

Velvet 82F/4W
822943

HOLE NUMBER: VEL-01

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS:

METRIC UNITS: X

PROJECT NAME: VELVET
PROJECT NUMBER: 659
CLAIM NUMBER:
LOCATION:

PLOTTING COORDS GRID:
NORTH: 75.00N
EAST: 85.00W
ELEV: 1085.00

ALTERNATE COORDS GRID:
NORTH: 0+ 0
EAST: 0+ 0
ELEV: 0.00

COLLAR DIP: -45° 0' 0"
LENGTH OF THE HOLE: 251.50m
START DEPTH: 0.00m
FINAL DEPTH: 251.50m

COLLAR GRID AZIMUTH: 90° 0' 0"

COLLAR ASTRONOMIC AZIMUTH: ° ' "

DATE STARTED: October 1, 1989
DATE COMPLETED: October 5, 1989
DATE LOGGED: October 2, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: YES
HOLE SIZE: NQ

CONTRACTOR: Lone Ranger
CASING: 3.0 m
CORE STORAGE: Bob Voight's property

PURPOSE: To test the Velvet vein near the 705 stope area and any veins to the east of it.

DIRECTIONAL DATA:

Depth (m)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (m)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
96.30	-	-44° 0'	ACID	OK		-	-	-	-	-	
169.50	-	-45° 0'	ACID	OK		-	-	-	-	-	
200.00	-	-44° 0'	ACID	OK		-	-	-	-	-	
251.50	-	-45° 0'	ACID	OK		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.00	«CASING»					
3.00 TO 17.50	«MONZONITE»	<p>Colour: pale grey Grain Size: medium grained -massive, fresh intrusive 50-60% sub-euhedral white feldspars, <1 - 4 mm in size, average 2 mm; 5-10% fine mafics; 35-40% fine grained pale grey gmass -feldspars may be zoned -weakly magnetic</p>		<p>-weak ep. alteration increasing downwards to lower contact (as irreg. patches veinlets and replacing feldsp) -very minor irregular late fng dark grey alt'n envelopes to 1 cm in width (less than 1% of interval) 17.48-17.50 -2 cm silic, carb altered zone above contact</p>		<p>3.0-8.6 Box 1 3.0-7.0 -broken core: 60% recovery 8.6-14.0 Box 2 7.0-17.5 -good core: 95% recovery 14.0-19.5 Box 3</p>
17.50 TO 19.50	«LAMP DYKE»	<p>Colour: dark grey Grain Size: fine -massive, fresh dike, 15-20% subeuhedral px (avg 2 mm), 10% white subhedral feldsp (avg 1mm) in fng dark grey gmass -sharp contact above and below -upper contact -weakly magnetic</p>	90			<p>17.5-19.5 -massive core, v. good recovery: >95%</p>
19.50 TO 22.20	«MONZONITE»	<p>Colour: med grey Grain Size: medium -massive weakly altered monzonite intrusive as in 3.0-17.5</p>		<p>-patchy weak hem-ep alteration (hem matrix, ep feldspars) -v. minor qtz and cc stringers</p>		<p>19.5-23.5 Box 4 19.5-22.2 -massive core, >95% recovery</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		locally contains 15-20% anhedral px phenos, weak banding d.t. alteration -contain indistinct intervals of coarser grained intrusive, resembling monzonite -contacts gradational -non magnetic banding	60	-minor carb veining		-core broken but good recovery 90%
45.90 TO 52.90	«MONZONITE»	Colour: pale grey Grain Size: medium 45.9-50.0 -massive fresh monzonite as in 3.0-17.5 50.0-51.3 -gradational contact into dark grey, fng -weakly feldsp phyric volc? or alt'd monz? -resembles unit in 43.3-45.9 -non magnetic 51.3-52.9 -gradational contact into unalt'd monzonite		45.9-50.0 -weak ep alteration 50.0-51.3 -weak ep alteration -mod carb alteration as stringers -weak pervasive chl alteration and silic'n 51.3-52.9 -weak ep, silc, carb		45.9-50.6 -good massive core, recovery >95% 46.9-52.8 Box 9 50.6-50.9 -60% recovery 50.9-52.9 -90% recovery
52.90 TO 53.60	«MAFIC DYKE»	Colour: dark grey green Grain Size: fine -fine grained mafic volc (andesite) - may be weakly px-felds phyric (1 mm) weak banding d.t. colour variation banding sharp irreg. contact	50 60			52.9-53.6 -massive core >95% recov. 52.8-57.8 Box 10
53.60 TO 84.50	«MONZONITE»	Colour: grey Grain Size: medium 53.6-56.4 -monzonite as before but with 30% dark grey bands, as alteration envelopes adjacent to fracs (to .5		‡53.6-77.5‡ «mod-strong ep alt'n» 53.6-56.4 -mod ep alteration as veinlets and repl felp, minor carb stringers	‡54.8-56.4‡ -«2% py, spec hem, mag, cpy»	53.6-60.0 -massive broken core 95% recov. -mineralization assoc. with fng, dark

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>cm wide) and as broad bands to 10 cm wide.</p> <p>banding</p> <p>56.4-59.8 -fine grained dark grey green altered monzonite?</p> <p>59.8-62.2 -monzonite - massive fresh as before</p> <p>62.2-62.5 -px phyrlic, altered monzonite -gradational into monzonite</p> <p>62.5-74.7 -massive fresh monzonite, 50-55% Kspar to 6 mm, avg 2 mm; 15-20% plag, avg 1 mm; 20% grey fng gmass. -same as monz above but less matrix</p> <p>74.7-77.5 -monzonite -mod altered with rem text visible - alteration gives weak banded appearance banding</p> <p>77.5-78.0 -v. fine grained grey-green m. volc?/alt'd monz</p> <p>78.0-84.5 -med grey monzonite as in 62.5-74.7</p>	60	<p>56.4-59.8 -mod ep and carb stringers</p> <p>59.8-62.2 -mod ep repl plag and as veinlets</p> <p>62.2-62.5 -mod ep/carb alteration</p> <p>62.5-74.7 -ep alteration -replacing plag and as narrow veinlets</p> <p>74.7-77.5 -mod strong ep alteration, replac fsp and as patches and veinlets -local pervasive hem alteration as irreg patches -minor carb veinlets</p> <p>78.0-84.5 -v. weak ep alteration -v. minor grey alteration envelopes on fracs</p>	<p>in narrow veinlets with ep and cc</p> <p>74.7-77.5 -1% py as irreg patches along fracs (with ep and cc)</p>	<p>grey alteration of monzonite</p> <p>57.8-63.4 Box 11</p> <p>60.0-65.8 -massive broken core, 90% recovery</p> <p>63.4-68.9 Box 12</p> <p>62.5-80.7 -massive core, exc recovery >95%</p> <p>68.9-74.6 Box 13</p> <p>74.6-80.3 Box 14</p> <p>80.3-85.8 Box 15</p> <p>80.7-81.2 -broken, 60% recovery</p> <p>81.2-84.5 -massive core, 95% recovery</p>
84.50 TO 85.10	«LAMP DYKE»	<p>Colour: dark grey green Grain Size: fine -15% fine mafics (px + bi) -10% fine feldspar in dark grey green mafic rich gmass</p> <p>sharp lower contact</p>	60	-v. minor carb stringers	-«5-10% fine diss py»	-80% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
85.10 TO 88.20	«MAFIC VOLC»	Colour: grey green Grain Size: fine -10% acicular px phenos to 3 mm, locally 10% fine feldspar phenos in fng gmass (Elise volcanics) sharp, irreg. lower contact	45		-minor py - disseminated with carb in stringers	85.8-91.4 Box 16
88.20 TO 98.80	«MONZONITE»	Colour: grey green Grain Size: medium -monzonite as in 62.5-74.7		-«mod ep alt'n», repl feldsp and as veinlets and patches -v. minor local hem alteration		88.2-98.8 -massive core, 95% recovery 91.4-97.0 Box 17
98.80 TO 114.70	«MAFIC VOLC»	Colour: dark grey green Grain Size: fine 98.8-104.0 -fng mafic volcanic, 20% anhedral px phenos avg 3 mm in fng dark grey-green gmass -locally fine feldspar phenos -mineralization bands 30-50 deg to c.a. 104.0-104.8 -gradational contacts into coarser grained monzonite (dyke?) 104.8-108.7 -px -phyric volc as above -mineralization 30-50 deg to c.a. ‡108.7-109.7‡ -«Fault Zone» -broken, bx volcanics in green gouge matrix		98.8-104.0 -mod-weak ep alteration -minor patchy pervasive hem alteration -weakl chl alteration 104.8-108.7 -weak - mod chl alteration	‡98.8-104.0‡ -«2% py, spec hem, mag» as frac controlled mineralized stringers and bands of massive mineralization to 8 cm ‡103.4-103.5‡ -10 cm sulph vein with 60% spec hem, 10% py, 2% cpy -«10 cm vein (spec hem, py, cpy)» ‡104.8-108.7‡ -«2% py, spec hem, mag» as frac controlled mineralization and bands to 1 cm -minor cpy 108.3 -also diss py	97.0-102.6 Box 18 98.8-104.0 -massive, broken core 85% recovery 104.0-104.8 -massive core, >95% recovery 104.8-108.7 -broken core, 85% recovery 102.6-108.0 Box 19 108.7-109.7 -v. broken core in fault 60% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		109.7-114.7 -px phyric mafic volcs as above -sharp irregular lower contact with med grained monzonite intrusive		109.7-114.7 -weak chl alteration, mod ep altering feldspars and as veinlets	{109.7-114.7} -«2-4% mag, spec hem>py>cpy» mainly as fract controlled bands to 1 cm width minor diss sulphides and irregular patches	109.7-114.7 -massive core, >95% recovery 108.0-113.5 Box 20
114.70 TO 123.90	«MONZONITE»	Colour: grey green Grain Size: medium 114.7-117.6 -50% of interval is good med gr monzonite as in 62.5-74.7 -other 50% is fng grey-green rx (alt'n of monz??) -contacts indistinct 117.6-123.4 -massive, med grained, monzonite as in 62.5-74.7 pale pink-green colour dt ep/hem alteration -weakly magnetic 123.4-123.9 -dark grey fng feldsp rich intrusive?, cut by fine network of black mineral (mag) -could be altered monzonite adjacent to dyke -Rx strongly magnetic		114.7-117.6 -mod ep alteration, local pervasive hem alteration and weak silic'n 117.6-123.4 -weak to mod ep alteration -mod hem alteration (matrix) -3 cm qtz bx interval at 130.8 m {123.4-123.9} -alteration adjacent to lamp dyke? -«cutting mag vnlt»	{114.7-117.6} «<1% strngs hem,cpy,py,mag» to 3 mm width 123.4-123.9 -minor py	113.5-119.3 Box 21 114.7-123.9 -massive core >95% recovery 119.3-125.1 Box 22
123.90 TO 125.00	«LAMP DYKE»	Colour: dark grey brown Grain Size: fine -10% biotite, avg 2 mm; 10% feldsp, avg 1 mm; in fng dark grey brown gmass. -fresh massive dyke -mod magnetic sharp contacts	70			123.9-125.0 -massive core, >95% recovery
125.00 TO 134.40	«MONZONITE»	Colour: grey green Grain Size: med 125.0-125.6		{125.0-125.6}	125.0-125.6	125.0-132.5

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>-dark grey fng feldsp rich intrusive cut by network of black (mag?) veinlets as in 123.4-123.9 -alteration adjacent to dike</p> <p>125.6-134.4 -med gr. monzonite as in 62.5-74.7 makes up 70% of interval, 30% of interval is fng grey rx as alteration envelopes avg 1 cm adjct to fractcs and as wider indistinct bands to 30 cm -gradational lower contact with volcanics</p>		<p>-«x-cutting mag vnlts» -alteration adjacent to dyke</p> <p>125.6-134.4 -mod ep alteration, local weak hem alteration of matrix -minor qtz-carb veinlets</p>	<p>-minor py and cpy</p> <p>{125.6-134.4} -2-3% narrow, irregular bands of mineralization spec hem > mag > py > cpy -bands to 4 cm width at 55 deg to c.a. -«2-3% sulphides»</p>	<p>-massive core, v. good recovery >95%</p> <p>125.1-130.5 Box 23</p> <p>132.5-134.4 -crushed core, v poor recov = 10%</p> <p>130.5-137.1 Box 24</p>
134.40 TO 162.50	«MAFIC VOLC S»	<p>Colour: grey green Grain Size: fine - medium -varies throughout interval between grey-green fine grained volcanic with 20% anhedral px phenos avg 3 mm and medium grained feldspar porphyritic volc/subvolcanic 40-50% anhedral feldsp, up to 20% px phenos in grey matrix (resembles monzonite but not as fresh looking) -contacts indistinct suggesting not monzonite dykes cutting volc but rather a phase of the volcs -this supported by the fact that the coarser sections are nonmagnetic, as are the finer volcanics, while the monzonite intrusives are weak to moderately magnetic mineralization 40-60 deg to c.a.</p>		<p>-mod ep alteration primarily along fraccs and as irregular patches - to a lesser extent replacing feldsp in coarser sections -minor carb stringers</p>	<p>{134.4-135.5} -5-10% of interval is bands of mineralization to 5 cm wide mag > hem > py >> cpy -«5-10% sulphides» {135.5-162.5} -<1% of interval is diss py and bands of mag > spec > py >> cpy to 1 cm wide -«<1% sulphides»</p>	<p>134.4-138.5 -massive, broken core 90% recovery</p> <p>138.5-162.5 -massive core, 95% recovery</p> <p>137.1-142.7 Box 25 142.7-148.4 Box 26 148.4-154.2 Box 27 154.2-160.0 Box 28 160.0-163.8 Box 29</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
162.50 TO 166.50	«SYENITE DY KE»	Colour: pink Grain Size: medium -15% white feldspar avg 3 mm; 20% mafics (bi + px) avg 2 mm in fng Kspar rich, pink matrix -moderately magnetic				162.5 -massive broken core 90% recovery
166.50 TO 220.50	«MONZONITE»	Colour: lt grey Grain Size: medium 165.5-167.3 -fng darker border phase -mod magnetic (maybe Elise volc wedge?) -very fng dark green matrix 167.3-220.5 -med gr. monzonite, 60% 1-6 mm fsp in a light grey matrix -mod magnetic		165.5-167.3 -fractures with epidote veinlets and blebs 167.3-220.5 -pervasive epidote replacement to fsp -small frags have fng dark margins at 40-60 deg to c.a. -occasional qtz veinlet	{165.5-167.3} -2% py as veinlets and blebs assoc. with ep as well as 2% spec hem up to 4-5 mm wide -«2% py vnlt, 2% spec hem» 167.3-220.5 -tr py as frags coatings throughout interval with minor hematite	
220.50 TO 232.20	«LAMP DYKES »	Colour: dark green Grain Size: fine -dark fng matrix -mod magnetic -some sections have 2 mm px xtals -20% and 2 mm fsp xtals -5% 227.3-228.7 -wedge of monzonite intruded by lamp dykes -contacts sharp irregular		-occasional epidote veinlets		
232.20 TO 251.50	«MONZONITE»	Colour: light grey Grain Size: medium -generally a fng matix with 60% 1-3 mm fsp -10% fractures with fng chloritic envelopes avg		-«10-15% epid» -also patches of hematite alteration	-avg tr dissemin pyrite in epidote veinlets	

HOLE NUMBER: VEL-01

MINNOVA INC.
DRILL HOLE RECORD

DATE: 13-February-1990

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
	E.O.H.	10 cm wide at 60 deg to c.a.		overprint	‡239.1-239.5‡ -avg «2% py, 1% spec hem» -minor hem in a chl frac zone	

HOLE NUMBER: VEL-01

DRILL HOLE RECORD

LOGGED BY: L. Lee

PAGE: 10

Sample	From (m)	To (m)	Length (m)	ASSAYS					GEOCHEMICAL					COMMENTS
				Cu %	Zn %	Pb %	Ag gm/T	Au gm/t	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm	
BCD21455	51.30	52.90	1.60						13	30	58	0.7	10	
BCD21456	54.80	56.40	1.60						109	17	60	0.9	5	
BCD21458	74.77	77.50	2.73						16	14	53	0.8	2	
BCD21459	84.50	85.10	0.60						52	30	138	1.4	6	
BCD21460	98.80	100.00	1.20						14	16	79	0.9	31	
BCD21461	100.00	101.50	1.50						109	21	63	1	12	
BCD21462	101.50	103.00	1.50						335	23	119	1.5	49	
BCD21463	103.00	104.00	1.00						1300	25	62	2.6	400	
BCD21464	104.80	106.80	2.00						47	14	79	1.1	22	
BCD21465	106.80	108.70	1.90						58	13	65	1.1	19	
BCD21466	108.70	109.70	1.00						147	17	63	1.2	18	
BCD21467	109.70	111.20	1.50						500	19	61	1.3	128	
BCD21468	111.20	112.70	1.50						139	14	60	0.9	15	
BCD21469	112.70	114.70	2.00						265	15	57	1	78	
BCD21470	123.40	123.90	0.50						485	19	64	1.3	17	
BCD21472	125.00	125.60	0.60						505	20	58	1.4	65	
BCD21473	125.60	127.10	1.50						410	15	62	1.2	6	
BCD21474	127.10	128.60	1.50						980	14	60	1.7	77	
BCD21475	128.60	130.10	1.50						780	10	41	1.3	40	
BCD21476	130.10	131.60	1.50						164	13	40	1	3	
BCD21477	131.60	134.40	2.80						420	14	43	1.2	2	
BCD21478	134.40	135.50	1.10						2750	35	119	3.9	860	
BCD21481	148.70	150.20	1.50						127	33	60	1.2	49	
BCD21482	165.50	167.30	1.80						250	17	59	1	23	
BCD21486	239.00	239.50	0.50						280	14	98	1.1	7	

Sample	From (m)	To (m)	Length (m)	Al2O3 %	BaT %	CaO %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	S %	TOTAL %	Ag ppm	As ppm	Ba ppm	Cu ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb
BCD21451	9.00	12.00	3.00	17.58	0.045	6.73	4.04	0.88	1.35	0.12	3.73	0.19	60.79	0.4	0.02	95.87	0.2	7	129	5	11	1	47	5
BCD21452	17.50	19.50	2.00	15.3	0.14	6.29	6.21	2.54	4.17	0.11	3.46	0.22	53.6	1.04	0.07	93.15	1.4	1	190	39	46	1	79	5
BCD21453	38.50	41.50	3.00	16.7	0.11	2.78	3.29	4.56	1.27	0.08	4.55	0.11	62.18	0.41	0.08	96.11	0.5	7	76	10	20	1	44	5
BCD21454	43.40	45.90	2.50	17.61	0.045	6.08	4.56	2.73	2.13	0.12	1.35	0.17	57.82	0.42	0.03	93.06	0.7	1	59	17	26	1	65	5
BCD21457	71.00	74.00	3.00	17.95	0.045	6.04	4.09	1.13	1.42	0.12	4.01	0.17	60.56	0.4	0.03	95.96	0.5	1	104	4	16	1	49	10
BCD21471	123.90	125.00	1.10	15.63	0.15	5.61	5.93	4.35	4.82	0.12	3.16	0.21	53.38	0.87	0.11	94.34	2.4	1	546	28	53	2	87	20
BCD21479	155.00	158.00	3.00	18.12	0.05	4.58	4.88	2.92	1.51	0.08	2.46	0.16	61.25	0.37	0.04	96.43	0.5	1	35	33	17	1	60	5
BCD21480	162.50	165.50	3.00	16.82	0.15	3.63	4.49	5.17	1.87	0.1	5.36	0.14	58.63	0.62	0.09	97.07	1.8	28	57	17	30	1	41	15
BCD21483	178.70	181.70	3.00	18.07	0.045	5.79	4.13	0.93	1.45	0.1	4.24	0.16	61.05	0.41	0.02	96.4	0.6	1	56	5	7	1	47	5
BCD21484	206.20	209.20	3.00	17.96	0.045	6.17	4.58	1.34	1.49	0.12	3.84	0.17	60.95	0.4	0.03	97.09	0.2	1	58	6	14	1	39	5
BCD21485	222.50	225.50	3.00	15.57	0.15	6.71	6.86	4.61	6.36	0.14	2.8	0.26	51.95	0.72	0.1	96.22	1.5	1	169	39	38	1	67	10
BCD21487	245.40	248.40	3.00	18.1	0.045	5.26	4.19	1.44	1.39	0.1	3.97	0.16	61.57	0.41	0.09	96.73	0.4	6	32	4	7	1	46	5

HOLE NUMBER: VEL-01

RQD ASSAY

DATE: 13-February-1990

From (m)	To (m)	Length (L)	Sum Of Length S>= 0.00cm	RQD S/LX100	Number Of Fracturs	Fracturs Per Metres	Number Of Veins	Veins Per Metres	Angle	Comments
0.00	0.00	0.00	0.00	0	0	0	0	0	0	

HOLE NUMBER: VEL-02

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: VELVET
PROJECT NUMBER: 659
CLAIM NUMBER:
LOCATION:

PLOTTING COORDS GRID:
NORTH: 100.00S
EAST: 135.00W
ELEV: 1057.00

ALTERNATE COORDS GRID:
NORTH: 0+ 0
EAST: 0+ 0
ELEV: 0.00

COLLAR DIP: -52° 0' 0"
LENGTH OF THE HOLE: 245.80m
START DEPTH: 0.00m
FINAL DEPTH: 245.80m

COLLAR GRID AZIMUTH: ° ' "

COLLAR ASTRONOMIC AZIMUTH: 90° 0' 0"

DATE STARTED: October 6, 1989
DATE COMPLETED: October 10, 1989
DATE LOGGED: October 7, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: YES
HOLE SIZE: NQ

CONTRACTOR: Lone Ranger
CASING: left in hole
CORE STORAGE: Bob Voight's property

PURPOSE: To test the Velvet vein and others to the south of the workings.

DIRECTIONAL DATA:

Depth (m)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (m)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
68.60	-	-50° 0'	ACID	OK		-	-	-	-	-	
130.10	-	-50° 0'	ACID	OK		-	-	-	-	-	
200.20	-	-51° 0'	ACID	OK		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 5.80	«CASING»					
5.80 TO 25.80	«FAULT ZN/M ONZ»	<p>Colour: light grey Grain Size: medium -50-60% FP in a f.g. grey matrix -FP 1-4 mm -weakly magnetic</p> <p>25.6-25.8 -strong talc rich contact fault gouge at 45 deg to c.a.</p>		<p>5.8-9.0 -weak >5% epidote veinlets -heavily fractured with hem on frac 60-90 deg to c.a.</p> <p>9.0-9.6 -very dark f.g. chloritic matrix</p> <p>9.6-10.1 -silicified at 60 deg to c.a. with bands -some vuggy qtz veinlets</p> <p>¶10.1-14.2¶ -«str flt zn» chl with 10% QV's -badly broken</p> <p>¶14.2-25.0¶ -«10% epid vnlt, 2-3% QV's»</p> <p>-ground very broken</p>	<p>¶9.6-10.1¶ -mass blebs of py(20%), cpy(5%), spec hem(1-2%) -«25-30% py,cpy,spec hem»</p> <p>10.1-14.2 -strong hematite on fract</p>	<p>5.8-9.0 -90% recovery</p> <p>9.0-9.6 -70% recovery</p> <p>9.6-10.1 -90% recovery</p> <p>10.1-14.2 -50% recovery</p> <p>14.2-25.0 -95% recovery</p>
25.80 TO 35.00	«FP-PX MAFIC DYKES»	<p>Colour: light grey Grain Size: fine - grey matrix with 4-8 mm FP's (20%) and 3-5 mm PXP's (8%) very fresh rock intruding Monzonite</p> <p>28.5-30.0 -break with altered monzonite dykes</p>		<p>-tr epid saus on FP's</p> <p>28.5-30.0 -minor qtz veins and epidote veins</p>	<p>¶28.5-30.0¶ -«2% spec hem, 2% mag» as veinlets in</p>	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
					monzonite	
35.00 TO 63.50	«MONZONITE»	Colour: light grey Grain Size: medium -medium intrusive with 60-70% 1-3 mm FP's and 5-10% biot altered Hb? xtals -equigranular and mod magnetic		-«5-10% epid» both replacing FP's and as veinlets	-avg «tr spec hem, hem, mag» in 1-2 mm fract at 60 deg to c.a.	-99% recovery
63.50 TO 72.90	«LAMP DYKE»	Colour: dark brown Grain Size: fine to medium -a f.g. homogeneous dyke with 1-2 m FP's 10% and 1 mm biotite grains 50% + 20% chl clots -mod magnetic -very distinct chilled margins with f.g. matrix with coarse Px? xtals at 63.5-65.3 and 69.4-72.9 -contact @ 45-70 deg to c.a.		-minor epidote as fractures -wk carb	-avg «1-2% diss py»	
72.90 TO 92.80	«MONZONITE»	Colour: light grey Grain Size: medium -fine grained matrix with 60% FP's 1-4 mm -fine grained sections near fracture -also altered contact near dykes (chilled margins) @ 72.9-75.1 90.0-92.8		-mod epidote veinlets and epidote blotches -occasional zones with minor hematite	{72.9-76.1} -contact has qtz veinlets with sulphides 3 mm - 2 cm wide -avg «1-2% py, 1% spec hem» @ 60 deg to c.a. 91.3-92.8 -qtz-carb veinlets with 1% py avg and tr spec hem total -occasional veinlets in the rest of the section with minor sulphides	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
92.80 TO 94.30	«LAMP DYKE»	Colour: dark brown Grain Size: fine -90% fine grained biot, chl and mafic minerals -5% carb (vesicles?) -mod. magnetic				
94.30 TO 98.10	«ALT'D MONZ »	Colour: dark green Grain Size medium -matrix pervas silicified -FP's very faint		-«perv silic'n» with 5% small qtz veinlets	-«5% vnlts (60% py, tr cpy,hem)» -5% vnlts 5 mm-3 cm carry 50-60% py, 1-5% cpy, tr spec. hem	
98.10 TO 101.80	«SYENITE DY KE»	Colour: light pink Grain Size: coarse -a fine grained Kspar rich matrix with 4-6 mm zoned FP's 30%, 10% Px xtals		-some epidote replacement to FP's		
101.80 TO 105.80	«ALT'D MONZ »	Colour: light grey Grain Size: medium -strongly altered between dykes -30% FP's 1-3 mm vague -30% Px Pheno's 1-2 mm		-pervasive silic'n -10+% epid vnlts and blebs -some fract extremely chl rich and f.g. -«perv silic'n, 10+% epid»	{104.0-105.0} -20% QV's 2-10 cm with 30% py, 5% cpy, 5% hem @ 45 deg to c.a. -«20% QV's with 40% sulph»	
105.80 TO 109.40	«SYENITE DY KE»	Colour: light pink Grain Size: coarse -f.g. aphanitic light pink matrix with 4-7 mm FP's 25%; 10% Px phenos 2-5 mm -chilled margins -contact @ 45 deg to c.a.		-minor epidote replacing FP's	-tr py in fractures	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
109.40 TO 131.00	«MONZONITE»					
TO TO TO 113.00		<p>Colour: light grey Grain Size: medium -medium grained with 50-60 % equi FP's (2-3 mm) -occasional fracture zones @ 60 deg to c.a. with f.g. chlorite rich margins</p>		<p>-pervasive weak silicification making FP's faint -«10-15% epid» veinlets and blebs -.5 m patches with hem alteration pervasive</p>	<p>↓110.0-112.5↓ -2% vnlt's with 1-2 cm QV's with 15% py, 2% cpy -«2% QV's with 15% sulfides» ↓115.9-117.4↓ -2-3% .3-2 cm frac with qtz with 10% cpy, 10% spec hem, 2% py -chloritic matrix -«2-3% QV's with 20% sulph» ↓127.7-130.7↓ -2% 1 cm fracture with qtz with 20% py, 20% cpy, 10% spec hem -«2% qtz with 50% sulph»</p>	<p>↓109.9-110.0↓ -mod «fault zone» with fract @ 45 deg to c.a.</p> <p>↓131.0-131.5↓ -«strong fault» with chl + vuggy qtz at 50 deg to c.a.</p>
131.00 TO 167.70	«MAFIC VOLC »	<p>Colour: medium green Grain size: fine -fine grained chl matrix with 50% .5 mm FP's -often bounded with f.g. sections @ 50 deg to c.a. (primary?) -occasional patches of 30% 1 mm Px phenos -non magnetic</p> <p>144.0-144.4 -px rich mafic dyke with 1-3 mm px xtals -contact @ 45 deg to c.a.</p>		<p>-5% 5 mm - 2 cm carb veinlets -2-3% epidote veinlets and patches -fractures very f.g. and chloritic</p>	<p>-av. «tr py, hem, cpy» as 1 mm - 1 cm veinlets throughout section</p> <p>134.7-135.2 -3 cm vein @ 30 deg to c.a. av. 20% cpy 10% py</p> <p>142.5-144.0 -5% 5 mm - 2 cm veins @ 40 deg to c.a. with 40% hem, 2-3% py, tr cpy</p> <p>144.4-146.9 -5% 5 mm - 1 cm bands with 10% oxidized hem in carb veins</p>	<p>↓139.3-142.0↓ -«strong fault» with poor recovery 70% -quite talc rich -fract @ 40-60 deg to c.a.</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
					152.4-167.7 -av. 2% 3 mm - 1 cm veins with 50% spec hem, 3-5% cpy, 2-3% py @ 40-50 deg to c.a.	
167.70 TO 173.20	«LAMP DYKE»	Colour: dark brown Grain Size: fine -1 mm biotite altered mafic px? forms a mass -mod magnetic		-2% Qtz-carb veinlets 1-3 mm	-5% black sulphide blebs to 5 mm spec hem? -«5% spec hem?»	{171.0-173.3} «fault zone» -broken rock @ 45 deg to c.a. with serp core @ 172.4-172.5
173.20 TO 224.20	«SERPENTINE»	Colour: dark green Grain Size: aphanitic -generally massive mod magnetic aphanitic serpentine		173.2-175.6 -light grey with 10-15% 3-4 mm Qtz veins and minor talc 175.6-178.0 -apple green with talc on fract 178.0-217.8 -generally dark green with talc in faults 217.8-221.2 -apple green with fract @ 50 deg to c.a. 221.2-224.2 -pale grey fault contact 10+ Qtz-carb veinlets @ 30 deg to c.a.	{173.2-175.6} -15-20% veins of blebs of black sulphide (hem or mag?) -«15-20% black sulphide» {175.6-178.0} -«20-25% spec hem» with minor hem as veinlets and blebs {178-217.8} -av. «20+% spec hem» as blebs and diss in matrix with occasional late spec hem vein {217.8-221.2} -av. «15% vnlts and blebs hem» {221.2-224.2} -approx «5% spec hem?» as blebs	{173.2-178.0} -«Fault zone» @ 50 deg to c.a. {183.0-183.4} -«Fault» with talc gouge and light colour {186.1-187.2} -«Fault» with talc gouge @ 35 deg to c.a.

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
224.20 TO 240.80	<MAFIC VOLC >	Colour: medium green Grain size: fine -fine green chl matrix with 1 mm FP's (40%)		-5% 1 cm carb veinlets @ 35-40 deg to c.a. -minor epidote	-15% hem with 1-2% py in carb vnlt -<carb vnlt with 15% hem, 1% py>	
240.80 TO 245.80	<MONZONITE> E.O.H.	Colour: light green Grain size: coarse -very vague contact -fine grained matrix with 50% 2-4 mm FP's		-<weak silic'n> makes features faint -5+% epidote veinlets and blebs		

Sample	From (m)	To (m)	Length (m)	ASSAYS					GEOCHEMICAL					COMMENTS
				Cu %	Zn %	Pb %	Ag gm/T	Au gm/t	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm	
BCD21501	9.00	9.60	0.60						121	17	46	0.9	2	
BCD21502	9.60	10.10	0.50	2.190	0.01	0.02	14.3	4.86						
BCD21503	10.10	11.60	1.50						89	29	57	0.8	1	
BCD21504	11.90	14.20	2.30						50	49	73	1.2	32	
BCD21506	28.50	30.00	1.50						16	19	37	0.6	3	
BCD21511	72.90	74.40	1.50						18	31	44	0.8	25	
BCD21512	74.40	76.10	1.70						318	29	51	1.8	321	
BCD21513	91.30	92.80	1.50						400	24	50	1.3	384	
BCD21514	94.30	95.80	1.50						298	29	40	1.4	64	
BCD21515	95.80	98.10	2.30						55	21	43	1	2	
BCD21517	101.80	104.00	2.20						114	19	42	0.7	35	
BCD21518	104.00	105.00	1.00					2.18	860	20	54	1.8	1900	
BCD21519	105.00	105.80	0.80						64	18	38	0.6	11	
BCD21520	110.00	111.50	1.50						150	16	32	0.7	40	
BCD21521	111.50	112.50	1.00						72	13	29	0.8	135	
BCD21522	115.90	117.40	1.50						820	21	57	1.4	170	
BCD21523	127.70	129.20	1.50						590	18	42	0.8	57	
BCD21524	129.20	130.70	1.50						620	21	40	0.9	61	
BCD21525	131.00	131.50	0.50						530	23	47	1.1	215	
BCD21576	134.70	135.20	0.50						640	19	52	1	58	
BCD21578	142.50	144.00	1.50						221	17	36	0.8	37	
BCD21579	144.40	145.90	1.50						130	16	40	0.9	8	
BCD21581	155.00	156.50	1.50						880	17	43	1.3	22	
BCD21582	156.50	158.00	1.50						324	17	44	1.1	17	
BCD21583	158.00	159.50	1.50						780	14	41	1.5	10	
BCD21584	164.70	166.20	1.50						52	17	40	0.9	9	
BCD21585	166.20	167.70	1.50						232	38	50	1.3	18	
BCD21586	173.20	174.20	1.00						10	28	20	0.9	7	
BCD21587	174.20	175.60	1.40						29	29	25	1.1	4	
BCD21588	175.60	177.00	1.40						10	29	25	0.9	2	
BCD21589	177.00	178.00	1.00						10	33	30	0.8	1	
BCD21590	179.00	180.50	1.50						9	29	35	1	2	
BCD21591	182.00	183.50	1.50						8	30	31	0.9	5	
BCD21592	186.00	187.50	1.50						8	31	35	1	2	
BCD21593	190.00	191.50	1.50						6	32	36	1.2	1	
BCD21595	196.00	197.50	1.50						8	28	28	0.8	1	
BCD21597	202.00	203.50	1.50						7	28	25	0.9	2	
BCD21598	205.00	206.50	1.50						8	29	26	1.2	2	

HOLE NUMBER: VEL-02

ASSAY SHEET

DATE: 13-February-1990

Sample	From (m)	To (m)	Length (m)	Cu %	Zn %	Pb %	Ag gm/T	Au gm/t	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm
BCD21599	208.00	209.50	1.50						8	35	33	1.3	3
BCD21600	211.00	212.50	1.50						10	31	25	1.1	1
BCD21526	214.00	215.50	1.50						10	32	26	1	1
BCD21528	219.30	221.20	1.90						10	34	23	1	4
BCD21530	222.70	224.20	1.50						34	27	25	0.8	3
BCD21531	226.20	227.70	1.50						42	23	62	1.1	2
BCD21532	227.70	229.20	1.50						19	25	73	1.2	1
BCD21533	229.20	230.70	1.50						42	24	77	1	1

Sample	From (m)	To (m)	Length (m)	Al2O3 %	BaT %	CaO %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	S %	TOTAL %	Ag ppm	As ppm	Ba ppm	Cu ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb
BCD21505	16.80	20.00	3.20	17.82	0.055	3.98	4.42	1.72	1.62	0.08	4.21	0.14	60.74	0.41	0.03	95.24	0.6	1	64	40	19	1	53	10
BCD21507	30.50	33.50	3.00	17.15	0.1	2.1	2.81	5.24	0.89	0.08	4.67	0.09	63.33	0.3	0.07	96.81	0.8	10	41	16	21	1	44	5
BCD21508	41.20	44.20	3.00	17.49	0.045	7.13	4.09	1.24	1.41	0.1	3.68	0.19	59.79	0.38	0.03	95.57	0.6	1	58	17	15	1	43	5
BCD21509	54.00	57.00	3.00	17.55	0.05	5.6	4.01	1.64	1.47	0.1	3.61	0.16	60.26	0.38	0.03	94.85	0.6	17	75	9	14	1	46	5
BCD21510	66.00	68.00	2.00	14.38	0.155	5.22	6.01	4.46	4.11	0.11	2.86	0.2	57.11	0.82	0.1	95.54	2.2	1	740	26	82	3	120	5
BCD21516	98.10	101.10	3.00	16.91	0.095	2.07	2.75	5.38	0.76	0.07	4.28	0.08	64.03	0.29	0.14	96.85	0.3	19	47	16	14	1	41	10
BCD21577	139.30	142.00	2.70	16.99	0.04	3.59	3.43	3.45	1.33	0.07	2.44	0.13	62.05	0.38	0.38	94.28	0.6	8	75	110	18	1	38	30
BCD21580	148.40	151.40	3.00	16.35	0.04	7.29	6.01	2.45	2.49	0.14	3.1	0.21	52.48	0.55	0.02	91.13	0.6	1	102	7	34	1	72	10
BCD21594	193.00	194.50	1.50	0.39	0.005	0.01	8.29	0.01	37.64	0.23	0.02	0.42	38.74	0.01	0.14	85.88	0.8	1	6	8	157	3	53	5
BCD21596	199.00	200.50	1.50	0.29	0.005	0.11	8.18	0.01	37.14	0.24	0.02	0.45	38.96	0.01	0.1	85.49	1	1	7	9	147	2	67	10
BCD21527	217.80	219.30	1.50	0.39	0.005	0.01	7.43	0.01	36.59	0.18	0.03	0.4	38.8	0.01	0.14	83.96	1	1	5	10	145	3	53	5
BCD21529	221.20	222.70	1.50	3.17	0.06	3.86	6.85	0.24	27.94	0.22	0.28	0.42	37.81	0.19	0.38	81.43	1.2	1	524	15	108	3	58	5
BCD21534	242.90	245.80	2.90	16.97	0.045	4.09	3.15	1.14	1.44	0.08	5.41	0.15	63.68	0.32	0.14	96.62	0.7	7	59	91	22	1	41	5

HOLE NUMBER: VEL-03

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: VELVET
PROJECT NUMBER: 659
CLAIM NUMBER:
LOCATION:

PLOTTING COORDS GRID:
NORTH: 200.08S
EAST: 165.00W
ELEV: 1052.00

ALTERNATE COORDS GRID:
NORTH: 0+ 0
EAST: 0+ 0
ELEV: 0.00

COLLAR DIP: -45° 0' 0"
LENGTH OF THE HOLE: 261.20m
START DEPTH: 0.00m
FINAL DEPTH: 261.20m

COLLAR GRID AZIMUTH: 0 ' "

COLLAR ASTRONOMIC AZIMUTH: 90° 0' 0"

DATE STARTED: October 11, 1989
DATE COMPLETED: October 16, 1989
DATE LOGGED: October 13, 1989

COLLAR SURVEY: NO
MULTISHOT SURVEY: NO
RQD LOG: NO

PULSE EM SURVEY: NO
PLUGGED: YES
HOLE SIZE: NQ

CONTRACTOR: Lone Ranger
CASING: left in hole
CORE STORAGE: Bob Voight's property

PURPOSE: To test the Velvet Vein and other to the south of the workings.

DIRECTIONAL DATA:

Depth (m)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (m)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
0.00	-	0° 0'	ACID			-	-	-	-	-	
84.50	-	-45° 0'	ACID	OK		-	-	-	-	-	
188.40	-	-46° 0'	ACID	OK		-	-	-	-	-	
261.20	-	-44° 0'	ACID	OK		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	
-	-	-	-	-		-	-	-	-	-	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 6.20	«CASING»					
6.20 TO 9.60	«LAMP DYKE»	Colour: dark grey green Grain size: fine -15% px phenos, 2-3 mm, 2% biot in fng grey matrix -massive fresh -chill margin of lamp dyke as in 12.2-15.4 (dyke 6.2-15.4 intruded by syenite??) -magnetic		-v. minor carb veinlets -rusty fractures		-broken, good recovery 90%
9.60 TO 12.20	«SYENITE»	Colour: pale pink Grain size: fine -2% coarse px clots (5 mm) -2% coarse plag (av 3 mm) in fine Kspar rich matrix -massive fresh dyke cutting lamprophyre?? -magnetic				-broken, 90% recov.
12.20 TO 15.40	«LAMP DYKE»	Colour: dark grey-green Grain Size: fine -5% px, 5% bi, 5% plag (av. 3 mm) in fng mafic gmass -fresh, massive -chill margins 15.0-15.4 with coarse px as 6.2-9.6 -mod magnetic sharp contact	80	-v. minor carb veinlets		-90% recov.
15.40 TO 15.90	«MONZONITE»	Colour: med grey Grain Size: coarse -massive fresh monzonite -20% coarse zoned plag to 6 mm, 20% mafics (px+?) av. 2 mm, 60% felsp rich matrix -non magnetic		-rusty frags		-broken, 80% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
15.90 TO 17.00	«LAMP DYKE»	Colour: dark grey-brown Grain Size: fine -10% feldsp phenos to 4 mm, 10% bio + px to 2 mm in f.g. mafic rich gmass -massive, fresh magnetite		-v. minor carb		>95% recovery
17.00 TO 28.00	«MONZONITE»	Colour: med grey Grain Size: medium to coarse -f.g. feldsp rich matrix with 30% coarse feldsp (4 mm) and 20% fine mafics (1-2 mm) -f.g. alteration adjacent to fractures -non magnetic		-weak ep alteration as plag replacement and minor veinlets -locally weak perv. hem alteration ‡25.0-28.0‡ -«local silica flood and QV's» 27.6-28.0 -patchy f.g. alteration/chill margin	21.1-21.4 -minor qtz vnlts @ 30-40 deg to c.a. to 2 mm wide	massive core >95% recovery
28.00 TO 30.10	«SYENITE DYKE»	Colour: pink-brown Grain Size: fine 10% coarse zoned feldspar to 3 mm in f.g. Kspar rich pink gmass -massive, fresh -mod magnetic contact	60	-minor rusty fractures -5 cm silic zone adjacent to lower contact		Broken core: 80% recovery Dyke intruding monzonite
30.10 TO 36.60	«MONZONITE»	Colour: med grey Grain Size: medium 50% coarse fsp phenos; 20% fsp, 20% mafics average 1 mm as f.g. gmass -weak foliation developed locally @ -non magnetic -v. broken core at contact	60	-mod epidote alteration replacing feldspar and as patches -weak silicification -locally weak hematite 34.0-35.0 -5% qtz veinlets		-90% recovery 35.7-37.0

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
						-v. broken, poor recovery (50%)
36.60 TO 39.20	«MAFIC VOLC»	Colour: dark grey-green Grain Size: fine v. fine grained dark grey-green mafic rx? sharp contact with monzonite -volcs?? -non magnetic -massive lower contact	30	-weak-mod epidote alteration -minor carb veinlets		-massive core: 95% recovery
39.20 TO 48.00	«MONZONITE»	Colour: med grey Grain Size: medium -as above -non magnetic fractures, veining	45	-minor qtz carb veinlets -f.g. alteration envelope on fractures 44.5-45.1 -silic, fine alteration, qtz veining		39.2-46.0 -massive core: 95% recovery 46.0-47.5 -broken core: 60% recovery 47.5-48.0 -90% recovery
48.00 TO 48.30	«LAMP DYKE»	Colour: dark grey Grain Size: fine 5% fine feldspar, 5% biotite in f.g. grey matrix -mod magnetic				massive dyke cutting monzonite
48.30 TO 52.20	«ALT'D MONZ /FLT ZN»	Colour: grey Grain Size: fine to medium 10% mafics 1-2 mm; locally coarse feldsp visible in f.g. matrix -narrow rusty gouge -non magnetic		-rusty fractures -«weak-mod silic»		broken monzonite - 50% recovery 48.3-52.2 «Fault Zone»

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
52.20 TO 55.50	«LAMP DYKE»	Colour: dark grey Grain Size: fine -2% biotite, 2% pyroxene to 2 mm in f.g. gmass -massive -weak - mod magnetic -grad contact to altered monzonite below		-v. minor carb veinlets 53.9-54.4 -Fault Zone -broken core and buff fault gouge		52.2-53.9 -95% recovery 53.9-54.4 -«Fault Zone» 60% recovery 54.4-55.5 -95% recovery
55.50 TO 65.90	«MONZONITE»	Colour: grey Grain Size: medium 20% coarse feldspar to 6 mm, 10% fine mafics in feldspar rich gmass -locally weak-mod f.g. alteration as enveloped on fracs and zones to 10 cm wide qtz veining	60	-weak ep alteration replacing feldsp -minor carb veinlets -weak silicification -weak chl alteration 63.0-64.0 -altered monzonite, mod silic'n, v. weak bx, minor qtz veining, weak chl alteration -«mod silic, weak bx, min QV's»	63.0-64.0 -minor py - disseminated and stringers 65.0 -narrow py stringer	broken core: 80% recovery
65.90 TO 68.20	«SERPENTINE»	Colour: dark grey-white Grain Size: fine -mottled texture, massive serp -strongly magnetic		-dark green, strong talc on fractures -strong talc-carb(+ qtz?) veining (random) 66.1-66.3 -strong carb??, hem alteration: pale orange colour, no fizz with 10% irreg qtz veinlets	-«5% py in talc-carb vns»	massive core: >95% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
68.20 TO 75.30	«LAMP DYKE»	Colour: grey-brown Grain Size: fine 5% px, 2% bio avg. 3 mm in f.g. mafic gmass -massive, fresh carb veinlets sharp upper contacts -5 cm gouge zone @ lower contact -mod magnetic	35 45	-v. minor carb veinlets @ 35 deg		Massive core: >95% recovery
75.30 TO 77.50	«SERPENTINE»	Colour: grey Grain Size: fine -mottled grey f.g. serp with strong talc alt'n on fractures weakly developed foliation -mod magnetic	80	-«v. strong talc» (white-pale green); (50-60%) -minor carb veinlets		Massive core: 95% recovery
77.50 TO 79.60	«ALT'D MONZ»	Colour: grey-green Grain Size: fine - medium 10% fine mafic in fine grey gmass, locally rem feldsp phenos visible -dark green f.g. alteration envelope on fractures -non magnetic		-weak to«mod silic» throughout with local bx & strong hem-qtz flood (10% of interval) as irregular patches	-«5% py in hem-silic zones»	Massive core: >95% recovery
79.60 TO 80.50	«LAMP DYKE»	Colour: grey brown Grain Size: fine -massive, fresh dyke as in 68.2-75.3		-v. minor carb veinlets @ 45 deg to ca		90% recovery
80.50 TO 87.60	«ALT'D MONZ»	Colour: dark grey-green Grain Size: fine -f.g. grained, with locally 10% coarse px as in		-weak chl alteration	-«5% py», med-coarse diss in veinlets	Broken core: 80% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		chill margin (10 cm wide) @ lower contact -locally pale grey coarse silic monz to 20 cm with v. grad. contacts -non magnetic -sharp contacts gouge zones @ lower contact	60 50	-weak silicification -rusty frac surfaces -minor narrow/1-2 cm gouge zones and silic bx zones @ 60 deg -«5% qtz vnlt»	with qtz -minor mal stain on rusty fracs. 83.1-83.15 -«5 cm coarse py vein» @ approx 80 deg to c.a.	80.5-87.6 «Fault Zone»
87.60 TO 94.20	«SERPENTINE »	Colour: grey-green Grain Size: fine -massive, mottled serpentine -mod magnetic narrow gouge zones: 90.6, 89.5 @ 60-80 deg to c.a. mod foliation sharp, rusty, gougy lower contact	45 40	-10-20% qtz-carb veinlets @ 45 deg to c.a. -strong talc along fractures		Massive core: >95% recovery
94.20 TO 94.50	«FP-PX MAFI C DYKE»	Colour: grey green Grain Size: fine -2% fine px, 2% feldsp, 1-2 mm in fng gmass lower contact - 2 cm gouge zone	45			>95% recovery massive fng. dyke intruding serp
94.50 TO 96.40	«SERPENTINE »	Colour: grey green Grain Size: fine -as above 87.6-94.2 sharp lower contact @	35	-«10-20% qtz-carb vnlt» @ 45 deg -strong talc on fracs -rusty staining		massive, >95% recovery
96.40 TO 103.20	«ALT'D MONZ »	Colour: grey Grain Size: med -10% fine mafics, altered to chl, locally 10-20%		-mod chl alteration	-«2% fine diss py» and in veinlets and	massive, broken core 90% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		coarse feldsp, visible (to 8 mm) in f.g. pale grey matrix -sharp lower contact -nonmagnetic	75	-minor qtz-carb veining @ 40 deg to ca	irregular patches to 1 cm across	
103.20 TO 107.00	«MAFIC VOLC »	Colour: dark grey Grain Size: fine -5% fine feldsp, 5% fine mafics in f.g. dark grey gmass -massive -weak-mod magnetic -weak foliation defined by mafics -sharp contact	70 50		-minor fine diss py	-massive core 95% recovery
107.00 TO 108.10	«ALT'D MONZ DYKE»	Colour: grey green Grain Size: fine -weak rem coarse folds text visible -mod banding @ 80 deg dt chl alteration -non magnetic		-weak chl alteration -v. minor carb veinlets		-broken, core 90% recovery
108.10 TO 109.40	«MAFIC VOLC »	Colour: dark grey Grain Size: fine -porphyritic with 10% mafic (px) phenos, avg 3 mm minor fine felds phenos in f.g. gmass -massive -weakly magnetic		-v. minor carb veinlets		massive, broken core, 90% recovery
109.40 TO 119.90	«ALT'D MONZ »	Colour: grey Grain Size: fine to medium -weak rem coarse feldsp test visible -mod banding @ 45 deg chl/ep alteration -minor slicks on fracs 40-60 deg -non magnetic		-weak chl alteration mod ep replace feldsp and as veinlets and patches -minor qtz-carb veining -local perv hem alteration of gmass -weak silic'n	-v. minor py in qtz-carb veinlets	broken core, 80% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
119.90 TO 123.00	«MAFIC VOLC »	<p>Colour: dark grey green Grain Size: fine 119.0-121.2 -f.g., strongly banded altered volcanics -weakly magnetic</p> <p>121.2-123.0 -massive porphyritic volc with 5% mafic phenos, minor feldsp phenos. -weakly magnetic</p>		<p>‡119.0-121.2‡ -«strong chl alt'n» -weak silicification</p> <p>121.2-123.0 -weak silicification -minor qtz-carb veinlets</p>	<p>‡119.0-121.2‡ -3% diss py and py bands to 2 mm -«3% py»</p> <p>121.2-123.0 -v. minor diss py</p>	broken core 80% recovery
123.00 TO 163.50	«ALT'D MONZ »	<p>Colour: grey Grain Size: medium 123.0-126.2 -strongly altered monzonite with only v. local rem text visible -strong banding @ 50-70 deg to c.a. -bx -indistinct marroon volc clasts -patchy magnetism -slicks on fract's -fault cont. between volcs and intr.</p> <p>126.2-138.1 -25% coarse feldsp phenos avg 4 mm, 10% mafics avg 2 mm in f.g. grey feldsp rich matrix -massive -weakly magnetic</p> <p>138.1-143.3 -f.g. dark grey with minor felds phenos avg 1 mm visible locally</p> <p>143.3-144.5 -pale grey monzonite, well pres. rem. texts</p> <p>‡144.5-146.0‡ -strongly silicified «bx» monzonite in fault zone</p>		<p>123.0-126.2 -weak silic'n -mod to strong qtz carb veining</p> <p>126.2-138.1 -mod ep alteration as feldsp replacement -minor perv hem alteration of matrix -minor carb veinlets</p> <p>138.1-143.3 -minor carb veinlets 45 deg -patchy hem alteration</p> <p>143.3-144.5 -weak silicification -minor carb veinlets @ 60 deg to c.a.</p> <p>‡144.5-146.0‡ -«strong silic» -10% qtz veining, irreg. white veins</p>	<p>123.0-126.2 -minor diss py in marroon volc clasts</p> <p>126.2-138.1 -minor diss py and py stringers</p> <p>‡138.1-143.3‡ -«5% spec hem» as irregular patches and network of veinlets with minor py</p> <p>143.3-144.5 -minor diss py</p> <p>144.5-146.0 -minor diss py and py stringers</p>	<p>123.0-126.2 -v. broken core, 80% recovery Fault contact between volcs and intrus.</p> <p>126.2-130.1 -massive core, >95% recovery</p> <p>130.1-134.0 -broken core, 75% recovery</p> <p>134.0-141.9 -broken core, 90% recovery</p> <p>‡141.9-143.4‡ -v. broken core 40% recov. -«Fault Zone»</p> <p>143.4-144.5 -massive broken core 90% recovery</p> <p>144.5-147.5 -broken core, 75% recovery</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>146.0-155.5 -massive monzonite with weak-mod texts preserved</p> <p>‡155.5-157.6‡ -grey green «flt gouge & bx silic monz»</p> <p>-white qtz veining @ 45 deg</p> <p>157.6-163.5 -altered monzonite with little rem text visible -weak banding dt alteration @ 45 deg</p>		<p>146.0-155.5 -minor qtz-carb veinlets -weak-mod silicification -local rusty frags & v. minor local perv hem alteration</p> <p>‡155.5-157.6‡ -strong silic'n of bx sects -5% qtz veining -mod chl alteration «str silic, 5% QV's»</p> <p>157.6-163.5 -mod silicification -local mod hem alteration</p>		<p>‡144.5-146.0‡ «Fault Zone»</p> <p>147.5-155.5 -broken core, 95% recovery</p> <p>‡149.35-149.4‡ -«gouge zone»</p> <p>‡155.5-157.6‡ -«Fault Zone» -90% recovery</p> <p>157.6-163.5 -broken core 90% recovery</p> <p>‡161.5-162.0‡ -«10% hem fault gouge» on frags</p>
163.50 TO 167.00	«LAMP DYKE»	<p>Colour: dark grey brown Grain Size: fine to medium -fresh massive fine-med crystalline dyke with 10% bi avg 3 mm, 10% coarse feldsp to 4 mm, 20% finer feldsp in f.g. gmass</p> <p>-top contact is broken, rusty, fault gouge</p> <p>-lower contact is also faulted 90 deg, with 40 cm chilled margin in dyke, 10% bio and mafics in f.g. gmass</p>		-minor carb veining @ 45 deg		massive core, >95% recovery
167.00 TO 183.00	«MONZONITE»	<p>Colour: grey Grain Size: medium 167.0-174.8 -med to coarse monzonite with 30% coarse feldsp avg 6 mm in f.g. grey gmass ep veinlets</p> <p>‡174.8-177.7‡ -Fault Zone -grey (to purple locally) Flt gouge with silic bx monzonite clasts and intensely bx silic monz.</p>	45	<p>167.0-174.8 -weak silicification -weak ep alteration as veinlets at 45</p> <p>174.8-177.7 -silic -minor rusty frags</p>		<p>167.0-174.8 -broken core, 85% recovery</p> <p>‡174.8-177.7‡ -«Fault Zone» -60% recovery</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-«flt gouge & silic bx monz clasts» 177.7-183.0 -v. broken core adjacent to fault zone -grey silic monzonite with well preserved c. fsp -30% avg 6 mm		177.7-183.0 -mod silic'n -174.8-183.0 «silic»	177.7-183.0 -minor diss py and py stringers	v. broken core 75% recovery
183.00 TO 187.00	«LAMP DKYE»	Colour: dark grey brown Grain Size: fine -10% mafics - bi and px and 10% fine feldsp (to 2 mm) in f.g. mafic gmass -broken frac'd upper contact -sharp lower contact @ -massive, fresh -magnetite	50	-minor qtz carb veinlets -minor ep alteration (patchy)	-v. minor diss py	massive broken core 85% recovery
187.00 TO 189.90	«MONZONITE»	Colour: grey Grain Size: medium -well pres coarse feldsp (av. 6 mm) - 25% in f.g. dark grey gmass		-mod silification -v. minor ep alteration of gmass feldsp and as patches	-minor py - diss and on frags	massive broken core 95% recovery
189.90 TO 194.20	«LAMP DYKE»	Colour: dark grey brown Grain Size: fine -10% bio av. 2mm, 10% fine mafics, 10% fine fsp in dark mafics gmass (-locally coarse fsp) -massive fresh -magnetite -broken contacts		-minor qtz-carb veinlets @ 45 deg	-v. minor fine diss py	massive broken core 95% recovery
194.20 TO 240.80	«MONZONITE»	Colour: pale grey Grain Size: medium -massive monzonite with well pres texts -30% coarse fsp av. 7 mm in f.g. fsp rich matrix		-minor ep alteration altering gmass fsp and as veinlets and irreg patches -mod silification -v. minor qtz-carb stringers @ 45 deg -mafics may be altered to chl 2 cm qtz vein @ 212.0 m 40 deg	-v. minor fine diss py	194.2-200.3 -broken core, 80% recovery 200.3-213.0 -massive, broken core, 95% recovery

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>213.0-217.3 -v. fine grained, massive altered phase of monzonite</p> <p>217.3-218.4 -Fault Zone -rem coarse fsp locally visible</p> <p>218.4-222.3 -med grained monzonite with well pres. text -grad contact to rx below</p> <p>222.3-226.0 -fine grained altered phase of monzonite as in 213.0-217.3</p> <p>‡225.0-225.2‡ -«str crackle bx, flt gouge»</p> <p>226.0-231.6 -30% coarse feldsp. av. 5mm, 20% fine feldsp av 2 mm in f.g. grey gmass</p> <p>231.6-235.2 -strongly altered monzonite with weak rem texts visible; patchy dark green black colour -non magnetic -massive -grad contacts</p> <p>235.2-240.8 -strongly silicified monzonite with remm coarse feldsp text visible</p>		<p>‡213.0-217.3‡ -«mod-str ep alt» - patchy -minor carb veinlets @ 30 deg -weak silicification</p> <p>‡217.3-218.4‡ -«v str silic in crackle bx» -mafics => chl</p> <p>218.4-222.3 -weak to mod silification -minor carb stringers -weak ep alteration</p> <p>222.3-226.0 -mod to strong ep alteraton, patchy weak silification -minor carb veinlets</p> <p>226.0-231.6 -v. weak ep alteration of gmass feldsp -weak chl alteration of mafics -locally weakly silic and bx -v. minor qtz-carb veinlets</p> <p>‡231.6-235.2‡ -«str chl (& serp?) alt» -mod carb veining @ 45 deg</p> <p>‡235.2-240.8‡ -«str silic» -local weak ep alteration -hairline qtz-carb stringers @ 60 deg -mod chl alteration</p>	<p>213.0-217.3 -minor diss pyrite</p> <p>222.3-226.0 -minor diss py</p> <p>235.2-240.8 -minor v. fine diss py</p>	<p>213.0-217.3 -broken, massive core, 95% recovery</p> <p>‡217.3-218.4‡ -«Fault Zone» -85% recovery</p> <p>218.4-222.3 -broken core, 80% recovery</p> <p>222.3-226.0 -broken core, 85% recovery</p> <p>226.0-231.6 -broken core, 90% recovery</p> <p>231.6-235.2 -massive core, >95% recovery</p> <p>235.2-240.8 massive core >95% recovery</p>
240.80 TO 251.90	«SERPENTINE »	<p>Colour: dark grey-green Grain Size: aphanitic 240.8-241.9</p>		<p>‡240.8-251.9‡ «str talc, serp, local silic»</p> <p>240.8-241.9</p>	<p>240.8-241.9</p>	<p>240.8-251.9</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-pale grey, aphanitic weak foliation @ -grad into talc serp below 241.9-251.9 -dark grey green patchy appearance -slicks of frags @ -strong foliation @ -sharp lower contact @	50 45 45 60	-str talc and silic'n 241.9-251.9 -str talc-serp with 10% qtz veining	-v. minor diss py {241.9-242.9} -«5% coarse py» {242.9-251.9} -«2% py» diss and stringers	-massive core >95% recovery
251.90 TO 261.20	«MAFIC VOLC » E.O.H.	Colour: grey green Grain Size: fine -5% fine feldsp phenos locally visible -massive; f.g. grey volc		-v. minor carb stringers 255.5-256.5 -weak silicification	{255.5-256.5} -«2% diss py»	massive broken core 95% recovery

Sample	From (m)	To (m)	Length (m)	ASSAYS					GEOCHEMICAL					COMMENTS
				Cu %	Zn %	Pb %	Ag gm/T	Au gm/t	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm	
BCD19829	25.00	28.00	3.00						27	24	39	0.7	63	
BCD19830	34.00	35.00	1.00						4	25	33	0.5	6	
BCD19832	44.50	45.10	0.60						197	14	38	1	21	
BCD19833	48.30	50.00	1.70						43	15	40	0.6	20	
BCD19834	50.00	52.20	2.20						155	20	45	0.8	11	
BCD19836	53.90	54.40	0.50						66	27	90	1.1	5	
BCD19837	63.00	64.00	1.00						12	26	39	0.6	1	
BCD19838	65.90	67.00	1.10						3	25	13	0.7	8	
BCD19839	67.00	68.20	1.20						11	26	17	0.7	11	
BCD19841	75.30	77.50	2.20						34	29	17	0.4	9	
BCD19842	77.50	79.60	2.10						26	19	39	0.4	2	
BCD19843	80.50	82.00	1.50						112	24	38	0.7	38	
BCD19845	83.50	85.00	1.50						20	27	59	1.2	265	
BCD19846	85.00	86.50	1.50						6780	26	77	7.1	189	
BCD19847	86.50	87.60	1.10						714	21	53	1.4	50	
BCD19848	87.60	89.10	1.50						23	26	12	0.7	2	
BCD19849	89.10	90.60	1.50						22	24	8	0.6	14	
BCD19850	90.60	92.10	1.50						12	23	11	0.7	12	
BCD19851	92.10	93.60	1.50						6	22	9	0.7	16	
BCD19852	93.60	95.10	1.50						9	20	27	0.7	8	
BCD19853	95.10	93.40	-1.70						36	26	12	0.9	7	
BCD19856	138.10	140.60	2.50						4	17	20	0.8	44	
BCD19857	140.60	143.30	2.70						32	16	26	0.7	3	
BCD19858	143.30	144.50	1.20						18	12	23	0.5	4	
BCD19859	144.50	146.00	1.50						34	15	30	0.6	5	
BCD19860	155.50	157.60	2.10						7	12	22	0.5	3	
BCD19862	174.80	176.20	1.40						3	12	17	0.3	7	
BCD19863	176.20	177.70	1.50						4	9	17	0.3	3	
BCD19866	217.30	218.40	1.10						2	10	27	0.2	9	
BCD19870	241.90	242.90	1.00						46	22	38	0.9	16	

Sample	From (m)	To (m)	Length (m)	Al2O3 %	BaT %	CaO %	Fe2O3 %	K2O %	MgO %	MnO %	Na2O %	P2O5 %	SiO2 %	TiO2 %	S %	TOTAL %	Ag ppm	As ppm	Ba ppm	Cu ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb
BCD19826	9.60	12.20	2.60	17.53	0.105	1.7	3.25	6.56	0.88	0.07	4.44	0.07	61.6	0.41	0.07	96.68	0.7	9	25	74	20	1	65	5
BCD19827	12.20	15.40	3.20	16.53	0.125	3.98	5.18	5.77	3.25	0.1	3.4	0.16	55.74	0.69	0.08	95	1.3	1	215	31	43	1	78	10
BCD19828	20.00	23.00	3.00	17.89	0.055	6.55	4.35	1.24	1.51	0.11	3.85	0.18	59.69	0.42	0.04	95.86	0.5	5	61	11	17	1	49	5
BCD19831	37.00	39.20	2.20	18.18	0.02	8.55	9.01	0.38	4.12	0.18	3.12	0.25	48.39	0.76	0.01	92.98	1.2	1	37	66	43	4	89	5
BCD19835	52.30	53.90	1.60	16.39	0.14	4.88	5.28	4.2	3.19	0.1	3.48	0.18	56.19	0.68	0.1	94.8	1.3	1	141	36	32	2	78	5
BCD19840	72.00	75.00	3.00	16.33	0.15	4.8	5.74	5.05	3.47	0.1	3.16	0.18	54.18	0.87	0.11	94.15	1.1	1	389	34	38	2	65	5
BCD19844	82.00	83.50	1.50	15.45	0.05	4.11	8.21	3.18	2.96	0.1	0.78	0.17	57.43	0.36	2.1	94.89	0.8	4	178	70	27	1	64	200
BCD19854	99.00	101.00	2.00	15.55	0.035	2.71	10.71	3.39	3	0.09	0.44	0.16	55.54	0.36	5	96.99	0.8	24	75	166	40	1	66	140
BCD19855	116.00	119.00	3.00	17.47	0.045	5.15	5.43	2.48	2.22	0.12	3.25	0.17	56.58	0.48	0.07	93.47	0.5	1	64	24	23	1	62	15
BCD19861	164.50	166.50	2.00	14.5	0.18	7.04	7.17	3.16	5.93	0.13	2.45	0.26	50.61	1.05	0.11	92.59	2.2	1	1099	43	55	6	88	5
BCD19864	184.00	187.00	3.00	14.55	0.155	5.37	6.05	3.02	4.22	0.13	2.87	0.21	55.73	0.85	0.12	93.28	1.9	1	273	37	65	5	101	5
BCD19865	187.00	189.00	2.00	17.37	0.045	3.18	2.87	1.83	1.09	0.05	5.43	0.12	63.38	0.3	0.04	95.7	0.3	1	69	6	7	1	30	5
BCD19867	223.00	226.00	3.00	16.96	0.06	4.07	3.33	2.71	1.62	0.09	3.03	0.14	62.04	0.35	0.02	94.42	0.3	6	81	5	8	1	37	5
BCD19868	232.00	235.00	3.00	13.48	0.015	6.89	4.39	0.76	8.05	0.14	1.8	0.26	53.96	0.24	0.01	90	0.7	1	25	4	49	4	61	5
BCD19869	238.00	240.00	2.00	17.33	0.055	2.32	2.53	3.71	2.96	0.1	1.96	0.13	63.56	0.28	0.03	94.97	0.2	1	123	4	20	1	43	10
BCD19871	247.00	250.00	3.00	1.73	0.03	14.56	9.1	0.01	20.72	0.69	0.02	0.54	28.77	0.01	0.64	76.82	0.5	1	248	22	83	12	39	5