18	0.19	24	5	72	
		silicification is as strong, but it has been overprinted by the				10506	62.0	63.0	1.0	22	0.43	112	2	101	
		carbonate and appears weaker. Pyrite occurs with the most intense	62.8	63.7	85	10507	63.0	64.0	1.0	16	0.44	64	4	49	
		carbonate alteration.													

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		Core angle 70°.	63.7	66.7	100	10508	64.0	65.0	1.0	30	0.93	57	15	73	
						10509	65.0	66.0	1.0	22	1.56	32	33	168	
		Overall, pyrite (± pyrrhotite) constitutes ≪1%. Chlorite is				10510	66.0	67.0	1.0	24	1.37	41	75	126	
		generally present on fracture surfaces and minor biotite occurs in	66.7	69.8	95	10511	67.0	68.0	1.0	6	0.30	29	17	125	
		selected areas. Moderate quartz (± carbonate) veining throughout.				10512	68.0	69.0	1.0	14	2.20	27	100	300	
			69.8	70.4	85	10513	69.0	70.0	1.0	22	0.61	30	21	146	
			70.4	71.9	100	10514	70.0	71.2	1.0	14	0.27	22	8	78	
71.2	91.7	DACITE TUFF: Fine grained to medium grained, with occasional	71.90	72.8	100	10515	71.2	72.2	1.0	30	0.30	31	3	91	
		lapilli fragments. Core angle = 50°.				10516	72.2	73.2	1.0	94	1.47	9	4	38	
						10517	73.2	74.2	1.0	42	0.40	33	4	43	
		Moderate pervasive carbonate alteration throughout, with generally				10518	74.2	75.2	1.0	60	0.48	84	7	63	
		moderate, tiny carbonate veinlets.	72.8	75.9	100	10519	75.2	75.8	0.6	22	0.63	77	12	114	
						10520	75.8	76.3	0.5	2	0.10	8	1	147	
		Quartz ± feldspar alteration occurs mainly as distinct, but narrow				10521	76.3	77.0	0.7	26	0.33	20	5	137	
		(10 cm or less), zones within this section, with wider zones from	75.9	78.0	100	10522	77.0	77.7	0.7	36	0.10	18	1	188	
		75.8 - 76.3 and 77.7 - 79.8.	78.0	78.9	90	10523	77.7	78.7	1.0	122	0.15	7	3	270	
			78.9	79.4	100	10524	78.7	79.8	1.1	22	0.08	5	1	105	
		Often good sericite as fracture coatings and very tiny veinlets.	79.4	80.2	100	10525	79.8	80.8	1.0	12	0.10	4	3	109	
			80.2	80.5	100	10526	80.8	81.8	1.0	132	1.64	390	51	340	
		80.5 - 80.9: Shear zone with broken core and semi-annealed gouge.	80.5	82.0	90	10527	81.8	82.8	1.0	24	0.63	184	6	470	
		Trace to 1% disseminated pyrite.				10528	82.8	83.8	1.0	48	0.45	59	7	390	
						10529	83.8	84.8	1.0	78	2.20	330	70	1000	
		82.4 m: Trace chalcopyrite with minor pyrrhotite.	82.0	85.0	100	10530	84.8	85.8	1.0	84	1.76	310	23	250	
						10531	85.8	86.8	1.0	86	1.42	310	13	197	
		83.2 m: Trace sphalerite in a small quartz vein.				10532	86.8	87.8	1.0	172	0.84	130	12	290	
			85.0	88.1	90	10533	87.8	88.8	1.0	96	1.34	320	20	230	
						10534	88.8	89.8	1.0	42	0.95	144	35	570	
			88.1	90.8	100	10535	89.8	90.8	1.0	94	1.57	280	22	510	
			90.8	91.1	100	10536	90.8	91.7	0.9	148	2.20	13	29	820	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
91.7	121.6	DACITE TUFF: Gradational from above unit. Same composition but much finer grained with stronger, pervasive carbonate alteration. Occasional lapilli or larger fragments.	91.1	94.2	100	10537	91.7	92.7	1.0	62	1.08	230	13	410	
						10538	92.7	93.7	1.0	34	0.70	87	10	370	
						10539	93.7	94.7	1.0	150	1.63	122	10	290	
						10540	94.7	95.7	1.0	8	0.29	28	1	189	
		Quartz and quartz + carbonate veins and fracture fillings are also more common.				10541	95.7	96.7	1.0	20	0.20	6	3	161	
			94.2	97.2	100	10542	96.7	97.7	1.0	12	0.23	11	2	155	
						10543	97.7	98.7	1.0	44	0.30	8	4	141	
		3-5% biotite throughout.				10544	98.7	99.7	1.0	30	0.57	12	7	360	
			97.2	100.3	95	10545	99.7	100.7	1.0	76	0.58	14	2	560	
		1% pyrite as coarse disseminations or as finer grained "beds".				10546	100.7	101.7	1.0	78	1.62	186	3	159	
						10547	101.7	102.7	1.0	62	0.60	10	12	120	
		93.2 m: 0.5 cm sphalerite + quartz (+ pyrite) vein at 30°.	100.3	103.3	100	10548	102.7	103.7	1.0	52	1.02	14	65	890	
						10549	103.7	104.7	1.0	228	5.20	19	60	260	
		Core angle of tuff is 50°.				10550	104.7	105.6	0.9	260	0.22	10	4	780	
			103.3	106.5	100	10551	105.6	106.6	1.0	158	0.28	7	5	290	
		Very little pervasive silicification.				10552	106.6	107.6	1.0	106	0.18	4	4	290	
						10553	107.6	108.6	1.0	54	0.39	15	1	370	
		101.7 m: Trace arsenopyrite	106.5	109.4	100	10554	108.6	109.6	1.0	68	0.42	17	3	153	
						10555	109.6	110.6	1.0	94	0.26	11	3	109	
		104.4 m: Fold nose or flexure with strong pyrrhotite.				10556	110.6	111.6	1.0	10	0.10	8	1	143	
			109.4	112.5	95	10557	111.6	112.6	1.0	14	0.11	7	1	128	
		105.6-105.7: Quartz veins and silicified zone with minor sphalerite along margins.				10558	112.6	113.6	1.0	12	0.14	8	2	300	
						10559	113.6	114.6	1.0	108	1.21	11	9	193	
			112.5	115.5	100	10560	114.6	115.6	1.0	272	2.60	111	26	79	
		107.1-107.2: As above				10561	115.6	116.6	1.0	60	1.02	106	17	88	
						10562	116.6	117.6	1.0	6	0.18	16	18	126	
		After 110.0 m, the unit becomes coarser grained with stronger biotite as in 71.2 - 91.7.	115.5	118.6	100	10563	117.6	118.6	1.0	188	2.60	560	34	330	
						10564	118.6	119.6	1.0	12	0.22	8	8	101	
						10565	119.6	120.6	1.0	336	0.17	11	5	46	
		Carbonate alteration diminishes below 116.0 m, while minor silicification persists.	118.6	121.6	100	10566	120.6	121.6	1.0	332	0.70	200	21	300	
		121.6 m: END OF HOLE													

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-05 | CORE SIZE: BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 45+50N
DEPARTURE . . . . . 14+12E
ELEVATION . . . . . .190.6 m

DATE STARTED. . .August 4, 1987
DATE COMPLETED. August 5, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 085
INCLINATION. . . . . .-45
FINAL. . . . . .No Test
DEPTH. . . . . .143.3 m

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
0.0	3.3	CASING													
3.3	8.8	DACITE TUFF: Fine-grained, light to medium grey, thin-banded unit, usually with 1 - 2 mm phenocrysts of light grey, granular, subhedral, non-calcareous, altered feldspar.	3.3	4.9	25	10567	3.3	4.9	1.6	12	0.68	300	7	77	
			4.9	5.5	75	10568	4.9	5.9	1.0	8	0.38	200	6	96	
			5.5	5.9	100										
			5.9	7.3	70	10569	5.9	7.3	1.4	96	0.89	180	21	610	
		1-3% pyrite with possible minor pyrrhotite or magnetite (i.e. some areas are magnetic).	7.3	7.9	100	10570	7.3	8.3	1.0	78	1.05	360	14	930	
			7.9	8.8	95	10571	8.3	8.8	0.5	8	0.61	260	5	104	
		The unit is quite broken and weathered but, except for poor recoveries, there is little evidence for faulting.													
8.8	32.8	ANDESITE FLOW: Dark grey-green, fine grained, with 1-2 mm phenocrysts as described above.	8.8	11.0	90	10572	8.8	9.8	1.0	12	0.32	133	2	118	
						10573	9.8	10.8	1.0	2	0.31	168	1	152	
						10574	10.8	11.8	1.0	4	0.20	110	1	194	
		Usually quite massive, with smaller sections displaying weak banding.				10575	11.8	12.8	1.0	6	0.15	96	1	85	
			11.0	13.7	90	10576	12.8	13.8	1.0	12	0.26	98	2	117	
			13.7	14.0	100	10577	13.8	14.8	1.0	6	0.22	70	2	280	
		Moderate magnetism (magnetite, not pyrrhotite).	14.0	14.9	100	10578	14.8	15.8	1.0	8	0.28	81	1	125	
		Moderate chlorite alteration.	14.9	16.6	95	10579	15.8	16.8	1.0	4	0.23	98	1	62	
			16.6	17.1	100	10580	16.8	17.8	1.0	2	0.34	149	1	81	
		8.8 - 20.0: Trace pyrite and little quartz or quartz-carbonate veining/alteration.	17.1	20.1	100	10581	17.8	18.8	1.0	2	0.39	138	1	100	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		20.0 - 32.8: Strong carbonate and quartz-carbonate veining and pervasive carbonate alteration.	20.1	22.9	100	*A10582	18.8	19.8	1.0	10	0.64	176	1	176	
						*B10582	19.8	20.8	1.0	8	0.81	310	2	147	
						*A10583	20.8	21.8	1.0	10	0.74	300	2	160	
		As well, the veins often contain good chlorite and pyrite, and possibly trace sphalerite.				*B10583	21.8	22.8	1.0	2	0.50	250	3	131	
			22.9	23.2	100	10586	22.8	23.8	1.0	2	0.37	128	2	114	
			23.2	26.2	95	10587	23.8	24.8	1.0	8	0.82	120	4	161	
						10588	24.8	25.8	1.0	4	0.71	188	2	139	
						10589	25.8	26.8	1.0	8	0.54	113	9	260	
			26.2	29.3	100	10590	26.8	27.8	1.0	12	0.52	96	6	183	
						10591	27.8	28.8	1.0	58	0.44	84	7	11800	
						10592	28.8	29.8	1.0	6	0.81	310	3	117	
			29.3	30.8	100	10593	29.8	30.8	1.0	36	0.95	79	7	1342	
			30.8	32.3	100	10594	30.8	31.8	1.0	16	0.66	40	5	270	
			32.3	32.9	100	10595	31.8	32.8	1.0	24	0.45	134	4	1310	
32.8	36.0	ANDESITE FLOW: Similar to above unit except harder, suggesting pervasive silicification. There is no increase in the amount of veining and the pervasive carbonate alteration carries through.	32.9	34.1	100	10596	32.8	33.8	1.0	10	1.02	94	8	158	
			34.1	35.4	100	10597	33.8	34.8	1.0	6	0.48	110	1	95	
			35.4	38.4	100	10598	34.8	36.0	1.2	8	0.56	111	2	96	
						10599	36.0	37.0	1.0	6	0.39	77	1	108	
36.0	143.3	ANDESITE FLOW: As 8.8 - 32.8. Pervasive carbonate alteration ends at 39.4 m, although the veining persists.	38.4	42.4	100	10600	37.0	38.0	1.0	4	0.38	65	2	137	
			42.4	44.5	100	10601	38.0	38.7	0.7	2	0.44	240	2	220	
			44.5	47.5	100	10602	38.7	39.4	0.7	6	0.51	240	18	165	
		41.8 - 44.4: Moderate pyrrhotite with subordinate pyrite and chalcopyrite, usually associated with quartz-chlorite veins. Also 2% magnetite as disseminated crystals (1 mm^2) and as magnetite-quartz veinlets.				10603	39.4	40.4	1.0	6	0.41	116	1	83	
						10604	40.4	41.1	0.7	6	0.60	141	2	110	
						10605	41.1	41.8	0.7	18	0.81	160	2	121	
						10606	41.8	42.8	1.0	26	1.46	760	11	340	
						10607	42.8	43.8	1.0	62	2.40	830	12	149	
		44.4 - 46.3: Strong pyrrhotite (5-7%) as disseminations, masses and veins associated with quartz-chlorite (±carbonate) veins.				10608	43.8	44.4	0.6	24	0.79	460	13	174	
						10609	44.4	45.4	1.0	22	1.13	840	11	200	
						10610	45.4	46.3	0.9	84	3.50	1570	14	280	

(*) These samples were misnumbered and their precise locations are unknown, other than they are between 18.8 and 22.8 m.

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
46.3	47.6	Very minor pyrrhotite and quartz + carbonate + chlorite veinlets.	47.5	50.6	100	10611	46.3	46.9	0.6	14	0.51	260	10	112	
						10612	46.9	47.6	0.7	14	0.63	360	13	124	
						10613	47.6	48.2	0.6	44	2.80	1460	13	127	
47.6	48.0	Moderate to strong silica and possible feldspar flooding with 2% pyrrhotite, 1% pyrite, and < 0.5% chalcopyrite. Little carbonate.				10614	48.2	48.8	0.6	12	0.50	320	9	118	
						10615	48.8	49.8	1.0	374	1.27	700	25	350	
						10616	49.8	50.8	1.0	56	0.85	350	17	99	
48.0	52.6	Minor pyrrhotite and trace pyrite as disseminations and small veinlets. Moderate magnetite and possibly leucoxene. Moderate, pervasive chlorite alteration. 1% altered feldspar.	50.6	53.6	100	10617	50.8	51.8	1.0	72	0.64	122	7	136	
						10618	51.8	52.6	0.8	64	0.61	102	12	161	
						10619	52.6	53.6	1.0	610	21.00	940	2000	3800	
						10620	53.6	54.6	1.0	184	0.76	490	11	129	
						10621	54.6	55.6	1.0	116	0.90	370	12	95	
52.6	63.2	Strong silicification, mainly as veins, often with accompanying brecciation of the andesite. Also as small veins with minor chlorite.	53.6	56.7	100	10622	55.6	56.7	1.1	316	0.77	380	10	116	
			56.7	59.7	100	10623	56.7	57.7	1.0	142	1.20	550	6	104	
						10624	57.7	58.7	1.0	186	3.30	2200	21	102	
						10625	58.7	59.7	1.0	62	0.63	270	23	117	
		Overall, there is 2% pyrrhotite, 1% pyrite and < 0.5% chalcopyrite, although the distribution is heterogeneous and some areas are much higher.	59.7	61.6	100	10626	59.7	60.7	1.0	30	0.43	164	12	94	
						10627	60.7	61.7	1.0	100	3.40	1870	18	191	
			61.6	62.8	100	10628	61.7	62.7	1.0	308	2.90	1280	19	124	
63.2	68.4	Strong silicification and carbonate alteration with less than 1% total sulphides, with pyrrhotite being predominant as wispy veins and blebs. Pyrite is present as small blebs associated with the pyrrhotite. Chalcopyrite occurs in very minor amounts with the other sulphides. Weak chlorite alteration throughout, with moderate to strong chlorite from 66.4 - 67.0.	62.8	65.8	100	10629	62.7	63.2	0.5	224	2.00	910	17	180	
						10630	63.2	64.2	1.0	262	1.31	410	21	116	
						10631	64.2	65.2	1.0	54	0.95	660	25	113	
			65.8	68.9	100	10632	65.2	66.2	1.0	108	2.60	1850	18	192	
						10633	66.2	67.2	1.0	308	1.85	270	40	131	
						10634	67.2	67.8	0.6	26	0.06	13	32	20	
						10635	67.8	68.4	0.6	64	0.28	96	26	360	
		The quartz-carbonate veining constitutes 40% of this section, with the strongest veining at 30°.													

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
	68.4 - 71.9:	Slightly coarser grained andesite with traces of pyrrhotite and pyrite associated with minor quartz (±carbonate) veins. These almost always have an envelope of chlorite surrounding them. The unit is still moderately magnetic.	68.9	69.5	100	10636	68.4	69.4	1.0	42	0.61	360	5	159	
			69.5	71.9	100	10637	69.4	70.4	1.0	80	0.77	390	14	240	
						10638	70.4	71.4	1.0	78	1.00	320	23	370	
						10639	71.4	71.9	0.5	108	2.60	1530	21	260	
						10640	71.9	72.9	1.0	488	2.20	1270	21	76	
	71.9 - 75.2:	Strong quartz-carbonate veining with a norm of +5% pyrrhotite (with trace pyrite and chalcopyrite) and stronger pyrrhotite as follows:	71.9	74.4	100	10641	72.9	73.9	1.0	162	1.66	820	17	46	
						10642	73.9	74.5	0.6	54	0.97	450	26	105	
			74.4	75.0	100	10643	74.5	75.2	0.7	20	1.74	390	31	69	
		72.2 - 72.5: 30% pyrrhotite with trace chalcopyrite veins.	75.0	75.2	100										
		74.8 - 75.2: 60% pyrrhotite with trace chalcopyrite.				10644	75.2	76.2	1.0	20	0.24	150	7	193	
						10645	76.2	77.2	1.0	68	0.74	440	10	290	
	75.2 - 84.8:	Weak quartz and quartz-carbonate veining. Less than 5%, with accompanying pyrrhotite and often chlorite.	75.2	78.0	100	10646	77.2	78.2	1.0	26	0.28	139	12	160	
						10647	78.2	79.2	1.0	32	0.44	260	9	182	
		Very little carbonate alteration within the matrix.	78.0	81.1	100	10648	79.2	80.2	1.0	22	0.33	175	9	290	
		Fine-grained, dark phase with minor diffuse altered feldspar. Strong magnetism and 3% disseminated magnetite to 75.9, then moderate magnetism to 84.8.				10649	80.2	81.2	1.0	106	0.69	370	11	250	
			81.1	84.1	100	10650	81.2	82.2	1.0	1020	0.65	430	9	300	
						10651	82.2	83.2	1.0	348	0.38	290	13	141	
						10652	83.2	84.2	1.0	142	0.24	240	9	86	
	84.8 - 87.7:	Strong quartz and possibly feldspar flooding with $\leq$2% pyrrhotite and trace pyrite. Moderate carbonate alteration throughout, both pervasively and as veinlets.	84.1	87.3	100	10653	84.2	84.8	0.6	86	0.17	143	11	113	
						10654	84.8	85.4	0.6	42	0.12	96	10	152	
						10655	85.4	86.4	1.0	416	0.53	66	45	111	
						10656	86.4	87.0	0.6	422	2.60	1460	36	131	
			87.3	87.8	100	10657	87.0	87.7	0.7	102	0.80	430	29	290	
	87.7 -103.5:	Weak to moderate silicification as distinct 10-20cm units. Silicification is distinguished by a slightly lighter colour and much harder core. Quartz-carbonate veins are common throughout and often have a 1-2 cm bleached and silicified envelope. Strong pervasive carbonate alteration and moderate chlorite alteration over entire zone.				10658	87.7	88.7	1.0	18	0.80	153	38	580	
			87.8	90.2	100	10659	88.7	89.7	1.0	8	0.75	140	67	240	
						10660	89.7	90.7	1.0	14	0.83	169	68	650	
			90.2	92.0	85	10661	90.7	91.7	1.0	10	0.77	170	60	1420	
						10662	91.7	92.7	1.0	6	0.62	162	60	1350	
			92.0	93.3	100	10663	92.7	93.7	1.0	10	0.16	124	51	1480	
			93.3	95.1	100	10664	93.7	94.7	1.0	22	0.60	69	38	1120	
			95.1	95.7	100	10665	94.7	95.7	1.0	100	0.32	88	11	680	

FROM: m	TO: m	DESCRIPTION
		Trace to 0.5% pyrrhotite, usually associated with veins.
		Altered feldspar or varioles from 93.0 m
103.5	113.1	Silicified zone. 30-40% quartz-carbonate flooding. The strongest zone has numerous breccia fragments indicating a forceful injection or flooding along a zone of earlier movement. The angle of injection/ shearing is 30° to core axis. Carbonate occurs only with quartz veins and pervasive alteration was not observed. Strong chlorite exists as patches associated with the quartz and throughout the andesite as well. The entire section is moderately to strongly magnetic and magnetite occurs as 1mm disseminations and within veins. Moderate to strong biotite occurs as patches, generally with the chlorite.
		Up to 3% pyrrhotite and pyrite occurs throughout, with Po:Py = 3:2. Trace chalcopyrite.
113.1	137.3	Relatively unaltered andesite flow. 1-2% quartz-carbonate veinlets with occasional pyrrhotite and pyrite. <1% altered feldspar phenocrysts. Minor chlorite, usually associated with the veins. Moderately magnetic throughout.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
95.7	96.0	100	10666	95.7	96.7	1.0	28	1.87	290	160	2000	
			10667	96.7	97.7	1.0	52	3.90	420	410	1150	
96.0	99.1	95	10668	97.7	98.7	1.0	34	1.29	300	108	610	
			10669	98.7	99.7	1.0	8	1.26	90	77	850	
			10670	99.7	100.7	1.0	12	1.64	290	80	1740	
99.1	102.1	100	10671	100.7	101.7	1.0	52	3.20	260	181	1730	
			10672	101.7	102.7	1.0	64	1.10	320	53	620	
102.1	103.9	100	10672	102.7	103.5	0.8	62	2.00	143	116	1040	
			10674	103.5	104.5	1.0	166	3.70	720	137	620	
103.9	105.5	100	10675	104.5	105.5	1.0	52	1.11	530	30	350	
			10676	105.5	106.5	1.0	66	1.42	410	42	300	
			10677	106.5	107.5	1.0	72	1.38	570	54	139	
105.5	108.5	100	10678	107.5	108.5	1.0	2520	15.80	790	470	1780	
			10679	108.5	109.5	1.0	5400	27.00	450	620	165	
			10680	109.5	110.5	1.0	346	2.10	1140	25	270	
108.5	111.6	100	10681	110.5	111.5	1.0	148	1.52	970	13	260	
			10682	111.5	112.5	1.0	218	0.87	470	9	470	
111.6	114.6	100	10683	112.5	113.1	0.6	68	0.95	550	15	189	
			10684	113.1	114.1	1.0	162	2.70	52	90	96	
114.6	117.7	100	10685	114.1	115.1	1.0	56	0.47	110	6	106	
			10686	115.1	116.1	1.0	72	1.19	60	38	55	
			10687	116.1	117.1	1.0	84	1.62	111	106	69	
			10688	117.1	118.1	1.0	84	2.30	131	104	88	
			10689	118.1	119.1	1.0	94	0.81	144	17	81	
117.7	120.7	100	10690	119.1	120.1	1.0	84	0.55	109	13	89	
120.7	121.3	100	10691	120.1	121.1	1.0	22	0.11	30	1	63	
			10692	121.1	122.1	1.0	26	0.28	104	2	130	
121.3	123.7	100	10693	122.1	123.1	1.0	50	0.61	188	10	610	
123.7	125.4	100	10694	123.1	124.1	1.0	84	0.90	500	24	300	
			10695	124.1	125.1	1.0	76	0.47	195	12	890	
125.4	126.8	100	10696	125.1	126.1	1.0	14	0.26	110	6	390	
			10697	126.1	127.1	1.0	78	0.72	280	5	350	
126.8	128.0	100	10698	127.1	128.1	1.0	44	0.34	88	4	420	
128.0	129.8	100	10699	128.1	130.1	1.0	192	0.83	105	16	1260	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
			129.8	132.3	100	10700	129.1	130.1	1.0	260	1.10	64	44	107	
						10701	130.1	131.1	1.0	94	0.45	95	8	116	
						10702	131.1	132.1	1.0	50	0.40	240	1	88	
			132.3	132.9	85	10703	132.1	133.1	1.0	42	0.37	178	3	85	
						10704	133.1	134.1	1.0	144	0.26	93	4	260	
			132.9	135.9	100	10705	134.1	135.1	1.0	140	0.25	112	3	1890	
			135.9	136.9	100	10706	135.1	136.1	1.0	38	0.17	76	2	80	
			136.9	137.0	100	10707	136.1	137.3	1.2	122	0.62	91	12	100	
137.3-138.5:		Moderate quartz and quartz-carbonate veining with minor chlorite and pyrrhotite/pyrite.	137.0	139.0	75	10708	137.3	138.5	1.2	26	0.11	42	12	133	
138.5-143.3:		Minor quartz ± carbonate veining. The andesite as a whole is very fine grained in this section. Minor chlorite and silicification associated with the quartz veining.	139.0	139.3	100	10709	138.5	139.5	1.0	6	0.06	47	7	94	
						10710	139.5	140.5	1.0	18	0.06	32	7	63	
						10711	140.5	141.5	1.0	92	0.36	50	16	330	
			139.3	142.0	90	10712	141.5	142.5	1.0	186	0.83	62	36	480	
			142.0	143.3	70	10713	142.5	143.3	0.8	68	0.44	65	11	390	
143.3 m:		END OF HOLE													

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-06 | CORE SIZE; BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 45+50N
DEPARTURE . . . . . 14+25E
ELEVATION . . . . . .190.6 m

DATE STARTED. . .August 5, 1987
DATE COMPLETED. .August 7, 1987
CONTRACTOR. . . . . FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 042
INCLINATION. . . . . .-45
FINAL. . . . . .-44
DEPTH. . . . . .143.3 m

FROM: m	TO: m	DESCRIPTION
0.0	4.6	CASING
4.6	92.5	ANDESITE FLOW: Fine-grained to medium grained, dark grey-green, moderately to very magnetic. Pervasive carbonate alteration varies from nil to very strong. Only minor quartz ± carbonate veins. Several 1-2 cm masses of magnetite within the first 9.0 metres, then only the occasional small crystal seen.
		9.1 m: 10 cm of rusty clay and fractured core.
		20.2 - 20.7: 80% quartz + carbonate vein with minor chlorite. No sulphides.
		20.7 - 31.5: Fine-grained to medium-grained andesite. Minor quartz + carbonate (± pyrrhotite). 1-2 cm pervasive carbonate envelopes surrounding the veins. Occasionally good chlorite proximal to the veins. Altered feldspar and moderately magnetic.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
4.6	5.2	75	10714	4.6	5.6	1.0	36	0.44	160	7	260	
5.2	5.8	80	10715	5.6	6.6	1.0	42	0.90	136	8	176	
5.8	7.9	85	10716	6.6	7.6	1.0	66	3.00	150	29	280	
			10717	7.6	8.6	1.0	6	0.84	198	7	260	
7.9	9.1	100	10718	8.6	9.1	0.5	8	0.61	171	4	260	
9.1	11.0	40	10719	9.1	11.0	1.9	8	0.88	320	3	370	
11.0	12.2	55	10720	11.0	12.0	1.0	32	0.67	270	6	580	
			10721	12.0	13.0	1.0	70	1.33	310	10	290	
12.2	14.0	80	10722	13.0	14.0	1.0	26	2.00	280	18	162	
			10723	14.0	15.0	1.0	12	1.95	200	27	230	
			10724	15.0	16.0	1.0	42	1.28	380	12	240	
14.0	17.1	100	10725	16.0	17.0	1.0	12	0.48	112	7	154	
17.1	18.3	100	10726	17.0	18.0	1.0	16	0.50	114	9	131	
18.3	19.2	100	10727	18.0	19.0	1.0	14	0.51	157	12	118	
			10728	19.0	20.2	1.2	10	0.46	180	10	320	
19.2	21.3	100										
			10729	20.2	20.7	0.5	8	0.26	23	28	71	
			10730	20.7	21.7	1.0	14	0.39	142	8	160	
21.3	24.4	100	10731	21.7	22.7	1.0	6	0.38	150	8	370	
			10732	22.7	23.7	1.0	14	0.64	108	11	330	
			10733	23.7	24.7	1.0	12	1.00	123	13	290	
24.4	25.9	100	10734	24.7	25.7	1.0	26	1.09	190	20	161	
			10735	25.7	26.7	1.0	26	1.45	390	40	330	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
			25.9	27.4	100	10736	26.7	27.7	1.0	10	1.03	410	26	470	
						10737	27.7	28.7	1.0	44	1.65	360	24	260	
						10738	28.7	29.7	1.0	42	1.53	430	14	157	
			27.4	30.5	100	10739	29.7	30.7	1.0	32	0.78	310	13	104	
	31.5 - 34.0:	Minor quartz veining subparallel to the core axis,				10740	30.7	31.5	0.8	94	2.40	650	72	520	
		with very strong chlorite alteration, as masses				10741	31.5	32.5	1.0	224	3.40	340	73	310	
		within the vein and as a pervasive alteration	30.5	33.5	90	10742	32.5	33.5	1.0	258	0.86	330	35	390	
		throughout the section. 1% pyrrhotite as				10743	33.5	34.0	0.5	188	1.05	390	27	166	
		disseminations and as veins, always associated with	33.5	35.1	75	10744	34.0	35.0	1.0	18	0.20	112	10	111	
		quartz and often with magnetite. Trace chalcopyrite.				10745	35.0	36.0	1.0	12	0.24	116	5	105	
			35.1	36.6	100	10746	36.0	37.0	1.0	12	0.25	72	3	120	
	34.0 - 40.9:	Fine-grained, only slightly magnetic, very good				10747	37.0	38.0	1.0	10	0.37	151	2	124	
		pervasive carbonate alteration, but minor carbonate				10748	38.0	39.0	1.0	8	0.38	111	5	107	
		and quartz-carbonate veining. Core angle: 35°.	36.6	39.6	45	10749	39.0	40.0	1.0	12	0.36	128	3	120	
		Trace pyrrhotite with the quartz veins.				10750	40.0	40.9	0.9	10	0.42	178	5	126	
			39.6	42.7	95										
	40.9 - 42.2:	Moderate to strong quartz + carbonate veining with				10751	40.9	41.5	0.6	18	0.62	121	13	330	
		accompanying breccia, indicating a forceful	42.7	43.6	100	10752	41.5	42.2	0.7	22	0.89	280	6	152	
		injection. Very minor pyrrhotite and minor magnetite													
		on the fracture surfaces.													
	42.2 - 45.7:	Fine-grained, dark grey, slightly magnetic. Minor				10753	42.2	43.2	1.0	14	0.46	200	4	169	
		quartz + carbonate veinlets with patchy pervasive	43.6	45.7	100	10754	43.2	44.2	1.0	54	1.22	310	6	164	
		alteration. Very minor pyrrhotite. Strong chlorite				10755	44.2	45.2	1.0	28	1.50	310	4	220	
		alteration as patches and as a pervasive				10756	45.2	45.7	0.5	16	1.38	310	5	128	
		chloritization (especially from 44.5 m) to the extent													
		of often overprinting the andesite.													
	45.7 - 52.6:	Very strong carbonate alteration - as an alteration	45.7	48.8	100	10757	45.7	46.7	1.0	8	0.23	53	2	46	
		of the groundmass including the feldspar phenocrysts				10758	46.7	47.7	1.0	4	0.21	40	10	74	
		and as strong carbonate and quartz-carbonate veining.				10759	47.7	48.7	1.0	2	0.09	27	10	113	
						10760	48.7	49.7	1.0	2	0.17	48	11	81	

FROM: m	TO: m	DESCRIPTION
		The veins often include angular fragments of andesite. Very strong chloritization. Often the rock is a dark brown-grey colour, probably due to minor bleaching and addition of biotite. Trace pyrrhotite.
52.6	61.2	Moderate carbonate alteration throughout the groundmass with only several quartz + carbonate ± chlorite veins. Trace pyrrhotite. Only slightly magnetic. Core is quite broken until 56.1 m.
62.1	66.9	Strong pervasive carbonate alteration as well as carbonate and quartz-carbonate veins. Very slight magnetism. Minor silicification and pyrrhotite/ pyrite from 64.8 - 65.2. Again, the core is brown-grey in colour, suggesting biotite addition.
66.9	88.9	Fine-grained andesite. Moderate carbonate and quartz-carbonate veining, but virtually no carbonate in the wall rock except for a 1 cm envelope around the veins. Moderate to strong chlorite alteration, often masking the texture. Minor pyrrhotite and trace chalcopyrite. Occasional sericite veinlets or fracture fillings.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
48.8	51.7	100	10761	49.7	50.7	1.0	2	0.08	28	7	124	
			10762	50.7	51.7	1.0	84	5.60	2500	13	162	
51.7	53.6	90	10763	51.7	52.6	0.9	8	1.20	430	6	144	
			10764	52.6	53.6	1.0	2	0.04	25	6	172	
53.6	54.6	90	10765	53.6	54.6	1.0	6	0.25	89	2	89	
			10766	54.6	55.6	1.0	94	2.60	590	7	198	
54.6	56.1	100	10767	55.6	56.6	1.0	14	0.17	76	8	172	
56.1	57.9	100	10768	56.6	57.6	1.0	42	0.05	79	7	112	
			10769	57.6	58.6	1.0	8	0.15	104	4	101	
57.9	59.7	100	10770	58.6	59.6	1.0	4	0.43	183	5	95	
			10771	59.6	60.6	1.0	6	0.17	96	8	114	
59.7	61.0	100	10772	60.6	61.2	0.6	8	0.32	120	12	148	
61.0	61.5	100	10773	61.2	62.2	1.0	56	1.33	470	17	150	
			10774	62.2	63.2	1.0	2	0.06	26	8	86	
61.5	64.0	100	10775	63.2	64.2	1.0	4	0.08	23	6	92	
64.0	65.5	100	10776	64.2	65.2	1.0	2	0.12	65	9	128	
			10777	65.2	66.0	0.8	6	0.16	60	6	129	
65.5	67.1	95	10778	66.0	66.9	0.9	6	0.13	42	5	87	
61.1	67.5	100	10779	66.9	67.9	1.0	2	0.50	153	5	140	
			10780	67.9	68.9	1.0	10	0.86	161	4	177	
67.5	70.1	100	10781	68.9	69.9	1.0	6	0.49	79	5	184	
			10782	69.9	70.9	1.0	4	0.76	190	6	151	
70.1	72.2	100	10783	70.9	71.9	1.0	6	0.71	330	6	137	
72.2	73.2	80	10784	71.9	72.9	1.0	2	0.03	18	5	111	
			10785	72.9	73.9	1.0	4	0.13	83	4	104	
73.2	74.9	100	10786	73.9	74.9	1.0	8	0.57	164	6	106	
			10787	74.9	75.9	1.0	4	0.53	122	6	96	
74.9	76.2	100	10788	75.9	76.9	1.0	8	0.71	193	6	82	
76.2	77.7	95	10789	76.9	77.9	1.0	8	0.65	260	7	101	
			10790	77.9	78.9	1.0	8	0.24	62	1	162	
77.7	79.2	100	10791	78.9	79.9	1.0	8	0.40	78	2	158	
			10792	79.9	80.9	1.0	4	1.01	111	2	330	
			10793	80.9	81.9	1.0	4	0.61	108	3	140	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
			79.2	82.3	100	10794	81.9	82.9	1.0	2	0.22	55	5	138	
						10795	82.9	83.9	1.0	2	0.05	23	5	99	
			82.3	85.2	100	10796	83.9	84.9	1.0	4	0.16	93	6	134	
						10797	84.9	85.9	1.0	2	0.78	179	4	118	
			85.2	87.3	100	10798	85.9	86.9	1.0	2	0.20	28	4	154	
			87.3	88.4	100	10799	86.9	87.9	1.0	6	1.49	137	6	280	
			88.4	89.0	100	10800	87.9	88.9	1.0	6	0.57	96	1	84	
		88.9 - 92.5: As above, except moderate to strong carbonate alteration within the wall rock. Relatively minor quartz ± carbonate veining.	89.0	89.9	100	10801	88.9	89.9	1.0	4	0.52	86	1	102	
			89.9	90.9	100	10802	89.9	90.9	1.0	4	0.61	84	1	127	
			90.9	91.4	90	10803	90.9	91.9	1.0	2	0.33	52	2	153	
			91.4	93.0	100	10804	91.9	92.5	0.6	6	0.41	98	3	370	
						10805	92.5	93.5	1.0	8	0.63	187	1	159	
92.5	102.5	INTERBEDDED MEDIUM-GRAINED MAFIC VOLCANICLASTIC AND FINE-GRAINED TUFF: The contact with the flow was not observed, however, the contacts between the volcanics are steep - 5 to 20°. Minor quartz and quartz-carbonate veining to 97.8, after which there is moderate veining. Pervasive carbonate alteration is prevalent from 92.5 m. Trace pyrrhotite.	93.0	94.5	85	10806	93.5	94.5	1.0	12	0.87	116	2	88	
			94.5	95.1	100	10807	94.5	95.5	1.0	6	0.62	70	2	250	
						10808	95.5	96.5	1.0	18	0.85	133	4	350	
			95.1	97.6	100	10809	96.5	97.5	1.0	4	0.21	38	3	143	
			97.6	97.8	100	10810	97.5	98.5	1.0	6	1.60	179	4	96	
						10811	98.5	99.5	1.0	36	1.55	172	7	100	
			97.8	100.6	100	10812	99.5	100.5	1.0	4	0.37	52	4	114	
			100.6	101.5	100	10813	100.5	101.5	1.0	2	0.13	7	1	78	
			101.5	102.2	100	10814	101.5	102.5	1.0	4	0.23	114	3	108	
102.5	115.0	TUFF: Very fine-grained, medium grey tuff. Possibly argillaceous in part. Very occasional feldspar crystals as well as slightly darker fragments.	102.2	102.9	100	10815	102.5	103.5	1.0	4	0.48	118	1	63	
			102.9	103.6	70	10816	103.5	104.5	1.0	6	0.87	183	1	94	
			103.6	104.4	100	10817	104.5	105.5	1.0	2	0.76	181	3	166	
			104.4	106.1	100	10818	105.5	106.5	1.0	4	1.20	144	10	310	
		Very variable carbonate content within the groundmass and poor to moderate quartz ± carbonate veining.	106.1	106.7	85	10819	106.5	107.5	1.0	12	3.70	280	38	178	
			106.7	107.3	100	10820	107.5	108.5	1.0	14	4.10	200	60	177	
			107.3	109.4	100	10821	108.5	109.5	1.0	12	2.80	250	15	149	
			109.4	109.7	100	10822	109.5	110.5	1.0	4	1.54	151	4	310	
						10823	110.5	111.5	1.0	8	1.20	188	3	177	
			109.7	112.8	100	10824	111.5	112.5	1.0	2	1.23	179	4	152	
			112.8	113.1	100	10825	112.5	113.5	1.0	6	0.98	173	3	93	
			113.1	114.0	100	10826	113.5	114.5	1.0	6	0.17	47	4	72	
		114.3 m: Trace sphalerite in a 1 cm quartz vein.	114.0	115.8	100	10827	114.5	115.0	0.5	2	0.66	146	3	82	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
115.0	143.3	VOLCANICLASTIC: Unsorted, medium-grained unit, with minor ($\leq$ 1.5 cm) interbeds of fine-grained tuff.	115.8	117.2	100	10828	115.0	116.0	1.0	4	0.61	220	3	81	
			117.2	118.9	95	10829	116.0	117.0	1.0	4	0.69	270	3	80	
			118.9	119.2	100	10830	117.0	118.0	1.0	2	0.33	101	6	70	
		Generally weak quartz $\pm$ carbonate veining, except at:	119.2	120.7	100	10831	118.0	119.0	1.0	2	0.45	147	4	66	
			120.7	121.6	100	10832	119.0	120.0	1.0	2	0.04	23	4	73	
		128.2-128.5: Carbonate (80) + quartz vein at 20°;	121.6	124.4	100	10833	120.0	121.0	1.0	4	0.27	95	3	90	
			124.4	127.1	100	10834	121.0	122.0	1.0	2	0.21	130	1	82	
		and	127.1	128.0	100	10835	122.0	123.0	1.0	4	0.63	200	6	101	
			128.0	130.1	100	10836	123.0	124.0	1.0	6	0.44	133	1	97	
		128.8-129.0: as above;	130.1	130.8	100	10837	124.0	125.0	1.0	2	0.21	51	4	100	
			130.8	131.7	100	10838	125.0	126.0	1.0	2	0.92	260	12	129	
		and	131.7	132.9	100	10839	126.0	127.0	1.0	4	0.83	200	14	130	
			132.9	133.2	85	10840	127.0	128.0	1.0	2	0.30	100	2	119	
		129.6-130.0: as above.	133.2	133.5	100	10841	128.0	129.0	1.0	2	0.14	72	21	63	
			133.5	135.9	100	10842	129.0	129.6	0.6	8	0.16	64	7	118	
		Strong carbonate within the matrix. Moderate to good chlorite throughout.	135.9	137.2	100	10843	129.6	130.6	0.6	4	0.04	15	11	77	
			137.2	138.4	100	10844	130.2	131.2	1.0	4	0.25	135	5	99	
			138.4	139.3	100	10845	131.2	132.2	1.0	2	0.36	133	3	73	
		Upper contact at 10°. Occasional lapilli-sized fragment of tuff within the volcaniclastic.	139.3	139.9	100	10846	132.2	133.2	1.0	14	0.92	390	1	76	
			139.9	140.5	85	10847	133.2	134.2	1.0	6	0.22	104	1	57	
			140.5	140.8	100	10848	134.2	135.2	1.0	14	0.63	220	1	55	
		Non-magnetic.	140.8	141.7	85	10849	135.2	136.2	1.0	10	0.40	148	2	56	
			141.7	142.6	100	10850	136.2	137.2	1.0	2	0.48	186	6	69	
			142.6	143.3	80	10851	137.2	138.2	1.0	4	0.41	129	2	59	
						10852	138.2	139.2	1.0	26	0.13	34	3	61	
						10853	139.2	140.2	1.0	2	0.17	49	5	93	
						10854	140.2	141.2	1.0	2	0.38	115	6	200	
						10855	141.2	142.2	1.0	4	0.26	117	8	170	
						10856	142.2	143.3	1.1	4	0.45	143	3	174	

143.3 m: END OF HOLE

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-07 | CORE SIZE: BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 41+70N
DEPARTURE . . . . . 14+75E
ELEVATION . . . . . .157.0 m

DATE STARTED. . .August 7, 1987
DATE COMPLETED. .August 8, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 079
INCLINATION. . . . . .-45
FINAL. . . . . .No Test
DEPTH. . . . . 45.7 m

FROM: m	TO: m	DESCRIPTION
0.0	5.2	CASING
5.2	17.0	RHYODACITE: Light grey, thin banded siliceous unit. Often has quartz and feldspar enrichment. Very minor carbonate alteration. Strong pyrite throughout, as disseminations, bands and masses (from 5-30%), but it is impossible to estimate widths due to the poor core recovery (e.g. from 0.0 - 17.0 m, there is only 4.0 m of core recovered). α of banding is 45°. α of major fractures (i.e. shear zone) is 15-20°. Obvious shear zone, with poor recovery, broken core and gouge; joint surfaces are usually rusty.
17.0	45.7	DEBRIS FLOW: Fine-grained to coarse-grained debris flow. No sorting, but well-bedded or layered. Core α = 45°. Larger fragments are subangular to sub-rounded. Moderate quartz veining, usually as 1-3 mm, discontinuous ± boudined ± stretched and broken veins. Obviously earlier than the last deformation. Larger (1-2 cm) veins containing sphalerite (as blebs and disseminations) occur at: 20.2 m, 22.4 m, 23.1 m, 25.4 m, 35.4 m, 38.4 m.

FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
5.2	8.2	10	10857	5.2	8.2	3.0*	10	0.50	29	16	47	
						*0.3 m recovered						
8.2	11.3	20	10858	8.2	11.3	3.1*	38	0.61	156	138	137	
						*0.6 m recovered						
11.3	12.8	10	10859	11.3	14.3	3.0*	24	0.93	110	109	340	
						*0.4 m recovered						
12.8	14.3	10	10860	14.3	15.2	0.9	112	1.82	59	10	21	
14.3	14.8	70	10861	15.2	15.7	0.5	22	2.10	195	11	28	
14.8	16.6	80	10862	15.7	16.6	0.9	62	3.00	116	46	36	
16.6	17.4	70	10863	16.6	17.0	0.4	68	2.70	103	93	940	
17.4	17.8	90	10864	17.0	17.8	0.8	130	5.20	230	520	2800	
17.8	18.6	90	10865	17.8	18.7	0.9	76	2.10	250	350	1430	
18.6	19.8	90	10866	18.7	19.4	0.7*	32	0.64	153	131	260	
						*0.5 m recovered						
			10867	19.4	20.2	0.8	120	3.10	680	880	2000	
19.8	22.6	90	10868	20.2	21.2	1.0	44	0.87	186	61	159	
			10869	21.2	22.2	1.0	48	2.10	370	118	133	
22.6	23.5	100	10870	22.2	23.3	1.0	42	2.40	350	390	1270	
23.5	26.5	100	10871	23.3	24.2	1.0	84	2.10	420	133	151	
			10872	24.2	25.2	1.0	54	1.75	290	340	310	

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
		5-10% pyrite occurs as disseminations and bands concordant with the bedding, associated with quartz veins, and as subangular to stretched-out blebs of pyrite/quartz randomly scattered throughout the section.	26.5	29.3	100	10873	25.2	26.2	1.0	122	3.20	360	1130	3400	
						10874	26.2	27.2	1.0	70	2.50	77	780	2700	
						10875	27.2	28.2	1.0	42	1.70	45	450	520	
						10876	28.2	29.2	1.0	56	3.30	79	1100	3000	
			29.3	32.0	95	10877	29.2	30.2	1.0	68	2.50	180	860	4900	
		Occasional beds of finer grained debris flow, but these are not distinct contacts.				10878	30.2	31.2	1.0	48	4.10	174	1330	3800	
						10879	31.2	32.2	1.0	50	4.40	330	1780	5500	
			32.0	33.2	100	10880	32.2	33.2	1.0	50	2.60	280	820	3400	
						10881	33.2	34.2	1.0	86	1.12	380	18	126	
						10882	34.2	35.2	1.0	26	0.45	109	11	96	
			33.2	35.9	100	10883	35.2	36.2	1.0	36	2.80	185	750	3300	
						10884	36.2	37.2	1.0	30	1.74	111	410	1030	
			35.9	38.1	100	10885	37.2	38.2	1.0	54	1.76	230	510	1840	
			38.1	39.6	100	10886	38.2	39.2	1.0	32	3.10	167	960	3400	
			39.6	40.0	90	10887	39.2	40.2	1.0	22	1.78	370	280	820	
			40.0	41.8	100	10888	40.2	41.2	1.0	30	2.30	400	190	540	
						10889	41.2	42.2	1.0	26	1.37	80	106	154	
			41.8	43.3	85	10890	42.2	43.0	0.8	32	1.62	126	162	780	
		43.0 - 45.7: The unit becomes bleached and moderately silicified. The core is well broken from 43.1 - 43.7 and has moderate clay and minor chlorite on the fracture surfaces. Shearing could be related to folding as the core angles quickly change to 5° at 45.0 m, before returning to 45° at 45.7 m.	43.3	44.2	100	10891	43.0	44.0	1.0	32	1.62	126	162	780	
						10892	44.0	45.0	1.0	42	1.43	54	73	62	
			44.2	45.7	100	10893	45.0	45.7	0.7	52	0.85	162	22	54	
		There has been virtually no carbonate alteration and only trace chlorite alteration within this section.													
		45.7 m: END OF HOLE													

DRILL HOLE RECORD:

TAIGA CONSULTANTS LTD.

PROPERTY ISKUT JOINT VENTURE | DDH: JV-87-08 | CORE SIZE: BQ |

LOCATION . . . . . .WEST GRID
LATITUDE . . . . . 41+70N
DEPARTURE . . . . . 14+75E
ELEVATION . . . . . .157.0 m

DATE STARTED. . .August 8, 1987
DATE COMPLETED. .August 9, 1987
CONTRACTOR. . . . . .FALCON
LOGGED BY . . . . . M.J. BURSON

AZIMUTH. 108
INCLINATION. . . . . .-55
FINAL. . . . . .No Test
DEPTH. . . . . 57.7 m

FROM: m	TO: m	DESCRIPTION	FROM: m	TO: m	RECOVERY %	SAMPLE NUMBER	FROM: m	TO: m	LENGTH m	ANALYSIS Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Au g/t
0.0	4.6	CASING													
4.6	9.1	RHYODACITE: Light grey, fine to medium-grained siliceous unit. Thin-bedded, ∝ at 50°. The core is, in general, very broken and recoveries are poor.	4.6	5.2	50	10894	4.6	5.2	0.6	20	0.30	56	5	46	
			5.2	7.0	55	10895	5.2	7.0	1.8	8	0.39	17	5	42	
			7.0	7.9	50	10896	7.0	7.9	0.9	2	0.18	9	9	49	
			7.9	9.1	25	10897	7.9	9.1	1.2	122	0.29	47	11	66	
		2% pyrite, generally associated with quartz veins, but often as banded disseminations.													
9.1	57.7	DEBRIS FLOW: Light to dark grey, medium to coarse-grained debris flow of volcanic composition. Occasional 1 cm or less subrounded clasts. Very slightly carbonate altered.	9.1	11.3	20	10898	9.1	11.9	2.8	56	0.67	152	32	153	
			11.3	11.9	30										
		9.1 - 15.7: Very broken section with lots of gravel-sized core and very rusty clay or gouge. Very weathered. Generally 2-3% pyrite as disseminations, when not oxidized.	11.9	14.3	40	10899	11.9	14.3	2.4	18	0.29	100	39	122	
			14.3	17.4	90	10900	14.3	15.7	1.4	6	0.11	43	15	51	
		15.7 - 17.3: Very dark, pyrite-rich unit. 7-10% pyrite as bands and veins (+quartz) at 15°.				10901	15.7	16.5	0.8	100	2.10	640	80	420	
						10902	16.5	17.3	0.8	224	2.40	640	68	630	
		The unit is reddish-grey in colour, suggesting the presence of fine-grained sphalerite, although this colour could also be caused by hematite. Several weathered-out quartz + carbonate veins.													

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		This section is moderately broken, with very rusty fractures, occasionally with clay or gouge.													
	17.3 - 22.3:	Debris flow - fairly competent unit, with some broken core between 17.4 and 18.2 m.	17.4	18.0	20	10903	17.3	18.0	0.7	104	1.60	192	28	750	
			18.0	18.9	100	10904	18.0	18.9	0.9	36	1.09	80	16	360	
			18.9	20.4	90	10905	18.9	19.9	1.0	24	1.13	310	20	178	
		2-10% pyrite, generally as disseminations, but often				10906	19.9	20.9	1.0	42	1.35	153	19	194	
		as veins and large (1 cm) patches, especially in the	20.4	21.8	100	10907	20.9	21.6	0.7	28	0.48	77	18	106	
		higher concentrations.				10908	21.6	22.3	0.7	92	1.42	250	142	480	
			21.8	23.5	80	10909	22.3	22.9	0.6	658	7.40	390	1310	7100	
	22.3 - 22.9:	10 to 15% pyrite throughout this section which				10910	22.9	23.9	1.0	66	1.00	167	111	310	
		contains a contorted quartz vein with chlorite	23.5	25.0	85	10911	23.9	24.9	1.0	24	1.82	84	610	1330	
		selvages and several specks and blebs of sphalerite.				10912	24.9	25.9	1.0	40	3.60	42	1090	1900	
			25.0	26.2	100	10913	25.9	26.9	1.0	48	0.90	80	159	690	
	22.9 - 30.2:	As above, with 3-5% pyrite as disseminations and	26.2	27.1	100	10914	26.9	27.9	1.0	112	1.73	83	560	1940	
		wispy bands. Unit is often finer grained. Possible				10915	27.9	28.9	1.0	90	5.70	194	2600	4600	
		disseminated sphalerite at 28.4 m.	27.1	29.6	100	10916	28.9	29.6	0.7	48	3.40	115	1150	2300	
						10917	29.6	30.2	0.6	36	0.98	88	121	290	
	30.2 - 43.5:	Slightly to moderately silicified debris flow.	29.6	30.9	100	10918	30.2	31.2	1.0	40	1.05	171	108	1510	
		Moderate to strong quartz ± carbonate veining and				10919	31.2	32.2	1.0	24	0.66	110	52	183	
		possibly some feldspar introduction. Veins are	30.9	32.6	90	10920	32.2	33.2	1.0	44	1.89	151	420	610	
		usually discontinuous and often haphazard, and it is				10921	33.2	34.2	1.0	42	1.90	120	220	600	
		not uncommon to have bleached envelopes surrounding	32.6	35.7	100	10922	34.2	35.2	1.0	26	1.62	164	92	1360	
		them.				10923	35.2	36.2	1.0	50	2.80	164	1690	1270	
						10924	36.2	37.2	1.0	96	5.40	161	1510	3700	
		3-5% pyrite, usually as disseminations and	35.7	38.7	100	10925	37.2	38.2	1.0	56	1.29	148	280	560	
		0.5 - 2.0 cm rounded blebs, with quartz.	38.7	39.8	100	10926	38.2	39.2	1.0	56	1.82	420	320	1030	
			39.8	40.4	100	10927	39.2	40.2	1.0	54	2.00	470	143	1660	
		37.0 m: Wispy pyrite + quartz vein with minor	40.4	41.3	100	10928	40.2	41.2	1.0	46	2.10	188	420	1090	
		disseminated sphalerite.	41.3	41.8	90	10929	41.2	42.2	1.0	6	0.79	18	125	181	
						10930	42.2	42.9	0.7	52	4.30	168	1510	5500	
			41.8	44.8	95	10931	42.9	43.5	0.6	32	1.34	113	390	550	

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		43.5 - 57.7: Moderate to strong silicification, often completely masking the original texture when at its strongest. Occasional 1 cm - 4 cm rhyolite fragments, very fine-grained, siliceous with 1% feldspar phenocrysts. ≤1% pyrite to EOH.	44.8	45.4	95	10932	43.5	44.5	1.0	28	2.60	47	1090	2500	
						10933	44.5	45.5	1.0	10	0.76	21	85	74	
						10934	45.5	46.5	1.0	46	1.70	420	17	126	
			45.4	47.8	90	10935	46.5	47.5	1.0	10	0.60	80	45	93	
			47.8	48.3	85	10936	47.5	48.5	1.0	212	5.70	290	680	1780	
			48.3	49.1	60	10937	48.5	49.5	1.0	64	1.70	510	47	260	
		From 39.5 m, the core is generally well broken with the intensity increasing from 47.8 - 53.0 m.				10938	49.5	50.5	1.0	24	0.61	80	37	184	
			49.1	50.8	80	10939	50.5	51.5	1.0	26	0.94	56	71	430	
		Moderate clay and gouge on fracture surfaces and good gouge/clay from 52.6 - 53.0 m. Shearing at 60°.	50.8	52.3	90	10940	51.5	52.5	1.0	18	0.70	16	45	99	
			52.3	52.8	40	10941	52.5	53.5	1.0	62	1.65	103	60	240	
			52.8	53.9	100	10942	53.5	54.5	1.0	58	1.72	139	78	310	
			53.9	55.2	90	10943	54.5	55.5	1.0	56	1.08	120	410	2800	
			55.2	57.0	100	10944	55.5	56.5	1.0	28	0.29	126	49	720	
			57.0	57.7	75	10945	56.5	57.7	1.2	6	0.42	102	20	440	

57.7 m: END OF HOLE