DRILLED IN DOLLY VARDEN ZONE (Unedited logs)
Contains 3 "extralite" intersections.

DOLLY VARDEN MINERALS INC. DIAMOND DRILL LOG Hole No.: NS90-11 PAGE: 1 of

Hole No:	NS90-11	Azimuth: 235.0	Core Size:	BD-BGM	
Project:	NORTH STAR	Dip: -50.0	Contractor:	J.T. THOMAS	
Property:	DOLLY VARDEN	Length (ft): 1377.60	Started:	JUNE 20 1990	
Claim:	SPORTSMAN	Elevation (ft) 2050.00	Completed:	JUNE 24-1990	
Co-ords: N:	6075.00		Logged By:	D HALLIWELL	
E:	6065.00	Comments: SITE #2	Date Logged:	JUNE 1990	

BOREHOLE TESTS:

Depth	Azimuth	Dip	Depth	Azimuth	Dip
0	235.0	-50.0			
220.0	234.0	-50.0	820.0	237.0	-52.0
420.0	234.0	-51.0	1025.0	238.0	-52.0
620.0	235.0	-51.0	1390.0	243.0	-53.0

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
.0	4.9	CASING									
		.0.0 ANDESITE BRECCIA. Hematized.									
4.9	37.3	ANDESITE LAPILLI TUFF									
		ANDESITE LAPILLI TUFF - HEMATIZED. Light maroon angrular to subround clasts supported by a dark maroon fine-grained matrix. Strong to moderate pervasive hematization. Carbonatized matrix. Carbonate veinlets and quartz - carbonate +/- chloite veinlets at CA 10 drg - 70 drg. Good core recovery and fair RQD. Friable to blocky zones at 7.1 - 8.1, 8.6 - 8.8, 22.4 - 23.5. Limonitization in first zone.									
37.3	38.9	DAPT									
		Chloritized. Light to medium greyish green. Few clasts. Strong patchy chloritization and saussuritization. Limonitized - chloritized - epidotized fractures. Carbonatitized matrix. Carbonate veinlets and carbonate - quartz veins at CA 20 drg - 80 drg. Fair core recovery and RQD. Blocky core at 34.6 - 36.4, 38.3 - 38.9. Faulted lower contact (?). Black subhedral fine-grained 90 drg.									
		ANDESITE LAPILLI TUFF - Hematized. Light maroon (ANDESITE TUFF) subangular clasts supported by dark maroon fine-grained matrix. Strong pervasive hematization. Carbonate phenocrysts. Very good core recovery and good RQD.									
38.9	46.5	ANDESITE LAPILLI TUFF									

ALT - hc

B. V. KIRKHAM
R. V. KIRKHAM

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
46.5	50.2	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. As above. Light maroon andesite angular clasts supported by dark maroon fine-grained matrix. Carbonatized matrix and veinlets /veins at CA 30 drg - 55 drg. Good core recovery and fair RQD.									
50.2	94.4	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF. Hematized. As above. Carbonatized matrix. Carbonate veins/veinlets at CA 20 drg - 80 drg. Good core recovery and fair RQD. Blocky core at 63.9 - 86.8. Friable core at 81.0 - 81.6. Chlorite and limonite in fractures. ANDESITE BRECCIA - Hematized. As above, with coarser ANDESITE TUFF clasts. Carbonatized matrix. No veins/veinlets. Excellent core recovery and very good RQD.									
94.4	101.9	ANDESITE BRECCIA									
101.9	103.6	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. As above. Maroon ATF clasts supported by dark maroon fine-grained matrix. Carbonatized matrix. Carbonate veins/veinlets (CA 20 drg -70 drg). Very good core recovery and RQD.									
103.6	113.0	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. Light maroon ANDESITE TUFF and light grey DACITE TUFF angular to subround clasts supported by dark maroon fine-grained andesitic matrix. Carbonatized matrix. Carbonate veins/veinlets (CA 20 drg - 70 drg). Very good core recovery adn food RQD.									
113.0	116.0	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. As above with finer clasts. Carbonatized matrix. Carbonate veins/veinlets at CA 20 drg - 70 drg. Good core recovery and RQD.									
116.0	133.0	DACITE BRECCIA DACITE BRECCIA. Light grey DACITE TUFF and light									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		maroon ANDESITE TUFF supported by dark maroon andesitic matrix. Moderate patchy hematization. Carbonatized matrix. Carbonate amygdules. Carbonate veinlets and carbonate - quatrz - chlorite veins at CA 60 drg - 70 drg. Good core recovery and fair RQD. Blocky core at 129.0 - 129.2.									
133.0	140.3	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. Light maroon ANDESITE TUFF and lesser light grey DACITE TUFF supported by andesitic matrix. Moderate to strong pervasive hematization. Carbonatized matrix and carbonate amygdules. Carbonate veinlets at CA 10 drg - 70 drg. Good core recovery and fair RQD.									
140.3	171.7	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. Light grey-maroon ANDESITE TUFF angular to subround clasts supported by dark maroon fine-grained matrix. Moderate and strong pervasive hematization. Carbonatized matrix. Carbonate veinlets and carbonate -quartz +/- chlorite viens at CA 10 drg - 80 drg. Good oore recovery and RQD. 155.9 157.3 Andesite Breccia Hematized. As above, with coarser clasts.									
171.7	180.8	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. Light maroon ANDESITE TUFF angular to subround supported by dark maroon andesitic matrix. Moderate to strong pervasive hematization. Carbonatized matrix. Carbonate amygdules. Carbonate veinlets and carbonate - quartz veins at CA 35 drg - 70 drg. Very good recovery and good RQD.									
180.8	193.0	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF -Hematized. As above, with smaller clasts. Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 12 - 70 drg. Fair core recovery and RQD. Blocky core at 191.4 - 191.8 with limonitization.									
193.0	194.7	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZATION. As above with									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		larger clasts. Carbonate veinlets at Ca 30 drg. Carbonate amygdules. Very good core recovery and fair RQD.									
194.7	206.2	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF. Hematized. As above, with smaller clasts. Carbonate amygdules and carbonatized matrix. Carbonate veinlets at CA 35 drg - 40 drg. Good core recovery and fair RQD.									
206.2	207.7	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. As above, with larger clasts. Carbonate amygdules, matrix and veinlets (CA 35drg). Very good core recovery and fair RQD.									
207.7	212.9	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF. Hematized. As above, with smaller clasts. Abundant carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 30 drg, consistent. Carbonatized amygdules and matrix. Very good core recovery and good RQD.									
212.9	216.7	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. As above, with larger clasts. Rare carbonate veins/veinlets at Ca 65 drg. Carbonatized matrix and amygdules. Good core recovery and fair RQD.									
216.7	224.1	ANDESITE TUFF ANDESITE TUFF. Chloritized. Light to medium green witn little or no clasts. Moderate patchy chloritization. Trace disseminated pyrite. Carbonatized matrix. Carbonatized matrix. Carbonate veins/veinlets at CA 80 drg. Good core recovery and poor RQD.									
224.1	242.6	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. Light maroon ANDESITE TUFF angular clasts supported by dark maroon fine-grained matrix. Carbonatized amygdules and matrix. Carbonate - quartz - chlorite veins at CA 60 drg - 80 drg. Very good core recovery and good RQD. Fine black angular (pyroxene?)									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		phenocrysts. 228.5 229.0 ANDESITE BRECCIA HEMATIZED.									
242.6	243.6	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - CHLORITIZED. Medium green angular clasts supported by light green fine-grained to medium-grained matrix. Moderate pervasive chloritization. Carbonatized matrix. Carbonate veinlets and quartz-carbonate-chlorite veins at CA 45 drg, 70 drg. Very good core recovery and RQD.									
243.6	258.2	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. Light maroon andesite tuff and lesser grey dacite lapilli angular to subround clasts supported by dark maroon fine - grained andesitic matrix. White carbonate amygdules. Carbontized matrix. Carbonate veinlets and carbonate-quartz viens at Ca 50 drg - 70 drg. Very good core recovery and good RQD.									
258.2	260.4	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. As above with larger andesite tuff clasts. Carbonatized matrix. Carbonate veinlets and carbonate-quartz-chlorite veins at CA 60 drg - 70 drg. Very good core recovery and RQD. Only 5 between 246.0, 255.84 wood blocks.									
260.4	280.8	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. As above. Carbonatized, hematized matrix. Carbonatized amygdules. Carbonate veinlets and carbonate - quartz - chlorite - sercite(?) viens at CA 35 drg. Very good core recovery and good RQD.									
280.8	282.8	ANDESITE BRECCIA ANDESTIE BRECCIA - HEMATIZED. As above, with larger ANDESITE TUFF and lesser dacite tuff angular clasts which are matrix-supported. Carbonatized matrix and amygdules. Carbonate veinlets and carbonate - quartz - chlorite veins at CA 45 drg - 70 drg. Very good core recovery and good RQD.									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
282.8	294.2	ANDESITE BRECCIA ANDESITE BRECCIA. Hematized, Light maroon ANDESITE TUFF and white - apple green (saussuitized <?> plagioclase in ANDESITE TUFF ?) angular clasts supported by dark maroon fine - grained andesitic groundmass. Strong patchy hematization. Carbonatized matrix. Carbonate amygdules and veinlets (CA 30 drg - 80 drg). Very good core recovery and good RQD. 289.1 289.7 Wide carbonate-quartz-chlorite vein.									
294.2	338.7	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF - HEMATIZED. Light maroon ANDESITE TUFF and light green (saussuritized?) -grey angular to subround clasts supported by a dark maroon fine - grained andesitic matrix. Moderate to strong pervasive hematization. Carbonatized matrix. Carbonate amygdules. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 10 drg - 80 drg. Very good core recovery and fair RQD. Blocky core at 309.3 - 310.4, 314.4 - 315.3, 330.8 - 332, 333.9 - 334.8. Slickensides at 331.9 (hematized shear).									
338.7	340.3	DACITE BRECCIA Light grey DACITE TUFF angular to subround clast supporting dark maroon fine - grained andesitic matrix. Carbonatized matrix. Carbonate veinlets at CA 30 drg - 70 drg. Fair core recovery and poor RQD. 338.7 339.7 Fracture zone. Core loss. Hematite - carbonate - chlerite - clay mineral(s).									
340.3	342.5	ANDESITE LAPILLI TUFF - HEMATIZED. As above. Carbonatized matrix. Carbonate vein at CA 30 drg at lower contact. Bronze stain from drill ('copper grease'). Fair core recovery and poor RQD. Blocky core at 341.3 - 342.5.									
342.5	345.6	ANDESITE BRECCIA ANDESITE BRECCIA - HEMATIZED. Light maroon ANDESITE TUFF and light green DACITE TUFF angular to subround clasts supporting dark maroon fine-grained - andesitic matrix. Strongly patchy									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		hematization at matrix. Carbonatized matrix and amygdules. Carbonate veinlets at CA 60 drg - 70 drg. Fair core recovery and poor RQD. Blocky core at 342.8 - 343.5.									
345.6	348.8	ANDESITE LAPILLI TUFF - HEMATIZED. As above. ANDESITE TUFF clasts supported by andesitic matrix. Carbonatized matrix. Carbonate veinlets and carbonate - quartz - chlorite veins at CA 60 drg - 70 drg. Good core recovery and fair RQD.									
348.8	367.3	DACITE BRECCIA Light grey-green clasts supported by and, locally, supporting dark maroon fine-grained andesitic matrix. Carbonatized matrix and amygdules. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 10 drg - 80 drg. Slickensides at 361.4. Good core recovery. Poor RQD. Blocky core at 349.7 - 360.7.									
367.3	368.8	ANDESITE LAPILLI TUFF - HEMATIZED. As above, Carbonatized matrix. Very good core recovery. Good RQD.									
368.8	384.7	ANDESITE BRECCIA - HEMATIZED. As above, with larger clasts of ANDESITE TUFF and lesser DACITE TUFF Moderately carbonatized. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 10 drg - 70 drg. Very good core recovery. Good RQD. Blocky core at 373.3 - 374.2.									
384.7	392.3	ANDESITE LAPILLI TUFF - HEMATIZED. As above, with smaller clasts of ANDESITE TUFF and lesser DACITE TUFF Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite +/- epidote veins at 20 drg - 75 drg. Very good core recovery. Good RQD. Slickensided chloritic shear at CA 40 drg (384.6). Large quartz - carbonate - chlorite - epidote vein system at 387.3 - 388.4.									
392.3	393.9	ANDESITE BRECCIA									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		- HEMATIZED. As above. Carbonatized matrix. Carbonate veinlets at CA 20 drg - 60 drg. Good core recovery, RQD.									
393.9	404.3	ANDESITE LAPILLI TUFF - Hematized. As above. Carbonatized matrix. Carbonate veinlets and carbonate - quartz chlorite veins at CA 20 drg - 60 drg. Very good core recovery, RQD.									
404.3	417.4	ANDESITE BRECCIA - HEMATIZED. As above, carbonatized matrix. Carbonate veinlets at CA 10 drg - 40 drg. Very good recovery. Good RQD.									
417.4	419.3	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF. Hematized. As above. Carbonatized matrix. Carbonate veinlets at CA 10 drg. Good core recovery. Fair RQD (blocky core).									
419.3	442.9	ANDESITE BRECCIA ANDESITE BRECCIA. Hematized. Light maroon ANDESITE TUFF, red - brown (hematizatized ANDESITE TUFF and lesser light grey DACITE TUFF angular to subround clasts supported by dark maroon fine-grained andesitic matrix. Carbonatized matrix and amygdules. Carbonate veinlets and carbonate - quartz +/- chlorite +/- sercite(?) veins at CA 30 drg - 80 drg. Good core recovery. Fair RQD. Blocky core at 419.3 - 421.8, 428.0 - 429.2, 439.7 - 441.1, 441.6 - 442.1.									
442.9	446.1	DACITE BRECCIA Light greyish-green angular to subround clasts up to 0.8ft. Diameter supporting dark maroon fine-grained andesitic matrix. Moderate pervasive hematization in matrix. Clasts exhibit chloritization of mafics, kaolinitinzation +/- saussuritization (?) of plagioclase. Carbonatized matrix and amygdules. Carbonate veinlets at CA 30 drg, CA 60 drg. Very good core recovery. Good RQD.									
446.1	456.1	ANDESITE LAPILLI TUFF - HEMATIZED. Light maroon ANDESITE TUFF and lesser									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		light grey DACITE TUFF angular to subround clasts supported by dark maroon fine - grained andesitic matrix. Strong pervasive hematization. Carbonate veinlets and carbonate-quartz veins at CA 30 drg - 50 drg. Very good core recovery. Good RQD.									
456.1	474.5	ANDESITE BRECCIA - HEMATIZED. ANDESITE TUFF and lesser DACITE TUFF clasts supported by dark maroon fine - grained andesitic matrix. Abundant C in matrix and amygdules. Carbonate veinlets, carbonate - quartz +/- chl. Vein at CA 10 drg - 35 drg. Strong pervasive hematization. Very good core recovery. Good RQD.									
474.5	508.5	ANDESITE LAPILLI TUFF Hematized. ANDESITE TUFF and lesser DACITE TUFF clasts supported by dark maroon fine - grained andesitic matrix. Moderate to strong hematization. Moderate to strong carbonatization matrix and amygdules. Carbonate veinlets carbonate - quartz +/- chlorite veins at CA 5 drg - 40 drg. Very good CR. Good RQD. B at 496.8 - 498.6. 474.5 476.7 ANDESITE BRECCIA - HEMATIZED. DACITE TUFF clasts supported by dark maroon andesitic fine-grained matrix. 485.3 491.3 ANDESITE BRECCIA - Hematized. As above, with DACITE TUFF and ANDESITE TUFF clasts.									
508.5	526.0	ANDESITE LAPILLI TUFF DACITE TUFF and leseer ANDESITE TUFF clasts supported by dark maroon andesitic matrix. Strong patchy hematization and chloritization. Carbonatized matrix and rare amygdules. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 5 drg - 80 drg. Slickensides at 517.3. Very good core recovery and good RQD. Blocky core at 509.3 - 510.9, 517.0 - 517.8, 520.1 - 521.3. 513.8 520.0 ANDESITE BRECCIA. As above, with larger clasts. Carbonatized matrix. Carbonate veinlets at CA 20 drg - 50 drg.									
526.0	538.4	DACITE BRECCIA DACITE TUFF angular to subround clasts supported									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		by or supporting dark maroon fine - grained andesite matrix. Matrix is carbonatized and moderately pervasively hematized. Carbonate veinlets and carbonate - quartz +/- chlorite +/- epidote veins at CA 15 drg - 70 drg. Good core recovery and RQD. Blocky core at 529.8 - 531.1.									
538.4	575.6	ANDESITE LAPILLI TUFF Hematized. ANDESITE TUFF and lesser DACITE TUFF clasts supported by dark maroon andesitic matrix. Strong pervasive hematization. Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 5 drg - 85 drg. Very good core recovery and RQD. Blocky core at 529.8 - 531.1.									
575.6	579.0	ANDESITE BRECCIA - HEMATIZED. As above. ANDESITE TUFF and DACITE TUFF angular to subround clasts.									
579.0	614.8	ANDESITE LAPILLI TUFF Light grey DACITE TUFF and lesser light maroon ANDESITE TUFF angular to subround clasts suppported by fine-grained red-maroon andesitic matrix. Weak patchy hematization. Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 20 drg - 85 drg. Good core recovery and fair RQD. Blocky core at_____. 592.0 594.8 ALTH Weakly chloritized.									
614.8	755.5	ANDESITE LAPILLI TUFF - Hematized. Dark maroon ANDESITE TUFF and lesser light grey DACITE TUFF angular to subround clasts supported by dark maroon fine - grained andesitic matrix. Strong pervasive hematization. Carbonatized matrix. Carbonate veinlets and carbonate-quartz+/-chlorite veins at CA 10 drg - 70 drg. Good core recovery and fair RQD. Blocky core at 614.8 - 615.7, 628.4 - 629.8. 614.8 615.7 CARBONATE - quartz - chlorite vein at CA 80 drg. 631.8 635.8 ABXH As above, with larger clasts. 644.7 647.4 ABXH As above, with larger clasts. 654.3 657.6 ANDESITE BRECCIA - Chloritized. As above with carbonate - quartz -									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		carbonate veins at CA 40 drg.									
	668.2	670.8 DBXH Large light grey DACITE TUFF clasts present.									
	718.3	724.0 ANDESITE BRECCIA - Hematized. Red (hematized ANDESITE TUFF) angular clasts supported by dark maroon fine-grained matrix. Carbonatized matrix. Strong pervasive hematization. Carbonate veinlets and carbonate-quartz veins at CA 40 drg - 70 drg.									
	726.2	726.5 Vein: Carbonate-quartz-chlorite-epidote.									
	738.0	739.0 ANDESITE BRECCIA - Hematized. As above. Dacite clasts. Some clasts hve black (Fe-rich) chlorite. Carbonate veins/veinlets at CA 40 drg - 70 drg.									
	742.7	744.1 ANDESITE BRECCIA - Hematized. As above. ANDESITE TUFF and DACITE TUFF angular to subround clasts supported by dark greenish-grey very fine-grained-aphanitic andesitic matrix.									
755.5	759.5	DACITE BRECCIA DACITE BRECCIA Large greyish DACITE TUFF clasts supported by red to maroon fine-grained ANDESITE TUFF matrix. Moderate patchy hematization. Moderately carbonatized matrix. No veins / veinlets. Excellent core recovery and RQD.									
759.5	778.5	ANDESITE LAPILLI TUFF - Hematized. Reddish-brown. ANDESITE TUFF -hematized and lesser light grey DACITE TUFF angular to subround clasts supported by maroon fine-grained andesitic matrix. Moderate pervasive hematization. Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 45 drg - 80 drg. Very good core recovery and good RQD.									
778.5	783.7	ANDESITE LAPILLI TUFF									
783.7	791.9	ANDESITE FELDSPAR PORPHYRY - TUFF. Dark maroon with white subhedral phenocrysts (feldspar?) and rare red angular									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		ANDESITE TUFF clasts. Moderate to strong pervasive hematization. Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 20 drg - 80 drg. Rare white sercitized quartz-rich clasts. Very good core recovery and good RQD.									
791.9	796.6	ANDESITE LAPILLI TUFF Chloritized Dark green angular to subround ATFC clasts supported by light green chloritic andesitic matrix. Hard silicified rock. Moderate pervasive chloritization. Slickensides at 795.0 - 795.5. Weak ly carbonatized. Carbonate vienlets and quartz - carbonate - chlorite veins at CA 15 drg - 90 drg. Sharp upper (upper 20drg) and lower (CA 70drg) contaots. Very good core recovery and good RQD.									
796.6	818.8	ANDESITE FELDSPAR PORPHYRY Dark maroon -purple matrix with white (feldspar) phenocrysts. Strong pervasive hematization. Carbonatized matrix. Carbonate veinlets and carbonate -quartz veins at CA 20 drg - 70 drg. Blocky core at 816.5 - 818.8. 800.5 801.0 Carbenate - quartz - chlorite - sercite vein at CA 80 drg. Slightly vuggy. 806.3 806.4 Brecciated section.									
818.8	828.1	DACITE BRECCIA Light grey angular to subround DACITE TUFF clasts supporting dark maroon fine - grained aphanitic matrix. White subhedral feldspar phenocrysts. Moderately carbonatized matrix. Rare carbonate veins and wisps (veins at CA 40 drg). Very good core recovery and good RQD. Blocky core at 821.1 - 821.5.									
828.1	893.0	ANDESITE FELDSPAR PORPHYRY Light maroon ANDESITE TUFF and lesser light grey DACITE TUFF angular to subround clasts supported by a dark maroon fine-grained aphanitic andesitic matrix. Moderate to strong pervasive hematization. Carbonatized matrix. White carbonatized subhedral phenocrysts (originally, plagioclase laths?). Rare carbonate vienlets and carbonate-quartz veins at									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		CA 30 drg - 70 drg. Slickensides at 837.4. Excellent core recovery. Very good Rqd.									
893.0	920.5	ANDESITE LAPILLI TUFF ANDESITE LAPILLI TUFF. Hematized. Red brown ATFH and lesser light grey DACITE TUFF angular to subround clasts supported by dark maroon fine - grained aphanitic matrix. Moderate to strong pervasive hematization. Carbonatized matrix and amygdules. Carbonate veinlets (network) and carbonate - quartz +/- chlorite +/- epidote (?) viens at CA 25 drg - 80 drg. Good core recovery. Core loss at 885.6 - 895.4. Blocky core at 892.3 - 895.5. 907.0 914.4 ABXR As above, with larger ANDESITE BRECCIA clasts.									
920.5	924.7	ANDESITE BRECCIA Light maroon ANDESITE TUFF and light grey DACITE TUFF angular to subround clasts supported by dark maroon fine - grained aphanitic andesitic matrix. Leucocratic hard and silicified (924.1 - 924 7). Carbonatized matrix. Carbonate veinlets (network) and carbonate - quartz +/- chlorite (CA 20 drg - 65 drg). Very good core recovery. Good RQD.									
924.7	933.8	ANDESITE AUGITE LAPILLI TUFF Light maroon - purple ANDESITE AUGITE LAPILLI TUFF, light maroon ANDESITE AUGITE TUFF and lesser greyish green altered ANDESITE AUGITE TUFF angular to subround clasts up to 0.8'dia. Supporting dark maroon - purple fine - grained aphanitic matrix. Black euhedral black 90 drg cleavage (augite pyroxene?) and 26 drg - 156 drg cleavage (amphibole?) phenocrysts, especially noticeable at sharp lower (CA 80 drg) contact. Moderate to strong patchy hematization. Chloritized (+sercitized?) clasts at 925.4 - 926.0. Jasperoid fragments. Strongly carbonatized matrix. Rare carbonate veinlets at CA 20 drg. Slickensides at 931.5. (CA 30 fracture. Slickensides at CA 70 drg). No mineralization. Very good core recovery and Good RQD.	40803	933.0	936.0	3.0	n/a	n/a	n/a	n/a	.01
933.8	937.2	ANDESITE TUFF - SILICIFIED. Light grey fine - grained aphanitic	40804	936.0	942.0	6.0	n/a	n/a	n/a	n/a	.09

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		ash tuff supporting rare dark grey ANDESITE TUFF and dark maroon - red jasperoid angular to subround clasts. Matrix is leucocratic, hard and smooth (silicification?). Matrix yields negative K-spar stain test. Moderately carbonatized. Rare carbonate veinlets and carbonate - quartz - black chlorite veins at CA 70 - 80 drg. Very good core recovery and good RQD. Not ATFC as in Holes NS-90-7, 9.									
		936.7 937.2 ATFC as above, weakly chloritized. Similar to markers in Holes NS-90-7, 9.									
937.2	967.1	QUARTZ BRECCIA EXHALITE									
		Light grey to white quartz rich, barite and carbonate poor exhalite with abundant suplphides (~5% pyrite, 2% sphalerite, 1% chalcopyrite, trace galena, overall). Trace ruby silver at 943.6, 944.5. Pyrite and other sulphides occur as blebs (segregation), veinlets-fillings, quartz-carbonate vein selvages and disseminations. Some carbonate veinlets, at CA 55drg - 90 drg. Sulphide vein at 945.0 at Ca 55 drg. Carbonate - chalcodony -chl. Vein at CA 45 drg. Rare exptic clasts (chert?) at 949.7. Best interval (954.9 -955.9) : 5% pyrite, 3% sphalerite, 2% chalcopyrite, 1% galena. Good core recovery (core loss at 954.5 - 946,3) and good RQD despite brecciated appearance. 'Upper' exhalite.	40805	942.0	948.0	6.0	n/a	n/a	n/a	n/a	.73
			40806	948.0	951.0	3.0	n/a	n/a	n/a	n/a	.31
			40807	951.0	954.0	3.0	n/a	n/a	n/a	n/a	.65
			40808	954.0	955.5	1.5	n/a	n/a	n/a	n/a	1.35
			40809	955.5	957.0	1.5	n/a	n/a	n/a	n/a	.30
			40810	957.0	958.5	1.5	n/a	n/a	n/a	n/a	.14
			40811	958.5	960.0	1.5	n/a	n/a	n/a	n/a	.08
			40812	960.0	963.0	3.0	n/a	n/a	n/a	n/a	.17
			40813	963.0	964.5	1.5	n/a	n/a	n/a	n/a	.26
			40814	964.5	967.1	2.6	n/a	n/a	n/a	n/a	.22
967.1	991.4	ANDESITE TUFF									
		967.1.0 ANDESITE TUFF - CHLORITIZED. Pyritized medium to dark green fine-grained aphanitic tuffaceous matrix cut by network (stockwork?) of carbonate - chalcedeny +/- chlorite +/- pyrite veins / veinlets. Strong pervasive chloritization. Possible weak silicification. Moderately carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- chlorite veins at CA 5 drg - 85 drg (mostly CA 40 drg - 60 drg). Vein / veinlet controlled sulphide disribution (1% pyrite, 0.5% sphalerite, 0.5% chalcopyrite, trace galena, over all. Very good core recovery. Good RQD.	40815	967.1	972.0	4.9	n/a	n/a	n/a	n/a	.02
			40816	972.0	975.0	3.0	n/a	n/a	n/a	n/a	.10
			40817	975.0	978.0	3.0	n/a	n/a	n/a	n/a	.09
			40818	978.0	979.7	1.7	n/a	n/a	n/a	n/a	.09
			40819	979.7	980.7	1.0	n/a	n/a	n/a	n/a	.11
			40820	980.7	984.0	3.3	n/a	n/a	n/a	n/a	.07
			40821	984.0	987.0	3.0	n/a	n/a	n/a	n/a	.10
			40822	987.0	990.0	3.0	n/a	n/a	n/a	n/a	.13
			40823	990.0	993.0	3.0	n/a	n/a	n/a	n/a	.08
		979.9 980.7 ANDESITE BRECCIA -CHLORITIZED. Dark grey-black ATFC angular clasts supported by white quartz vein and									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		lighter grey matrix. Sulphide - bearing ATFC clasts and sulphide clasts contain pyrite, chalcopyrite, sphalerite.									
991.4	992.7	DACITE TUFF - Chloritized. Light greyish green fine - grained aphanitic ash tuff. Weak pervasive chloritization. Hard (may be DTFC). Very weakly carbonatized. No veins / veinlets. Fine black subhedral to euhedral (augite pyroxene and/or amphibole) phenocrysts. Excellent core recovery and RQD.									
992.7	1006.0	ANDESITE BRECCIA - Pyrite. Black - green ANDESITE TUFF or BASALT TUFF angular to subround clasts up to 12 cm dis. Supported by light greyisn - green fine - grained aphanitic andesitic (?) matrix. Brecciatied texture. Weak to moderate pervasive chloritization. Carbonatized matrix. Carbonate veinlets and carbonate - chalcedony veins at CA 50 drg - 80 drg. Ubiquitous disseminated pyrite and rare pyrite blebs (2% pyrite, overall). Trace chalcopyrite and spalerite. Very good core recovery. Good core recovery. Good RQD.	40824 40825 40826 40827 40828	993.0 996.0 999.0 1002.0 1005.0	996.0 999.0 1002.0 1005.0 1008.0	3.0 3.0 3.0 3.0 3.0	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	.11 .09 .19 .08 .30
1006.0	1022.5	QUARTZ BRECCIA EXHALITE Light grey-white rock composed of chalcedony quartz and chert with slight brecciated appearance. Negative K-spar staining at 1012.7 - 1013.0. No carbonate of barite in matrix. Rare exotic clasts (chert? at 1006.8). Chalcedony - carbonate +/- chlorite veins at CA 55 drg - 85 drg. Strongly pyritized with fracture-related (CA 45 drg) pyrite, blebs (segregations) and disseminations. Chalcopyrite-rich zone at 1017.0 -1018.0. Ruby-silver (pyragyrite - proustite S.S.) at 1018.7 (CA 70 drg fracture), 1019.5 - 1020.0. Overall ore mineral content: pyrite(7%), chalcopyrite(2%J), sphalerite(1%), ruby sliver (0.25%). Best intervals: 1017.0 - 1018.0; chalcopyrite(6%), pyrite(4%): 1010.0 - 1011.0; pyrite(4%), sphalerite(3%); 1019.0 - 1020.0; pyrite(4%0), ruby silver(1%), chalcopyrite(0.5%). Excellent core recovery. Fair RQD. 1012.0 1013.0 ALTC Green fine-grained aphanitic matrix supporting dark green ATFC	40829 40830 40831 40832 40833 40834	1008.0 1011.0 1014.0 1017.0 1018.5 1020.0	1011.0 1014.0 1017.0 1018.5 1020.0 1022.5	3.0 3.0 3.0 1.5 1.5 2.5	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a n/a	.25 .09 .45 2.79 .65 .82

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		clasts. Negative K-stain test.									
1022.5	1051.2	ANDESITE BRECCIA - CHLORITE. Light to dark green angular clasts separated by zoned veins / veinlets at CA 20drg - 60 drg with chalcedony-carbonate cores and black chlorite selvages rimmed sometimes by pyrite. Moderate(1022.5 -1028.0) to strong (1028.0 - 1039.3) pervasive chloritization. Matrix not carbonatized. Carbonate veinlets at CA 35 drg - 80 drg (generally) exhibit tight to open ptygmatic folding throughout this unit. Very good core recovery. Blocky core at 1042.4 - 1048.9. 1047.9 1049.6 DTFC clasts. Pyritic. 1047.9 1049.6 DACITE TUFF clast. Bleached appearance (light or apple green).	40835	1022.5	1026.0	3.5	n/a	n/a	n/a	n/a	.06
			40836	1026.0	1029.0	3.0	n/a	n/a	n/a	n/a	.05
			40837	1029.0	1032.0	3.0	n/a	n/a	n/a	n/a	.03
			40838	1032.0	1035.0	3.0	n/a	n/a	n/a	n/a	.05
			40839	1035.0	1038.0	3.0	n/a	n/a	n/a	n/a	.05
			40840	1038.0	1041.0	3.0	n/a	n/a	n/a	n/a	.05
			40841	1041.0	1047.0	6.0	n/a	n/a	n/a	n/a	.13
			40842	1047.0	1051.2	4.2	n/a	n/a	n/a	n/a	.08
1051.2	1061.7	EXHALATIVE QUARTZ-CALCITE BRECCIA Light grey (DACITE TUFF), light green (chloritized quartzose fragment?), black (chert?), rose (quartz) and other exotic angular clasts supported by white to light grey chalcedonic - carbonate matrix. No barite seen. Non - magnetic. Abundant(5-7%) pyrite and vein fillings, blebs and disseminations. Chalcopyrite blebs(1%) and sphalerite blebs(1%) also present. Excellent core recovery and good RQD. More carbonatized than 'upper' two exhalites.	40843	1051.2	1052.5	1.3	n/a	n/a	n/a	n/a	.07
			40844	1052.5	1054.0	1.5	n/a	n/a	n/a	n/a	.27
			40845	1054.0	1055.2	1.2	n/a	n/a	n/a	n/a	.66
			40846	1055.2	1057.0	1.8	n/a	n/a	n/a	n/a	.18
			40847	1057.0	1058.5	1.5	n/a	n/a	n/a	n/a	.33
			40848	1058.5	1060.0	1.5	n/a	n/a	n/a	n/a	.21
			40849	1060.0	1061.7	1.7	n/a	n/a	n/a	n/a	.44
1061.7	1164.1	ANDESITE TUFF - CHLORITIZED. Medium to dark green fine - grained to medium grained phaneritic to porphyrytic (black sbhedral pyroxene phenocrysts?) with rare dark green angular clasts. Moderate to strong pervasive chloritization. Carbonatized throughout. Weak K-stain(low K-spar content). Carbonate veinlets and corbonate - chalcedony +/- chlorite +/- pyrite veins at CA 30 drg - 80 drg. (vein at 1072.2 contains purple hematite. Pyrite vein-fillings blebs and disseminations(1%). No other sulphides seen. Very good core recovery. Fair RQD. Blocky core at 1077.7 - 1079.8, 1080.7 - 1083.1, 1090.0 - 1091.2, 1096.6 - 1099.6, 1101.0 - 1105.1, 1110.5 - 1113.1, 1160.0 - 1162.5. Magnetic sus. = 0.02 - 0.04. 1091.1 1091.4 ANDESITE BRECCIA - Chloritized. Green angular clasts.	40850	1061.7	1063.0	1.3	n/a	n/a	n/a	n/a	.04
			40851	1063.0	1066.0	3.0	n/a	n/a	n/a	n/a	.04
			40852	1066.0	1069.0	3.0	n/a	n/a	n/a	n/a	.05
			40853	1069.0	1072.0	3.0	n/a	n/a	n/a	n/a	.05
			40854	1072.0	1075.0	3.0	n/a	n/a	n/a	n/a	.04
			40855	1075.0	1081.0	6.0	n/a	n/a	n/a	n/a	.03
			40856	1081.0	1087.0	6.0	n/a	n/a	n/a	n/a	.01
			40857	1087.0	1093.0	6.0	n/a	n/a	n/a	n/a	.01
			40858	1093.0	1100.0	7.0	n/a	n/a	n/a	n/a	.04

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
	1126.5	1127.1 Chalcedony - carbonate - chlorite - pyrite veins. Some chalcopyrite.									
	1153.6	1154.0 ANDESITE BRECCIA Chloritized. Green angular clasts. Chalcedony-carbonate-chlorite veins at CA 20 drg.									
	1162.5	1164.1 Chalcedony-carbonate-light yellowish fine gnained mineral vein at CA 0 drg - 5 drg. Magnetic susc. = 0.8 - 1.4.									
1164.1	1258.0	ANDESITE LAPILLI TUFF - Chloritized. Dark green ATFC angular to subround clasts supported by lighter green fine-grained matrix. MAGNETIC (mag susceptibility= 0.05 - 0.10). Moderate to strong pervasive chloritization. Moderately carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- black chlorite +/- pyrite veins at CA 50 drg - 80 drg. Pyrite in veinlets (CA 40 drg - 60 drg), blebs, disseminations (1%, overall content). Disseminated magnetite may be responsible for higher mag. Susceptibilities. Good core recovery (core loss at 1190.84 - 1200.48, 1220.46 - 1230). Fair RQD (Blocky core at 1185.9 - 1188.2, 1191.4 - 1193.1). Weak K-stain test. Pyritic at lower contact.									
	1205.2	1205.6 QUARTZ BRECCIA EXHALITE Pyritized carbonate-rich quartz breccia. Sharp upper(CA 20 drg) and lower (CA 50 drg) contacts. Excellent core recovery and RQD.									
1258.0	1292.8	DACITE BRECCIA - (Chloritized). Light green hard K-spar rich(stain) fine-grained aphanitic matrix supporting rare darker greeen DACITE TUFF and light grey-maroon ANDESITE TUFF angular to subround clasts. Mag. Susceptibility is low (0.01 - 0.03). Weak to moderate patchy chloritization. Carbonatized matrix (moderately). Rare carbonate veinlets and carbonate - quartz +/- chlorite +/- pyrite veins at CA 30 drg - 85 drg. Pyrite (0.5%) as veinlet-fillings. Possible trace sphalerite with pyrite. Very good core recovery. Good RQD.									
1292.8	1294.1	QUARTZ BRECCIA EXHALITE									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		Light grey with light green angular clasts, pyritic blebs. Chalcedonic matrix. High mag. Susceptibility (0.10, - 0.12). Carbonate veinlet network. Approx. 2% pyrite as blebs, fracture fillings. No barite observed. Excellent core recovery. Very good RQD.									
1294.1	1323.5	ANDESITE BRECCIA - chloritized. Light green ANDESITE TUFF angular clasts supported by medium to dark green fine-grained aphanitic matrix. Mag. Susceptibility higher, high relief (0.03 - 1.10). Moderate to strong pervasive chloritization. Carbonatized matrix. Carbonate veinlets and carbonate - quartz +/- pyrite (0.25%) veins at CA 35 drg - 90 drg. Slickensides at Ca 30 drg along fracture at CA 0 drg at 1304.0 - 1304.5. Very good core recovery. Good RQD. Blocky core at CA 0 drg at 1304.0 - 1306.0, 1307.4 - 1310.6, 1222.0 - 1223.5.									
1323.5	1328.4	QUARTZ BRECCIA EXHALITE Light grey with light green angular clasts supported by matrix(lower section) or by clasts (upper section). Weak patchy chloritization in upper section (1221.3 - 1223.5). Pyritic veinlets (2-3% overall) and weak stockwork (CA 35 drg, 75 drg at 1225.0). Low mag. Susceptibility(0.0 - 0.1).									
1328.4	1342.2	ANDESITE BRECCIA (Chloritized). As above. Veins / veinlets at CA 60 drg - 80 drg. Blocky core throughout. Poor core recovery at 1328.4 - 1338.2. Weak K-stain.									
1342.2	1343.9	QUARTZ BRECCIA EXHALITE Light grey (chalcedonic?) to dark grey (cherty?) matrix with light grey DACITE TUFF and light green ANDESITE TUFF angular clasts supported by matrix. Chert fragment (black) present. Excellent core recovery adn RQD. Carbonatized.									
1343.9	1377.6	DACITE BRECCIA - Chloritized. Light green DACITE TUFF fine-grained aphanitic matrix supports rare dark green ANDESITE TUFF angular clasts. Moderate to strong patchy chloritization. Carbonatized matrix.									

INTERVAL (ft): From:	To:	DESCRIPTION	Sample No.	From (ft)	To (ft)	Inter-val (ft)	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T
		Carbonate veinlets and carbonate-quartz veins at CA 60 drg - 70 drg. Moderate K-stain. Variable strong mag. Susceptibility (0.03 in matrix, equal to or greater than 2.3 in magneite-rich (?) dark green clasts at end of hole. Very good core recovery. Good RQD.									
1377.6		END OF HOLE									

DOLLY VARDEN MINERALS INC. DIAMOND DRILL LOG Hole No.: NS90-11 PAGE: 1 of

Hole No: NS90-11 Azimuth: 235.0 Core Size: BD-BGM

Project: NORTH STAR Dip: -50.0 Contractor: J.T. THOMAS

Property: DOLLY VARDEN Length (ft): 1377.60 Started: JUNE 20 1990

Claim: SPORTSMAN Elevation (ft) 2050.00 Completed: JUNE 24-1990

Co-ords: N: 6075.00 Comments: SITE #2 Logged By: D HALLIWELL
E: 6065.00 Date Logged: JUNE 1990

BOREHOLE TESTS:

Depth	Azimuth	Dip	Depth	Azimuth	Dip
0	235.0	-50.0			
220.0	234.0	-50.0	820.0	237.0	-52.0
420.0	234.0	-51.0	1025.0	238.0	-52.0
620.0	235.0	-51.0	1390.0	243.0	-53.0

Sample No.	From (ft)	To (ft)	Interval (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mn ppm	Fe %	As ppm	Sr ppm	Cd ppm	Sb ppm	Ca %	Mg %	Ba ppm	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T	Au Oz/T
40803	933.0	936.0	3.0	3	16	19	113	.5	2508	2.40	8	164	1	2	5.82	.36	244	n/a	n/a	n/a	n/a	.0	.00
40804	936.0	942.0	6.0	9	169	131	2764	3.1	2103	5.19	37	95	24	8	4.36	.38	237	n/a	n/a	n/a	n/a	.1	.00
40805	942.0	948.0	6.0	5	5863	910	1472	23.7	1433	11.01	155	41	16	20	2.44	.15	108	n/a	n/a	n/a	n/a	.7	.00
40806	948.0	951.0	3.0	8	2681	1294	356	10.6	832	9.30	27	37	2	2	.84	.45	343	n/a	n/a	n/a	n/a	.3	.00
40807	951.0	954.0	3.0	27	7412	101	376	23.7	397	5.98	90	35	3	27	1.05	.02	22	n/a	n/a	n/a	n/a	.6	.01
40808	954.0	955.5	1.5	39	17894	170	326	51.8	588	8.15	102	43	5	46	1.67	.02	20	n/a	n/a	n/a	n/a	1.4	.02
40809	955.5	957.0	1.5	9	4363	661	917	11.3	2265	10.90	135	94	9	13	3.61	.36	127	n/a	n/a	n/a	n/a	.3	.01
40810	957.0	958.5	1.5	13	168	162	361	4.5	1793	11.06	43	61	2	5	2.48	.40	128	n/a	n/a	n/a	n/a	.1	.00
40811	958.5	960.0	1.5	4	26	61	268	2.2	1775	10.37	29	50	1	5	2.16	.55	178	n/a	n/a	n/a	n/a	.1	.00
40812	960.0	963.0	3.0	14	69	271	2624	5.3	1509	11.34	72	52	18	8	2.72	.15	110	n/a	n/a	n/a	n/a	.2	.00
40813	963.0	964.5	1.5	327	358	649	1340	10.7	722	15.69	151	41	9	28	1.29	.34	176	n/a	n/a	n/a	n/a	.3	.00
40814	964.5	967.1	2.6	4	85	187	354	5.3	520	15.96	51	38	2	6	.84	.29	131	n/a	n/a	n/a	n/a	.2	.00
40815	967.1	972.0	4.9	1	37	33	186	.8	2594	6.75	17	95	1	2	3.10	2.01	226	n/a	n/a	n/a	n/a	.0	.00
40816	972.0	975.0	3.0	1	422	114	450	2.5	3300	11.33	17	67	2	2	2.31	2.55	197	n/a	n/a	n/a	n/a	.1	.00
40817	975.0	978.0	3.0	1	289	124	499	2.1	3389	12.41	23	59	3	2	1.41	2.77	288	n/a	n/a	n/a	n/a	.1	.00
40818	978.0	979.7	1.7	1	259	386	808	2.0	2992	10.90	14	52	7	2	.91	2.90	263	n/a	n/a	n/a	n/a	.1	.00
40819	979.7	980.7	1.0	1	814	84	289	3.0	3408	8.19	17	59	2	5	4.39	1.79	192	n/a	n/a	n/a	n/a	.1	.00
40820	980.7	984.0	3.3	1	107	78	381	1.9	3671	15.16	17	46	2	2	1.31	3.39	300	n/a	n/a	n/a	n/a	.1	.00
40821	984.0	987.0	3.0	1	580	687	318	3.4	2479	9.31	18	61	2	5	2.10	2.16	266	n/a	n/a	n/a	n/a	.1	.00
40822	987.0	990.0	3.0	1	1451	213	423	6.0	3376	10.39	21	80	3	7	4.04	2.25	165	n/a	n/a	n/a	n/a	.1	.00
40823	990.0	993.0	3.0	1	379	98	456	3.0	2559	8.68	14	83	4	9	3.54	1.92	245	n/a	n/a	n/a	n/a	.1	.00
40824	993.0	996.0	3.0	1	255	117	496	2.9	3575	13.07	12	74	3	2	4.22	2.57	329	n/a	n/a	n/a	n/a	.1	.00
40825	996.0	999.0	3.0	1	393	97	448	2.9	3320	12.67	16	58	3	2	3.04	2.73	309	n/a	n/a	n/a	n/a	.1	.00
40826	999.0	1002.0	3.0	1	1688	164	469	4.8	3116	13.10	22	51	4	3	1.96	2.77	192	n/a	n/a	n/a	n/a	.2	.00
40827	1002.0	1005.0	3.0	2	22	158	566	2.3	3151	13.04	22	60	5	2	1.59	2.95	115	n/a	n/a	n/a	n/a	.1	.00
40828	1005.0	1008.0	3.0	2	875	636	543	9.3	1252	11.90	75	46	5	6	1.33	.78	231	n/a	n/a	n/a	n/a	.3	.00
40829	1008.0	1011.0	3.0	3	202	562	498	7.8	346	8.51	86	32	3	4	.85	.06	52	n/a	n/a	n/a	n/a	.3	.00
40838	1011.0	1014.0	3.0	2	130	540	698	5.0	729	8.26	54	65	4	4	1.44	.39	267	n/a	n/a	n/a	n/a	.1	.00
40831	1014.0	1017.0	3.0	7	1792	1274	555	20.0	113	10.26	105	21	3	20	.38	.02	51	n/a	n/a	n/a	n/a	.4	.01
40832	1017.0	1018.5	1.5	4	38450	374	893	108.9	77	11.30	46	19	10	113	.15	.02	46	n/a	n/a	n/a	n/a	2.8	.05
40833	1018.5	1020.0	1.5	6	3433	708	213	33.1	135	5.20	47	29	2	37	.26	.02	25	n/a	n/a	n/a	n/a	.6	.00
40834	1020.0	1022.5	2.5	20	1138	534	1922	40.4	517	7.27	133	65	15	52	1.62	.03	36	n/a	n/a	n/a	n/a	.8	.00
40835	1022.5	1026.0	3.5	2	44	168	235	2.6	1677	4.05	169	119	1	6	3.00	.41	92	n/a	n/a	n/a	n/a	.1	.00
40836	1026.0	1029.0	3.0	1	30	55	681	1.4	2515	5.00	21	121	9	3	3.12	1.22	157	n/a	n/a	n/a	n/a	.1	.00
40837	1029.0	1032.0	3.0	1	83	76	248	1.5	2989	7.05	57	99	1	6	2.50	1.89	142	n/a	n/a	n/a	n/a	.0	.00
40838	1032.0	1035.0	3.0	1	101	44	280	2.0	2528	8.01	60	78	1	7	1.64	2.00	128	n/a	n/a	n/a	n/a	.1	.00

Sample No.	From (ft)	To (ft)	Inter-val (m)	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Mn ppm	Fe %	As ppm	Sr ppm	Cd ppm	Sb ppm	Ca %	Mg %	Ba ppm	Au ppb	Cu %	Pb %	Zn %	Ag Oz/T	Au Oz/T
40839	1035.0	1038.0	3.0	3	98	92	406	2.3	2489	7.93	38	82	2	9	1.79	1.78	159	n/a	n/a	n/a	n/a	.1	.00
40840	1038.0	1041.0	3.0	3	46	238	365	2.8	2461	8.22	43	75	2	9	1.45	1.81	137	n/a	n/a	n/a	n/a	.1	.00
40841	1041.0	1047.0	6.0	4	192	421	799	4.4	2846	6.13	66	243	6	8	4.65	.89	97	n/a	n/a	n/a	n/a	.1	.00
40842	1047.0	1051.2	4.2	4	65	198	1190	4.4	1062	4.38	120	98	12	10	1.79	.58	62	n/a	n/a	n/a	n/a	.1	.00
40843	1051.2	1052.5	1.3	3	72	522	3801	4.0	2431	3.91	56	153	15	8	6.89	.07	46	n/a	n/a	n/a	n/a	.1	.00
40844	1052.5	1054.0	1.5	10	2148	1121	7327	13.7	1507	15.06	106	96	25	45	4.08	.02	15	n/a	n/a	n/a	n/a	.3	.01
40845	1054.0	1055.2	1.2	34	1353	1198	7107	28.4	1640	17.28	172	71	30	117	5.11	.03	72	n/a	n/a	n/a	n/a	.7	.01
40846	1055.2	1057.0	1.8	3	3413	292	999	11.3	2445	8.88	53	77	6	10	3.39	1.23	281	n/a	n/a	n/a	n/a	.2	.01
40847	1057.0	1058.5	1.5	2	6772	347	2202	18.7	4287	4.30	49	252	6	6	12.97	.20	55	n/a	n/a	n/a	n/a	.3	.01
40848	1058.5	1060.0	1.5	3	1393	527	1294	11.0	3035	7.83	76	158	7	7	6.42	.44	102	n/a	n/a	n/a	n/a	.2	.01
40849	1060.0	1061.7	1.7	8	3199	241	776	22.5	1900	6.23	89	130	4	12	3.90	.50	99	n/a	n/a	n/a	n/a	.4	.01
40850	1061.7	1063.0	1.3	1	32	74	288	2.0	1943	6.13	18	92	1	3	1.74	1.68	167	n/a	n/a	n/a	n/a	.0	.00
40851	1063.0	1066.0	3.0	1	28	62	312	2.8	2448	9.11	29	91	1	2	1.94	2.38	139	n/a	n/a	n/a	n/a	.0	.00
40852	1066.0	1089.0	3.0	1	30	36	444	1.2	2390	6.07	17	108	3	4	3.35	1.66	97	n/a	n/a	n/a	n/a	.1	.00
40853	1069.0	1072.0	3.0	1	16	25	242	1.0	2235	4.95	10	160	1	3	4.96	1.37	130	n/a	n/a	n/a	n/a	.1	.00
40854	1072.0	1075.0	3.0	1	8	108	667	.9	2230	4.04	27	174	2	4	6.16	1.24	152	n/a	n/a	n/a	n/a	.0	.00
40855	1075.0	1081.0	6.0	1	12	159	959	1.1	1976	5.43	19	161	3	5	4.49	1.58	107	n/a	n/a	n/a	n/a	.0	.00
40856	1081.0	1087.0	6.0	1	4	16	283	.4	1847	5.20	13	129	1	2	3.53	1.74	144	n/a	n/a	n/a	n/a	.0	.00
40857	1087.0	1093.0	6.0	4	38	37	246	1.0	2082	4.84	17	174	1	4	4.36	1.38	154	n/a	n/a	n/a	n/a	.0	.00
40858	1093.0	1100.0	7.0	4	810	37	169	2.9	1715	5.33	69	143	1	9	4.34	1.22	139	n/a	n/a	n/a	n/a	.0	.00