

HOLE NUMBER: TM92-44

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS:

METRIC UNITS: X

PROJECT NAME: WILDROSE
PROJECT NUMBER: 672
CLAIM NUMBER:
LOCATION:

PLOTTING COORDS GRID: TAM'91
NORTH: 8.00N
EAST: 1765.00E
ELEV: 1045.00

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

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COLLAR DIP: -45°
LENGTH OF THE HOLE: 286.50m
START DEPTH: 0.00m
FINAL DEPTH: 286.50m

COLLAR GRID AZIMUTH: 0 1 11

COLLAR ASTRONOMIC AZIMUTH: 270° | "

DATE STARTED: December 8, 1992
DATE COMPLETED: December 10, 1992
DATE LOGGED: December 10, 1992

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

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

CONTRACTOR: BERGERON DRILLING
CASING:
CORE STORAGE:

PURPOSE:

DIRECTIONAL DATA:

[illegible]

HOLE NUMBER: TM92-44

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.00	«CASING»					
3.00 TO 7.00	«CHERTY TUF F»	Colour: buff -moderately broken -moderate fine fracture network -local wk foliation/banding @ 60-90 deg TCA		{3.0-5.9} «i oxidation»	{3.0-7.0} «tr py» -as fine dissem.	
7.00 TO 11.80	«DIORITE»	Colour: buff/light green Grain Size: f.gr. -aphyric, f.gr. diorite -white and grey qtz/calcite stringers 1-6 mm wide, approx 1 per 40 cm @ 40-70 deg TCA		{7.0-11.8} «wk arg + wk ser»	«0.5% py» -as fine dissem. and med. grains within the qtz/calcite stringers	This unit could be an ash tuff
11.80 TO 23.80	«CHERTY TUF F»	Colour: buff/light green -60% cherty lenses and bands up to 5 cm wide interlayered with 40% tuffaceous beds -possible narrow diorite intervals <20 cm wide, <10% overall -buff qtz/calcite stringers 2-8 mm wide, approx 1 per 30 cm @ all orientations -moderate fault @ 20.6 m with an associated 20 cm wide qtz stringer zone (stringers and fault oriented @ 75 deg TCA) {20.5-20.6} «mod flt» {20.5-20.7} «qtz stringer zone»		{11.8-23.8} «wk arg»	«0.5% py as fine dissem.»	
23.80 TO 31.90	«TUFFACEOUS CHERT»	Colour: light grey -weak to moderately fractured -90% chert with 10% tuffaceous layers and lenses up to 2 cm wide -fine fractures are locally filled with qtz and py -vuggy, pyritic white qtz stringers 3-7 mm wide, approx 1 per 50 cm @ all orientations		{23.8-31.9} «wk arg, wk ser»	«0.5% py» -as medium disseminations	
31.90 TO 34.30	«DIORITE»	Colour: buff/light green Grain Size: f.gr. -aphyric diorite -dark grey and white quartz stringers 2-10 mm wide approx 1 per 30 cm @ 60-90 deg TCA		{31.9-34.3} «wk to mod arg, wk ser»	{31.9-34.4} «0.5% py» -as fine disseminations	This unit could be an ash tuff

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DRILL HOLE RECORD

LOGGED BY: S. BLOWER

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-often offset by small fractures -occasionally vuggy				
34.30 TO 40.70	«CHERTY TUF F»	Colour; light apple green and grey Grain Size: -weak fine fracture network -minor chert intervals up to 10 cm wide -fine fractures are filled by silica and/or pyrite		‡374.3-40.7‡ «mod ser»	«1% py» -as med. dissem. (more commonly within the chert layers) and med. stringers up to 3 mm wide	
40.70 TO 41.40	«QTZ VEIN»	Colour: dark grey Grain Size: f.gr. -50% qtz in an intensely broken fault zone -the otehr 50% of the core is cherty tuff pieces -the quartz may be intensely silicified cherty tuff, but it contain stylolites and is very pyritic -stylolites parallel to weak banding @ ‡40.7-41.4‡ «major flt»	70		«3% py» -as fine stylolites and clusters up to 3 mm wide	
41.40 TO 44.20	«CHERTY TUF F»	Colour: light grey Grain Size: -fine fracture network filled by white and dark grey silica and occasional pyrite -lower contact is irregular, but probably, intrusive		‡41.4-44.2‡ «wk arg»	‡41.4-44.2‡ «0.5% py» -as fracture fillings	
44.20 TO 52.50	«DIORITE?»	Colour: light grey/green Grain Size: f.gr. 44.2-50.8 -aphyric, massive diorite -dark grey qtz/chlorite veinlets 1-3 cm wide, approx 1 per 10 cm @ all orientations -lower contact is a wk. fault @ ‡50.7-50.8‡ «wk flt» 50.8-52.5 -intensely foliated fragmental diorite (?)	75	‡44.2-50.8‡ «mod ser» ‡50.8-52.5‡ «mod ser, mod arg»	«0.5% py» -as fine dissem. «0.5% py» -as fine dissem. and one clast 1 cm wide of massive pyrite	This unit may be an ash tuff

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-fragmental texture with 55 white, angular qtz(?) clasts up to 2 cm long and 20% buff diorite (?) clasts and one 1 cm massive pyrite clasts in an aphanitic diorite(?) matrix -intense foliation @ 60-90 deg TCA ‡50.8-52.5‡ «i foliated»				
52.50 TO 62.80	«FELDSPAR PORPHYRY DY KE»	Colour: buff to med. grey Grain Size: c.gr. -diorite dyke with 3-5% coarse plagioclase pheno- crysts in an aphanitic matrix -upper contact is moderate fault ‡52.5-52.7‡ «mod flt» -lower contact is intrusive @	50	‡52.5-60.0‡ «mod dol, mod arg» ‡60.0-62.8‡ «wk arg» #	‡52.5-62.8‡ «tr py as fine dissem.»	
62.80 TO 64.50	«CHERTY TUF F»	Colour: buff/light grey Grain Size: -mottled and weakly banded -white qtz and carbonate stringers 1-5 mm wide, approx 1 per 20 cm @ all orientations -lower contact is a moderate fault containing a 20 cm qtz stringer, banded grey and white, parallel to the contacts @ ‡64.3-64.5‡ «20 cm qtz stringer» ‡64.4-64.5‡ «mod flt»	70	‡62.8-64.5‡ «wk ser»	‡62.8-64.5‡ «0.5% py» -as fine dissem., the qtz stringer contains trace fine pyrite	
64.50 TO 65.10	«FELDSPAR PORPHYRY DYKE»	Colour: buff Grain Size: c.gr. Porphyritic diorite containing 3% coarse plagio- clase laths in an aphanitic matrix -white clay stringers 2-3 mm wide @ 20-30 deg TCA approx 1 per 30 cm -the lower contact is intrusive and @	60	‡64.5-65.1‡ «mod carb, arg»	‡64.5-65.1‡ «tr py» -as fine dissems.	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
65.10 TO 65.20	«I ALTERED ULTRAMAFIC»	Colour: light grey -intensely foliated and banded @, parallel to the contacts -lower contact is a weak fault ‡65.1-65.2‡ «wk flt» -stylolites are present, parallel to the foliation	60	‡65.1-65.2‡ «i sil, wk. fuchsite»	‡65.1-65.2‡ «0.5% py + chromite» -pyrite occurs as medium disseminations -chromite occurs as fine, black disseminations	
65.20 TO 66.80	«DIORITE?»	Colour: med. green Grain Size: f.gr. -mottled and finely fractured, with the fine fractures defining a weak foliation @ -aphyric with rare ghost mafic (pyroxene?) phenocrysts -lower contact is a weak fault @ ‡66.7-66.8‡ «wk flt»	50 60	‡65.2-66.8‡ «wk arg»	‡65.2-66.8‡ «1% py» -as rare fine clusters up to 2 cm in diameter	
66.80 TO 67.60	«I ALTERED ULTRAMAFIC»	Colour: light grey Grain Size: -i foliation parallel to the fault in the upper contact @ -the foliation is locally contorted	60	‡66.8-67.6‡ «i sil, wk fuchsite» -traces of a v.f., pink zeoloite?	«0.5% py, 1% chromite» -pyrite occurs as fine clusters up to 7 mm wide -chromite occurs as fine, black disseminations	
67.60 TO 68.60	«FELDSPAR PORPHYRY DYKE»	Colour: buff Grain Size: m.gr. -1% medium grained fsp phenocrysts in an aphanitic groundmass have been completely replaced by clay -weak fault @ the lower contact ‡68.5-68.6‡ «wk flt»		‡67.6-68.6‡ «mod arg, wk ser»		
68.60 TO 90.40	«DIORITE?»	Colour: medium grey Grain Size: f.gr. 68.6-72.4 -dolomite stringer zone -rare ghost-like medium plag. phenocrysts (<1%) -common multi-stage stringers up to 4 cm wide		‡68.6-72.4‡ «wk ser + fuchsite»	‡68.6-72.4‡ «tr py» -as fine dissem. -the carbonate stringers contain no sulphides	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		approx 1 per 30 cm; locally brecciating the wall rock -stringers are made up clear, comb textured fluorite(?) and buff dolomite 72.4-90.4: mottled diorite -med. green, f.gr.		72.4-90.4 «wk ser»	«1% py + tr cpy» -pyrite occurs as fine disseminations -chalcopyrite occurs as med. dissem. within the white quartz stringers	
90.40 TO 117.80	«CHERTY TUF F»	Colour: med. grey Grain Size: -weak, fine fracture network throughout (commonly filled by silica) -rare white or grey qtz stringers, 1-7 mm wide, approx 1 per 2 meters -50% tuffaceous layers up to 10 cm wide		«local wk ser»	«0.5% py» -as fine disseminations	
117.80 TO 124.50	«DIORITE»	Colour: dark green Grain Size: f.gr. -massive diorite, aphyric, with occasional minor chert intervals <10 cm wide (<5% overall) -white and grey quartz stringers 1-8 mm wide, approx 1 per 10 cm @ all orientations -some of the qtz stringers contain a salmon pink mineral (K-spar?) (up to 50% of the stringer)		«wk arg»	«0.5% py» -as fine dissem. and occasional clusters <1 cm wide	
124.50 TO 131.40	«TUFFACEOUS CHERT»	Colour: med. grey Grain Size: -chert in layers up to 15 cm wide separated by tuff beds (20%), 1-2 cm wide -bedding @ 60-80 deg TCA -white quartz stringers 1-8 mm wide, approx 1 per 40 cm @ all orientations -both contacts are intrusive (?)			«0.5% py» -as fine disseminations	
131.40 TO 152.20	«DIORITE»	Colour: dark green Grain Size: f.gr. -aphyric massive diorite -5% white calcite and qtz/calcite stringers 2-12 mm wide @ all orientations			«0.5% py, tr cpy»	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-occasional minor chert xenolith (?) up to 10 cm wide (<1%) -local fine fracture network filled by black chlorite				
152.20 TO 155.00	«CHERT»	Colour: dark grey/green Grain Size: -fine fracture network filled by silica and chlorite (fractures <1 mm wide, approx 1 per 2 cm -both controls are intrusive			«0.5% py» -as fine to med. dissem.	
155.00 TO 176.10	«DIORITE»	Colour: dark green Grain Size: f.gr. -occasional interval of 5-10% fine plag. pheno-crysts -white qtz and qtz/calcite stringers 2-12 mm wide, approx 1 per 40 cm @ all orientations -minor chert intervals <0.3 m wide, <1% overall		«local wk arg»	«0.5% py, tr cpy, tet?, hem» -most of the pyrite and all of the other minerals occur in the qtz and qtz/calcite stringers	
176.10 TO 180.80	«TUFFACEOUS CHERT»	Colour: med. green/grey Grain Size: -mottled, occasionally banded with 2 cm wide tuffaceous beds between chert layers (20-60 deg TCA) -white and grey qtz stringers 2-15 mm wide, approx 1 per 30 cm @ 20-70 deg TCA -very vuggy and fractured from 178.9-180.8		‡178.9-180.8‡ «mod arg»	‡176.1-180.8‡ «0.5% py+tet» -most of the pyrite and all of the tetrahedrite occurs in qtz stringers as fine disseminations	
180.80 TO 186.70	«DIORITE»	Colour: med. green Grain Size: f.gr. -locally, porphyritic with 25% fine, plagioclase phenocrysts -white qtz stringers 1-8 mm wide, approx 1 per 50 cm @ all orientations -one banded carbonate (not calcite) stringer 2 cm wide @ 185.7		‡180.8-181.8‡ «mod arg»	‡180.8-186.7‡ «0.5% py» -as fine disseminations + rare stringers	
186.70 TO 227.00	«TUFFACEOUS CHERT»	Colour: light green/grey Grain Size: -chert is interlayered with 30% tuffaceous layers 1-10 cm wide -occasional narrow diorite, intervals (sills?) <0.4 m wide -fine, chloritic fracture network		‡193.6-210.5‡ «mod ser» -commonly in the tuffaceous layers and as envelopes around qtz stringers	‡186.7-227.0‡ «0.5% py, tr tet» -pyrite occurs as fine disseminations in and out of qtz stringers -tet occurs as fine, dark dissem. in qtz stringers	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-white qtz stringers <1 cm wide approx 1 per 50 cm @ all orientations				
227.00 TO 229.40	«DIORITE»	Colour: med. grey/green Grain Size: m.gr. -porphyritic diorite with 25% medium, beige plagioclase phenocrysts in a green aphanitic matrix -cherty bands (xenoliths?) up to 10 cm wide, approx 10% overall -crowded phenocrysts give a speckled texture -white qtz stringers 1-4 mm wide, approx 1 per 10 cm @ all orientations			«0.5% py» -as fine disseminations	
229.40 TO 230.90	«TUFFACEOUS CHERT»	Colour: light grey Grain Size: -mottled and weakly banded -grey and white qtz stringers 4-9 mm wide, approx 1 per 40 cm -the contacts are irregular and intrusive			‡229.4-230.9‡ «0.5% py» -as fine disseminations	
230.90 TO 250.80	«DIORITE»	Colour: dark to med. green Grain Size: f.gr. -massive diorite with occasional speckled porphyritic intervals up to 20 cm wide with 20% fine plagioclase phenocrysts -5% white, qtz and qtz/calcite stringers 1-10 mm wide, approx 1 per 20 @ all orientations		«local wk arg»	«1% py + tr cpy» -pyrite occurs as fine to med. dissem. and minor clusters -chalcopyrite occurs in occasional qtz/calcite stringers	
250.80 TO 253.00	«ALTERED ULTRAMAFIC»	Colour: medium apple green Grain Size: f.gr. to m.gr. -intensely mottled, banded and speckled -intense foliation @ -white and grey qtz stringers 1-8 mm wide, approx 1 per 40 cm @ all orientations -one 20 cm interval of diorite	70	«i sil, wk fuchsite»	«0.5% py, 1% chromite» -as fine disseminations	
253.00 TO 286.50	«CHERTY TUF F»	Colour: dark grey and buff Grain Size: 253.0-261.8 -intensely foliated, carbonaceous cherty tuff -intense foliation @ 20-70 deg TCA		‡253.0-261.8‡ «mod ser»	‡253.0-261.8‡ «0.5% py» -as fine to coarse disseminations	

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MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<ul style="list-style-type: none">-mottled and banded textures-white qtz stringers 2-10 mm wide, approx 1 per 25 cm @ all orientations-the qtz stringers are often folded and boudinaged-moderately carbonaceous <p>261.8-266.8</p> <ul style="list-style-type: none">-weakly foliated, carbonaceous cherty tuff <p>-mottled textures</p> <ul style="list-style-type: none">-minor white qtz stringers, 4-12 mm wide approx 1 per meter @ 30-90 deg TCA <p>-fine, chloritic fracture network</p> <p>261.8-266.8</p> <ul style="list-style-type: none">-weakly foliated, carbonaceous cherty tuff <ul style="list-style-type: none">-fine fracture network with <1 mm wide fractures filled with chlorite and qtz-possible wk faults @ 267.7 m and 275.9 m-moderate fault @ 285.2 m <p>267.6-267.7 «possible wk flt»</p> <p>275.9-276.0 «possible wk flt»</p> <p>285.0-285.2 «mod flt»</p> <ul style="list-style-type: none">-tuffaceous beds are 2-25 cm wide, approx 20% of the core and may contain lithic lapilli <ul style="list-style-type: none">-beds are commonly oriented @ 50-60 deg TCA		<p>261.8-266.8 «wk sericite»</p> <p>266.8-286.5 «local wk arg»</p>	<p>261.8-266.8 «0.5% fine py»</p> <p>-as fine to coarse disseminations</p> <p>266.8-286.5 «0.5% py»</p> <p>-as fine dissem.</p>	
	E.O.H.					

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DRILL HOLE RECORD

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HOLE NUMBER: TM92-44

ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	COMMENTS
15401	3.00	5.00	2.00	
15402	5.00	7.00	2.00	
15403	7.00	9.50	2.50	
15404	9.50	11.80	2.30	
15405	11.80	14.80	3.00	
15406	14.80	17.80	3.00	
15407	17.80	20.50	2.70	
15408	20.50	20.70	0.20	
15409	20.70	23.80	3.10	
15410	23.80	26.80	3.00	
15411	26.80	29.80	3.00	
15412	29.80	31.90	2.10	
15413	31.90	34.30	2.40	
15414	34.30	37.30	3.00	
15415	37.30	40.70	3.40	
15416	40.70	41.40	0.70	
15417	41.40	44.20	2.80	
15418	44.20	47.20	3.00	
15419	47.20	50.80	3.60	
15420	50.80	52.50	1.70	
15421	52.50	55.50	3.00	
15422	55.50	58.50	3.00	
15423	58.50	60.00	1.50	
15424	60.00	62.80	2.80	
15425	62.80	64.30	1.50	
15426	64.30	64.50	0.20	
15427	64.50	65.10	0.60	
15428	65.10	66.80	1.70	
15429	66.80	67.60	0.80	
15430	67.60	68.60	1.00	
15431	68.60	71.60	3.00	
15432	71.60	74.60	3.00	
15433	74.60	77.60	3.00	
15434	77.60	80.60	3.00	
15435	80.60	83.60	3.00	
15436	83.60	86.60	3.00	
15437	86.60	88.50	1.90	
15438	88.50	90.40	1.90	

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ASSAY SHEET

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HOLE NUMBER: TM92-44

ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	
15439	90.40	93.40	3.00	
15440	93.40	96.40	3.00	
15441	96.40	99.40	3.00	
15442	99.40	102.40	3.00	
15443	102.40	105.40	3.00	
15444	105.40	108.40	3.00	
15445	108.40	111.40	3.00	
15446	111.40	114.40	3.00	
15447	114.40	117.80	3.40	
15448	117.80	120.80	3.00	
15449	120.80	122.70	1.90	
15450	122.70	124.50	1.80	
15451	124.50	127.50	3.00	
15452	127.50	129.40	1.90	
15453	129.40	131.40	2.00	
15454	131.40	134.40	3.00	
15455	134.40	137.40	3.00	
15456	137.40	140.40	3.00	
15457	140.40	143.40	3.00	
15458	143.40	146.40	3.00	
15459	146.40	149.40	3.00	
15460	149.40	152.20	2.80	
15461	152.20	155.00	2.80	
15462	155.00	158.00	3.00	
15463	158.00	161.00	3.00	
15464	161.00	164.00	3.00	
15465	164.00	167.00	3.00	
15466	167.00	170.00	3.00	
15467	170.00	173.00	3.00	
15468	173.00	176.10	3.10	
15469	176.10	179.10	3.00	
15470	179.10	180.80	1.70	
15471	180.80	183.80	3.00	
15472	183.80	186.70	2.90	
15473	186.70	189.70	3.00	
15474	189.70	191.70	2.00	
15475	191.70	193.60	1.90	
15476	193.60	196.60	3.00	

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ASSAY SHEET

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DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	
15477	196.60	199.60	3.00	
15478	199.60	202.60	3.00	
15479	202.60	205.60	3.00	
15480	205.60	208.60	3.00	
15481	208.60	210.50	1.90	
15482	210.50	213.50	3.00	
15483	213.50	216.50	3.00	
15484	216.50	219.50	3.00	
15485	219.50	222.50	3.00	
15486	222.50	225.50	3.00	
15487	225.50	227.00	1.50	
15488	227.00	229.40	2.40	
15489	229.40	230.90	1.50	
15490	230.90	233.90	3.00	
15491	233.90	236.90	3.00	
15492	236.90	239.90	3.00	
15493	239.90	242.90	3.00	
15494	242.90	245.90	3.00	
15495	245.90	248.90	3.00	
15496	248.90	250.80	1.90	
15497	250.80	253.00	2.20	
15498	253.00	256.00	3.00	
15499	256.00	259.00	3.00	
15500	259.00	261.80	2.80	
15501	261.80	264.80	3.00	
15502	264.80	266.80	2.00	
15503	266.80	269.80	3.00	
15504	269.80	272.80	3.00	
15505	272.80	275.80	3.00	
15506	275.80	278.80	3.00	
15507	278.80	281.80	3.00	
15508	281.80	284.80	3.00	
15509	284.80	286.50	1.70	

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ASSAY SHEET

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HOLE NUMBER: TM92-45

MINNOVA INC.
DRILL HOLE RECORD

IMPERIAL UNITS:

METRIC UNITS: X

PROJECT NAME: WILDROSE
PROJECT NUMBER: 628
CLAIM NUMBER:
LOCATION:

PLOTTING COORDS GRID: TAM'91
 NORTH: 2.00N
 EAST: 1750.00E
 ELEV: 1080.00

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

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COLLAR DIP: -45° 0' 0"
LENGTH OF THE HOLE: 225.60m
START DEPTH: 0.00m
FINAL DEPTH: 225.60m

COLLAR GRID AZIMUTH: 0 1 11

COLLAR ASTRONOMIC AZIMUTH: 270° 0' 0"

DATE STARTED: December 11, 1992
DATE COMPLETED: December 13, 1992
DATE LOGGED: December 13, 1992

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

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

CONTRACTOR: BERGERON DRILLING
CASING:
CORE STORAGE:

PURPOSE:

DIRECTIONAL DATA:

[illegible]

HOLE NUMBER: TM92-45

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 3.00	«CASING»					
3.00 TO 14.60	«CHERT»	<p>Colour: black to dark grey Grain Size: -intense fine fracture network filled with qtz (fractures <1 mm wide approx 2 per cm) -moderately carbonaceous -silica filled veinlets become larger and denser near the lower contact (40% of the core is silica veinlets up to 5 mm wide from 13.9-14.6) -the core is moderately broken throughout -weak fault @ the lower contact</p> <p>‡13.9-14.6‡ «qtz stringer zone» ‡14.5-14.6‡ «wk flt»</p>			<p>‡3.0-14.6‡ «1% py» -as fine to med. stringrs 1-3 mm wide, approx 1 per 30 cm</p>	
14.60 TO 15.20	«ULTRAMAFIC »	<p>Colour: light grey and bright green Grain Size: -intensely altered ultramafic (listwanite) -moderate foliation @ -mottled texture may be reflecting a local brecciation</p>	75	‡14.6-15.2‡ «i silica, mod fuchsite»	<p>‡14.6-15.2‡ «7% py» -as medium clusters up to 2 cm wide</p>	
15.20 TO 40.30	«TUFFACEOUS CHERT»	<p>Colour: dark grey to light grey Grain Size: 15.2-37.9 -weak to moderately carbonaceous -locally broken, fine silica filled fracture network -weak to moderately carbonaceous -<10% tuffaceous layers, usually <1 cm wide, but may be up to 20 cm wide oriented @ 20-60 deg TCA -rare white qtz stringers 2-6 mm wide, approx 1 per 2 m @ all orientations</p> <p>37.9-40.3 -weakly silicified -white to light grey</p> <p>-50% white, speckled silicified tuffaceous chert layers up to 20 cm thick interbedded with 50% tuffaceous layers up to 20 cm wide -beds are oriented @ 60-80 deg TCA</p>		<p>‡37.9-40.3‡ «wk sil alteration»</p>	<p>‡15.2-37.9‡ «0.5% py» -as fine disseminations and stringers</p> <p>‡37.9-40.3‡ «2% py» -as fine dissem., clusters and stringers, up to 2 mm wide</p>	

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DRILL HOLE RECORD

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
40.30 TO 41.40	«LITHIC LAP TUFF»	Colour: med. green Grain Size: f.gr. -lithic (diorite) clasts 1-30 mm in diameter in a fine matrix -clast supported, matrix is limy -fine network of white qtz/calcite veinlets 1-3 mm wide, approx 1 per 5 cm @ all orientations			40.3-41.4 «0.5% py» -as fine disseminations	
41.40 TO 44.90	«TUFFACEOUS CHERT»	Colour: light grey Grain Size: -80% chert layers 10-25 cm thick interbedded with tuffaceous layers 1-2 cm wide -fine, quartz filled fracture network -weak flt @ the lower contact @ 44.8-44.9 «wk flt»	55	41.4-44.9 «wk sil»	41.4-44.9 «1% py» -as fine dissem. and stringers 1-3 mm wide	
44.90 TO 47.30	«LITHIC LAP TUFF»	Colour: medium grey Grain Size: f.gr. -10% lithic clasts 0.5-5 cm in diameter supported by an aphanitic limy matrix -white calcite stringers 1-4 mm wide, approx 1 per 5 cm			44.9-47.3 «0.5% py» -as fine disseminations and stringers up to 2 mm wide	
47.30 TO 55.20	«TUFFACEOUS CHERT»	Colour: light to med. grey Grain Size: -weakly carbonaceous -locally broken -tuffaceous layers 1-2 cm thick separate chert layers up to 20 cm thick -beds @ 60-90 deg TCA -occasional narrow intervals <10 cm wide to qtz brecciated areas (230% qtz veinlets up to 1 cm wide)		47.3-55.2 «local wk sil»	47.3-55.2 «2% py» -as fine to med. disseminations, stringers and clusters up to 1 cm in diameter	
55.20 TO 60.30	«LITHIC LAP TUFF»	Colour: med. green Grain Size: f.gr. -locally clastic with up to 60% heterolithic (chert and diorite?) clasts up to 3 cm in diameter -supported by an ash matrix which otherwise con- stitutes 100% of the core -two narrow intervals of sub-massive pyrite -white calcite veinlets 1-3 mm wide, approx 1 per 10 cm @ all orientations -lower contact is a moderate fault			55.2-56.7 «2% py» -as fine disseminations and stringers, 1-2 mm wide 56.7-57.1 «30% py» -as fine, submassive layer (exhalative) 57.1-58.3 «1% py» -as fine dissem. and stringers 1-2 mm wide 58.3-58.6 «20% py»	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		‡60.2-60.3‡ «mod flt»			-as a submassive, very fine, exhalative (?) lens ‡58.6-60.3‡ «1% py» as fine to med. disseminations and stringers 1-2 mm wide	
60.30 TO 62.00	«TUFFACEOUS CHERT»	Colour: dark grey Grain Size: -mottled chert with 10% irregular tuffaceous layers up to 10 cm thick -moderate fine fracture network			‡60.3-62.0‡ «1% py» -as fine stringers 1-2 mm wide	
62.00 TO 66.40	«LITHIC LAP TUFF»	Colour: med. green Grain Size: f.gr. -angular heterolithic (chert and tuff) clasts 2-25 mm in diameter are supported by an aphanitic ash matrix. -lower contact is irregular and sedimentary			‡62.0-66.4‡ «0.5% py» -as very fine disseminations	
66.40 TO 81.20	«LITHIC LAP TUFF»	Colour: medium to dark grey Grain Size: -80% clastic tuff with 50% heterolithic chert and tuff clasts up to 2 cm in diameter supported by an ash matrix -20% dark grey carbonaceous chert layers up to 0.4 m thick -local moderate foliation (bedding?) in the tuff @ -white calcite stringers 1-4 mm wide @ all orientations approx 1 per 10 cm	65		‡66.4-81.2‡ «0.5% py» -as fine disseminations (increases in the cherty layers)	
81.20 TO 106.10	«TUFFACEOUS CHERT»	Colour: med. grey Grain Size: 81.2-87.4 -finely bedded, tuff chert -beds 1 mm - 20 cm, thick oriented @ 40-60 deg TCA -locally broken -weakly carbonaceous 87.4-90.0 -argillaceous tuff, chert -moderately broken, intensely argillaceous -1% white calcite lenses and stringers <3 mm wide, approx 1 per 5 cm			‡81.2-90.0‡ «0.5% py» -as fine disseminations are rare clusters and stringers	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>90.0-91.9 -mottled, weakly argillaceous, tuff chert -light grey -mottled texture, faintly banded with 20% tuffaceous beds up to 2 cm wide @</p> <p>91.9-94.7 -dark grey -intensely carbonaceous tuff, chert -massive, fine fracture network -occasional graphitic slip planes @ -intensely carbonaceous</p> <p>94.7-97.4 -weakly carbonaceous, finely bedded tuff, chert -fine bedding of tuffaceous material, 1-4 mm thick @ 30-60 deg TCA -slightly vuggy, weakly carbonaceous</p> <p>97.4-102.7 -intensely carbonaceous, massive, moderately broken, intensely carbonaceous -dark grey, black</p> <p>102.7-106.1 -silty tuffaceous chert -light grey -70% silty tuffaceous chert -(weakly carbonaceous) interbedded with 30% dark grey intensely carbonaceous tuff chert -locally broken -weak flt @ the lower contact @</p>	<p>60</p> <p>60</p> <p>60</p>		<p>‡91.9-94.7‡ «0.5% pyrite» -as fine clusters up to 1 cm in diameter</p> <p>‡94.7-97.4‡ «0.5% py» -as fine clusters up to 1 cm in diameter</p> <p>‡97.4-102.7‡ «0.5% py» -as fine clusters up to 1 cm in diameter</p> <p>‡102.7-106.1‡ «0.5% py» -as fine dissem.</p>	
106.10 TO 109.90	«SANDSTONE»	<p>Colour: med. grey Grain Size: -chert grains up to 1 mm make up 70% of the core in a siliceous matrix -moderately broken, weakly carbonaceous -overall grain size decreases with depth</p>			‡106.1-109.9‡ «0.5% py» -as fine to med. dissem.	
109.90 TO 129.50	«TUFFACEOUS CHERT»	<p>Colour: dark grey/black Grain Size: -moderately carbonaceous -massive with rare fine tuffaceous beds -white calcite veinlets 1-2 mm wide, approx 1</p>			‡109.9-129.5‡ «0.55 py» -as fine clusters, often within calcite stringers and lenses	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		per 10 cm, commonly @ 20-40 deg TCA -locally broken and intensely graphitic ‡124.5-124.6‡ «wk flt»				
129.50 TO 131.80	«CHERT PEBB LE CONGLOM»	Colour: med. grey Grain Size: c.gr. -heterolithic conglomerate with subangular clasts of variably coloured chert and tuffaceous chert 1-7 mm in diameter -no visible bedding -contact @ 10-30 deg TCA are sharp			‡129.5-131.8‡ «0.5% py» -as fine dissem.	
131.80 TO 150.80	«SANDSTONE»	Colour: light to dark grey Grain Size: f.gr. to m.gr. -70% sandstone containing fine chert and tuffaceous chert grains -30% argillaceous tuffaceous chert in layers <1 m wide -faint local foliation @ -parallel to minor calcite veinlets -the sandstone becomes coarse (2 mm grains) from 143.4-150.8	65		‡131.8-150.8‡ «0.5% py» -as fine dissem. and minor small clusters and stringers	
150.80 TO 180.80	«TUFFACEOUS CHERT»	Colour: medium to dark grey Grain Size: -locally broken, massive, moderately carbonaceous -minor bedding of tuffaceous material -common graphitic slip planes -major fault @ the lower contact «180.2-180.8‡ «major fault»			‡150.8-180.8‡ «0.5% py» -as fine disseminations	
180.80 TO 185.40	«LITHIC LAP TUFF»	Colour: light green/grey Grain Size: c.gr. -banded and clastic with 0.5-2 cm rounded volcanic green lapilli in an aphanitic ash matrix -the clasts are supported by the matrix (20% clasts) and are oriented parallel to a moderate foliation (bedding) @ 50-70 deg TCA -lower contact is sharp and parallel to the foliation -white qtz/calcite stringers 1-10 mm wide, approx 1 per 10 cm @ all orientations		‡180.8-185.4‡ «local mod ser»	‡180.8-185.4‡ «tr py» -as fine dissem.	

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
185.40 TO 187.40	«TUFFACEOUS CHERT»	Colour: dark grey Grain Size: -finely bedded with tuffaceous layers 2-4 mm thick. -beds are contorted but commonly oriented @ 20-30 deg TCA -weakly carbonaceous -lower contact is a weak flt @	65		{185.4-187.4} «1% py» -as fine dissem. and clusters <1 cm wide	
187.40 TO 212.50	«LITHIC LAP TUFF»	Colour: light grey/green Grain Size: m.gr. -clastic and banded with 5-10% volcanic clasts 0.2-2.5 cm in diameter, commonly oriented parallel to bedding @ 50-70 deg TCA -locally broken -minor white qtz calcite stringers <5 mm wide, approx 1 per 20 cm @ all orientations -lower contact is sharp and parallel to the foliation (bedding?)		{212.2-212.5} «mod ser»	{187.4-212.5} «0.5% py» -as fine dissem. and minor core clusters	
212.50 TO 225.60	«TUFFACEOUS CHERT» E.O.H.	Colour: light to dark grey Grain Size: -mixed dark, carbonaceous (moderately) tuff chert with lighter grey silty layers -occasional bedding @ in silty layers -locally broken	50		{212.5-225.6} «0.5% py» -as fine disseminations	

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ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	COMMENTS
15510	3.00	6.00	3.00	
15511	6.00	9.00	3.00	
15512	9.00	12.00	3.00	
15513	12.00	14.60	2.60	
15514	14.60	15.20	0.60	
15515	15.20	18.20	3.00	
15516	18.20	21.20	3.00	
15517	21.20	24.20	3.00	
15518	24.20	27.20	3.00	
15519	27.20	30.20	3.00	
15520	30.20	33.20	3.00	
15521	33.20	36.20	3.00	
15522	36.20	37.90	1.70	
15523	37.90	40.30	2.40	
15524	40.30	41.40	1.10	
15525	41.40	44.90	3.50	
15526	44.90	47.30	2.40	
15527	47.30	50.30	3.00	
15528	50.30	53.30	3.00	
15529	53.30	55.20	1.90	
15530	55.20	56.70	1.50	
15531	56.70	57.10	0.40	
15532	57.10	58.30	1.20	
15533	58.30	58.60	0.30	
15534	58.60	60.30	1.70	
15535	60.30	62.00	1.70	
15536	62.00	64.40	2.40	
15537	64.40	66.40	2.00	
15538	66.40	69.40	3.00	
15539	69.40	72.40	3.00	
15540	72.40	75.40	3.00	
15541	75.40	78.40	3.00	
15542	78.40	81.20	2.80	
15543	81.20	84.20	3.00	
15544	84.20	87.40	3.20	
15545	87.40	90.00	2.60	
15546	90.00	91.90	1.90	
15547	91.90	94.70	2.80	

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ASSAY SHEET

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ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)		
15548	94.70	97.40	2.70		
15549	97.40	100.40	3.00		
15550	100.40	102.70	2.30		
15551	102.70	106.10	3.40		
15552	106.10	108.00	1.90		
15553	108.00	109.90	1.90		
15554	109.90	112.90	3.00		
15555	112.90	115.90	3.00		
15556	115.90	118.90	3.00		
15557	118.90	121.90	3.00		
15558	121.90	124.90	3.00		
15559	124.90	127.90	3.00		
15560	127.90	129.50	1.60		
15561	129.50	131.80	2.30		
15562	131.80	135.00	3.20		
15563	135.00	138.20	3.20		
15564	138.20	141.40	3.20		
15565	141.40	144.60	3.20		
15566	144.60	147.80	3.20		
15567	147.80	150.80	3.00		
15568	150.80	153.80	3.00		
15569	153.80	156.80	3.00		
15570	156.80	159.80	3.00		
15571	159.80	162.80	3.00		
15572	162.80	165.80	3.00		
15573	165.80	168.80	3.00		
15574	168.80	171.80	3.00		
15575	171.80	174.80	3.00		
15576	174.80	177.80	3.00		
15577	177.80	180.80	3.00		
15578	180.80	183.30	2.50		
15579	183.30	185.40	2.10		
15580	185.40	187.40	2.00		
15581	187.40	190.40	3.00		
15582	190.40	193.40	3.00		
15583	193.40	196.40	3.00		
15584	196.40	199.40	3.00		
15585	199.40	202.40	3.00		

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ASSAY SHEET

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ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	
15586	202.40	205.40	3.00	
15587	205.40	208.40	3.00	
15588	208.40	210.50	2.10	
15589	210.50	212.50	2.00	
15590	212.50	215.50	3.00	
15591	215.50	218.50	3.00	
15592	218.50	221.50	3.00	
15593	221.50	224.50	3.00	
15594	224.50	225.60	1.10	

IMPERIAL UNITS: METRIC UNITS: X

CONTRACTOR: BERGERON DRILLING
CASING:
CORE STORAGE:

PURPOSE :

DIRECTIONAL DATA:

[illegible]

HOLE NUMBER: TM92-46

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 11.30	«CASING»					
11.30 TO 11.90	«FELDSPAR PORPHYRY»	Colour: light grey Grain Size: f.gr. -40% plagioclase (f.gr.) phenocrysts -irregular lower contact @ approx 25 with a chilled margin in the porphyritic unit -white clay and calcite stringers 1 cm wide approx 1 per 30 cm @	50	{11.3-11.9} «mod arg, mod sil»	{11.3-11.9} «tr py»	
11.90 TO 20.20	«DIORITE»	Colour: dark green Grain Size: aphanitic -aphanitic, massive diorite -2% white qtz stringers 2-8 mm wide approx 1 per 5 cm @ all orientations -some of the stringers are folded and others appear to be undeformed -moderate fault @ 16.1 m @ {16.1-16.2} «mod flt»	60		{11.3-11.9} «1% py» -as medium disseminations and clusters up to 1 cm in diameter, commonly within the qtz stringers	
20.20 TO 33.90	«ULTRAMAFIC »	Colour: light grey and green Grain Size: f.gr. -intensely mottled, banded and foliated @ 60-90 deg TCA -weak flt @ the upper contact, parallel to the foliation -intense fault zone @ 25.5-28.1 {20.2-20.3} «wk flt» {25.5-28.1} «i flt zone» -occasional white magnesite? stringers 3-8 mm wide approx 1 per meter		{20.2-33.9} «i talc»	{20.2-33.9} «0.5% py» -as fine disseminations and occasional clusters up to 1 cm in diameter	

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DRILL HOLE RECORD

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
33.90 TO 39.40	«DIORITE»	<p>Colour: light grey to dark green Grain Size: aphanitic -moderately foliated and banded -banding locally appears to be bedding (tuffaceous intervals?) @ 30-70 deg TCA</p> <p>-20% qtz stringers 0.5-3 cm wide, commonly parallel to the foliation</p> <p>-the stringers occasionally grade into pervasive silicification</p> <p>‡32.9-39.4‡ «qtz stringer zone»</p>		‡33.9-39.4‡ «moderate silicification» -tends to be confined to the finely banded intervals	‡33.9-39.4‡ «0.5% py» -as medium to coarse disseminated and occasional stringers, commonly within the qtz stringers	
39.40 TO 41.90	«FELDSPAR PORPHYRY»	<p>Colour: light grey Grain Size: m.gr. -porphyritic diorite with 30% plagioclase phenocrysts and 3% aphanitic green volcanic xenoliths 3-20 mm in diameter -white calcite stringers 3-8 mm wide, approx 1 per 20 cm -upper contact is intrusive @ and cuts the foliation/bedding? in the overlying unit</p>	60		‡39.4-41.9‡ «0.5% py» -as fine disseminations	
41.90 TO 44.10	«DIORITE»	<p>Colour: Grain Size: aphanitic -moderate foliation @ 70-80 deg TCA -20% qtz stringers 0.5-1 cm wide, parallel to the foliation and commonly boudinaged and contorted approx 1 per 5 cm</p> <p>-lower contact is irregular and @</p> <p>‡41.9-44.1‡ «qtz stringer zone»</p>	10	‡41.9-44.1‡ «mod silicification» -tends to be confined to the banded intervals	‡41.9-44.1‡ «0.5% py» -as fine to med. dissem. both in and out of the qtz stringers	
44.10 TO 45.30	«FELDSPAR PORPHYRY»	<p>Colour: light grey Grain Size: m.gr. -porphyritic diorite with 20% m.gr. plagioclase phenocrysts -common volcanic xenoliths <1 cm in diameter -pyritic calcite stringers up to 3 mm wide, approx 1 per 25 cm @ 30-50 deg TCA</p>			‡44.1-45.3‡ «1% py» -as fine dissem., commonly making up 30% of the calcite stringers (as clusters)	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
45.30 TO 63.30	«DIORITE»	<p>Colour: med. grey green Grain Size: aphanitic</p> <p>45.3-50.0 -qtz stringer zone</p> <p>-30% qtz in highly contorted and boudinaged white stringers 0.5-3 cm wide, approx 1 per 3 cm -finely banded (banding is contorted) parallel to the qtz stringers @ 60-90 deg TCA</p> <p>45.3-50.0 «qtz stringer zone»</p> <p>50.0-53.0 -relatively barren of qtz</p> <p>-aphanitic, massive diorite -minor white qtz and calcite stringers 1-3 mm wide approx 1 per 20 cm -minor medium grained interval</p> <p>53.0-63.3 -qtz stringer zone -finely banded (approx 2-6 mm wide) @ 60-80 deg TCA -qtz stringers and /or bands parallel to the foliation approx 1 per 10 cm (approx 5% of the interval is quartz)</p>		<p>45.3-50.0 «i sil, mod ser»</p> <p>53.0-63.3 «mod sil»</p>	<p>45.3-50.0 «1% py» -as fine disseminations in and out of the qtz stringers</p> <p>53.0-63.3 «1% py, tr galena» -the pyrite occurs as med. dissem. and clusters < 1 cm wide -galena occurs with coarse clusters of pyrite in a 3 cm qtz stringer @ 58.9m (galena is 1% of the qtz stringer)</p>	
63.30 TO 63.80	«FELDSPAR PORPHYRY»	<p>Colour: light grey/green Grain Size: m.gr.</p> <p>-porphyritic massive diorite -30% m.gr. plagioclase phenocrysts -minor xenoliths <1 cm in diameter</p> <p>-a pyritic white qtz stringer cuts the upper contact (which is oriented parallel to the foliation in the unit above @</p>	65	63.3-63.8 «possible weak sil»	63.8-63.8 «0.5% py» -as fine dissem. in the diorite and coarse dissem. in the qtz stringers	
63.80 TO 81.00	«DIORITE»	<p>Colour: medium to light grey Grain Size: aphanitic</p> <p>-finely banded with 0.2-1 cm bands that are commonly intensely folded</p> <p>-white qtz stringer and/or bands 0.3-3 cm wide,</p>		63.8-81.0 «mod sil»	63.8-81.0 «0.55 py, tr galena»	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		approx 1 per 5 cm, usually are parallel to the banding/foliation and are often folded. -some qtz stringers appear undeformed and may be a later stage (both are pyritic) -minor intervals (<1%) of porphyritic diorite (cutting the foliation) <20 cm wide -some of the qtz stringers/bands have the selvages of brown sericite			-py as fine to med. dissem (+ coarse clusters within the qtz stringers) -galena occurs as fine disseminations within a 1 cm wide qtz stringer @ 73.9 m	
81.00 TO 92.00	«FELDSPAR PORPHYRY»	Colour: light grey Grain Size: m.gr. -massive, porphyritic diorite -20% plagioclase phenos (m.gr.) -common volcanic xenoliths up to 3 cm in diameter -occasional white qtz stringers 5-12 mm wide (one contains coarse sphalerite @ 85.4)			{81.0-92.0} «0.5% py, tr sph» -pyrite occurs as fine dissem., in the diorite and coarse dissem. within the qtz stringers -sphalerite occurs as coarse dissem. in one qtz stringer @ 85.4	
92.00 TO 102.80	«DIORITE»	Colour: medium grey Grain Size: aphanitic -massive to finely banded -3% porphyritic diorite in intervals <30 cm wide, with contact subparallel to an intense foliation in the diorite (50-70 deg TCA) -white qtz stringers 2-30 mm wide approx 1 per 5 cm usually parallel to the foliation {92.0-102.8} «qtz stringer zone»		{92.0-94.5} «i silica» {94.5-100.5} «wk silica» {100.5-102.8} «i silica» -silicification tends to be confined to zones of pronounced banding	{92.0-102.8} «0.5% py» -as fine to med. dissem., in and out of qtz stringers + fine bands parallel to the foliation in intensely silicified zones	
102.80 TO 108.00	«FELDSPAR PORPHYRY»	Colour: light to med. grey Grain Size: f.gr. -massive porphyritic diorite with minor aphanitic intervals -upper contact @ 80 deg TCA cuts the banding in the above unit -pyritic qtz stringers 2-10 mm wide, approx 1 per 30 cm @ 30-60 deg TCA -occasionally contains sphalerite		{102.8-103.1} «mod arg»	{102.8-103.1} «0.5% py, tr sph» -pyrite occurs as fine dissem. in the diorite and coarse dissem in the qtz stringers -sph occurs as med. dissem in occasional qtz stringers	
108.00 TO 119.30	«DIORITE»	Colour: dark grey Grain Size: f.gr. to aphanitic -massive, locally finely banded @ 30-40 deg TCA -finely porphyritic from 114.7 to 117.9 -white qtz stringers 1-20 mm wide @ 0-80 deg TCA approx 1 per 20 mm wide @ 0-80 deg TCA 1 per 20 cm		{108.0-117.9} «wk ser» {117.9-119.3} «mod sil»	{108.0-113.7} «0.5% py» -as fine dissem. and occasional clusters to 5 mm in diameter {113.7-114.4} «5% py»	

HOLE NUMBER: TM92-46

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
					-as fine to coarse dissem. 114.4-119.3 «0.5% py» -as fine dissem.	
119.30 TO 155.20	«ULTRAMAFIC »	Colour: light to dark grey/green Grain Size: -intensely banded and foliated @ 0-70 deg TCA -ubiquitous narrow gouge filled fault zones 120.1-120.2 «wk flt» 128.1-128.3 «mod flt» 132.6-132.7 «wk flt» 154.6-155.2 «mod flt» -minor white qtz and/or magnesite stringers 2-8 mm wide approx 1 per meter @ 50-70 deg TCA		119.3-129.6 «mod talc» 129.6-135.3 «wk talc, wk sil» 135.3-144.9 «mod talc» 144.9-145.2 «i silica» 145.2-155.2 «mod talc»	119.3-144.9 «0.5% py, 0.5% chromite» 144.9-145.2 «2% py» -as coarse clusters 145.2-155.2 «0.5% py, 0.5% chromite» -as fine dissem.	
155.20 TO 155.70	«HORNBLende DIORITE»	Colour: black Grain Size: f.gr. -massive diorite(?) with 20% fine acicular horn- blende phenocrysts -the upper contact is a fault @ 65 deg TCA -white calcite stringers 1-8 mm wide, approx. 1 per 20 cm @ 20-40 deg TCA				
155.70 TO 157.90	«ULTRAMAFIC »	Colour: med. to dark green Grain Size: -speckled and banded parallel to an intense foliation @ 20-60 deg TCA -minor white qtz and magnesite(?) stringers 2-10 mm wide @ 40-60 deg TCA		155.7-157.9 «mod talc»	155.7-157.9 «0.5% py, 0.5% chromite» -as fine dissem.	
157.90 TO 176.00	«DIORITE»	Colour: dark green Grain Size: aphanitic to fine -massive diorite -finely porphyritic from 158.6-161.2 with 5% fine plagioclase phenocrysts. Contacts with aphanitic diorite are sharp and @ -white qtz stringer 3-12 mm wide, approx 1 per 25 cm @ all orientations, locally coalescing to breccerate the diorite	70		157.9-176.0 «0.5% py» -as fine to med. dissem.	

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DRILL HOLE RECORD

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MINNOVA INC.
DRILL HOLE RECORD

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
176.00 TO 183.90	«CHERTY TUF F»	Colour: dark grey/green Grain Size: aphanitic -finely banded/bedded @ 70-90 deg TCA -bands are 5-30 mm wide -common fine qtz/calcite veinlets 0.5-2 mm wide approx per 15 cm @ all orientations		‡176.0-183.9‡ «local mod silica»	‡176.0-183.9‡ «0.5% py» -as fine dissem.	
183.90 TO 196.70	«DIORITE»	Colour: dark green Grain Size: fine to aphanitic -aphanitic to finely porphyritic (10% plagioclase phenos) -white qtz/calcite stringer 2-12 mm wide, approx 1 per 10 cm @ 20-90 deg TCA -one 20 cm calcite lens @ 189.4-189.6			‡183.9-196.7‡ «<0.5% py, tr pyrrh, tr cpy» -pyrite as fine dissem. -chalco + pyrrh as rare fine to med. dissem.	
196.70 TO 198.90	«CHERT»	Colour: dark grey Grain Size: -intense hairline fracture network filled by dark grey and light grey silica and pyrite -(fractures <1 mm wide approx 2 per m) -some of the fractures may be stylolites -lower contact is intrusive @	70	‡196.7-198.9‡ «mod sil»	‡196.7-198.9‡ «0.5% py» -as very fine dissem. within fine fractures	
198.90 TO 201.40	«DIORITE»	Colour: dark green Grain Size: aphanitic -massive, aphanitic diorite with minor cherty lenses <10 cm in diameter -occasional vuggy qtz stringers 2-8 mm wide approx 1 per 50 cm @ 10-60 deg TCA			‡198.9-201.4‡ «0.5% py» -as fine dissem. + coarse dissem. within the qtz stringers	
201.40 TO 208.80	«CHERTY TUF F»	Colour: light grey Grain Size: -fine fracture network (moderate) with <1 mm wide fractures filled with light to dark grey silica approx 1 per cm -silica veinlets locally brecciate the cherty tuff		‡201.4-208.8‡ «mod sil»	‡201.4-208.8‡ «0.5% py, 0.5% pyrrh, tr cpy -all occurs as fine to med. dissem. and clusters <5 mm wide	
208.80 TO 234.70	«DIORITE»	Colour: dark green to grey Grain Size: aphanitic to fine -massive, aphanitic diorite with minor intervals <30 cm wide of fine plagioclase and hornblende phenocrysts			‡208.8-234.7‡ «0.5% py, tr pyrrh» -as fine disseminations	

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DRILL HOLE RECORD

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MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-calcite stringers are common, 5-10 cm wide, locally brecciating the diorite (approx 1/10cm) -occasional white qtz stringers and lenses up to 10 cm wide, approx 1/50 cm -occasional minor cherty intervals				

HOLE NUMBER: TM92-46

ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	COMMENTS
15595	11.30	11.90	0.60	
15596	11.90	14.90	3.00	
15597	14.90	17.90	3.00	
15598	17.90	20.20	2.30	
15599	20.20	23.20	3.00	
15600	23.20	26.20	3.00	
15726	26.20	29.20	3.00	
15727	29.20	32.20	3.00	
15728	32.20	33.90	1.70	
15729	33.90	36.90	3.00	
15730	36.90	39.40	2.50	
15731	39.40	41.90	2.50	
15732	41.90	44.10	2.20	
15733	44.10	45.30	1.20	
15734	45.30	48.30	3.00	
15735	48.30	50.00	1.70	
15736	50.00	53.00	3.00	
15737	53.00	56.00	3.00	
15738	56.00	59.00	3.00	
15739	59.00	62.00	3.00	
15740	62.00	63.30	1.30	
15741	63.30	63.80	0.50	
15742	63.80	66.80	3.00	
15743	66.80	69.80	3.00	
15744	69.80	72.80	3.00	
15745	72.80	75.80	3.00	
15746	75.80	78.80	3.00	
15747	78.80	81.00	2.20	
15748	81.00	84.00	3.00	
15749	84.00	87.00	3.00	
15750	87.00	90.00	3.00	
17701	90.00	92.00	2.00	
17702	92.00	94.50	2.50	
17703	94.50	97.50	3.00	
17704	97.50	100.50	3.00	
17705	100.50	102.80	2.30	
17706	102.80	105.80	3.00	
17707	105.80	108.00	2.20	

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ASSAY SHEET

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ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	
17708	108.00	111.00	3.00	
17709	111.00	114.00	3.00	
17710	114.00	117.00	3.00	

MINNOVA INC.
DRILL HOLE RECORD

METRIC UNITS: X

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PLOTting COORDS  GRID: TAM'91
                   NORTH:    2.00N
                   EAST:   1150.00E
                   ELEV:   1290.00

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

```

COLLAR DIP: -45° 0' 0"
LENGTH OF THE HOLE: 140.20m
START DEPTH: 0.00m
FINAL DEPTH: 140.20m

COLLAR GRID AZIMUTH: 0 1 11

COLLAR ASTRONOMIC AZIMUTH: 270° 0' 0"

DATE STARTED: December 16, 1992
DATE COMPLETED: December 17, 1992
DATE LOGGED: December 20, 1992

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

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

CONTRACTOR: BERGERON DRILLING
CASING:
CORE STORAGE:

DIRECTIONAL DATA:

[illegible]

HOLE NUMBER: TM92-47

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 2.10	«CASING»					
2.10 TO 18.40	«TUFFACEOUS CHERT»	<p>Colour: light grey</p> <p>Grain Size:</p> <p>-intense fine fracture network, fractures are often rusty, and are < 1 mm wide approx 1 per cm @ all orientations</p> <p>-they are usually filled by silica and occasionally pyrite</p> <p>-commonly vuggy, especially in the moderately silicified zones</p> <p>-intensely broken @ 14.7-18.4</p> <p>‡14.7-18.4‡ «i broken»</p>		<p>‡2.1-4.8‡ «i silica»</p> <p>-weakly oxidized</p> <p>‡4.8-6.8‡ «wk silica»</p> <p>-weakly oxidized</p> <p>‡6.8-18.4‡ «mod silica»</p>	<p>‡2.1-18.4‡ «<0.5% py»</p> <p>-commonly as fine grains within fractures, or as fine disseminations</p>	
18.40 TO 23.80	«DIORITE»	<p>Colour: rusty to dark green</p> <p>Grain Size: aphanitic</p> <p>-massive aphanitic diorite</p> <p>-intensely broken and gouged from 18.4-19.2</p> <p>-the intense alteration in the upper portion of the interval has destroyed all textures</p> <p>-rusty fractures and vugs are common within the less altered portions</p> <p>-moderate chaotic foliation @ 50-80 deg TCA</p> <p>‡18.4-19.2‡ «major flt»</p> <p>‡23.7-23.8‡ «wk flt»</p>	80	<p>‡18.4-22.0‡ «i arg, i oxidation»</p> <p>‡22.0-23.8‡ «wk arg»</p> <p>-weakly oxidized</p>	<p>‡18.4-23.8‡ «1% py»</p> <p>-as medium clusters 3-6 mm in diameter</p>	
23.80 TO 27.40	«TUFFACEOUS CHERT»	<p>Colour: white</p> <p>Grain Size:</p> <p>-intense fine fracture network with fractures <1 mm wide, approx 2-3 per cm, filled by silica</p> <p>-fractures are often rusty and may be lined by rusty adularia</p> <p>-common vugs are lined by euhedral drusy qtz and adularia?</p>		<p>‡23.8-29.4‡ «i silica»</p>	<p>‡23.8-27.4‡ «1% py»</p> <p>-as medium clusters 2-8 mm wide and occasional stringers/fracture fillings</p>	

HOLE NUMBER: TM92-47

DRILL HOLE RECORD

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FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
27.40 TO 27.80	«QUARTZ VEI N BRECCIA»	Colour: white/light grey Grain Size: f.gr. -intense breccia with 10% angular silicified cherty tuff clasts 0.5-15 mm in diameter; supported by a very fine grey qtz matrix -contacts @ -true width is approx 20 cm	10		‡27.4-27.8‡ «0.5% py» -as medium disseminations, most commonly within the qtz matrix	
27.80 TO 30.10	«TUFFACEOUS CHERT»	Colour: light grey Grain Size: -intense fine silica filled fracture network -moderate foliation @ 28.5-30.1 m signifies a possible change in lithology but too much alteration to tell -common rusty vugs and fractures		‡27.8-30.1‡ «i silica»	‡27.8-30.1‡ «5% py» -as large, medium to coarse clusters 0.5-4 cm in diameter	
30.10 TO 31.90	«DIORITE»	Colour: med. green Grain Size: aphanitic -fine, black chloritic veinlets <1 mm wide -upper contact is a moderate fault ‡30.1-30.2‡ «mod flt» -lower contact is oriented @ 40 deg TCA and is very sharp		‡30.1-31.9‡ «mod ser»	‡30.1-31.9‡ «0.5% py» -as fine stringers and dissem.	
31.90 TO 32.40	«CHERT»	Colour: black Grain Size; -intensely fractured and filled by 5% silica and 3% pyrite -occurring with the pyrite is a very fine, bright red mineral that may be cinnabar(?)		‡31.9-32.4‡ «i silica»	‡31.9-32.4‡ «3% py, 0.5% cinnabar» -py as stringers/fracture fillings -cinnabar occurs as bright red, fine grained dissem. within the pyritic fractures -may be hematite	
32.40 TO 77.60	«PORPHYRITI C DIORITE»	Colour: med. to dark green Grain Size: f.gr. -massive diorite with 15% green, chloritic plagio- clase(?) phenos up to 2 mm long and 3% dark green pyroxene(?) phenos up to 1 mm in diameter -occasional rusty rusty fractures -rusty and broken from 42.0-46.1 -broken from 46.1-61.0 m -common white calcite stringers 1-8 mm wide, approx 1 per 50 cm		‡42.0-46.1‡ «mod arg, mod ox» ‡46.1-61.0‡ «wk arg»	‡32.4-42.0‡ «tr py» ‡42.0-46.1‡ «0.5% py» -as fine disseminations ‡46.1-77.6‡ «tr py» -as fine dissem.	

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MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-lower contact is intrusive @	20			
77.60 TO 80.60	«CHERTY TUF F»	Colour: med. grey Grain Size: -fine fracture network filled by light and dark silica -tuffaceous layers <1 cm wide approx 1 per 40 cm @ 60-80 deg tCA -commonly vuggy -weakly broken		‡77.6-80.6‡ «wk silica»	‡77.6-80.6‡ «0.5% py» -as fine disseminations	
80.60 TO 100.30	«DIORITE»	Colour: medium to dark grey Grain size: aphanitic to coarse -massive to locally weakly foliated diorite -coarsely porphyritic from 82.7-92.7 with 7% coarse grey plagioclase phenocrysts, locally aligned @ -weak flt @ 82.5 m ‡82.5-82.6‡ «wk flt» -white calcite stringer 3-12 mm wide, approx. 1 per 40 cm @ 30-80 deg TCA -the lower contact is probably intrusive @	70 65	‡80.6-100.3‡ «wk epi, local wk arg»	‡80.6-100.3‡ «<0.5% py, tr hem» -as fine dissem.	
100.30 TO 108.90	«TUFFACEOUS CHERT»	Colour: light grey to light green Grain Size: -banded with 3-10 cm beds of chert separated by 3-12 mm wide beds of tuff @ 60-90 deg TCA -fine fracture network with <1 mm fractures filled by qtz and rarely pyrite @ all orientations approx 1 per cm			‡100.3-108.9‡ «0.5% py» -as med. clusters 2-5 mm wide	
108.90 TO 114.30	«FELDSPAR PORPHYRY»	Colour: med. green Grain Size: c.gr. -coarsely porphyritic diorite with 45 plagioclase phenocrysts up to 1 cm -calcite stringers 2-6 mm wide, approx 1 per 15 cm @ all orientations -moderate fault and 10 cm hydrothermal breccia @ lower contact (breccia is 30% banded clasts in a silica matrix) ‡114.2-114.3‡ «mod flt»	80		‡108.9-114.3‡ «0.5% py» -as fine dissem.	

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DRILL HOLE RECORD

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HOLE NUMBER: TM92-47

MINNOVA INC.
DRILL HOLE RECORD

DATE: 19-January-1993

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
114.30 TO 140.20	«DIORITE»	<p>Colour: med. green Grain Size: aphanitic -moderately broken, local weak foliation @ 60-80 deg TCA -commonly vuggy</p> <p>-minor cherty intervals <10 cm thick -mottled within sericite altered intervals</p> <p>{131.5-132.2} «mod flt» {136.7-136.9} «md flt»</p> <p>-rare calcite stringers <1 cm wide, approx 1 per 2 m</p>		<p>{114.3-123.6} «wk arg» {123.6-128.6} «mod ser, wk arg» {128.6-133.9} «wk arg» {133.9-137.7} «mod ser, wk arg» {137.7-140.2} «mod arg»</p>	<p>{114.3-123.6} «tr py» -as fine disseminations {123.6-128.6} «2% py» -as fine clusters up to 1 cm {128.6-133.9} «tr py» -as fine disseminations {133.9-137.7} «3% py» -as fine clusters and stringers up to 1 cm wide {137.7-140.2} «0.5% py» -as fine dissem.</p>	
	E.O.H.					

HOLE NUMBER: TM92-47

ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	COMMENTS
15780	2.10	4.80	2.70	
15781	4.80	6.80	2.00	
15782	6.80	9.80	3.00	
15783	9.80	12.80	3.00	
15784	12.80	15.80	3.00	
15785	15.80	18.40	2.60	
15786	18.40	22.00	3.60	
15787	22.00	23.80	1.80	
15788	23.80	25.60	1.80	
15789	25.60	27.40	1.80	
15790	27.40	27.80	0.40	
15791	27.80	30.10	2.30	
15792	30.10	31.90	1.80	
15793	31.90	32.40	0.50	
15794	32.40	35.40	3.00	
15795	35.40	38.70	3.30	
15796	38.70	42.00	3.30	
15797	42.00	44.00	2.00	
15798	44.00	46.10	2.10	
15799	46.10	49.10	3.00	
15800	49.10	52.10	3.00	
15801	52.10	55.10	3.00	
15802	55.10	58.10	3.00	
15803	58.10	61.00	2.90	
15804	61.00	64.00	3.00	
15805	64.00	67.00	3.00	
15806	67.00	70.00	3.00	
15807	70.00	73.00	3.00	
15808	73.00	76.00	3.00	
15809	76.00	77.60	1.60	
15810	77.60	80.60	3.00	
15811	80.60	83.60	3.00	
15812	83.60	86.60	3.00	
15813	86.60	89.60	3.00	
15814	89.60	92.60	3.00	
15815	92.60	95.60	3.00	
15816	95.60	98.60	3.00	
15817	98.60	100.30	1.70	

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ASSAY SHEET

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ASSAY SHEET

DATE: 19-January-1993

Sample	From (m)	To (m)	Length (m)	
15818	100.30	103.30	3.00	
15819	103.30	106.30	3.00	
15820	106.30	108.90	2.60	
15821	108.90	111.90	3.00	
15822	111.90	114.30	2.40	
15823	114.30	117.30	3.00	
15824	117.30	120.30	3.00	
15825	120.30	123.60	3.30	
15826	123.60	126.60	3.00	
15827	126.60	128.60	2.00	
15828	128.60	131.60	3.00	
15829	131.60	133.90	2.30	
15830	133.90	135.80	1.90	
15831	135.80	137.70	1.90	
15832	137.70	140.20	2.50	

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ASSAY SHEET

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HOLE NUMBER: TM92-40

ASSAY SHEET

DATE: 1-February-1993

Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL												Aug/t g/t	Auopt oz/t	COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %					
17188	2.70	5.70	3.00	0.1	50	495	35	3	25	7	69	1	5	4.66	0.01		.			
17189	5.70	8.70	3.00	0.1	71	908	35	3	32	11	76	1	5	4.69	0.01		.			
17190	8.70	11.70	3.00	0.1	75	766	33	5	39	13	81	4	5	4.58	0.02		.			
17191	11.70	14.30	2.60	0.1	101	2034	76	4	73	14	185	50	10	5.97	1.02		.			
17192	14.30	16.20	1.90	0.8	51	938	42	5	443	7	1197	105	10	2.86	1.05		.			
17193	16.20	18.10	1.90	1	86	142	118	1	31	9	95	98	15	3.98	2.43		.			
17194	18.10	21.10	3.00	0.2	44	169	53	4	17	6	24	47	10	2.63	1.37		.			
17195	21.10	23.40	2.30	0.4	41	115	36	3	18	6	23	91	15	2.09	0.56		.			
17196	23.40	25.70	2.30	0.3	59	119	53	7	31	6	52	104	5	2.82	1.43		.			
17197	25.70	26.50	0.80	0.1	114	117	97	4	74	17	176	101	5	9.03	2.82		.			
17198	26.50	28.30	1.80	0.1	52	192	57	3	24	7	34	43	10	3.06	1.22		.			
17199	28.30	30.10	1.80	0.1	48	85	104	2	18	6	28	67	10	3.29	1.44		.			
17200	30.10	33.10	3.00	0.1	108	308	92	4	34	18	114	15	45	7.66	0.58		.			
17201	33.10	36.10	3.00	0.1	132	803	134	3	27	16	100	11	15	8.36	0.23		.			
17202	36.10	39.10	3.00	0.1	141	709	60	3	77	16	289	47	20	8.01	0.4		.			
17203	39.10	42.10	3.00	0.1	110	110	91	3	61	15	184	17	10	7	0.56		.			
17204	42.10	44.00	1.90	0.1	171	104	196	5	93	15	305	121	5	7.35	2.06		.			
17205	44.00	45.30	1.30	0.1	104	148	266	3	54	11	101	408	10	5.45	2.47		.			
17206	45.30	46.10	0.80	2.9	9052	39	1984	2	73	32	157	3285	5	13.61	11.5	3.41	0.099	.		
17207	46.10	49.10	3.00	0.1	147	154	50	4	28	12	81	39	15	4.4	0.35		.			
17208	49.10	52.10	3.00	0.1	129	163	56	5	60	14	169	38	10	4.65	0.36		.			
17209	52.10	55.70	3.60	0.1	117	215	54	4	30	13	93	16	25	5.08	0.34		.			
17210	55.70	58.00	2.30	0.1	127	791	87	5	31	15	117	15	15	4.94	0.27		.			
17211	58.00	61.40	3.40	0.1	52	1857	38	3	17	7	51	7	20	2.99	0.1		.			
17212	61.40	62.60	1.20	0.1	79	155	34	5	29	11	98	10	10	3.69	0.13		.			
17213	62.60	64.70	2.10	0.1	72	79	62	3	20	8	193	14	5	3.32	0.4		.			
17214	64.70	66.70	2.00	0.1	74	174	55	5	24	12	99	24	5	4.13	0.43		.			
17215	66.70	71.90	5.20	0.1	59	195	35	3	17	8	163	22	10	3.21	0.26		.			

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Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL										Aug/t g/t	Auopt oz/t	COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %			
17216	1.20	5.00	3.80	0.1	67	363	58	2	17	9	51	14	5	5.91	0.62		.	
17217	5.00	8.00	3.00	0.3	68	306	48	8	16	9	51	24	10	5.36	0.41		.	
17218	8.00	11.00	3.00	0.1	85	132	82	3	32	17	66	69	15	7.2	1.19		.	
17219	11.00	14.00	3.00	0.1	152	163	102	5	32	23	69	45	10	6.82	1.04		.	
17220	14.00	16.80	2.80	0.1	136	104	101	4	33	22	75	67	35	7.08	1.15		.	
17221	16.80	19.40	2.60	0.1	90	285	62	2	24	13	54	11	10	6.48	0.48		.	
17222	19.40	22.40	3.00	0.1	59	2141	12	5	35	11	75	8	10	3.65	0.23		.	
17223	22.40	23.90	1.50	0.1	57	7908	12	5	47	11	78	10	15	4.31	0.17		.	
17224	23.90	25.60	1.70	0.1	184	10000	15	7	46	29	103	9	30	7.62	0.25		.	
17225	25.60	26.40	0.80	0.1	51	6849	11	5	35	10	62	11	25	3.62	0.16		.	
17226	26.40	29.40	3.00	0.1	154	4042	19	5	30	21	87	6	15	6.79	0.32		.	
17227	29.40	32.40	3.00	0.1	123	330	24	3	32	18	69	28	10	5.86	0.26		.	
17228	32.40	33.60	1.20	0.1	171	118	26	3	26	19	79	37	15	6.67	0.45		.	
17229	33.60	34.20	0.60	0.1	323	142	23	4	26	20	86	24	25	6.81	0.07		.	
17230	34.20	35.90	1.70	0.1	143	393	43	4	27	17	72	244	20	6.81	1.18		.	
17231	35.90	37.00	1.10	0.1	74	77	42	3	20	9	29	20	15	3.56	0.86		.	
17232	37.00	40.00	3.00	0.1	98	458	48	3	21	14	71	43	20	7.12	0.76		.	
17233	40.00	42.40	2.40	0.1	179	211	68	4	35	22	73	39	5	6.89	0.95		.	
17234	42.40	45.40	3.00	0.1	87	461	135	4	21	13	20	166	10	4.07	2.04		.	
17235	45.40	48.40	3.00	0.1	70	307	68	3	19	10	24	47	10	3.56	1.25		.	
17236	48.40	51.40	3.00	0.1	105	177	126	6	29	14	32	121	5	5.89	2.77		.	
17237	51.40	52.80	1.40	0.1	128	498	137	8	32	16	45	127	15	6.25	2.53		.	
17238	52.80	55.80	3.00	0.1	104	189	157	.	26	15	66	100	15	7.42	2.56		.	
17239	55.80	58.80	3.00	0.1	145	644	239	.	36	23	70	164	5	9.6	4.1		.	
17240	58.80	62.00	3.20	0.1	86	1469	161	.	29	17	64	92	10	7.3	2.26		.	
17241	62.00	63.90	1.90	0.1	86	211	161	.	26	18	40	58	20	6.66	2.87		.	
17242	63.90	66.60	2.70	0.1	75	362	130	.	25	13	29	46	10	4.49	1.64		.	
17243	66.60	69.60	3.00	0.1	103	187	171	.	30	21	61	44	15	7.78	2.37		.	
17244	69.60	71.50	1.90	0.1	86	178	125	.	28	17	43	35	10	5.64	2		.	
17245	71.50	72.60	1.10	0.1	62	564	65	.	18	9	16	71	10	2.34	0.83		.	
17246	72.60	75.60	3.00	0.1	116	199	143	.	38	18	96	134	5	7.64	2.6		.	
17247	75.60	78.60	3.00	0.1	64	523	167	.	30	16	57	56	10	6.73	2.06		.	
17248	78.60	81.60	3.00	0.1	78	785	128	.	37	16	103	135	10	6.98	1.66		.	
17249	81.60	84.60	3.00	0.1	77	152	84	.	27	17	62	208	5	8.31	1.95		.	
17250	84.60	87.60	3.00	0.1	53	411	93	.	24	13	53	55	15	7.29	1.74		.	
17251	87.60	89.60	2.00	0.1	64	244	99	.	31	16	61	53	15	6.88	2.04		.	
17252	89.60	91.60	2.00	0.1	55	584	57	.	31	13	56	32	5	2.87	0.56		.	
17253	91.60	92.20	0.60	0.5	336	27	895	.	26	55	62	2790	10	15	14.8	3.05	0.089	

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
17254	92.20	93.00	0.80	0.1	138	99	195	.	36	22	49	173	5	7.2	2.87				
17255	93.00	96.00	3.00	0.1	127	134	84	.	28	18	75	48	5	6.11	1.15				
17256	96.00	97.40	1.40	0.1	199	58	38	.	31	20	62	24	5	4.56	0.31				
17257	97.40	99.60	2.20	2	474	23	615	.	427	36	1371	117	20	7.67	2.52				
17258	99.60	102.60	3.00	0.1	116	486	133	.	33	16	59	48	10	4.32	0.94				
17259	102.60	105.60	3.00	0.1	68	147	116	.	30	12	45	63	10	3.69	1.3				
17260	105.60	106.80	1.20	0.1	98	323	192	.	270	14	871	107	20	5.02	2.34				
17261	106.80	107.70	0.90	0.1	138	182	180	.	43	25	125	35	15	8.35	2.08				
17262	107.70	109.50	1.80	0.1	173	1077	260	.	276	22	727	98	30	8.88	3.36				
17263	109.50	112.50	3.00	0.1	104	1346	95	.	32	17	84	80	10	7.19	1.04				
17264	112.50	115.50	3.00	0.1	139	561	38	.	33	17	85	13	15	6.51	0.49				
17265	115.50	118.90	3.40	0.1	111	198	196	.	37	19	61	41	15	7.9	2.65				
17266	118.90	119.90	1.00	0.1	247	313	488	.	42	22	59	114	20	8.03	2.67				
17267	119.90	120.50	0.60	2.1	920	174	687	1	14	33	44	290	15	8.51	5.41				
17268	120.50	120.90	0.40	1.2	363	27	491	1	3	24	59	1060	15	14.34	4.96	1.16	0.034		
17269	120.90	121.20	0.30	9.5	359	13	2642	1	1	11	3	10000	20	15	25.3	58.46	1.700		
17270	121.20	124.20	3.00	0.1	374	2095	230	.	32	27	82	156	5	6.41					
17271	124.20	126.60	2.40	0.1	123	1508	76	.	28	16	78	25	10	5.17	0.41				
17272	126.60	129.80	3.20	0.1	114	1099	61	.	26	13	103	21	15	5.02	0.26				

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Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL										Aug/t g/t	Auopt oz/t	COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %			
17273	2.70	5.70	3.00	0.1	102	134	19	.	27	15	109	12	5	7.38	0.08			
17274	5.70	8.70	3.00	0.1	95	370	48	.	28	12	81	6	15	6.00	0.33			
17275	8.70	10.70	2.00	0.1	114	204	40	.	23	12	79	5	50	6.04	0.27			
17276	10.70	11.90	1.20	0.1	138	110	14	.	29	19	97	4	30	6.84	0.31			
17277	11.90	14.90	3.00	0.1	168	249	31	.	33	17	102	6	10	6.24	0.08			
17278	14.90	16.00	1.10	0.1	249	244	99	.	28	22	168	72	5	8.48	0.76			
17279	16.00	19.00	3.00	0.1	47	1955	39	.	12	5	29	24	10	2.29	0.34			
17280	19.00	22.00	3.00	0.1	49	138	42	.	18	6	35	10	5	2.65	0.20			
17281	22.00	25.00	3.00	0.1	37	2997	16	.	18	5	33	11	10	2.68	0.18			
17282	25.00	28.00	3.00	0.1	50	246	49	.	16	5	26	41	20	2.70	0.60			
17283	28.00	31.00	3.00	0.1	57	303	28	.	17	5	28	28	25	2.67	0.17			
17284	31.00	34.00	3.00	0.1	52	418	57	.	21	7	30	48	5	3.34	0.63			
17285	34.00	37.00	3.00	0.1	54	2208	29	.	21	9	60	38	5	3.78	0.96			
17286	37.00	39.10	2.10	0.8	92	428	68	.	21	10	17	144	10	4.50	2.82			
17287	39.10	41.10	2.00	0.1	75	258	94	.	22	9	15	150	5	4.89	3.30			
17288	41.10	43.10	2.00	0.1	55	152	67	.	22	9	22	56	15	4.37	2.28			
17289	43.10	45.20	2.10	0.1	47	1090	43	.	18	7	18	34	9	2.89	1.00			
17290	45.20	47.30	2.10	0.1	59	182	80	.	22	10	20	80	10	3.52	1.56			
17291	47.30	49.30	2.00	0.1	47	182	42	.	16	6	13	37	10	2.39	0.80			
17292	49.30	52.30	3.00	0.6	78	293	153	.	19	12	15	140	20	4.01	1.95			
17293	52.30	55.70	3.40	0.6	80	425	193	.	20	13	13	1610	10	4.45	3.43	1.68	0.049	
17294	55.70	56.00	0.30	0.1	58	3585	18	.	28	11	63	44	65	3.47	0.27			
17295	56.00	59.00	3.00	0.1	66	170	42	.	13	5	14	67	10	2.75	0.92			
17296	59.00	62.00	3.00	0.1	59	114	108	.	17	8	19	54	5	3.51	1.28			
17297	62.00	64.60	2.60	0.8	237	243	260	.	168	17	197	298	25	6.25	4.43			
17298	64.60	65.00	0.40	0.1	98	115	135	.	29	15	91	41	5	5.66	0.22			
17299	65.00	68.00	3.00	0.1	69	152	122	.	17	10	17	60	5	3.77	1.78			
17300	68.00	71.00	3.00	0.1	66	139	76	.	70	11	212	48	15	3.99	1.56			
17301	71.00	74.00	3.00	0.3	73	145	158	.	18	10	18	125	50	3.77	2.26			
17302	74.00	77.00	3.00	0.1	36	127	19	.	12	6	21	18	5	2.15	0.25			
17303	77.00	80.00	3.00	0.1	51	110	15	.	27	7	52	23	5	2.78	0.28			
17304	80.00	83.00	3.00	0.1	52	158	15	.	13	7	29	11	10	3.16	0.26			
17305	83.00	86.00	3.00	0.1	45	111	54	.	29	7	56	33	15	2.47	0.88			
17306	86.00	89.00	3.00	0.1	62	1437	49	.	22	8	42	20	9	3.39	0.91			
17307	89.00	92.00	3.00	0.1	51	109	71	.	16	5	19	29	10	2.62	1.09			
17308	92.00	95.00	3.00	3.4	223	571	269	.	340	15	1183	951	5	6.42	4.00	0.92	0.027	
17309	95.00	98.00	3.00	0.4	55	172	73	.	164	7	637	85	10	3	1.29			
17310	98.00	101.30	3.30	0.1	53	201	38	.	28	7	59	18	15	2.73	0.53			

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
17311	101.30	104.60	3.30	0.1	68	367	23	.	118	8	347	15	10	2.92	0.27				
17312	104.60	105.00	0.40	0.1	96	384	101	.	29	16	104	8	25	6.39	0.26				
17313	105.00	108.00	3.00	0.1	70	248	51	.	11	5	19	35	5	2.07	0.72				
17314	108.00	110.70	2.70	0.1	2395	126	87	.	11	7	8	399	10	2.02	1.44				
17315	110.40	113.40	3.00	0.1	71	55	115	.	9	6	8	146	10	2.14	1.89				
17316	113.40	115.60	2.20	0.1	153	74	293	.	36	23	45	177	25	10	5.64				
17317	115.60	116.90	1.30	0.8	116	59	228	.	123	16	723	329	10	5.32	4.60				
17318	116.90	118.90	2.00	0.1	135	214	241	.	33	18	79	91	10	8.08	3.43				
17319	118.90	120.80	1.90	0.1	138	139	148	.	35	20	99	55	5	8.01	3.04				
17320	120.80	123.80	3.00	0.1	67	58	120	.	20	4	13	204	10	2.46	2.00				
17321	123.80	126.80	3.00	0.1	63	969	106	.	12	6	15	91	10	2.87	1.65				
17322	126.80	128.90	2.10	0.1	48	83	93	.	15	6	18	50	5	2.84	1.36				

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Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL										Aug/t g/t	Auopt oz/t		COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %				
15401	3.00	5.00	2.00	0.1	17	86	61	-999	8	2	15	1	10	0.94	0.04				
15402	5.00	7.00	2.00	0.1	14	111	36	-999	7	3	22	2	25	2.06	0.08				
15403	7.00	9.50	2.50	0.1	29	225	80	-999	9	5	30	393	15	3.43	0.18				
15404	9.50	11.80	2.30	0.1	42	214	296	-999	27	9	37	8	10	5.61	0.46				
15405	11.80	14.80	3.00	0.1	49	113	93	-999	23	10	36	3	5	4.19	0.29				
15406	14.80	17.80	3.00	0.1	44	133	58	-999	18	7	32	4	10	3.89	0.11				
15407	17.80	20.50	2.70	0.1	67	115	70	-999	32	12	50	3	30	5.63	0.17				
15408	20.50	20.70	0.20	0.1	68	131	68	-999	33	13	142	7	15	5.38	0.1				
15409	20.70	23.80	3.10	0.1	36	117	107	-999	20	5	54	13	5	3.35	0.18				
15410	23.80	26.80	3.00	0.1	23	130	125	-999	9	3	10	2	10	1.32	0.3				
15411	26.80	29.80	3.00	0.1	27	124	97	-999	20	4	17	9	65	2.27	0.24				
15412	29.80	31.90	2.10	0.1	32	175	43	-999	25	5	18	8	20	2.17	0.17				
15413	31.90	34.30	2.40	0.1	80	444	202	-999	38	19	57	14	115	6.79	0.78				
15414	34.30	37.30	3.00	0.1	31	614	53	-999	27	5	18	7	20	2.47	0.26				
15415	37.30	40.70	3.40	0.1	29	558	444	-999	15	6	13	68	10	4.24	2.49				
15416	40.70	41.40	0.70	0.2	33	859	301	-999	14	6	15	26	135	3.95	2.56				
15417	41.40	44.20	2.80	0.1	45	233	135	-999	18	8	35	13	5	4.38	0.69				
15418	44.20	47.20	3.00	0.1	52	185	52	-999	25	10	53	6	10	5.69	0.38				
15419	47.20	50.80	3.60	0.1	42	1056	57	-999	26	9	56	7	5	5.62	0.43				
15420	50.80	52.50	1.70	0.1	50	1543	101	-999	24	9	54	8	10	5.2	0.34				
15421	52.50	55.50	3.00	0.1	48	2237	32	-999	28	9	69	9	10	3.87	0.14				
15422	55.50	58.50	3.00	0.1	56	4407	22	-999	33	8	66	2	15	3.67	0.31				
15423	58.50	60.00	1.50	0.1	42	5294	21	-999	38	6	61	15	5	2.61	0.18				
15424	60.00	62.80	2.80	0.1	39	2179	24	-999	25	7	56	2	35	2.99	0.04				
15425	62.80	64.30	1.50	0.1	58	2431	228	-999	29	10	46	11	40	5.24	0.84				
15426	64.30	64.50	0.20	0.1	84	3562	181	-999	30	11	39	8	10	4.07	0.72				
15427	64.50	65.10	0.60	0.1	57	3782	30	-999	35	10	80	4	9	4.09	0.22				
15428	65.10	66.80	1.70	0.1	82	252	115	-999	20	14	65	5	5	4.68	0.19				
15429	66.80	67.60	0.80	0.1	88	969	119	-999	36	13	44	9	10	3.13	0.46				
15430	67.60	68.60	1.00	0.1	43	605	14	-999	40	7	72	5	5	3.54	0.11				
15431	68.60	71.60	3.00	0.1	104	217	86	-999	25	15	39	6	15	4.24	0.25				
15432	71.60	74.60	3.00	0.1	94	953	70	-999	25	16	39	3	5	4.49	0.25				
15433	74.60	77.60	3.00	0.1	73	1190	63	-999	28	11	33	3	5	3.47	0.24				
15434	77.60	80.60	3.00	0.1	98	1918	58	-999	30	14	39	2	10	4.38	0.3				
15435	80.80	83.60	3.00	0.1	65	2216	143	-999	22	11	29	3	15	3.23	0.86				
15436	83.60	86.60	3.00	0.1	78	254	151	-999	29	13	32	4	35	4	0.84				
15437	86.60	88.50	1.90	0.1	77	146	104	-999	30	14	32	7	15	3.75	0.38				
15438	88.50	90.40	1.90	0.1	82	175	141	-999	32	16	41	9	30	4.91	0.97				

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
15439	90.40	93.40	3.00	0.1	50	224	123	-999	25	9	51	13	55	4.89	0.38				
15440	93.40	96.40	3.00	0.1	39	432	36	-999	15	6	34	14	10	2.64	0.08				
15441	96.40	99.40	3.00	0.1	34	249	32	-999	19	5	30	8	5	2.26	0.09				
15442	99.40	102.40	3.00	0.1	51	992	58	-999	23	7	52	13	25	4.24	0.29				
15443	102.40	105.40	3.00	0.1	47	259	33	-999	25	7	48	8	15	2.59	0.13				
15444	105.40	108.40	3.00	0.1	40	347	28	-999	17	6	24	7	10	1.98	0.07				
15445	108.40	111.40	3.00	0.1	37	310	19	-999	13	6	22	5	10	2	0.06				
15446	111.40	114.40	3.00	0.1	41	207	10	-999	16	6	23	6	5	2.04	0.03				
15447	114.40	117.80	3.40	0.1	43	68	44	-999	16	7	23	7	15	2.26	0.12				
15448	117.80	120.80	3.00	0.1	91	347	161	-999	36	16	59	15	30	6.74	0.39				
15449	120.80	122.70	1.90	0.1	68	549	116	-999	24	11	40	6	25	5.31	0.24				
15450	122.70	122.50	1.80	0.1	76	757	83	-999	31	14	49	4	15	5.54	0.03				
15451	124.50	127.50	3.00	0.1	30	52	15	-999	12	6	17	4	10	1.63	0.02				
15452	127.50	129.40	1.90	0.1	33	240	28	-999	15	4	20	13	10	2.23	0.18				
15453	129.40	131.40	2.00	0.1	27	293	13	-999	14	5	18	4	5	2.11	0.17				
15454	131.40	134.40	3.00	0.1	46	196	188	-999	12	7	32	8	10	4.89	0.51				
15455	134.40	137.40	3.00	0.1	69	198	129	-999	22	13	46	4	10	5.4	0.44				
15456	137.40	140.40	3.00	0.1	78	251	147	-999	27	16	49	3	25	5.6	0.37				
15457	140.40	143.40	3.00	0.1	59	354	231	-999	17	11	45	3	5	6.03	0.62				
15458	143.40	146.40	3.00	0.1	83	395	253	-999	27	16	55	9	5	6.71	0.63				
15459	146.40	149.40	3.00	0.1	80	499	209	-999	22	15	51	12	15	6.06	0.63				
15460	149.40	152.20	2.80	0.1	90	269	278	-999	23	13	52	36	10	6.24	0.86				
15461	152.20	155.00	2.80	0.1	37	61	61	-999	11	6	25	1	50	2.68	0.21				
15462	155.00	158.00	3.00	0.1	56	295	536	-999	22	12	46	11	10	6.7	0.95				
15463	158.00	161.00	3.00	0.1	64	262	391	-999	24	14	47	14	15	7.16	1				
15464	161.00	164.00	3.00	0.1	98	240	191	-999	22	21	82	25	10	7.11	0.68				
15465	164.00	167.00	3.00	0.1	68	525	111	-999	27	14	42	5	5	6.21	0.48				
15466	167.00	170.00	3.00	0.1	64	181	234	-999	21	11	38	10	5	4.63	0.46				
15467	170.00	173.00	3.00	0.1	81	414	182	-999	25	19	58	5	5	7.05	0.53				
15468	173.00	176.10	3.10	0.1	86	785	114	-999	23	19	58	6	10	7.03	0.54				
15469	176.10	179.10	3.00	0.1	41	744	58	-999	18	7	28	14	10	2.8	0.23				
15470	179.10	180.80	1.70	0.1	35	316	26	-999	14	7	25	5	10	2.67	0.2				
15471	180.80	183.80	3.00	0.1	58	143	45	-999	17	8	37	32	15	3.39	0.35				
15472	183.80	186.70	2.90	0.1	82	298	110	-999	26	13	43	19	55	5.26	0.46				
15473	186.70	189.70	3.00	0.1	57	550	56	-999	19	8	32	24	20	2.82	0.18				
15474	189.70	191.70	2.00	0.1	60	365	31	-999	19	10	31	19	20	2.9	0.14				
15475	191.70	193.60	1.90	0.2	61	465	39	-999	21	10	25	20	25	2.74	0.19				
15476	193.60	196.60	3.00	0.3	42	427	242	-999	12	6	17	17	10	2.32	0.80				

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t	
15477	196.60	199.60	3.00	0.5	49	1183	436	-999	15	6	17	79	35	2.83	1.31			
15478	199.60	202.60	3.00	0.3	53	1810	116	-999	21	7	19	126	10	2.66	0.66			
15479	202.60	205.60	3.00	0.1	53	1573	86	-999	16	9	21	17	5	2.45	0.34			
15480	205.60	208.60	3.00	0.1	76	2361	255	-999	20	12	35	14	25	4.31	0.58			
15481	208.60	210.50	1.90	0.4	66	169	359	-999	23	11	28	22	20	3.49	0.95			
15482	210.50	213.50	3.00	0.2	52	219	139	-999	19	9	26	8	25	2.62	0.33			
15483	213.50	216.50	3.00	0.1	73	376	74	-999	23	11	29	6	15	3.51	0.33			
15484	216.50	219.50	3.00	0.1	64	1313	103	-999	24	11	28	7	10	3.17	0.27			
15485	219.50	222.50	3.00	0.1	90	415	65	-999	31	15	42	12	20	4.5	0.27			
15486	222.50	225.50	3.00	0.1	79	456	47	-999	21	14	34	6	25	3.98	0.26			
15487	225.50	227.00	1.50	0.1	77	1022	82	-999	25	12	37	7	25	4.09	0.34			
15488	227.00	229.40	2.40	0.1	107	799	113	-999	30	19	54	10	15	6.38	0.57			
15489	229.40	230.90	1.50	0.1	95	593	79	-999	27	14	37	38	40	4.35	0.47			
15490	230.90	233.90	3.00	0.1	119	1014	212	-999	32	22	55	15	20	7.16	0.73			
15491	233.90	236.90	3.00	0.1	106	503	172	-999	42	18	55	14	30	7.18	0.76			
15492	236.90	239.90	3.00	0.1	126	280	179	-999	35	22	61	19	30	8.19	1.26			
15493	239.90	242.90	3.00	0.1	120	905	129	-999	29	24	60	6	15	7.39	0.54			
15494	242.90	245.90	3.00	0.1	128	458	108	-999	26	21	50	28	15	6.7	0.63			
15495	245.90	248.90	3.00	0.1	112	329	239	-999	29	22	47	15	25	6.82	0.94			
15496	248.90	250.80	1.90	0.1	129	543	139	-999	28	27	54	10	20	5.87	0.36			
15497	250.80	253.00	2.20	0.1	95	451	61	-999	30	17	33	8	10	3.95	1.11			
15498	253.80	256.00	3.00	0.1	93	1097	372	-999	32	16	44	23	25	5.49	1.21			
15499	256.00	259.00	3.00	0.1	77	674	196	-999	23	14	37	10	20	4.83	0.7			
15500	259.00	261.80	2.00	0.1	66	259	299	-999	23	13	31	24	25	4.17	0.73			
15501	261.80	264.80	3.00	0.1	92	625	534	-999	20	16	44	16	25	7.32	1.48			
15502	264.80	266.80	2.00	0.1	64	277	20	-999	20	12	23	5	20	3.37	0.1			
15503	266.80	269.80	3.00	0.1	99	1624	50	-999	28	18	52	5	35	5	0.2			
15504	269.80	272.80	3.00	0.1	56	564	18	-999	19	11	27	6	15	3.08	0.13			
15505	272.80	275.80	3.00	0.1	71	448	98	-999	23	15	35	11	15	4.37	0.33			
15506	275.80	278.80	3.00	0.1	57	1312	55	-999	19	12	37	7	25	3.16	0.18			
15507	278.80	281.80	3.00	0.1	55	311	61	-999	17	12	29	7	10	2.79	0.14			
15508	281.80	284.80	3.00	0.1	73	1199	69	-999	30	13	54	13	20	4.1	0.27			
15509	284.80	286.50	1.70	0.1	63	515	49	-999	24	12	33	8	10	3.43	0.2			

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Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL										Aug/t g/t	Auopt oz/t	COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %			
15510	3.00	6.00	3.00	0.1	50	2359	92	-999	62	10	355	11	20	2.77	1.7			
15511	6.00	9.00	3.00	0.1	70	1633	82	-999	15	9	277	13	20	2.09	1.33			
15512	9.00	12.00	3.00	0.1	47	1882	73	-999	14	8	310	7	20	0.96	0.49			
15513	12.00	14.60	2.60	0.1	91	886	122	-999	18	11	361	25	65	3.72	3.6			
15514	14.60	15.20	0.60	0.1	123	546	441	-999	26	21	23	33	55	8.18	8.88			
15515	15.20	18.20	3.00	0.1	97	2633	96	-999	21	12	32	17	30	3.31	1.29			
15516	18.20	21.20	3.00	0.1	77	2647	61	-999	18	12	44	14	20	3.11	0.79			
15517	21.20	24.20	3.00	0.1	76	2271	69	-999	22	13	36	12	50	3.7	1.54			
15518	24.20	27.20	3.00	0.1	59	2091	38	-999	16	11	24	17	20	2.12	1.02			
15519	27.20	30.20	3.00	0.1	87	2085	47	-999	18	12	147	22	15	2.9	1.44			
15520	30.20	33.20	3.00	0.1	75	2435	62	-999	17	14	168	19	40	3.74	1.69			
15521	33.20	36.20	3.00	0.1	73	2373	95	-999	22	12	89	24	25	3.7	1.69			
15522	36.20	37.90	1.70	0.1	67	2696	103	-999	17	12	79	16	35	3.81	1.36			
15523	37.90	40.30	2.40	0.1	96	1738	114	-999	33	17	84	29	20	6.6	2.26			
15524	40.30	41.40	1.10	0.1	130	2269	124	-999	39	19	86	5	25	6.18	1.31			
15525	41.40	44.90	3.50	0.1	74	2390	117	-999	37	14	92	21	45	3.65	1.8			
15526	44.90	47.30	2.40	0.1	80	2694	100	-999	28	17	73	7	5	4.13	0.95			
15527	47.30	50.30	3.00	0.1	65	5142	112	-999	19	12	37	12	15	2.64	0.84			
15528	50.30	53.30	3.00	0.1	85	2442	76	-999	14	7	49	17	20	3.92	0.93			
15529	53.30	55.20	1.90	0.1	142	1076	161	-999	13	9	39	129	20	5.48	2.37			
15530	55.20	56.70	1.50	0.1	262	5374	62	-999	19	13	109	36	10	8.86	0.29			
15531	56.70	57.10	0.40	0.1	83	418	188	-999	18	8	90	31	30	10.07	1.53			
15532	57.10	58.30	1.20	0.1	115	918	100	-999	17	9	83	38	10	8.17	0.74			
15533	58.30	58.60	0.30	0.1	125	333	95	-999	19	12	90	21	15	10.06	0.66			
15534	58.60	60.30	1.70	0.1	148	1966	63	-999	20	10	94	20	10	8.79	0.37			
15535	60.30	62.00	1.70	0.1	115	1327	98	-999	19	9	80	26	20	5.58	0.68			
15536	62.00	64.40	2.40	0.1	97	5273	39	-999	17	9	91	10	5	4.62	0.31			
15537	64.40	66.40	2.00	0.2	97	1965	42	-999	15	9	90	4	10	4.41	0.11			
15538	66.40	69.40	3.00	0.1	203	1673	98	-999	19	11	173	37	5	5.17	1.2			
15539	69.40	72.40	3.00	0.1	176	2433	98	-999	21	12	102	24	25	5.26	1.7			
15540	72.40	75.40	3.00	0.1	117	2884	118	-999	23	12	136	9	15	5.62	0.98			
15541	75.40	78.40	3.00	0.2	86	2204	47	-999	17	10	79	7	15	4.15	1			
15542	78.40	81.20	2.80	0.5	115	2844	55	-999	20	11	395	10	10	4.26	0.58			
15543	81.20	84.20	3.00	0.5	64	3922	76	-999	12	7	83	15	10	2.53	0.78			
15544	84.20	87.40	3.20	0.5	65	2110	65	-999	10	6	77	12	10	2.45	0.5			
15545	87.40	90.00	2.60	0.4	82	1419	86	-999	14	7	133	11	20	3.06	0.45			
15546	90.00	91.90	1.90	0.2	54	7630	77	-999	15	6	51	9	5	2.63	0.32			
15547	91.90	94.70	2.80	0.4	64	2907	106	-999	13	7	122	18	5	3.07	0.76			

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
15548	94.70	97.40	2.70	0.1	68	6252	89	-999	11	5	87	12	10	2.72	0.46				
15549	97.40	100.40	3.00	0.2	79	1509	93	-999	11	6	132	15	10	2.87	0.44				
15550	100.40	102.70	2.30	0.3	65	1254	90	-999	12	7	109	14	15	2.7	0.72				
15551	102.70	106.10	3.40	0.3	51	2755	64	-999	10	6	86	9	10	2.34	0.37				
15552	106.10	108.00	1.90	0.2	36	3662	39	-999	8	4	31	7	5	1.95	0.21				
15553	108.00	109.90	1.90	0.1	43	1707	61	-999	9	3	67	11	15	1.61	0.39				
15554	109.90	112.90	3.00	0.3	70	2644	73	-999	11	4	95	19	10	2.38	0.61				
15555	112.90	115.90	3.00	0.2	66	3814	85	-999	14	5	100	22	5	2.43	0.61				
15556	115.90	118.90	3.00	0.3	78	3639	84	-999	14	6	150	22	10	2.61	0.87				
15557	118.90	121.90	3.00	0.3	66	3843	77	-999	13	6	127	17	20	2.69	0.81				
15558	121.90	124.90	3.00	0.4	75	2389	79	-999	15	6	104	14	15	2.74	0.73				
15559	124.90	127.90	3.00	0.2	91	3076	100	-999	14	6	168	18	20	3.05	0.92				
15560	127.90	129.50	1.60	0.4	83	1526	90	-999	10	5	88	15	10	2.72	0.45				
15561	129.50	131.80	2.30	0.4	74	2362	49	-999	9	5	45	13	10	2.06	0.31				
15562	131.80	135.00	3.20	0.5	74	1294	56	-999	9	4	57	17	20	2.01	0.54				
15563	135.00	138.20	3.20	0.4	65	3300	78	-999	11	5	46	19	5	2.37	0.61				
15564	138.20	141.40	3.20	0.6	125	3907	73	-999	14	6	158	19	15	2.38	0.78				
15565	141.40	144.60	3.20	0.7	191	1723	71	-999	10	7	108	21	5	2.4	0.94				
15566	144.60	147.80	3.20	0.3	87	1912	45	-999	11	6	39	9	20	1.73	0.34				
15567	147.80	150.80	3.00	0.2	78	1026	45	-999	10	6	47	14	10	1.86	0.56				
15568	150.80	153.80	3.00	0.1	65	3966	80	-999	14	8	154	17	15	2.55	0.55				
15569	153.80	156.80	3.00	0.2	97	3869	106	-999	24	9	236	19	25	3.05	0.95				
15570	156.80	159.80	3.00	0.1	83	4519	91	-999	19	9	115	13	5	2.66	0.47				
15571	159.80	162.80	3.00	0.2	62	2495	70	-999	13	9	78	10	10	2.29	0.38				
15572	162.80	165.80	3.00	0.3	65	4305	79	-999	19	8	220	11	10	2.74	0.79				
15573	165.80	168.80	3.00	0.3	63	1690	70	-999	14	8	88	8	60	2.38	0.4				
15574	168.80	171.80	3.00	0.3	85	2789	75	-999	16	8	104	11	30	2.71	0.75				
15575	171.80	174.80	3.00	0.5	87	2590	77	-999	13	8	104	14	15	2.53	0.95				
15576	174.80	177.80	3.00	0.2	76	1649	69	-999	13	8	133	14	10	2.49	0.76				
15577	177.80	180.80	3.00	0.3	70	3257	87	-999	13	9	90	13	5	2.12	0.76				
15578	180.80	183.30	2.50	0.4	78	6149	44	-999	24	12	54	2	10	3.91	0.1				
15579	183.30	185.40	2.10	0.2	106	1239	41	-999	19	15	72	5	5	4.47	0.06				
15580	185.40	187.40	2.00	0.2	81	455	81	-999	17	11	42	4	5	3	0.18				
15581	187.40	190.40	3.00	0.5	46	663	26	-999	18	8	32	4	10	2.15	0.09				
15582	190.40	193.40	3.00	0.1	108	4957	29	-999	24	12	84	12	5	4.62	0.05				
15583	193.40	196.40	3.00	0.4	60	2408	32	-999	18	10	59	4	5	3.25	0.03				
15584	196.40	199.40	3.00	0.1	70	2345	37	-999	27	11	70	5	5	3.75	0.03				
15585	199.40	202.40	3.00	0.1	63	1729	48	-999	19	11	86	7	5	3.88	0.04				

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
15586	202.40	205.40	3.00	0.2	69	2164	37	-999	25	10	62	8	10	3.7	0.07				
15587	205.40	208.40	3.00	0.1	62	1679	36	-999	18	10	61	10	5	3.94	0.09				
15588	208.40	210.50	2.10	0.2	57	1341	23	-999	22	10	65	5	5	3.52	0.04				
15589	210.50	212.50	2.00	0.1	97	1973	447	-999	26	16	91	16	20	7.03	1.92				
15590	212.50	215.50	3.00	0.1	61	1260	92	-999	20	7	120	11	15	2.57	0.65				
15591	215.50	218.50	3.00	0.2	49	5213	66	-999	16	8	78	10	10	2.38	0.41				
15592	218.50	221.50	3.00	0.4	71	5332	43	-999	15	11	57	12	15	2.46	0.95				
15593	221.50	224.50	3.00	0.6	55	10000	57	-999	13	9	48	7	10	1.83	0.21				
15594	224.50	225.60	1.10	1	67	4345	71	-999	15	10	85	14	10	3.01	1.03				

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Ag/t g/t	Auopt oz/t		
15586	202.40	205.40	3.00	0.2	69	2164	37	-999	25	10	62	8	10	3.7	0.07				
15587	205.40	208.40	3.00	0.1	62	1679	36	-999	18	10	61	10	5	3.94	0.09				
15588	208.40	210.50	2.10	0.2	57	1341	23	-999	22	10	65	5	5	3.52	0.04				
15589	210.50	212.50	2.00	0.1	97	1973	447	-999	26	16	91	16	20	7.03	1.92				
15590	212.50	215.50	3.00	0.1	61	1260	92	-999	20	7	120	11	15	2.57	0.65				
15591	215.50	218.50	3.00	0.2	49	5213	66	-999	16	8	78	10	10	2.38	0.41				
15592	218.50	221.50	3.00	0.4	71	5332	43	-999	15	11	57	12	15	2.46	0.95				
15593	221.50	224.50	3.00	0.6	55	10000	57	-999	13	9	48	7	10	1.83	0.21				
15594	224.50	225.60	1.10	1	67	4345	71	-999	15	10	85	14	10	3.01	1.03				

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ASSAY SHEET

DATE: 1-February-1993

Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL										Aug/t g/t	Auopt oz/t	COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %			
15595	11.30	11.90	0.60	0.1	35	395	28	-999	22	13	39	4	30	1.87	0.57			
15596	11.90	14.90	3.00	0.1	77	348	147	-999	36	18	109	4	25	6.04	1.42			
15597	14.90	17.90	3.00	0.1	87	397	126	-999	36	20	141	10	20	7.86	1.13			
15598	17.90	20.20	2.30	0.1	99	1754	49	-999	38	25	127	4	25	7.4	1.79			
15599	20.20	23.20	3.00	0.2	90	23	20	-999	221	16	453	5	15	2.99	0.76			
15600	23.20	26.20	3.00	0.1	79	22	27	-999	36	14	43	4	10	3.18	0.56			
15726	26.20	29.20	3.00	0.1	81	27	27	-999	217	17	89	5	15	3.36	0.82			
15727	29.20	32.20	3.00	0.1	85	26	12	-999	79	19	129	4	15	3.81	0.32			
15728	32.20	33.90	1.70	0.1	79	41	38	-999	26	16	45	4	10	2.9	0.2			
15729	33.90	36.90	3.00	0.1	83	286	44	-999	31	18	83	5	25	4.26	0.4			
15730	36.90	39.40	2.50	0.1	49	123	51	-999	44	11	57	5	20	3.14	0.77			
15731	39.40	41.90	2.50	0.1	53	249	157	-999	29	15	47	5	25	4.08	0.78			
15732	41.90	44.10	2.20	0.1	69	929	24	-999	27	15	77	3	40	4.69	0.25			
15733	44.10	45.30	1.20	0.1	52	242	153	-999	49	14	82	3	20	3.84	0.65			
15734	45.30	48.30	3.00	0.1	43	244	68	-999	17	6	72	4	45	3.46	0.79			
15735	48.30	50.00	1.70	0.1	46	555	42	-999	19	5	73	1	25	3.85	0.61			
15736	50.00	53.00	3.00	0.1	62	272	80	-999	22	10	80	3	30	4.95	0.81			
15737	53.00	56.00	3.00	0.1	63	580	112	-999	23	9	96	3	10	4.79	0.62			
15738	56.00	59.00	3.00	0.1	66	1628	81	-999	359	8	124	2	15	6.17	0.71			
15739	59.00	62.00	3.00	0.1	54	334	64	-999	319	8	220	1	5	3.47	0.86			
15740	62.00	63.30	1.30	0.1	56	320	83	-999	77	9	186	3	5	3.93	1.28			
15741	63.30	63.80	0.50	0.1	38	254	101	-999	14	6	46	3	5	3.11	1.13			
15742	63.80	66.80	3.00	0.1	38	386	43	-999	21	7	76	2	20	3.13	0.5			
15743	66.80	69.80	3.00	0.1	34	353	57	-999	13	5	58	4	20	1.94	0.37			
15744	69.80	72.80	3.00	0.1	39	576	55	-999	28	6	82	2	15	2.63	0.45			
15745	72.80	75.80	3.00	0.1	33	376	38	-999	19	5	70	4	25	2.1	0.35			
15746	75.80	78.80	3.00	0.1	35	409	58	-999	18	5	64	2	20	2.26	0.76			
15747	78.80	81.00	2.20	0.1	39	220	94	-999	15	6	44	2	20	2.58	1.03			
15748	81.00	84.00	3.00	0.1	41	349	108	-999	27	6	40	4	20	2.82	0.89			
15749	84.00	87.00	3.00	0.1	39	432	105	-999	60	7	430	4	15	3.16	1.5			
15750	87.00	90.00	3.00	0.1	41	551	85	-999	37	6	49	5	15	3.14	1.57			
17701	90.00	92.00	2.00	0.1	33	275	93	-999	160	5	95	3	5	2.75	1.13			
17702	92.00	94.50	2.50	0.2	34	217	81	-999	209	5	68	3	5	1.9	0.84			
17703	94.50	97.50	3.00	0.1	64	550	174	-999	22	10	75	2	15	4.89	1.3			
17704	97.50	100.50	3.00	0.1	71	315	118	-999	28	13	105	6	5	6.4	1.58			
17705	100.50	102.80	2.30	0.1	49	456	91	-999	15	7	47	2	5	3.11	0.95			
17706	102.80	105.80	3.00	0.1	58	203	76	-999	27	11	67	4	25	4.11	0.84			
17707	105.80	108.00	2.20	0.1	52	155	369	-999	23	9	61	5	10	5.15	2.63			

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
17708	108.00	111.00	3.00	0.1	42	187	129	-999	23	5	54	1	30	3.42	1.2				
17709	111.00	114.00	3.00	0.1	59	218	118	-999	27	10	81	2	15	5.28	1.44				
17710	114.00	117.00	3.00	0.1	65	125	99	-999	28	10	80	4	10	4.68	1.17				

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Sample	From (m)	To (m)	Length (m)	ASSAYS		GEOCHEMICAL										Aug/t g/t	Auopt oz/t	COMMENTS
				Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %			
15780	2.10	4.80	2.70	0.1	28	309	62	-999	21	6	49	16	10	1.2	0.14			
15781	4.80	6.80	2.00	0.3	65	240	103	-999	15	12	47	19	10	4.45	0.55			
15782	6.80	9.80	3.00	0.4	38	97	36	-999	15	7	35	9	5	1.22	0.04			
15783	9.80	12.80	3.00	0.2	25	109	53	-999	19	8	38	10	20	1.09	0.07			
15784	12.80	15.80	3.00	0.9	31	161	45	-999	14	8	36	5	10	1.03	0.05			
15785	15.80	18.40	2.60	0.5	27	110	33	-999	13	5	36	5	15	0.68	0.03			
15786	18.40	22.00	3.60	0.1	91	276	113	-999	40	16	428	58	20	8.8	0.22			
15787	22.00	23.80	1.80	0.1	96	158	78	-999	20	16	151	26	20	8.69	1.33			
15788	23.80	25.60	1.80	0.3	17	45	17	-999	9	5	16	10	15	0.73	0.23			
15789	25.60	27.40	1.80	0.2	23	45	20	-999	12	5	26	12	10	0.66	0.28			
15790	27.40	27.80	0.40	0.2	22	40	26	-999	17	5	20	10	10	0.5	0.22			
15791	27.80	30.10	2.30	0.1	140	166	269	-999	38	17	110	270	10	7.29	4.86			
15792	30.10	31.90	1.80	0.1	111	226	79	-999	36	17	121	114	15	8.52	2			
15793	31.90	32.40	0.50	0.1	73	73	80	-999	13	8	32	88	10	5.4	4.69			
15794	32.40	35.40	3.00	0.1	59	260	22	-999	31	12	113	12	10	4.44	0.38			
15795	35.40	38.70	3.30	0.1	59	1382	21	-999	27	11	132	4	10	4.43	0.15			
15796	38.70	42.00	3.30	0.1	53	741	29	-999	24	10	135	7	5	4.34	0.16			
15797	42.00	44.00	2.00	0.1	67	824	143	-999	34	17	190	10	5	2.82	0.08			
15798	44.00	46.10	2.10	0.5	47	550	62	-999	24	13	184	5	10	2.74	0.04			
15799	46.10	49.10	3.00	0.1	74	566	18	-999	29	17	149	6	5	3.69	0.17			
15800	49.10	52.10	3.00	0.2	55	247	15	-999	26	12	110	7	10	3.27	0.24			
15801	52.10	55.10	3.00	0.8	64	274	17	-999	34	19	96	5	50	2.63	0.31			
15802	55.10	58.10	3.00	0.1	60	301	20	-999	26	11	89	6	10	4.07	0.19			
15803	58.10	61.00	2.90	0.1	64	1604	19	-999	32	12	76	9	20	3.8	0.23			
15804	61.00	64.00	3.00	0.4	63	1909	21	-999	30	14	75	6	10	3.76	0.19			
15805	64.00	67.00	3.00	0.6	61	1428	18	-999	29	13	73	5	5	3.72	0.18			
15806	67.00	70.00	3.00	0.6	61	1737	20	-999	24	12	69	7	5	3.58	0.12			
15807	70.00	73.00	3.00	0.1	47	2544	24	-999	28	12	72	5	5	3.53	0.21			
15808	73.00	76.00	3.00	0.2	48	2474	18	-999	26	12	78	4	60	4.12	0.11			
15809	76.00	77.60	1.60	0.1	52	658	16	-999	30	14	95	6	30	4.37	0.22			
15810	77.60	80.60	3.00	0.1	31	164	50	-999	37	9	114	19	20	1.87	0.32			
15811	80.60	83.60	3.00	0.1	57	191	30	-999	19	13	53	10	10	4.3	0.46			
15812	83.60	86.60	3.00	0.8	61	590	42	-999	21	13	56	7	20	6.11	0.35			
15813	86.60	89.60	3.00	0.5	52	1205	24	-999	29	16	52	9	15	5.06	0.46			
15814	89.60	92.60	3.00	0.1	63	990	27	-999	28	13	47	29	20	5.59	1.16			
15815	92.60	95.60	3.00	0.1	85	170	40	-999	23	14	51	28	15	5.42	0.63			
15816	95.60	98.60	3.00	0.1	64	290	48	-999	22	15	47	21	10	6.45	0.64			
15817	98.60	100.30	1.70	0.3	64	304	29	-999	24	18	35	11	10	4.37	0.35			

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Sample	From (m)	To (m)	Length (m)	Ag ppm	As ppm	Ba ppm	Cu ppm	Mo ppm	Pb ppm	Sb ppm	Zn ppm	Au ppb	Hg ppb	Fe %	S %	Aug/t g/t	Auopt oz/t		
15818	100.30	103.30	3.00	0.2	39	117	21	-999	16	12	22	15	15	1.85	0.27				
15819	103.30	106.30	3.00	0.1	31	56	42	-999	5	3	19	17	15	1.51	0.61				
15820	106.30	108.90	2.60	0.1	40	168	27	-999	49	7	207	21	10	2.24	0.48				
15821	108.90	111.90	3.00	0.1	83	101	50	-999	23	16	62	10	15	6.74	0.62				
15822	111.90	114.30	2.40	0.1	234	238	30	-999	35	24	69	31	10	5.92	0.68				
15823	114.30	117.30	3.00	0.1	114	123	103	-999	25	17	58	25	20	6.69	1.15				
15824	117.30	120.30	3.00	0.1	100	179	38	-999	21	14	36	26	10	4.29	0.52				
15825	120.30	123.60	3.30	0.1	65	320	28	-999	9	7	19	27	15	2.8	0.51				
15826	123.60	126.60	3.00	0.4	81	1136	190	-999	15	10	18	103	10	4.62	2.39				
15827	126.60	128.60	2.00	0.1	58	1616	89	-999	12	8	22	43	15	4.28	1.54				
15828	128.60	131.60	3.00	0.1	41	1388	60	-999	12	6	15	25	15	2.83	0.96				
15829	131.60	133.90	2.30	0.1	46	130	48	-999	14	7	19	16	5	2.98	0.76				
15830	133.90	135.80	1.90	0.2	111	892	134	-999	13	10	17	66	20	4.17	2.29				
15831	135.80	137.70	1.90	0.1	270	42	143	-999	11	9	17	690	20	5.8	3.72				
15832	137.70	140.20	2.50	0.1	115	66	16	-999	20	13	67	47	15	6.59	0.16				

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