

indicated the sediment filled valley. The weaker magnetic anomaly on line 4+00E as compared with lines to the east indicate the wedge of sulfides is also pinching out. It is likely that hole TS-2 penetrated below the sulfide shoot if one exists. A hole testing the conductor on line 16+00E where the magnetic anomaly is the strongest would be most interesting, however the state has no mineral ownership in that area. As yet the potential of this area has not been fully tested.

LOG OF DRILL HOLE TS-2
by B. Frey

0'-4'	ICE
4'-10'	WATER
10'-19'	GYTTJA - no samples
19'-137'	OVERBURDEN - no samples
137'-140'	OVERBURDEN, cobbles and minor gravel recovered. Most cobbles are Duluth Complex coarse and medium-grained troctolite with 3-8% oxides (moderately magnetic). Sizes range to 36 cm. The few pebbles of other rock types include microgabbro, granophyre, reddish basalt, medium-grained granodiorite, and Virginia Formation.
140'-779'	VIRGINIA or THOMPSON FORMATION
140'-525'	LOCALLY SPOTTED (PORPHYROBLASTIC), INTERLAMINATED-INTERBEDDED GREYISH BLACK TO MEDIUM GREY (DRY COLORS), HORNFELSED, GRAPHITIC, SULFIDE-BEARING SILICEOUS META-SILTSTONE with local light yellow brown sideritic and dark grey calcareous intervals. Unit also contains locally developed foliation, brecciation, gouge, fold closures, cone-in-cone structure, and fracturing-veins with minor calcite, chlorite, quartz, serpentine(?) sulfides. Foliation is poorly developed, but a good flattening (foliation) is associated with breccias, and measures approximately 35° to core axis. Bedding is variable, measuring 0-70° to core axis, but is typically 20-35°. Core badly broken, to brecciated, with local gouge. Gouge and breccia intervals are located approximately 143'-144', 147.5'-148', 152.8'-153', 171.5'-171.6', 201.8'-201.9', 205.9'-206.0, 210'-211, 248'-248.5', 254.5'-254.6', and 280'-282'. Some may be partially from glacial movement(?). Healed breccia (and brecciated fold) intervals are 212.5'-214', 235'-236', 237.1'-237.4', 241.5'-243.5', 244.5'-246', 266'-268', 275'-286', 495.7'-495.9'. Some of this healed breccia is associated with shears while others appear to be related to disrupted fold closures or more brittle layers associated with flowage along bedding planes. More highly broken-fractured areas typically surround the

breccia and gouge zones. Broken intervals include 140'-158', highly broken; 158'-172', scattered; 172'-196', locally moderately broken; 196'-220.5', locally highly broken; 220.5'-238'; 238'-247.8', moderately broken; 247.8'-250'; 253.5'-255', highly broken; 255'-273.5', locally moderately broken; 273.5'-288', highly broken; 288'-480', locally moderately broken with less fractures with depth in general; 480'-495', moderately broken; 495'-499', highly broken; 499'-525', locally moderately broken.

Fracture surfaces may have one or more of the following minerals forming hairline veins: pale green pyrophyllite-talc-clay minerals-serpentine(?), pyrite, marcasite(?), pyrrhotite, pale carbonates (calcite, dolomite?, siderite), quartz.

Sulfides also occur as fine, stratiform disseminations and scattered, usually hairline, laminae. The sulfide appears to be a mixture of marcasite-pyrite with pyrrhotite, with marcasite-pyrite decreasing and pyrrhotite increasing with depth. Thicker laminated marcasite-pyrite knots occur at 163.9'-164.1' and 185.7'-185.9' (both are about 1 cm and may be the same bed). The last domain of the pyrite with depth appears to be within the hairline fractures. Below about 480', pyrrhotite is largely the sulfide in these.

The core appears to be slightly magnetic throughout, probably due to very fine disseminated pyrrhotite which is more common in the darker layers. Very fine fragments of (especially the darker) core layers are very magnetic, and as a rule, the darkness (and magnetism?) of these layers increases with depth; however, the % of darker sediment decreases with depth from 70% in upper part of interval to 20% near base. Rock shows local fine-grained, spotted, porphyroblastic growth (carbonate??, chlorite??).

Several dark grey, calcareous (marble) intervals occur at 332.3'-337.8', 360'-362', 389.6'-391.1', 456.1'-457.6', and 523'-523.7'. These have been thoroughly recrystallized and typically cross-cut bedding with local segregation-porphyroblastic growth of calcite to several mm. Cone-in-cone structure tends to be developed toward margins of these intervals. Some material may be igneous(?).

Adjacent to or between the calcareous marble units, the rock is more sideritic.

More sideritic(?), light-medium, yellow brown intervals (beds) are scattered and include 316'-317'; 331'-332'; 354.5'-365' scattered; 473'-480'; and 493'-499'. Sideritic "influxes" appear relatively gradational. These units appear to be slightly more brittle and fractured than adjacent materials. There appears to be minor silicification also associated with this.

525'-708.7'

MEDIUM GREY HORNFELSED SILICEOUS SPOTTED METASILTSTONE WITH PYRRHOTITE-GRAPHITE and minor darker grey laminae (less than 5%); medium-dark grey cross-cutting recrystallized marble layers and light yellow brown sideritic intervals.

Core not as conductive as first unit. Some dark grey laminae are conductive but make up little of the rock. Unit contains less graphite, silica. Brownish sideritic intervals are typically found near contacts or between calcareous intervals. Calcareous intervals cut across bedding. Cone-in-cone weakly developed, but other pressure solution occurs in these intervals. Some cross-cutting, septarian type veining to 6-7 mm also occurs.

The interval 625.5'-626.5' contains scattered pseudo-nodules(?). The rock is locally somewhat fractured with minor serpentine(?)-talc-chlorite.

The interval 704.0'-706.3' is 2 cm thick shear with quartz, chlorite, pyrrhotite. Porphyroblasts are generally less than 1 mm, black to light colored (chlorite? graphite? carbonate?), and occasionally occur in calcareous layers (such as 694.5'-695.0'). Chloritic ones reach up to 4 mm and also form branching, dendritic-hourglass shaped crystals to 1 cm.

Rock contains little graphite that rubs off on hands. Part of dark color may be due to finely disseminated sulfides. Foliation is poorly developed. Bedding measures 0-27° to core axis, but typically is 5-10°. Scattered hairline fractures-veins with minor chlorite, pyrrhotite, talc, prehnite(?), serpentine, carbonate, quartz, K-feldspar and/or hornblende.

Rock is slightly magnetic.

Calcareous intervals are 587.9'-589.3', 590.1'-591.1', 644.0'-645.0', 673.1'-673.7', 675.5'-676.2', 688.1'-690.3', 692.0'-692.4', 694.1'-695', 696.5'-697.4'.

Unit is sideritic especially on the margins of calcareous intervals, namely, 586.6'-587.9', 589.3'-590.1', 591.1'-591.4', 674.8'-675.5', 676.2'-681', 686.5'-688.1', 690.3'-692.0', 692.4'-694.1', 695'-696.5', 697.4'-697.5', 703'-707'.

708.7'-732.0' SPOTTED, DARK GREY SILICEOUS METASILTSTONE WITH PYRRHOTITE, GRAPHITE.

Unit relatively massive with few laminations. Unit is nonconductive but slightly magnetic. Rock contains 4-10% pyrrhotite, disseminated, and occasionally in hairline laminae. Scattered, few fractures contain chlorite, K-feldspar talc.

Bedding measures 3°-7° to core axis.

The interval 728'-730' contains a 2-3 mm shear fracture with gouge, quartz, and pyrrhotite, trace chalcopryrite and bornite.

Unit gradually becomes lighter colored with depth.

732.0'-779.0' SPOTTED, MEDIUM GREY METASILTSTONE WITH MINOR DARK AND LIGHT GREY LAMINAE.

Foliation typically poorly developed, with strain slip cleavage moderately formed at 751'-752', and minor crinkles. Minor flowage-disruption along bedding planes. Some irregularities of bedding may be soft sediment.

Schistosity measures 30° - 33° and cuts across bedding typically.

Pyrrhotite is disseminated and also occurs in a few laminae with quartz (sedimentary with late recrystallization flowage).

Unit contains a few hairline fractures with locally minor irridescent blue (Mn-Fe oxides?) coating.

779'

TOTAL DEPTH

Analytical results of drill hole TS-2 follow in Table 5.

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	SiO2 %	Al2O3 %	Fe2O3 %	Fe %	MgO %	CaO %	Na2O %	NA %	K2O %	TiO2 %
CSL 17311 (COMP. 13-17)	TS-2	141-153.0	63.10	16.60	6.07	--	2.94	0.24	1.34	--	3.60	0.84
CSL 17366	TS-2	163-165.0	61.90	17.50	5.91	--	2.72	0.34	1.34	--	4.09	0.87
CSL 17318 (COMP. 19-26)	TS-2	171-187.0	62.20	17.00	6.51	--	2.94	0.32	1.26	--	3.82	0.86
CSL 17327 (COMP. 28-34)	TS-2	200-214.0	61.40	17.10	6.71	--	3.09	0.42	1.33	--	3.77	0.83
CSL 17335 (COMP. 36-42)	TS-2	226-240.0	61.00	17.00	7.06	--	3.19	0.72	1.77	--	3.88	0.81
CSL 17449	TS-2	240-242.0	63.40	16.40	6.05	--	2.95	0.75	2.12	--	3.50	0.78
CSL 17343 (COMP. 44-50)	TS-2	242-256.0	61.40	17.40	6.50	--	3.10	0.55	1.52	--	3.89	0.82
CSL 17351 (COMP. 52-57)	TS-2	262-274.0	59.90	17.60	7.57	--	3.34	0.58	1.46	--	3.98	0.83
CSL 17358 (COMP. 59-65)	TS-2	274-288.0	59.30	17.40	7.79	--	3.38	0.73	1.45	--	3.87	0.81
CSL 17367 (COMP. 68-74)	TS-2	304-318.0	59.90	17.50	7.97	--	3.35	0.81	1.79	--	3.84	0.82
CSL 17375 (COMP. 76-82)	TS-2	328-342.0	55.90	16.10	8.09	--	3.25	5.40	1.78	--	3.36	0.74
CSL 17445	TS-2	360.3-362.0	27.70	7.74	8.50	--	4.28	27.40	0.38	--	0.88	0.34
CSL 17446	TS-2	373-375.0	60.20	17.20	7.92	--	3.40	1.05	2.25	--	3.53	0.82
CSL 17383 (COMP. 84-88)	TS-2	387-397.0	55.60	15.20	7.60	--	3.29	6.70	1.78	--	3.07	0.71
CSL 17447	TS-2	456.1-457.5	23.10	6.48	6.69	--	11.40	21.50	0.12	--	2.21	0.30
CSL 17389 (COMP. 90-94)	TS-2	493-503.0	60.00	17.40	8.04	--	3.54	1.05	1.94	--	3.90	0.80
CSL 17448	TS-2	523-524.0	33.80	8.48	7.27	--	2.85	26.20	0.12	--	0.61	0.33
CSL 17440	TS-2	559-561.0	60.10	17.60	8.32	--	3.62	1.33	2.60	--	3.49	0.83
CSL 17402 (COMP. 03-07)	TS-2	586.7-592.2	45.40	13.70	7.51	--	3.37	14.70	1.42	--	2.45	0.61
CSL 17441	TS-2	625-627.0	58.50	18.70	8.94	--	3.88	0.39	1.97	--	4.02	0.83
CSL 17408 (COMP. 09-13)	TS-2	642-647.0	51.70	15.40	8.43	--	3.61	8.04	1.55	--	3.20	0.68
CSL 17414 (COMP. 15-19)	TS-2	672-677.5	50.90	14.00	7.46	--	3.26	11.20	1.44	--	2.64	0.65
CSL 17442	TS-2	680-681.0	49.60	16.50	12.20	--	6.45	6.69	1.55	--	2.15	1.68
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0	51.60	14.60	7.16	--	3.31	10.40	1.49	--	2.86	0.65
CSL 17425 (COMP. 26-29)	TS-2	694-698.9	43.10	14.40	7.67	--	3.73	15.10	1.63	--	2.30	0.63
CSL 17443	TS-2	704-706.3	62.00	15.50	8.41	--	3.24	2.55	2.16	--	2.75	0.70
CSL 17430 (COMP. 31-33)	TS-2	711-717.0	57.60	18.40	8.70	--	4.03	0.41	1.62	--	4.52	0.86
CSL 17444	TS-2	728-730.0	63.40	15.20	7.92	--	3.37	0.46	1.76	--	3.77	0.70
CSL 17434 (COMP. 35-39)	TS-2	760-770.0	59.50	18.00	8.67	--	3.60	0.51	2.12	--	3.78	0.84
CSL 14081	TS/FHL-1	169.3-179	45.80	19.70	11.10	--	10.10	9.30	2.11	--	0.38	0.42
CSL 14061	TS/FHL-1	415-425	55.20	14.10	14.20	--	5.70	4.96	1.47	--	0.61	1.88

* denotes the figure is less than the detection limit

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	P205 %	MNO %	CO2 %	LOI %	S %	CL PPM	F PPM	CU PPM	NI PPM	CR PPM
CSL 17311 (COMP. 13-17)	TS-2	141-153.0		0.03	0.01	5.47	0.36	100*	890	150	440	180
CSL 17366	TS-2	163-165.0		0.02	0.05*	5.23	0.47	100*	1100	210	280*	160
CSL 17318 (COMP. 19-26)	TS-2	171-187.0		0.03	0.01	5.16	0.38	100*	1100	150	350	170
CSL 17327 (COMP. 28-34)	TS-2	200-214.0		0.03	0.01	5.23	0.42	100*	1100	160	260*	180
CSL 17335 (COMP. 36-42)	TS-2	226-240.0		0.04	0.05*	4.47	0.37	100*	1000	140	280*	170
CSL 17449	TS-2	240-242.0		0.03	0.07	4.23	0.31	100*	1100	100	280*	150
CSL 17343 (COMP. 44-50)	TS-2	242-256.0		0.03	0.02	4.93	0.36	100*	1000	130	280*	180
CSL 17351 (COMP. 52-57)	TS-2	262-274.0		0.04	0.01	4.70	0.40	100*	1100	120	280*	180
CSL 17358 (COMP. 59-65)	TS-2	274-288.0		0.04	0.02	5.08	0.40	100*	980	99	260*	180
CSL 17367 (COMP. 68-74)	TS-2	304-318.0		0.04	0.04	3.85	0.76	100*	1100	94	280*	190
CSL 17375 (COMP. 76-82)	TS-2	328-342.0		0.07	3.21	4.39	0.80	100*	1000	85	330	170
CSL 17445	TS-2	360.3-362.0		0.28	21.00	21.00	1.40	300	680	59	200*	80
CSL 17446	TS-2	373-375.0		0.04	0.11	3.47	0.57	100*	1200	68	260*	150
CSL 17383 (COMP. 84-88)	TS-2	387-397.0		0.07	4.53	5.85	0.65	100*	870	80	260*	170
CSL 17447	TS-2	456.1-457.5		0.36	25.70	28.00	0.55	850	520	31	200	60
CSL 17389 (COMP. 90-94)	TS-2	493-503.0		0.04	0.02	3.39	0.66	100*	1000	99	310	180
CSL 17448	TS-2	523-524.0		0.20	17.60	19.80	0.64	300	590	21	170*	70
CSL 17440	TS-2	559-561.0		0.06	0.01	2.23	0.41	100*	1100	67	260*	160
CSL 17402 (COMP. 03-07)	TS-2	586.7-592.2		0.15	9.28	10.50	0.41	100*	880	42	280*	160
CSL 17441	TS-2	625-627.0		0.05	0.05*	2.62	0.37	100*	1100	62	330	150
CSL 17408 (COMP. 09-13)	TS-2	642-647.0		0.11	5.95	6.77	0.58	100*	960	63	280*	170
CSL 17414 (COMP. 15-19)	TS-2	672-677.5		0.11	7.21	8.39	0.37	100*	990	56	280*	170
CSL 17442	TS-2	680-681.0		0.15	0.11	2.77	0.43	100*	1300	140	310	230
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0		0.16	6.85	7.77	0.23	100*	1000	40	260*	170
CSL 17425 (COMP. 26-29)	TS-2	694-698.9		0.19	9.78	11.00	0.41	100	980	74	310	140
CSL 17443	TS-2	704-706.3		0.07	0.05*	2.39	0.71	100*	940	170	240*	140
CSL 17430 (COMP. 31-33)	TS-2	711-717.0		0.04	0.01	3.93	0.35	100*	1200	61	260*	180
CSL 17444	TS-2	728-730.0		0.03	0.05*	3.31	0.67	100*	1000	110	240*	130
CSL 17434 (COMP. 35-39)	TS-2	760-770.0		0.05	0.01	2.93	0.57	100*	1100	75	280*	200
CSL 14081	TS/FHL-1	169.3-179		0.12	0.11	1.31	0.05	100*	20*	160	280	290
CSL 14061	TS/FHL-1	415-425		0.12	0.01	1.85	2.35	100*	450	3500	1000	280

* denotes the figure is less than the detection limit

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	CO PPM	V PPM	ZN PPM	MO PPM	BA PPM	PD PPB	IR PPB	AU PPB	AG PPM	LA PPM
CSL 17311 (COMP. 13-17)	TS-2	141-153.0	17	230	300	23	770	3	50*	2*	2*	31
CSL 17366	TS-2	163-165.0	17	230	200	31	880	4	50*	8	2*	36
CSL 17318 (COMP. 19-26)	TS-2	171-187.0	16	220	200	16	770	3	50*	7	4	40
CSL 17327 (COMP. 28-34)	TS-2	200-214.0	20	230	300	21	810	3	50*	7*	2*	33
CSL 17335 (COMP. 36-42)	TS-2	226-240.0	17	210	300	21	810	3	50*	6	2*	35
CSL 17449	TS-2	240-242.0	19	140	200	27	750	4	50*	8*	2*	35
CSL 17343 (COMP. 44-50)	TS-2	242-256.0	19	220	200	20	840	4	50*	8*	2*	34
CSL 17351 (COMP. 52-57)	TS-2	262-274.0	19	200	100	19	810	2	50*	10	2*	37
CSL 17358 (COMP. 59-65)	TS-2	274-288.0	20	210	100	15	760	3	50*	7*	2*	34
CSL 17367 (COMP. 68-74)	TS-2	304-318.0	22	200	300	14	840	3	50*	8*	2*	39
CSL 17375 (COMP. 76-82)	TS-2	328-342.0	20	170	200	12	670	4	50*	16	2*	33
CSL 17445	TS-2	360.3-362.0	11	74	500	2*	180	2*	50*	6*	2*	33
CSL 17446	TS-2	373-375.0	19	150	100	17	750	3	50*	2*	2*	40
CSL 17383 (COMP. 84-88)	TS-2	387-397.0	18	160	100	12	610	4	50*	7*	3	30
CSL 17447	TS-2	456.1-457.5	5*	53	200	6	180	2*	50*	5*	2*	28
CSL 17389 (COMP. 90-94)	TS-2	493-503.0	21	180	200	11	800	3	50*	8*	2*	34
CSL 17448	TS-2	523-524.0	11	51	100	9	70	2*	50*	5*	4*	28
CSL 17440	TS-2	559-561.0	20	180	100	8	770	3	50*	7*	10	34
CSL 17402 (COMP. 83-87)	TS-2	586.7-592.2	18	130	100*	13	540	2*	50*	11	2*	30
CSL 17441	TS-2	625-627.0	23	200	200	8	830	2*	50*	8*	2*	34
CSL 17408 (COMP. 89-13)	TS-2	642-647.0	19	140	100*	13	610	2*	50*	7*	2*	31
CSL 17414 (COMP. 15-19)	TS-2	672-677.5	19	140	100	8	460	2	50*	7*	2*	32
CSL 17442	TS-2	680-681.0	37	270	200	3*	500	3	50*	13	2	27
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0	15	130	100	8	520	2*	50*	8*	2*	29
CSL 17425 (COMP. 26-29)	TS-2	694-698.9	19	150	100	13	410	2	50*	8*	2*	33
CSL 17443	TS-2	704-706.3	37	170	100	5	530	2	50*	2	2*	27
CSL 17430 (COMP. 31-33)	TS-2	711-717.0	18	190	200	13	890	2*	50*	12	2*	34
CSL 17444	TS-2	728-730.0	24	180	100	11	530	2	50*	6	2*	35
CSL 17434 (COMP. 35-39)	TS-2	760-770.0	22	190	100	13	820	2	50*	8*	2*	36
CSL 14081	TS/FHL-1	169.3-179	54	56	100*	2*	310	12	50*	8	2*	5
CSL 14061	TS/FHL-1	415-425	95	350	200	6	170	80	50*	35	2	13

* denotes the figure is less than the detection limit

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	RB PPM	CS PPM	SR PPM	EU PPM	SC PPM	Y PPM	YB PPM	ZR PPM	BI PPM	NB PPM
CSL 17311 (COMP. 13-17)	TS-2	141-153.0	130	4.00	40	1.50	20.10	32	2.70	190	2*	16
CSL 17366	TS-2	163-165.0	150	6.40	36	1.10	21.60	34	3.00	190	2*	16
CSL 17318 (COMP. 19-26)	TS-2	171-187.0	140	6.60	30	1.20	21.00	34	2.70	190	2*	16
CSL 17327 (COMP. 28-34)	TS-2	200-214.0	140	5.60	40	0.80	20.70	32	2.70	170	2*	16
CSL 17335 (COMP. 36-42)	TS-2	226-240.0	140	5.70	98	1.50	20.90	34	3.10	180	2*	16
CSL 17449	TS-2	240-242.0	130	5.40	96	1.30	19.90	26	2.60	170	2*	14
CSL 17343 (COMP. 44-50)	TS-2	242-256.0	140	5.80	64	1.10	21.40	32	2.50	180	2*	16
CSL 17351 (COMP. 52-57)	TS-2	262-274.0	140	6.30	64	0.80	21.80	26	2.40	170	2*	16
CSL 17358 (COMP. 59-65)	TS-2	274-288.0	140	5.80	80	0.90	21.20	34	2.30	170	2*	16
CSL 17367 (COMP. 68-74)	TS-2	304-318.0	140	6.70	110	1.00	23.60	32	2.70	160	2*	16
CSL 17375 (COMP. 76-82)	TS-2	328-342.0	120	4.70	240	0.90	20.80	30	2.00	140	2*	16
CSL 17445	TS-2	360.3-362.0	18	1.20	370	1.10	10.20	36	2.30	64	2*	8
CSL 17446	TS-2	373-375.0	130	5.50	150	2.20	22.10	34	2.90	160	2*	16
CSL 17383 (COMP. 84-88)	TS-2	387-397.0	110	5.10	230	0.80	18.90	26	2.50	130	2*	14
CSL 17447	TS-2	456.1-457.5	22	0.80*	76	0.40	9.00	28	2.20	56	2*	8
CSL 17389 (COMP. 90-94)	TS-2	493-503.0	140	6.00	210	0.70*	22.50	30	2.80	160	2*	16
CSL 17448	TS-2	523-524.0	12	0.90	310	1.20	10.00	26	1.90	60	2*	8
CSL 17440	TS-2	559-561.0	140	7.20	180	0.70*	22.30	32	2.50	160	2*	16
CSL 17402 (COMP. 03-07)	TS-2	586.7-592.2	82	4.30	340	1.10	18.60	32	3.30	110	2*	12
CSL 17441	TS-2	625-627.0	150	5.50	110	1.20	23.50	28	2.70	160	2*	16
CSL 17408 (COMP. 09-13)	TS-2	642-647.0	110	5.60	200	1.50	20.50	26	2.60	120	2*	12
CSL 17414 (COMP. 15-19)	TS-2	672-677.5	92	3.40	300	1.60	18.70	32	2.90	120	2*	12
CSL 17442	TS-2	680-681.0	72	4.80	340	1.80	26.70	32	2.40	170	2*	16
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0	96	4.00	230	1.40	19.60	24	2.60	120	2*	12
CSL 17425 (COMP. 26-29)	TS-2	694-698.9	76	3.20	380	2.10	19.00	36	3.00	110	2*	12
CSL 17443	TS-2	704-706.3	110	4.50	670	2.10	20.50	32	2.60	140	2*	14
CSL 17430 (COMP. 31-33)	TS-2	711-717.0	160	6.70	90	1.10	24.50	24	2.50	160	2*	16
CSL 17444	TS-2	728-730.0	120	5.50	96	1.80	18.60	38	2.30	140	2*	14
CSL 17434 (COMP. 35-39)	TS-2	760-770.0	140	5.50	130	1.40	23.40	32	2.70	160	2*	16
CSL 14081	TS/FHL-1	169.3-179	12	1.10*	270	1.00	4.80	4	0.40	44	2*	6
CSL 14061	TS/FHL-1	415-425	20	1.30*	270	1.30	19.00	12	1.40	82	9	10

* denotes the figure is less than the detection limit

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	TH PPM	U PPM	SN PPM	AS PPM	SB PPM	SE PPM	TE PPM	BR PPM	LU PPM	HF PPM
CSL 17311 (COMP. 13-17)	TS-2	141-153.0	10.00	10.30	10*	18.00	2.00	8*	10*	1*	0.63	3
CSL 17366	TS-2	163-165.0	9.90	10.10	10*	13.00	2.10		10*	1*	0.63	4
CSL 17318 (COMP. 19-26)	TS-2	171-187.0	9.90	8.60	10*	18.00	2.10	5*	10*	1*	0.58	3
CSL 17327 (COMP. 28-34)	TS-2	200-214.0	11.00	10.80	10*	17.00	2.00	5*	10*	1	0.57	3
CSL 17335 (COMP. 36-42)	TS-2	226-240.0	11.00	9.40	10*	19.00	1.80		10*	1*	0.62	4
CSL 17449	TS-2	240-242.0	11.00	9.90	10*	23.00	1.60	5*	10*	1*	0.60	4
CSL 17343 (COMP. 44-50)	TS-2	242-256.0	10.00	8.90	10*	19.00	2.00	5*	10*	1*	0.58	4
CSL 17351 (COMP. 52-57)	TS-2	262-274.0	9.90	8.20	10*	7.80	1.50	5*	10*	1*	0.47	4
CSL 17358 (COMP. 59-65)	TS-2	274-288.0	10.00	8.30	10*	18.00	2.10	7*	10*	1*	0.41	4
CSL 17367 (COMP. 68-74)	TS-2	304-318.0	11.00	6.80	10*	16.00	2.20	5*	10*	1*	0.51	4
CSL 17375 (COMP. 76-82)	TS-2	328-342.0	9.90	5.30	10*	11.00	2.20	5*	10*	1*	0.43	3
CSL 17445	TS-2	360.3-362.0	4.40	1.40	10*	15.00	2.60	5*	10*	3	0.37	1
CSL 17446	TS-2	373-375.0	10.00	5.80	10*	5.00	1.90	5*	10*	1*	0.43	3
CSL 17383 (COMP. 84-88)	TS-2	387-397.0	9.30	5.90	10*	17.00	1.90	5*	10*	1*	0.41	3
CSL 17447	TS-2	456.1-457.5	3.30	2.20	10*	25.00	1.40	5*	10*	10	0.36	1
CSL 17389 (COMP. 90-94)	TS-2	493-503.0	10.00	6.40	10*	3.70	1.70	5*	10*	1*	0.50	3
CSL 17448	TS-2	523-524.0	3.50	1.90	10*	22.00	1.70	5*	10*	2	0.25	1
CSL 17440	TS-2	559-561.0	10.00	4.20	10*	10.00	1.10	5*	10*	1*	0.43	4
CSL 17402 (COMP. 03-07)	TS-2	586.7-592.2	7.70	4.30	10*	24.00	2.50	5*	10*	1*	0.47	2
CSL 17441	TS-2	625-627.0	9.70	4.80	10*	21.00	1.30	5*	10*	1*	0.42	2
CSL 17408 (COMP. 09-13)	TS-2	642-647.0	8.30	4.00	10*	11.00	1.60	5*	10*	2	0.42	2
CSL 17414 (COMP. 15-19)	TS-2	672-677.5	8.20	2.00	10*	21.00	1.70	5*	10*	1*	0.50	2
CSL 17442	TS-2	680-681.0	4.50	2.00	10*	20.00	2.50	7*	10*	1*	0.40	4
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0	7.70	2.60	10*	17.00	1.70	5*	10*	1*	0.47	2
CSL 17425 (COMP. 26-29)	TS-2	694-698.9	7.10	3.80	10*	16.00	2.00	5*	10*	1*	0.41	2
CSL 17443	TS-2	704-706.3	8.00	3.20	10*	11.00	1.50	5*	10*	1	0.43	2
CSL 17430 (COMP. 31-33)	TS-2	711-717.0	11.00	5.50	10*	14.00	1.50	8*	10*	1*	0.49	4
CSL 17444	TS-2	728-730.0	8.00	5.10	10*	24.00	1.60	5*	10*	1*	0.50	3
CSL 17434 (COMP. 35-39)	TS-2	760-770.0	9.90	4.70	10*	11.00	1.40	5*	10*	1*	0.41	4
CSL 14001	TS/FHL-1	169.3-179	0.60	0.40*	10*	0.50*	0.20	5*	10*	1*	0.09	1*
CSL 14061	TS/FHL-1	415-425	1.70	1.30	10*	47.00	3.00	7*	10*	1*	0.25	2

* denotes the figure is less than the detection limit

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	TA PPM	W PPM	PT PPB	PB PPM	CE PPM	CD PPM	U PPM	BE PPM	B PPM	GE PPM
CSL 17311 (COMP. 13-17)	TS-2	141-153.0	2.00*	2*	10*	45	56	2	10.30	3	50	10*
CSL 17366	TS-2	163-165.0	2.00*	2*	10*	38	89	2	10.10	3	50	10*
CSL 17318 (COMP. 19-26)	TS-2	171-187.0	2.00*	2*	10*	26	66	2	8.60	4	40	10*
CSL 17327 (COMP. 28-34)	TS-2	200-214.0	1.70*	2*	10	23	58	1	10.80	4	50	10*
CSL 17335 (COMP. 36-42)	TS-2	226-240.0	2.00*	2*	10	26	66	1	9.40	4	40	10*
CSL 17449	TS-2	240-242.0	2.00*	1*	10*	30	76	2	9.90	3	40	10
CSL 17343 (COMP. 44-50)	TS-2	242-256.0	2.00*	2*	10*	26	58	1	8.90	4	50	10*
CSL 17351 (COMP. 52-57)	TS-2	262-274.0	1.70*	2*	10	25	70	1*	8.20	3	50	10
CSL 17358 (COMP. 59-65)	TS-2	274-288.0	1.70*	2*	10*	28	63	1*	8.30	4	40	10*
CSL 17367 (COMP. 68-74)	TS-2	304-318.0	2.00*	3	10*	20	67	1*	6.80	4	70	10
CSL 17375 (COMP. 76-82)	TS-2	328-342.0	2.20*	4	10*	20	69	1*	5.30	4	40	10*
CSL 17445	TS-2	360.3-362.0	1.10*	2*	10	150	62	1*	1.40	2	30	10*
CSL 17446	TS-2	373-375.0	1.70*	2*	10	20	81	1*	5.80	3	60	10*
CSL 17383 (COMP. 84-88)	TS-2	387-397.0	1.70*	4	10*	25	55	1*	5.90	4	40	10*
CSL 17447	TS-2	456.1-457.5	0.90*	4	10	19	63	5	2.20	2	80	10*
CSL 17389 (COMP. 90-94)	TS-2	493-503.0	1.70*	2*	10*	13	62	1*	6.40	3	80	10*
CSL 17448	TS-2	523-524.0	0.90*	2*	10	19	60	1*	1.90	2	10*	10*
CSL 17440	TS-2	559-561.0	2.00*	3	10*	26	69	1*	4.20	4	30	10*
CSL 17402 (COMP. 03-07)	TS-2	586.7-592.2	2.00*	2*	10*	19	71	1*	4.30	3	10	10*
CSL 17441	TS-2	625-627.0	1.70*	2*	10*	18	69	1*	4.80	5	60	10*
CSL 17408 (COMP. 09-13)	TS-2	642-647.0	1.70*	2*	10*	28	66	1*	4.00	3	40	10
CSL 17414 (COMP. 15-19)	TS-2	672-677.5	1.70*	2*	10*	20	72	1*	2.80	3	30	10*
CSL 17442	TS-2	680-681.0	1.70*	2*	10*	22	54	1*	2.00	4	20	10*
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0	1.70*	5	10*	47	57	1*	2.60	3	30	10*
CSL 17425 (COMP. 26-29)	TS-2	694-698.9	2.00*	6	10*	28	76	1*	3.80	3	40	10*
CSL 17443	TS-2	704-706.3	1.50*	2*	10*	25	58	1*	3.20	3	30	10*
CSL 17430 (COMP. 31-33)	TS-2	711-717.0	1.70*	2*	10*	16	75	1*	5.50	4	100	10*
CSL 17444	TS-2	728-730.0	1.70*	2*	10*	17	58	1	5.10	3	80	10*
CSL 17434 (COMP. 35-39)	TS-2	760-770.0	2.00*	3	10*	25	75	1*	4.70	4	60	10
CSL 14081	TS/FHL-1	169.3-179	1.50*	2*	10	5*	13	1*	0.40*	3	10*	10*
CSL 14061	TS/FHL-1	415-425	1.50*	2*	40	25	29	1	1.30	4	10*	10

* denotes the figure is less than the detection limit

Table 5
Analytical Results of Drill Hole TS-2

Sample #	Drill Hole#	Depth	P PPM	ND PPM	SM PPM
CSL 17311 (COMP. 13-17)	TS-2	141-153.0	360	26	7.5
CSL 17366	TS-2	163-165.0	790	23	8.5
CSL 17318 (COMP. 19-26)	TS-2	171-187.0	640	19	8.6
CSL 17327 (COMP. 28-34)	TS-2	200-214.0	800	19	7.7
CSL 17335 (COMP. 36-42)	TS-2	226-240.0	810	36	8.2
CSL 17449	TS-2	240-242.0	600	24	7.6
CSL 17343 (COMP. 44-50)	TS-2	242-256.0	760	21	7.7
CSL 17351 (COMP. 52-57)	TS-2	262-274.0	790	30	7.7
CSL 17358 (COMP. 59-65)	TS-2	274-288.0	900	18	7.5
CSL 17367 (COMP. 68-74)	TS-2	304-318.0	820	18	8.4
CSL 17375 (COMP. 76-82)	TS-2	328-342.0	660	20	7.3
CSL 17445	TS-2	360.3-362.0	520	24	8.0
CSL 17446	TS-2	373-375.0	640	27	8.6
CSL 17383 (COMP. 84-88)	TS-2	387-397.0	630	24	6.6
CSL 17447	TS-2	456.1-457.5	380	23	6.2
CSL 17389 (COMP. 90-94)	TS-2	493-503.0	720	14	7.6
CSL 17448	TS-2	523-524.0	360	29	6.9
CSL 17440	TS-2	559-561.0	740	19	7.5
CSL 17402 (COMP. 03-07)	TS-2	586.7-592.2	570	23	7.1
CSL 17441	TS-2	625-627.0	640	20	7.1
CSL 17408 (COMP. 09-13)	TS-2	642-647.0	660	17	7.6
CSL 17414 (COMP. 15-19)	TS-2	672-677.5	670	24	7.9
CSL 17442	TS-2	680-681.0	1300	16	7.9
CSL 17420 (COMP. 21-24)	TS-2	686.5-694.0	650	15	6.5
CSL 17425 (COMP. 26-29)	TS-2	694-698.9	650	20	8.5
CSL 17443	TS-2	704-706.3	640	22	6.0
CSL 17430 (COMP. 31-33)	TS-2	711-717.0	750	21	7.2
CSL 17444	TS-2	728-730.0	610	20	7.6
CSL 17434 (COMP. 35-39)	TS-2	760-770.0	730	28	7.9
CSL 14081	TS/FHL-1	169.3-179	340	15	1.2
CSL 14061	TS/FHL-1	415-425	370	8	2.8

* denotes the figure is less than the detection limit