DIAMOND DRILLING REPORT

ON THE

PRISE MINERAL CLAIM

Skeena Mining Division

N.T.S. 104A/4E

56° 13.4'N, 129° 32.7'W

Owned by

Falconbridge Nickel Mines Ltd.

Operated by

Riocanex Inc.

Report by

M. Holtby

October, 1981

SUMMARY

During the months of July and August, 1981 Riocanex Inc. carried out a radio echo sounding survey and diamond drilled three holes, totalling 1038.5m, on the Prise mineral claim of the Surprise Creek Option. This exploration programme was to investigate a molybdenite bearing biotite hornfels with coincident anomalous fluorine values. The distribution of hornfels, molybdenite and fluorine geochemistry implied that a mineralized stock occurred at depth beneath a small ice cap.

The radio echo sounding survey found that the ice average 55 to 70m in depth. Diamond drilling negated the possibility that a mineralized intrusive lies beneath the ice cap.

It is concluded that thrusting from the east-northeast has resulted in an imbricate type placement of the observed stratigraphy, alteration and mineralization.

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SURPRISE CREEK OPTION

104A/4E

1. INTRODUCTION

This report covers the 1981 diamond drilling programme carried out on the Prise claim located in the Skeena Mining District. Between July 9 and August 5 three holes totalling 1038.5m were drilled.

1.1 Location and Access

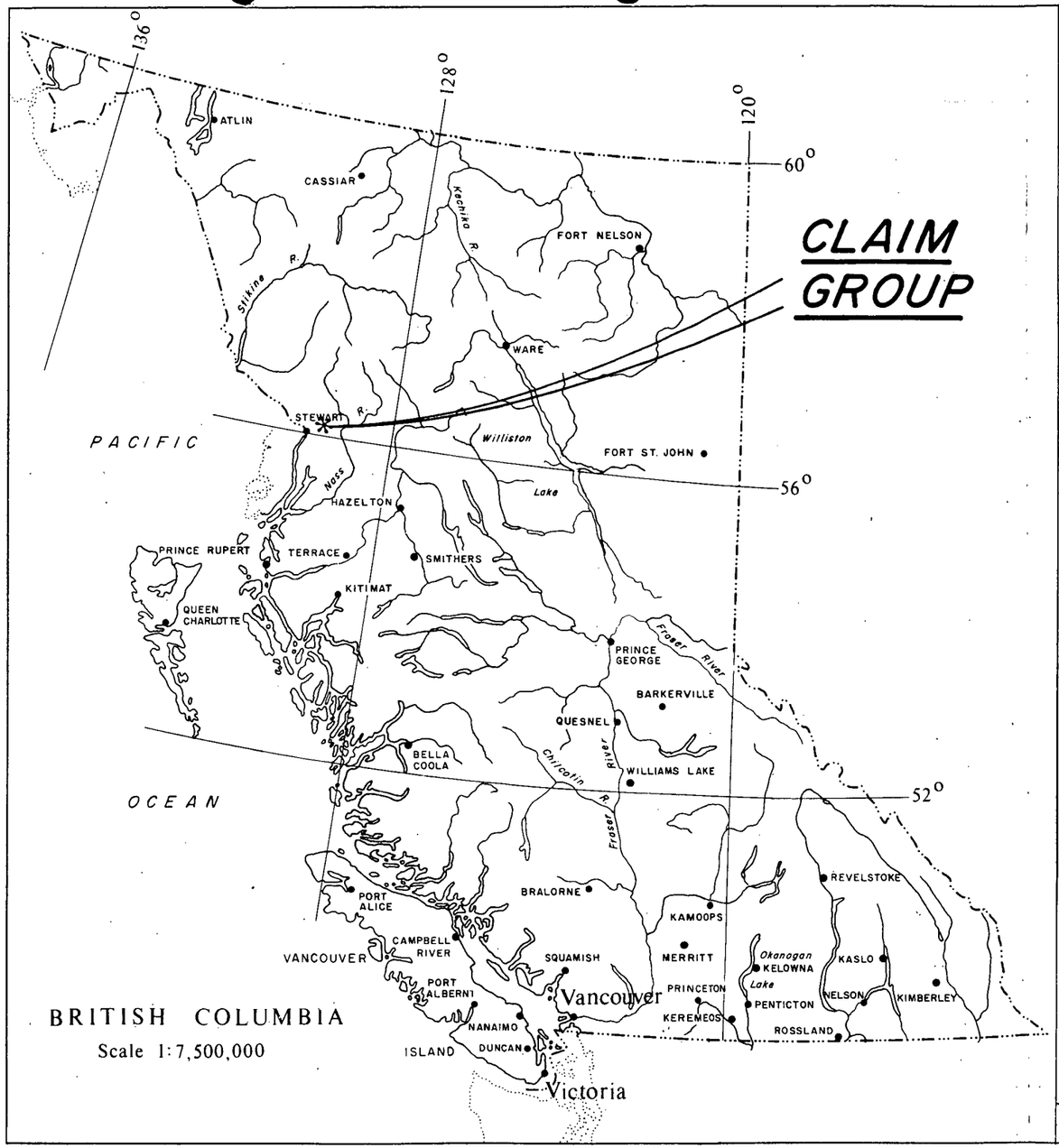
The property is located in N.T.S. block 104A/4E and is centred at U.T.M. co-ordinates: 465500 East, 6231500 North, Zone 9.

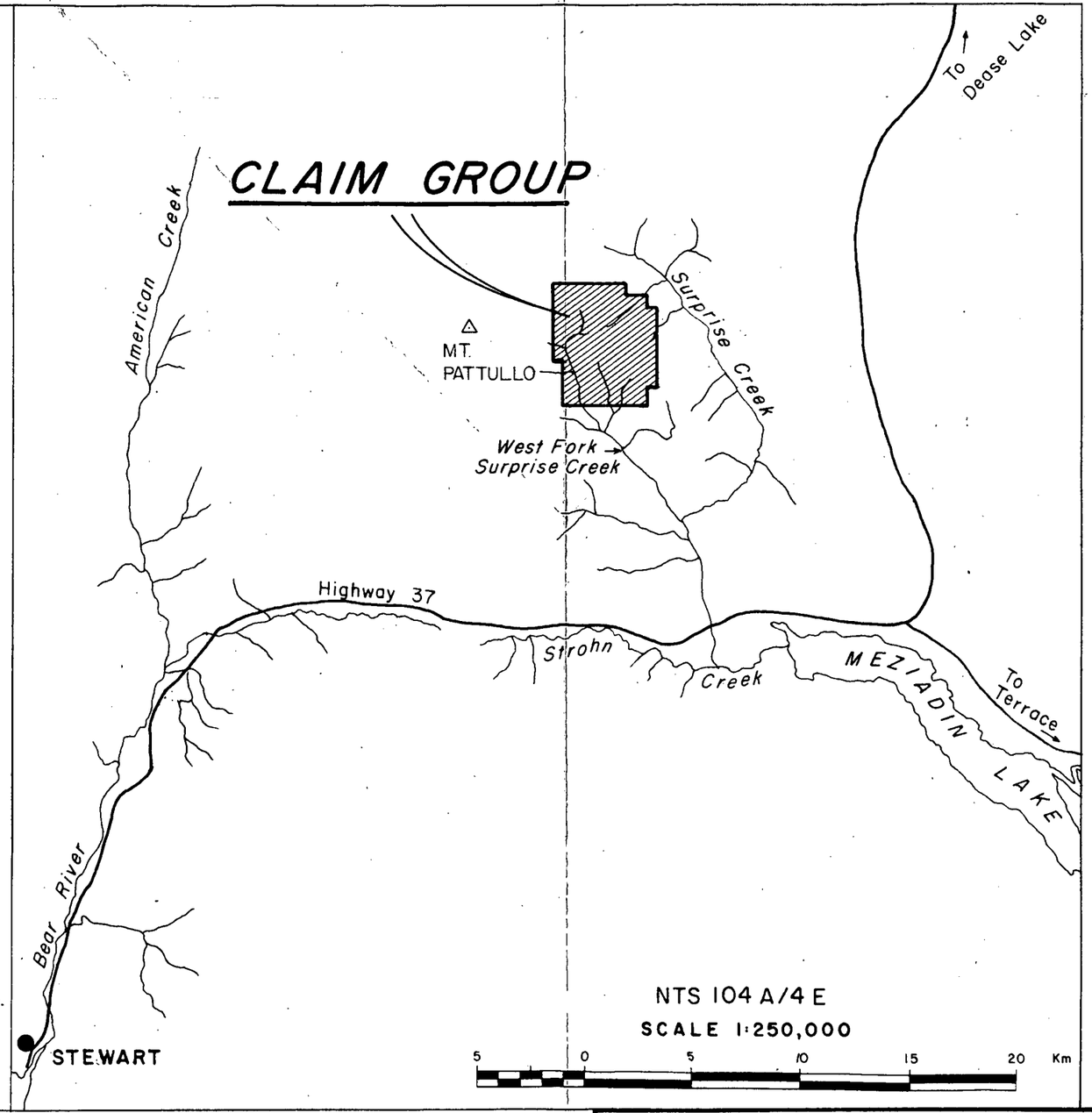
Access is via Vancouver Island Helicopters from their base in Stewart, 43km southwest of the property. The diamond drill and camp equipment were slung in from the Stewart-Cassiar Highway, some 13km south of the drillsites.

A location map (L-6719) is located between pages 1 and 2.

1.2 Claims

With the addition of 46 units staked during the drill programme the property consists of 100 units in 11 claims. The claims are shown on drawing C-6720 between pages 2 and 3.





RIO TINTO CANADIAN EXPLORATION LTD.

SURPRISE CREEK OPTION

LOCATION MAP

DATE	DRAWN BY	DWG.
JULY 1981	M.H.H./d.a.g.	L 6719

Claim Name	No. of Units	Anniversary Date	Expiry Date*	Record No.
SUR	20	August 31	1991	760
PRISE	20	August 31	"	759
CREEK	4	September 5	"	767
TRIB	10	October 3	"	784
TORCH	12	July 29	1992	3141
TORCH #2	4	July 29	"	3142
TORCH #3	6	July 29	"	3143
TORCH #4	8	July 29	"	3144
TORCH #5	10	July 29	"	3145
TORCH #6	2	July 29	"	3146
TORCH #7	4	July 29	"	3147

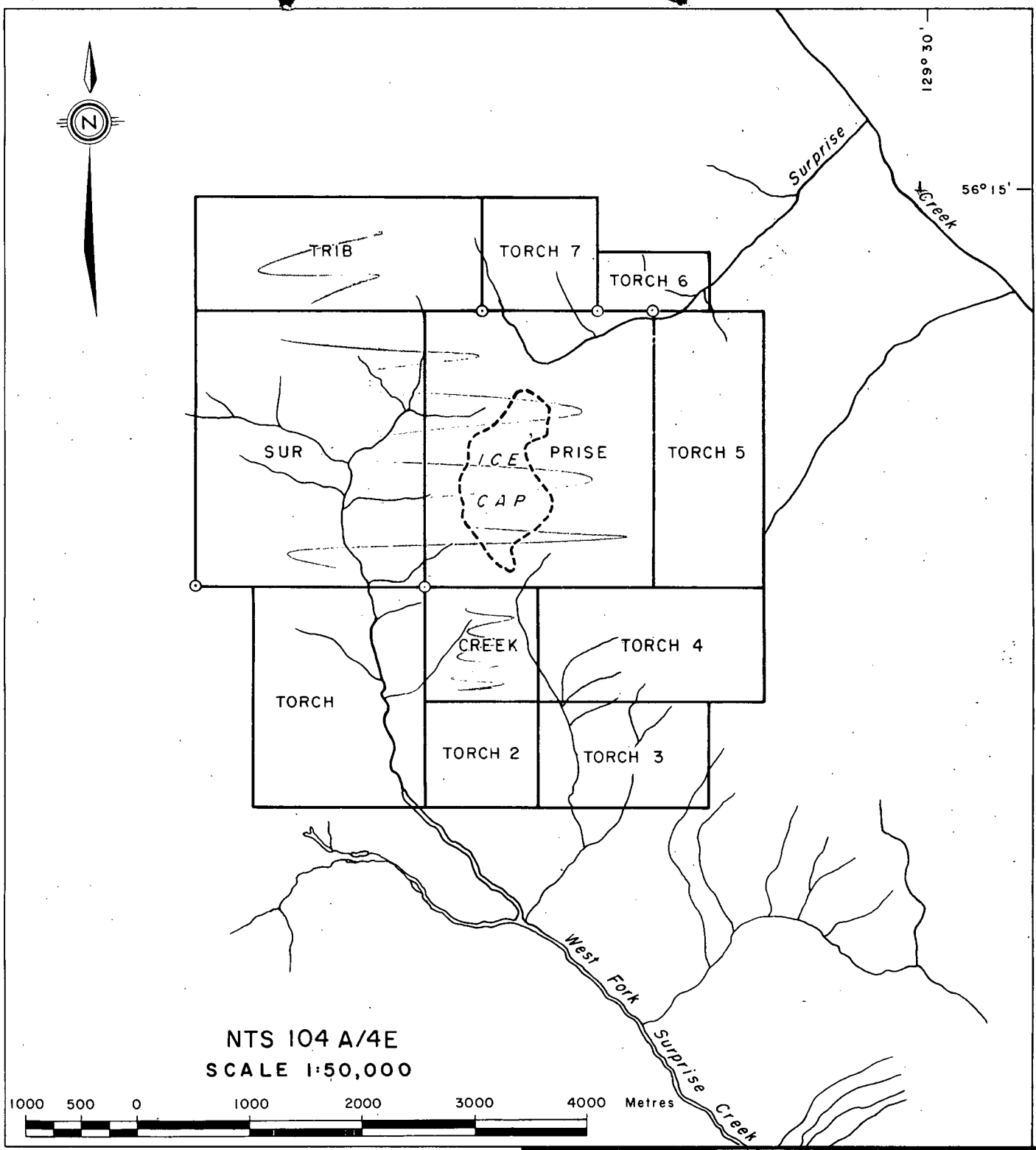
* Based upon filing of this work programme.

1.3 History

The property was first staked as the Deck claims in 1966 by Kennco. No public records of Kennco's work are available.

In 1977 Falconbridge found molybdenum-mineralized boulders at the north end of the west fork of Surprise Creek and subsequently staked the present claims. During 1979 Falconbridge carried out a programme of geochemical sampling, geological mapping and geophysical surveying of the area of interest. In 1980 J.R. Woodcock Consultants Ltd. carried out a rock geochemical survey over the area of prime interest.

In 1981 Riocanex Inc. optioned the property from Falconbridge.



RIO TINTO CANADIAN EXPLORATION LTD.

SURPRISE CREEK OPTION

CLAIM MAP

DATE	DRAWN BY	DWG.
JULY 1981	M.H.H./d.a.g.	C 6720

1.4 1981 Field Programme

Field work was conducted from June 26 to August 31 by M. Holtby (geologist), G. Lohman (geologist) and L. Simmons (geological assistant). During this period 46 claim units were staked, 1038.5m of diamond drilling was completed, the drill core was logged and selected sections of core were split for lithogeochemical analysis and for assay. From July 7 to July 11 E. Waddington and B. Prager carried out a mono-pulse radio echo sounding survey to determine the thickness of the ice cap.

Due to the theft of the drill logs M. Holtby and G. Lohman relogged the core from September 17 to 24th.

2. GEOLOGY

2.1 Regional

The property is located on the western edge of the Bowser Basin near the contact of Upper Jurassic Bowser Group and Lower Jurassic Hazelton Group.

The Bowser Group comprises a thick assemblage of marine and nonmarine sediments composed predominately of shale, siltstone, and conglomerate with one interbedded assemblage of acid and intermediate volcanic breccia, tuff and flows. The Hazelton Group is a thick assemblage of subaqueous and subaerial basaltic to rhyolitic volcanic rocks, sedimentary rocks and minor limestone.

2.2 Property.

For a full description of the geology refer to B. Downing's[1] 1980 report on the property.

1 B.C. Dept. of Mines Assessment Report Number 7576.

The property is underlain by Bowser Group (Nass Formation) sedimentary rocks. These sedimentary rocks are interbedded shales, siltstone, arkosic and quartzose sandstone (greywacke). Argillic and minor pebble conglomerate have been observed.

Two separate rusty zones, approximately 800 x 300m and 1800 x 900m, have been identified as being the result of hornfelsing (biotite alteration) of siltstone and greywacke. The smaller zone is associated with an exposed porphyritic quartz monzonite stock.

As a result of the work by Falconbridge and Woodcock Consultants a concentric zonation of biotite alteration with coicident anomalous values of fluorine was outlined within the larger hornfels zone. This zonation was considered to be be centred on a small ice cap located in the centre of the claim block. The zonation along with molybdenite bearing quartz veinlets beside the ice cap and in float in the moraine in front of the ice cap implied that a mineralized stock occurred at depth beneath the ice cap.

The radio echo sounding survey showed an average ice depth of 55 to 70m and a maximum depth of 92m.

3. DRILLING

3.1 Hole Statistics

Hole 81-1: Co-ordinates 24350 East, 25240 North.
Azimuth 285°
Dip -60°
Length 500.2m
Collar Elevation 1480m
Core Diameter 0 - 301.4m NQ (47.6mm)
301.4 - 500.2m BQ (36.5mm)

Dip Tests: (corrected values)

125m	-60°
250m	-53°
400m	-50°
500m	-48°

Hole 81-2: Co-ordinates 24350 East, 25130 North.
Azimuth 175°
Dip -70°
Length 324.9m
Collar Elevation 1505m
Core Diameter: 0 - 301.4m NQ (47.6mm)
301.4 - 324.9 BQ (36.5mm)

Dip Tests (corrected values)

152.4m	-70°
324.9m	-70°

Hole 81-3: Co-ordinates 24350 East, 25130 North.
Azimuth 75°
Dip -60°
Length 213.4m
Collar Elevation 1505m
Core Diameter 0 - 213.4m BQ (36.5mm)
Dip tests (corrected values)

106.7m	-60°
213.4m	-58°

All core is stored in wooden core boxes on the property.

3.2 Drill Results

All three holes intersected only Bowser Group sediments except for two lamprophyre dykes cut by hole 81-1. Graded bedding indicates the section is tops up. In all three holes sections of gouge,

breccia, very broken core and slickensided sulphides indicate numerous faults.

Hole 81-1:

0-295.86m	Interbedded quartz and feldspathic arenites dominate the section.
295.86m-500.2m	Graphitic siltstone predominate with little quartz and feldspathic arenite. Between 450m and 458m two lamprophyre dykes, each approximately 0.6m wide, were cut.

Arenites vary from weakly to very strongly biotite hornfelsed while graphitic siltstone appears unaltered. This hornfelsing has been bleached by a spotty sericitic alteration, especially in the section from 114.2m to 147.7m.
Disseminations of pyrite and/or pyrrhotite average from less that 1% to 2% throughout the hole although short sections of 50% pyrite and/or pyrrhotite are not uncommon.
Molybdenite and chalcopyrite mineralization occur in quartz veins with pyrite, pyrrhotite plus or minus calcite and rarely flourite. The order of abundance of sulphides is pyrrhotite, pyrite, molybdenite then chalcopyrite. Molybdenite rarely occurs within the graphitic siltstone sections. Chalcopyrite is almost always associated with pyrrhotite and is found throughout the drilled section.

Hole 81-2:

0-116.5m	Quartz and feldspathic quartz arenite dominate the section.
116.5m-136.6m	Graphitic siltstone with minor arenite.
136.6m-245.8m	Quartz and feldspathic quartz arenite again dominate the section.
245.8m-273.5m	Mixture of arenaceous siltstone, graphitic siltstone and quartz arenite.
273.5m-280.6m	Quartz arenite with minor graphitic siltstone.
280.6m-324.9m	Graphitic siltstone with lessor quartz arenite.

As in hole 81-1 the arenites are weakly to strongly biotite hornfelsed while graphitic siltstone appears unaltered. By 30m bleaching caused by sericitic alteration has obscured the hornfels color. Weak argillic alteration begins near 38m and increases to a strong pervasive alteration by 50m. The pervasive argillic alteration fades out by 88.5m although hairline kaolin veinlets extend to approximately 100m. Spotty bleaching of the hornfels occurs throughout the hole, especially as halos around quartz veinlets and pervasively in areas with numerous veinlets.
Molybdenite and chalcopyrite occur in the same mode as in hole 81-1 with the addition of very minor molybdenite on dry fractures within the strongly argillic

altered section. The best molybenum grades occur within the argillic altered section with the best 2m section containing an estimated 0.1% Mo.

Hole 81-3:

0-140.5m	Quartz and feldspathic quartz arenite predominate.
140.5m-155.7m	Mixture of graphitic siltstone and graphitic, dirty quartz arenite.
155.7m-180.2m	Mixture of quartz arenite and dirty quartz arenite.
180.2m-205.95m	Graphitic siltstone with very minor quartz arenite.
205.95m-213.4m	Quartz arenite.

As in hole 81-1 and 81-2 the arenite is hornfelsed while the graphitic siltstone appears unaltered. Sulphide mineralization occurs as in the other holes.
Argillic alteration begins about 62m, is strong and pervasive by 66m and fades out at approximately 120m. Kaolin veinlets extend for a few metres past the prevasive argillic alteration. The best molybdenum mineralization again occurs in the argillic altered section.

4. CONCLUSIONS

It is concluded that hole 81-1 negated the possibility that a mineralized intrusive lies beneath the ice cap.

From the distribution of quartz veinlets and sulphide mineralization, evidence of faulting, and from follow-up surface mapping it is also concluded that the section cut by the drill holes consists of thrust slices that have been selectively moved various distances from the position of the original hornfelsing and mineralizing event.

It is concluded that this thrusting was from an east-northeast direction.

Max H. Holtby

STATEMENT OF QUALIFICATIONS

Max. H. Holtby

1. I am a geologist residing at M1402-1600 Beach Avenue, Vancouver, British Columbia.

2. I graduated from the University of British Columbia in 1972 with a B.Sc. Honours degree in Geology and have practised my profession with the following companies:

   Giant Explorations Limited, Vancouver
   May 1969 - September 1969

   Kennco Explorations (Western) Limited, Vancouver
   May 1970 - September 1970

   Rio Tinto Canadian Exploration Limited, Vancouver
   May 1971 - March 1973

   Riocanex Inc., Vancouver
   February 1974 - to Present

3. I supervised the 1981 geological programme that forms the basis of this report.

4. I am a Fellow in the Geological Association of Canada.

GEOLOGICAL ASSOCIATION OF CANADA · M. H. HOLTBY · FELLOW ·

Max H. Holtby

STATEMENT OF QUALIFICATION

Gary H. T. Lohman

1. I am a Geologist residing at 2473 Edenhurst Drive, Mississauga, Ontario

2. I graduated from The University of Toronto in 1981 with a B.Sc. degree in Geology and have practised my profession with the following companies:

Hanna Mining Company
May 1978 - Sept. 1978

Rio Tinto Canadian Exploration Ltd.
May 1979 - Sept. 1979

Rio Tinto Canadian Exploration Ltd.
May 1980 - Nov. 1980

Riocanex Inc.
May 1981 - Oct. 1981

Gary H. T. Lohman

APPENDIX I

COSTS STATEMENT
B.C. SURPRISE CREEK OPTION
GEOLOGY, GEOPHYSICAL, STAKING, DIAMOND DRILLING
10 JUNE THROUGH 24 SEPTEMBER 1981

GENERAL COSTS

FOOD & ACCOMMODATION		
5 Men, 10 June-24 Sept., 246 Man Days @ $16		$ 3,852
SUPPLIES		4,777
TRAVEL		
FIXED WING		
Universal Travel, 6 July-14 Aug., VCR/STW, 10 Trips @ $177.22	$1,772	
C.P. Air, 22 July-7 Aug., PRP/VCR, 2 Trips @ $115.65	231	
PRP/STW, 1 Trip	71	
Transprovincial, 30 June, PRP/STW, 1 Trip	66	
B.C. Yukon Air, 24 July, WLK/STW, 1 Trip	955	3,095
HELICOPTER		
Van. Isl. Hel., 12 June-24 Sept., 101.5 Hrs. @ $502.3		50,983
RENTAL EQUIPMENT		
Rentway, 81 Blazer 4WD, 4 May-24 Sept., 2.9 Mo @ $742	$2,155	
Traeger, SSB50C, 1 May-24 Sept., 2.9 Mo. @ $197.16	548	
Traeger, VHF Portables, 1 May-23 Sept., 2.9 Mo. @ $185.50	519	3,222
FUEL		1,470
RIOCANEX EQUIPMENT		
246 Man Days @ $3		738

REPAIRS TO RIOCANEX EQUIPMENT		$ 37
LICENCES & FEES		79
DRAFTING SERVICES & SUPPLIES		593
TOTAL GENERAL COSTS		$ 68,846

GEOPHYSICS SURVEY

SALARIES & WAGES		
U.B.C: 2 Men, 6-13 July, 13 Man Days @ $176.92		$ 2,300
RIOCANEX: 2 Men, 6-13 July, 2 Man Days @ $68.50	$ 137	
BENEFITS: @ 20%	27	164
GENERAL COSTS		
15/246 x $68,846		4,198
		$ 6,662

DIAMOND DRILLING

SALARIES & WAGES		
3 Men, 10 June-24 Sept., 193 Man Days @ $60.94		$ 11,761
BENEFITS: @ 20%		2,352
DIAMOND DRILLING CONTRACT		
G&D Diamond Drilling		
9 July-5 Aug., 1,038.45m @ $126.01		130,856
CONSULTANT FEES		
J.R. Woodcock		700
ROCK GEOCHEM.		
Chemex Labs, 151 for Cu, Mo, Ag, W, F, @ $12.75	$ 1,925	
CORE ASSAYS		
Chemex Labs, 44 for Mo @ $8.50	374	2,299

REPORT PREPARATION	$ 600
GENERAL COSTS	
193/246 x $68,846	54,013
TOTAL DIAMOND DRILLING	$ 202,581

GEOLOGY COSTS

SALARIES & WAGES	
3 Men, 16 Aug.-3 Sept., 23 Man Days @ $60.94	$ 1,402
BENEFITS: @ 20%	280
GENERAL COSTS	
23/246 x $68,846	6,437
TOTAL GEOLOGY COSTS	$ 8,119

STAKING COSTS

SALARIES & WAGES	
3 Men, 12-26 July, 15 Man Days @ $60.94	$ 914
BENEFITS: @ 20%	183
GENERAL COSTS	
15/246 x $68,846	4,198
TOTAL STAKING COSTS	$ 5,295

APPENDIX II

DIAMOND DRILL LOGS

ABBREVIATIONS IN THIS APPENDIX

Py	:	Pyrite
Po	:	Pyrrhotite
Mo	:	Molybdenite
Cpy	:	Chalcopyrite
Qtz	:	Quartz
Chl	:	Chlorite
Clct	:	Calcite
Dssm	:	Disseminated
Tr	:	Trace
M	:	Metre
mm	:	Millimetre
=	:	Equals
±	:	Plus or Minus

Rio Tinto Canadian Exploration Limited

Diamond Drill Record

Location: 24350 East 25240 North				Hole No. 81-1
Azimuth: 285°	Dips - collar	60°	Contractor: G & D DIAMOND DRILLING LTD.	Property: Surprise Creek Option
Elevation: 1480m	-250 m	53°	Logged By: G. Lohman	Claim No. Prise
Length: 500.2m	-400 m	50°	Date: September 1981	Section No.
Core Size: 0 - 301.4m NQ 301.4-500.2 BQ	-500 m	48°		Started: July 11, 1981
Purpose: to test beneath ice cap.				Completed: July 20, 1981

From m	To m	Description	Interval	From m	To m	
0	3.0	CASING -				
3.0	4.0	FELDSPATHIC ARENITE - 20% FELDSPAR	1	3.0	4.0	- 5 VEINLETS AVERAGE 1mm IN SIZE.
		- 5% DSSM PYRITE				- Py ± qtz ± Po (tr)
		- TRACE DSSM PYRRHOTITE				- SOME Py OUTGROWTHS (1cm), PERPENDICULAR
		- CORE IS QUITE BROKEN - POOR RECOVERY				TO THE VEINLETS
		- MEDIUM REDDISH BROWN - MODERATE BIOTITE HORNFELS ALTERATION				
		- FE STAIN ALONG FRACTURES				
		- MINOR QUARTZ ARENITE				
4.0	4.75	QUARTZ ARENITE - QUARTZ IS APHANITIC	.75	4.0	4.75	- 6 VEINLETS
		- 10% FELDSPAR (YELLOWISH AND SOFT)				- Py ± qtz ± Po
		- 20% DSSM PYRITE				- @ 4.30m - VEINLET 10mm IN SIZE -
		- POSSIBLE FAULT AT 4.70m				qtz - py - Po - mo
4.75	12.50	FELDSPATHIC ARENITE - 20 TO 25% FELDSPAR	1.25	4.75	6.0	- 11 VEINLETS - AVERAGE 1 TO 5mm
		- 1 TO 2% DSSM PYRITE				- qtz - py - po ± mo ± clot
		- TRACE DSSM PYRRHOTITE				
		- FINE TO MEDIUM GRAINED				

Rio Tinto Canadian Exploration Limited

Diamond Drill Record

Hole No. 81-1

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From m	To m	Description	Interval	From m	To m							
4.75	12.50	CONT - MEDIUM TO DARK REDDISH BROWN - MODERATE	2	6.0	8.0	- 18 VEINLETS - 3 TO 10mm						
CONTINUED		TO STRONG BIOTITE HORNFELS ALTERATION				- qtz - py - po ± mo ± clct						
						- @ 7.10 - VEINLET 1/cm IN SIZE -						
						qtz - po - py - cpy (tr)						
			2	8.0	10.0	- 13 VEINLETS - 2 TO 6mm						
						- qtz - py - po ± mo ± clct						
						- 5 VEINLETS - qtz - py ± clct						
		- V. MINOR ANGULAR SILICEOUS CLASTS	2.5	10.0	12.50	- 13 VEINLETS - 3 TO 20mm IN SIZE						
		- 2 TO 3mm IN SIZE				- qtz - py - po ± clct						
12.50	17.0	QUARTZ ARENITE - MINOR SILICEOUS	1.50	12.50	14.00	- 13 VEINLETS - 1 TO 6mm - qtz - py ± Po ± clct						
		FELDSPATHIC ARENITE - FINE GRAINED				- 6 VEINLETS - 1/2 - 1mm - Py WITH						
		- DARK REDDISH BROWN - STRONG BIOTITE				DENDRITIC OUTGROWTHS (3mm in SIZE).						
		HORNFELS ALTERATION, SOME IS MODERATE										
		- STRONG BLEACHING ASSOCIATED WITH	2.0	14.0	16.0	- 12 VEINLETS - 2 TO 13mm -						
		THE QUARTZ ARENITE				qtz - py ± Po ± mo ± clct						
		- WITHIN THE QUARTZ ARENITE - 1% DSSm										
		PYRITE - 1 TO 2% DSSm PYRRHOTITE	1	16.0	17.0	- 4 VEINLETS - qtz - Po - Py ± clct ± mo						
		- WITHIN THE FELDSPATHIC ARENITE - 1% DSSm										
		PYRITE - TRACE DSSm PYRRHOTITE.										
17.0	23.75	- FELDSPATHIC ARENITE - FINE TO	1	17.0	18.0	- 5 VEINLETS - 2 TO 10mm						
		MEDIUM GRAINED				- qtz - py ± po ± clct ± mo						
		- 15% TO 25% FELDSPAR										

Rio Tinto Canadian Exploration Limited

Diamond Drill Record

Hole No. 81-1

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From m	To m	Description	Interval	From m	To m							
17.0	23.75	CON'T TRACE TO 1% DSSM PYRITE	2	18.0	20.0	- 21 VEINLETS - 1 TO 12mm						
CONTINUED		- WEAK TO STRONG BIOTITE HORNFELS				- qtz - py ± clct ± po - mo (tr)						
		ALTERATION				- MINOR BLEACHED HALO'S						
		-										
		- WEAK BLEACHING	2	20.0	22.0	- 17 VEINLETS - 1 TO 15mm - qtz - py - po ± clct ± mo						
		- BEDDING = 40° TO CORE				- SOME Py OUT GROWTHS						
			1.75	22.0	23.75	- 9 VEINLETS						
						- qtz ± Py ± Po ± clct						
						- SOME Small BLEACHED HALOS.						
23.75	28.00	QUARTZ ARENITE - LIGHT GREY (UNALTERED)	.25	23.75	24.00	-						
		- VERY FINE TO FINE GRAINED										
		- 8 TO 10% FELDSPAR - SOFT AND YELLOWISH										
		24.0 TO 26.0 - SOFT SEDIMENT DEFORMATION	2	24.00	26.00	- 7 VEINLETS - 2 TO 7mm - qtz + Py ± clct ± mo						
		- BEDDING = 70 TO 75° TO CORE				- NUMEROUS VEINLETS < 1mm OF Py						
		- @ 24.00 TO 24.25 - 5 TO 8% DSSM PYRITE.										
		26.00 TO 28.00 - 10 TO 15% FELDSPAR	2	26.00	28.00	- 9 VEINLETS - qtz - py ± Po ± clct ± mo						
		- @ 27.29 TO 27.55 - THE ROCK IS BRECCIATED - HEALED BY QUARTZ.										
28.00	108.52	FELDSPATHIC ARENITE (DIRTY QUARTZITE?)										
		- 15 TO 25% FELDSPAR										

Rio Tinto Canadian Exploration Limited

Diamond Drill Record

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	CON'T - VERY FINE TO MEDIUM GRAINED										
CONTINUED		- TRACE DSSM PYRITE										
		- 28.00 TO 30.00 - LIGHT BROWN TO REDDISH	2	28.00	30.00	- 18 VEINLETS - 1 TO 10mm - qtz - py ± clct ± mo						
		BROWN - WEAK BIOTITE HORNFELS				- 1 VEINLET - 57mm - qtz - py ± clct ± mo						
		ALTERATION										
		- DSSM PYRITE LOCALLY IN 1 TO 2mm SIZE										
		- @ 29.00 - 20 TO 80% DSSM PYRITE Common										
		30.00 TO 32.00 - WEAK TO MODERATE	2	30.00	32.00	- 13 VEINLETS - 1 TO 20 mm - qtz - py ± mo						
		BIOTITE HORNFELS ALTERATION										
		- POSSIBLY SLIGHTLY ARKOSIC										
		32.00 TO 34.00 - WEAK TO MODERATE	2	32.00	34.00	- 14 VEINLETS - qtz - po - clct ± mo ± cpy						
		BIOTITE HORNFELS ALTERATION										
		- CALCITE ± talc ALONG FRACTURES										
		34.00 TO 36.00 - MEDIUM REDDISH BROWN -	2	34.00	36.00	- 21 VEINLETS - qtz ± po ± py ± clct ± mo						
		MODERATE BIOTITE HORNFELS ALTERATION				- SOME WEAK BLEACHING AROUND A FEW VEINLETS						
						- 1 VEINLET - Po						
		—										
		36.00 TO 38.00 - MEDIUM TO DARK REDDISH	2	36.00	38.00	- 10 VEINLETS - qtz - po ± clct ± py ± mo						
		BROWN - MODERATE TO STRONG BIOTITE				- 1 TO 3mm						
		HORNFELS ALTERATION										
		- BEDDING = 70 TO 75° TO CORE										

Rio Tinto Canadian Exploration Limited

Diamond Drill Record

Hole No. 81-1

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	36.00 TO 38.00 CONT- WEAK FRACTURING - HEALED										
CONTINUED		BY clct ± talc ± chl ± Py										
		38.00 TO 40.00 - MEDIUM TO DARK REDDISH	2	38.00	40.00	- 10 VEINLETS - 1 TO 5mm - qtz - po ± clct ± py						
		BROWN - MODERATE TO STRONG BIOTITE				- MINOR BLEACHED HALO'S						
		HORNFELS ALTERATION										
		- 2% DSSM PYRITE										
		- 1% DSSM PYRRHOTITE										
		- WEAK FRACTURING - HEALED BY clct-										
		talc ± chl										
		40.00 TO 42.00 - MEDIUM TO DARK REDDISH	2	40.00	42.00	- 29 VEINLETS - 1 TO 4mm - qtz-po ± clct ± py (tr)						
		BROWN - MODERATE TO STRONG BIOTITE										
		HORNFELS ALTERATION										
		- @ 41.10 TO 42.00 - 15 TO 25% DSSM										
		PYRRHOTITE										
		- WEAK FRACTURING - HEALED BY clct ±										
		talc.										
		42.00 TO 44.00 - DARK REDDISH BROWN TO	2	42.00	44.00	- 25 VEINLETS - 1 - 11mm - qtz · po ± mo ± clct						
		LIGHT GREY - STRONG BIOTITE HORNFELS										
		ALTERATION										
		- @ 42.00 TO 42.20 - 15 TO 25% DSSM										
		PYRRHOTITE (ALSO SMALL - 3mm - VEINLET										
		OF PYRRHOTITE)										
		- WEAK FRACTURING - HEALED BY clct ± talc										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	44.00 TO 46.00 CON'T DARK REDDISH BROWN TO LIGHT	2	44.00	46.00	- 12 VEINLETS	- 1 TO	6mm	- qtz - po - clct ± mo			
CONTINUED		GREY - STRONG BIOTITE HORNFELS				- MINOR BLEACHED		HALO'S				
		ALTERATION										
		- WEAK FRACTURING - HEALED BY clct ± talc										
		46.00 TO 48.00 - MEDIUM TO DARK REDDISH BROWN	2	46.00	48.00	- 11 VEINLETS	- 2 TO	8mm	- qtz - po ± clct ± mo (tr)			
		- MODERATE TO STRONG BIOTITE HORNFELS										
		ALTERATION										
		- WEAK BLEACHING										
		- clct AND talc ALONG FRACTURES										
		48.00 TO 50.00 - DARK REDDISH BROWN - STRONG	2	48.00	50.00	- 8 VEINLETS	- 1.5 TO	5mm	- qtz - po ± clct			
		BIOTITE HORNFELS ALTERATION										
		- Rock HAS BEEN DEFORMED AND HEALED										
		WITH QUARTZ.										
		- FRACTURES HEALED WITH clct ± talc ±										
		chl										
		50.00 TO 52.00 - DARK REDDISH BROWN - STRONG	2	50.00	52.00	- 15 VEINLETS	- 1.5 TO	65mm	- qtz - po - clct ± py			
		BIOTITE HORNFELS ALTERATION				± cpy ± mo						
		- BEDDING = 80° TO CORE										
		- FRACTURES HEALED BY clct ± qtz ± chl ± talc										
		52.00 TO 54.00 - MEDIUM TO DARK REDDISH	2	52.00	54.00	- 9 VEINLETS	- 1 TO 12mm	-	qtz - po ± clct			
		BROWN - STRONG BIOTITE HORNFELS				- 1 VEINLETS	- 2 TO 3mm		py - po - qtz			
		ALTERATION										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	52.00 TO 54.00 CON'T FRACTURES HEALED BY										
CONTINUED		clct ± qtz ± talc (tr)										
		@ 53.50 TO 54.00 GRADES INTO A										
		MEDIUM GRAINED SILICEOUS FELDSPATHIC										
		ARENITE - LIGHT GREY (UNALTERED)										
		- 15 TO 25% DSSM Po										
		- 1 VEINLET (qtz - clct)										
		54.00 TO 56.00 - LIGHT GREY TO DARK REDDISH	2	54.00	56.00	- 6 VEINLETS	1.5 TO	3.0 mm	- qtz - po ± py ± clct			
		BROWN - STRONG BIOTITE HORNFELS										
		ALTERATION										
		- @ 54.00 TO 54.31 - LIGHT GREY										
		FELDSPATHIC ARENITE										
		- 15 TO 25% DSSM PYRRHOTITE										
		- FRACTURING HEALED BY clct ± qtz ± talc (tr)										
		56.00 TO 58.00 - DARK REDDISH BROWN - STRONG	2	56.00	58.00	- 7 VEINLETS	1 TO 6	mm	- qtz - po - clct ± mo			
		BIOTITE HORNFELS ALTERATION				- MOST VEINLETS		HAVE	BLEACHED HALO'S			
		- FRACTURING HEALED BY clct ± qtz ± talc										
		- SOME FE STAIN ALONG FRACTURES										
		58.00 TO 60.00 - DARK REDDISH BROWN - STRONG	2	58.00	60.00	- 9 VEINLETS	- 1-4mm		- qtz - clct ± po ± py ± mo			
		BIOTITE HORNFELS ALTERATION				- NUMEROUS	SMALL	HAIRLINE	VEINLETS OF Py			
		- MINOR LIGHT GREY QUARTZ ARENITE										
		(UNALTERED) VERY FINE TO FINE GRAINED.										
		- UP TO 10 TO 25% DSSM PYRRHOTITE										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	58.00 TO 60.00 - CONT FRACTURING HEALED BY qtz ± clct ± talc (tr)	2									
CONTINUED												
		60.00 TO 62.00 MEDIUM REDDISH BROWN - MODERATE TO STRONG BIOTITE HORNFELS ALTERATION - FRACTURES HEALED BY clct ± qtz	2	60.00	62.00	- 12 VEINLETS - Some SMALL BLEACHED HALOS	- 1 TO 3.5mm	- qtz - po ± mo ± clct				
		62.00 TO 64.00 - DARK REDDISH BROWN - STRONG BIOTITE HORNFELS ALTERATION - BEDDING = 65 TO 70° TO CORE - FRACTURING HEALED BY qtz - clct ± talc	2	62.00	64.00	- 5 VEINLETS	- 2 TO 22mm	- qtz - po ± clct ± mo				
		64.00 TO 66.00 - MEDIUM REDDISH BROWN - MODERATE BIOTITE HORNFELS ALTERATION - MINOR LIGHT GREY (UNALTERED) QUARTZ RICH FELDSPATHIC ARENITE - VERY FINE TO FINE GRAINED - GRADED BEDDING - TOPS UP - BEDDING = 70° TO CORE - FRACTURES HEALED BY clct ± qtz	2	64.00	66.00	- 10 VEINLETS	1 TO 4mm	- qtz ± clct ± py ± po ± mo				
		66.00 TO 68.00 - MEDIUM REDDISH BROWN TO GREY - MODERATE BIOTITE HORNFELS ALTERATION - WHERE VERY FINE GRAINED - FELDSPARS	2	66.00	68.00	- 6 VEINLETS - ALSO 1 VEINLET OF Py - qtz	- 2 TO 32mm	- qtz - clct ± po ± mo				

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	66.00 TO 68.00 CON'T - SOFT AND YELLOWISH										
CONTINUED		- @ 67.64 TO 67.80 - ROCK IS DEFORMED -										
		HEALED BY QUARTZ - MINOR PYRRHOTITE										
		- BEDDING = 75 TO 80° TO CORE										
		- FRACTURES HEALED BY clct ± qtz										
		68.00 TO 70.00 LIGHT GREY TO DARK	2	68.00	70.00	- 7 VEINLETS - 1 TO 11mm - qtz - clct ± py ± po ± mo						
		REDDISH BROWN - MODERATE TO STRONG										
		BIOTITE HORNFELS ALTERATION										
		- 1 TO 2% DSSM PYRITE IN SECTIONS										
		- FRACTURING HEALED BY clct -										
		- SOME SLICKENSIDES -										
		70.00 TO 72.00 - SILICEOUS FELDSPATHIC	2	70.00	72.00	- 9 VEINLETS - 2 TO 5mm - qtz - po ± py						
		ARENITE										
		- MEDIUM TO DARK REDDISH BROWN -										
		MINOR LIGHT GREY - MODERATE										
		TO STRONG BIOTITE HORNFELS										
		ALTERATION										
		- TRACE TO 1% DSSM PYRRHOTITE										
		- 1 TO 2% DSSM PYRITE.										
		72.00 TO 74.00 MEDIUM REDDISH BROWN -	2	72.00	74.00	- 6 VEINLETS - 1 TO 3mm - qtz - po ± clct						
		MODERATE BIOTITE HORNFELS ALTERATION										
		- BEDDING = 75 TO 90° TO CORE										
		- SOFT SEDIMENT DEFORMATION										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	72.00 TO 74.00 CON'T - FRACTURES HEALED BY clct ± chl										
CONTINUED												
		74.00 TO 76.00 MEDIUM TO DARK REDDISH BROWN - STRONG BIOTITE HORNFELS ALTERATION	2	74.00	76.00	- 3 VEINLETS	- 2 TO 10mm	- qtz ± po ± py ± clct				
		- @ 74.00 TO 75.20 - CORE IS QUITE GROUND - POOR RECOVERY										
		- @ 75.20 TO 75.40 - MASSIVE clct										
		- @ 75.60 - SPHERICAL FEATURE - 35mm IN SIZE - POSSIBLY A PRIMARY SEDIMENTARY FEATURE, WHICH HAS BEEN SELECTIVELY ALTERED TO qtz-Po										
		- BEDDING = 80 TO 90° TO CORE										
		- FRACTURES HEALED BY clct ± chl										
		76.00 TO 78.00 - SLIGHTLY ARKOSIC?	2	76.00	78.00	- 1 VEINLET	- 2mm	- qtz - po - clct				
		- MEDIUM REDDISH BROWN - MODERATE BIOTITE HORNFELS ALTERATION										
		- LAMINATED - BEDDING = 85 TO 90° TO CORE										
		- FAULT AT 76.10										
		- 1 TO 2% DSSM PYRRHOTITE										
		- FRACTURING HEALED BY clct										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	78.00 TO 80.00 DARK REDDISH BROWN -	2	78.00	80.00	- 1 VEINLET	- 2mm - qtz					
CONTINUED		STRONG BIOTITE HORNFELS ALTERATION				- NUMEROUS	VEINLETS <1	TO 1mm -	py	± qtz		
		- BEDDING 85 TO 90° TO CORE										
		- 1 TO 5% DSSM PYRITE										
		- 1 TO 2% DSSM PYRRHOTITE										
		80.00 TO 82.00 MEDIUM TO DARK REDDISH	2	80.00	82.00	-4 VEINLETS -	1 TO 2.5mm	- qtz	- clct	± po		
		BROWN - STRONG BIOTITE HORNFELS										
		ALTERATION										
		- WITHIN THE COARSER GRAINED AREAS -										
		1% DSSM PYRRHOTITE										
		- BEDDING = 80 TO 90° TO CORE										
		- FRACTURES HEALED BY clct ± talc										
		82.00 TO 84.00 DARK REDDISH BROWN - STRONG	2	82.00	84.00	- 6 VEINLETS	- 1 TO 5mm	- qtz	- po	± clct	± py	
		BIOTITE HORNFELS ALTERATION										
		- @ 82.55 - FAULT										
		- BEDDING 80 TO 90° TO CORE										
		- FRACTURES HEALED BY clct - talc ± py										
		84.00 TO 86.00 DARK REDDISH BROWN -	2	84.00	86.00	- 10 VEINLETS -	1 - 4mm	- qtz	- po	± clct	± py	± mo
		STRONG BIOTITE HORNFELS ALTERATION						± talc				
		- BEDDING 80 TO 90° TO CORE										
		- FRACTURES HEALED BY clct - talc ± chl										
		± py										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	86.00 TO 88.00 DARK REDDISH BROWN -	2	86.00	88.00	- 13 VEINLETS		1-20mm	- qtz ±	Po ± py ± clct ± mo		
CONTINUED		STRONG BIOTITE HORNFELS ALTERATION										
		- BEDDING = 80 TO 90° TO CORE										
		- FRACTURES HEALED BY clct - talc ± py										
		88.00 TO 90.00 - MINOR QUARTZ ARENITE	2	88.00	90.00	- 11 VEINLETS -		1 TO 12mm	- qtz - po ± clct ± py ± cpy (tr)			
		- MEDIUM REDDISH BROWN - MODERATE				- 1 COMPOUND VEINLET -		190mm	- qtz - po - py - clct			
		BIOTITE HORNFELS ALTERATION										
		- BEDDING - 75° TO CORE										
		- FRACTURES HEALED BY clct ± talc ± chl										
		90.00 TO 92.00 - SILICEOUS - FELDSPATHIC	2	90.00	92.00	- 10 VEINLETS		- 1 TO 8mm	- qtz - po ± py ± clct			
		- LIGHT TO MEDIUM REDDISH BROWN										
		MODERATE BIOTITE HORNFELS ALTERATION										
		- MASSIVE										
		- BEDDING 85 TO 90° TO CORE										
		- FRACTURES HEALED BY clct ± talc ± chl										
		92.00 TO 94.00 - FELDSPATHIC TO	2	92.00	94.00	- 13 VEINLETS -		1 TO 12mm	- qtz - py ± po ± clct			
		ARKOSIC ? ARENITE							± cpy (tr)			
		- MEDIUM REDDISH BROWN - MODERATE										
		BIOTITE HORNFELS ALTERATION										
		- BEDDING = 80 TO 90° TO CORE										
		- @ 93.18 CONTACT WITH MINOR SILTSTONE										
		85° TO CORE										
		- FRACTURES HEALED BY talc ± clct ± chl ± py										

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	94.00 TO 96.00 - DARK REDDISH BROWN - STRONG BIOTITE HORNFELS ALTERATION - 1 TO 2% DSSM PYRRHOTITE - 1 TO 2% DSSM PYRITE - FRACTURES HEALED BY clct ± talc ± chl ± py	2	94.00	96.00	- 10 VEINLETS		- 1.5 TO 20mm		- qtz ± py ± po ± clct ± mo		
CONTINUED												
		96.00 TO 98.00 MEDIUM TO DARK REDDISH BROWN - STRONG BIOTITE HORNFELS ALTERATION - SILICEOUS - BEDDING = 80 TO 90° TO CORE - @ 97.98 - SPHERICAL LITHIC CLASTS 20mm IN SIZE - FRACTURES HEALED BY clct ± talc ± chl	2	96.00	98.00	- 8 VEINLETS - THE 34mm VEINLET IS		- 1 TO 34mm -		- qtz ± po ± clct COMPOUND.		
		98.00 TO 100.00 - FELDSPATHIC TO ARKOSIC? ARENITE - MEDIUM REDDISH BROWN - MODERATE BIOTITE HORNFELS ALTERATION - GOOD BEDDING 80° TO CORE - FRACTURES HEALED BY clct ± talc ± chl	2	98.00	100.00	- 9 VEINLETS		- 1 TO 3mm ± mo (tr)		- qtz ± py ± po ± clct		
		100.00 TO 102.00 ARKOSIC? TO FELDSPATHIC ARENITE	2	100.00	102.00	- 12 VEINLETS		- <1 TO 5mm		- qtz - po ± clct		

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From m	To m	Description	Interval	From m	To m						
28.00	108.52	100.00 TO 102.00 CON'T - MEDIUM REDDISH									
CONTINUED		BROWN - MODERATE BIOTITE HORNFELS									
		ALTERATION									
		- BEDDING = 80° TO CORE									
		- FRACTURES HEALED BY clct ± chl ± talc									
		102.00 TO 104.00 ARKOSIC? TO FELDSPATHIC	2	102.00	104.00	- 8 VEINLETS - 1 TO 2mm				qtz-po ± clct	
		ARENITE									
		- SILICEOUS									
		- DARK REDDISH BROWN - STRONG BIOTITE									
		HORNFELS ALTERATION									
		- BEDDING 85 TO 90° TO CORE									
		- FRACTURES HEALED BY clct ± chl ± py									
		± talc (tr)									
		104.00 TO 106.00 FELDSPATHIC TO ARKOSIC?	2	104.00	106.00	- 5 VEINLETS - <1 TO 3mm - qtz-po				±clct	
		ARENITE									
		- DARK REDDISH BROWN - STRONG									
		BIOTITE HORNFELS ALTERATION									
		- @ 105.15 - LARGE (APPROX 50mm)									
		SPHERICAL FEATURE CONTAINS 5 TO									
		10% DSSM. PYRITE, (AND SMALL									
		PYRITE VEINLETS) AND 20 TO 25%									
		DSSM PYRRHOTITE									
		- @ 105.80 TO 106.00 - SLIGHTLY GRAPHITIC									
		- FRACTURES HEALED BY clct - chl ± py ± talc (tr)									

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From m	To m	Description	Interval	From m	To m							
28.00	108.52	106.00 TO 108.00 - DARK BROWN - STRONG BIOTITE HORNFELS ALTERATION	2	106.00	108.00	- 6 VEINLETS - 1-2mm - qtz ± po						
CONTINUED		- HIGH AMOUNT OF GRAPHITIC MATERIAL										
		- FINER GRAINED TOWARDS 108.00 GRAPHITIC ARENITE										
		- @ 106.02 - FAULT CONTACT WITH GRAPHITIC ARENITE 45° TO CORE										
		- BEDDING = 80 TO 90° TO CORE										
		- 1 TO 2% DSSM PYRRHOTITE										
		- 1 TO 2% DSSM PYRITE - SPHERICAL - 1 TO 3mm IN SIZE										
		- @ 106.41 - A SPHERICAL FEATURE 100mm IN SIZE COMPOSED OF qtz - po(tr)										
		108.00 TO 108.52 - DARK BROWN	.52	108.00	108.52	- 1 VEINLET - 1.5mm - qtz						
		- HIGH AMOUNT OF GRAPHITIC MATERIAL										
		- BEDDING = 85 TO 90° TO CORE										
		- 1% DSSM PYRITE - SPHERICAL - 2 TO 3mm IN SIZE										
		- 1 TO 2% DSSM PYRRHOTITE										
108.52	111.00	108.52 TO 111.00 GRAPHITIC ARENITE - VERY FINE GRAINED - DARK BROWNISH BLACK - UNALTERED	1.48	108.52	110.00	- 2 VEINLETS 1 TO 2mm - qtz - po ± clct (tr)						
		- MINOR AMOUNT OF ADMIXED FELDSPATHIC ARENITE				- NUMEROUS <1mm Py VEINLETS COMMON						
		- TRACE TO 1% DSSM PYRRHOTITE										

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From m	To m	Description	Interval	From m	To m						
108.52	111.00	108.52 TO 110.00 - CON'T									
CONTINUED		- 1 TO 2% DSSM PYRITE - SPHERICAL -									
		1 TO 3mm in SIZE									
		- FRACTURES HEALED BY clct ± chl ± py									
		110.00 TO 111.00 - 1 TO 2% DSSM PYRITE	1	110.00	111.00	2/mm Py VEINLETS Common					
		- TRACE DSSM PYRRHOTITE									
111.00	114.18	FELDSPATHIC TO ARKOSIC? ARENITE - VERY									
		FINE TO FINE GRAINED									
		- DARK REDDISH BROWN - STRONG BIOTITE									
		HORNFELS ALTERATION									
		111.00 TO 112.00 - 20 TO 25% FELDSPAR	1	111.00	112.00	- 5 VEINLETS - 1 TO 2mm - qtz ± clct ± po					
		- TRACE TO 1% DSSM PYRRHOTITE									
		- 1% DSSM PYRITE									
		- BEDDING = 80 TO 90° TO CORE									
		- FRACTURES HEALED BY clct-chl									
		112.00 TO 114.00 ARKOSIC? ARENITE	2	112.00	114.00	- 3 VEINLETS - 1-3mm - qtz-po ± clct					
		MEDIUM REDDISH BROWN - MODERATE									
		BIOTITE HORNFELS ALTERATION									
		- FRACTURES HEALED BY clct-chl									
		114.00 TO 114.18 ARKOSIC? ARENITE - MEDIUM	.18	114.00	114.18	- 1 VEINLET - 1mm - qtz-po-clct					
		REDDISH BROWN - MODERATE BIOTITE									

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From m	To m	Description	Interval	From m	To m							
111.00	114.18	114.00 TO 114.18 - CON'T - HORNFELS ALTERATION										
CONTINUED												
114.18	147.70	- FELDSPATHIC TO ARKOSIC? ARENITES -										
		- VERY FINE GRAINED										
		- MOTTLED APPEARANCE WITH BLOTCHY REMNANCE OF STRONG BIOTITE HORNFELS ALTERATION										
		- SOME CREAM COLOURED ALTERATION (BLEACHING) - SIMILAR TO HOLE 81-2 APPROX 150m ±										
		- HEAVY FRACTURING - HEALED BY clct ± chl ± py ± talc (tr)										
		114.18 TO 116.00 - GOUGE AT 114.18	1.82	114.18	116.00	- 2 VEINLETS - 2 TO 3mm - qtz - po - py ± clct						
		- FAULT AT 114.28				- NUMEROUS HAIRLINE VEINLETS OF PY						
		- 1 TO 2% DSSM PYRITE				- NUMEROUS HAIRLINE VEINLETS OF qtz - clct WITH BLEACHED HALO'S						
		- TRACE TO 1% DSSM PYRRHOTITE				- 1 COMPOUND VEINLET 45 TO 50mm - qtz - py - clct - po						
		116.00 TO 118.00 - BEDDING = 70° TO 80° TO CORE	2	116.00	118.00	- 5 VEINLETS 2 TO 5mm - qtz - po - py - mo						
						- NUMEROUS HAIRLINE VEINLETS OF Py						
		118.00 TO 120.00 20 TO 25% FELDSPARS - SOFT AND YELLOWISH	2	118.00	120.00	- 10 VEINLETS - 2 TO 4mm - qtz ± po ± py ± clct ± mo ± cpy						

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From m	To m	Description	Interval	From m	To m							
114.18	147.70	118.00 TO 120.00 CON'T - HEAVY FRACTURING										
CONTINUED		HEALED BY clct-chl-py-mo (tr?)										
		120.00 TO 122.00 @ 120.40 TO 120.70 -	2	120.00	122.00	-12 VEINLETS -	1 TO 7mm -	qtz-py ± po ± clct				
		40 TO 50% DSSM PYRITE				- NUMEROUS	Py VEINLETS	1/4 mm in SIZE				
		- BEDDING = 80° TO 90° TO CORE										
		122.00 TO 124.00 @ 122.61 TO 122.76 AND	2	122.00	124.00	- 10 VEINLETS	- 1 TO 3mm -	qtz ± Py ± clct				
		@ 123.15 TO 123.30 - 5 TO 10% DSSM				- NUMEROUS	Py VEINLETS	1/4 TO 4mm				
		PYRITE AND TRACE TO 1% DSSM PYRRHOTITE										
		- GRAIN SIZES VERY SMALL										
		- BEDDING 40 TO 50° TO CORE										
		124.00 TO 126.00	2	124.00	126.00	-2 VEINLETS -	3 TO 5mm -	Py - qtz - clct ± mo				
						-10 VEINLETS -	1 TO 3mm -	qtz - py ± po ± clct ± mo				
		126.00 TO 128.00		126.00	128.00	- 15 VEINLETS -	1 TO 8mm -	qtz - mo - po : clct				
						· NUMEROUS	Py VEINLETS	1/4 TO 1mm				
		128.00 TO 130.00 @ 128.74 - AN ELLIPTICAL		128.00	130.00	- 18 VEINLETS -	1 TO 12mm -	qtz - po ± clct ± mo ±				
		FEATURE - 30mm BY 45mm - COMPOSED OF						cpy (tr)				
		qtz-po-cpy (tr) - POSSIBLY AN ORIGINAL										
		SEDIMENTARY FEATURE WHICH HAS BEEN										
		SELECTIVELY ALTERED										
		- BEDDING 75° TO 80° TO CORE										

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From m	To m	Description	Interval	From m	To m							
114.18	147.70	130.00 TO 132.00 - VERY FINE GRAINED	2	130.00	132.00	-18 VEINLETS -	<1 TO 13mm -	qtz -	po -	py -	clct	
CONTINUED		IN PARTS -										
		- REMANANT BIOTITE HORNFELS ALTERATION - VERY STRONG										
		- CREAMY ALTERATION IS WEAK										
		- BEDDING = 80° TO 90° TO CORE										
		132.00 TO 134.00 - CREAMY ALTERATION WEAK	2	132.00	134.00	- 17 VEINLETS	<1 TO 4mm -	qtz -	po ±	clct	± mo	
		- BIOTITE HORNFELS ALTERATION VERY STRONG				- MINOR Py	VEINLETS <1 TO 2mm in	SIZE				
		- CONTACT @ 132.92 IS 80° TO CORE										
		- ARKOSIC? ARENITE - VERY FINE TO FINE GRAINED										
		- BEDDING 80° TO 90° TO CORE										
		134.00 TO 136.00 ARKOSE? VERY STRONG	2	134.00	136.00	- 13 VEINLETS	- 2 TO 6mm -	qtz -	po -	py ±	clct	
		BIOTITE HORNFELS										
		- VERY WEAK CREAMY ALTERATION										
		- @ 134.47 - SMALL LENS - 50mm OF DSSM PYRITE AND PYRRHOTITE										
		(Py > 80%, Po > 50% - GRAIN SIZES ARE VERY SMALL).										
		136.00 TO 138.00 FELDSPATHIC TO ARKOSIC?	2	136.00	138.00	- 20 VEINLETS -	1 TO 15mm -	qtz -	py ±	po ±	clct	
		ARENITE - VERY FINE TO FINE GRAINED					± chlorITIZED	SERICITE				
		- VERY STRONG BIOTITE HORNFELS ALTERATION										

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From m	To m	Description	Interval	From m	To m							
114.18	147.70	136.00 TO 138.00 -CONT- BEDDING = 65 TO 70° TO CORE										
CONTINUED		- @ 137.07 - SMALL FEATURE - 55mm BY 22mm COMPOSED OF qtz - po - cpy (tr)										
		- POSSIBLY A PRIMARY SEDIMENTARY FEATURE WHICH HAS BEEN SELECTIVELY ALTERED										
		- @ 137.24 TO 137.40 - 10 TO 15% DSSM PYRITE - 2 TO 5% DSSM PYRRHOTITE - GRAIN SIZES ARE VERY VERY SMALL.										
		138.00 TO 140.00 ARKOSIC? ARENITE - CREAMY ALTERATION STRONG	2	138.00	140.00	- 14 VEINLETS 1 TO 4mm - qtz - po ± py ± mo ± clct						
		- GOUGE @ 139.47, 139.59 AND 139.76 TO 139.86.										
		140.00 TO 142.00 ARKOSIC ? ARENITE - FINE GRAINED - VERY STRONG BIOTITE HORNFELS ALTERATION	2	140.00	142.00	- 18 VEINLETS - 1 TO 8mm - qtz ± py ± po ± clct ± mo						
		- VERY STRONG CREAMY ALTERATION				- 1 COMPOUND VEINLET - 42mm in SIZE - qtz - py ± clct (tr)						
		- @ 141.80 TO 142.00 - 2% DSSM PYRITE										
		142.00 TO 144.00 ARKOSIC ? FINE TO MEDIUM GRAINED		142.00	144.00	- 14 VEINLETS - 1 TO 12mm qtz ± po ± py ± mo ± clct						
		- VERY STRONG BIOTITE HORNFELS ALTERATION				- SOME SLICHENSIDES						
		- VERY STRONG CREAMY ALTERATION										

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From m	To m	Description	Interval	From m	To m							
114.18	147.70	144.00 TO 146.00 ARCHOSIC? ARKNITE - FINE		144.00	146.00	- 10 VEINLETS - 1 TO 4mm - qtz ± py ± po ± mo ± clct						
CONTINUED		GRAINED				- SMALL HAIRLINE Py VEINLETS common						
		- VERY STRONG BIOTITE HORNFELS										
		ALTERATION										
		- GOUGE AT 145.44 AND 145.60										
		146.00 TO 147.70 FELDSPATHIC TO ARCHOSIC?	1.70	146.00	147.70	- 16 VEINLETS 1 TO 7mm - qtz ± po ± py ± clct						
		ARENITE										
		- VERY FINE TO FINE GRAINED										
		- VERY STRONG BIOTITE HORN FELS										
		ALTERATION										
		- VERY STRONG CREAMY ALTERATION										
		- GOUGE @ 147.10 AND 147.20										
		- @ 146.75 TO 147.35 - SMALL (40mm)										
		CONGLOMERATIC UNITS OCCUR (4 OR 5) -										
		- LITHIC CLASTS ROUNDED TO ANGULAR -										
		PYRITE IS COMMON IN THE MATRIX										
		- BEDDING = 75° TO CORE										
		- LOWER CONTACT IS A FAULT - 25° TO										
		30° TO CORE										
147.70	148.88	147.70 TO 148.88 BLACK GRAPHITIC SILTSTONE	.30	147.70	148.00	- 1 VEINLET - <1mm - qtz - po						
		- MASSIVE				- NUMEROUS HAIRLINE VEINLETS OF Py						
		- VERY MINOR FELDSPATHIC ARENITE										
		COMPONENT										
		- BEDDING = 80° TO 90° TO CORE										

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From m	To m	Description	Interval	From m	To m							
147.70	148.88	147.70 TO 148.88 CONT TRACE TO 1% DSSM PYRITE										
		148.00 TO 148.88 - BLACK GRAPHITIC SILTSTONE	.88	148.00	148.88	- 5 VEINLETS -		<1 TO 1mm - qtz-py ± clct				
		- MASSIVE				- NUMEROUS		HAIRLINE Py VEINLETS				
		- BEDDING = 75° TO 85° TO CORE										
		- LOWER CONTACT IS A FAULT - 50° TO 55°										
		TO CORE										
148.88	204.00	FELDSPATHIC TO ARKOSIC? ARGILLITE										
		- SILICEOUS										
		- VERY FINE TO FINE GRAINED										
		- MEDIUM TO DARK REDDISH BROWN										
		- MODERATE TO VERY STRONG BIOTITE										
		HORNFELS ALTERATION										
		148.88 TO 150.00 DARK REDDISH BROWN -	1.12	148.88	150.00	- 12 VEINLETS		- 1 TO 5mm - qtz ± py ± po ± clct				
		STRONG TO VERY STRONG BIOTITE HORNFELS										
		ALTERATION										
		- BEDDING = 80° TO 90° TO CORE										
		- 1 TO 2% DSSM PYRITE										
		- TRACE TO 1% DSSM PYRRHOTITE										
		- FRACTURES HEALED BY clct ± qtz										
		150.00 TO 152.00 - INTERBEDDED FELDSPATHIC	2	150.00	152.00	- 11 VEINLETS		- 2 TO 16mm - qtz ± clct ± po ± mo				
		TO ARKOSIC? ARGILLITES WITH GRAPHITIC										
		SILTSTONE										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	150.00 TO 152.00 CON'T - MODERATE TO										
CONTINUED		STRONG BIOTITE HORNFELS ALTERATION										
		- GOUGE @ APPROX. 151.60										
		- 1 TO 2% DSSM PYRITE										
		- TRACE DSSM PYRRHOTITE										
		- FRACTURES HEALED BY clct ± qtz										
		152.00 TO 154.00 FELDSPATHIC TO ARKOSIC?	2	152.00	154.00	- 9 VEINLETS - 1 TO 15mm - qtz ± py ± clct						
		ARENITE - FINE GRAINED										
		- MEDIUM TO DARK REDDISH BROWN										
		- VERY STRONG BIOTITE HORNFELS										
		ALTERATION										
		- UP TO 10% TO 15% DSSM PYRITE										
		- MODERATE FRACTURING HEALED BY clct.										
		chl ± talc ± CHLORITIZED SERICITE										
		154.00 TO 156.00 - FELDSPATHIC TO ARKOSIC?	2	154.00	156.00	- 17 VEINLETS - 1 TO 18mm - qtz - po - clct ± mo						
		ARENITE - DARK BROWN TO REDDISH										
		BROWN -										
		- MODERATE TO STRONG BIOTITE										
		HORNFELS ALTERATION										
		- MINOR GRAPHITIC SILTSTONE										
		- BEDDING = 80° TO 90° TO CORE										
		- GOUGE AT 154.20 M.										
		156.00 TO 158.00 - FELDSPATHIC ARENITE	2	156.00	158.00	- 12 VEINLETS - 2 TO 13mm - qtz - po ± mo ± clct						

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	156.00 TO 158.00 CON'T - VERY FINE TO										
CONTINUED		FINE GRAINED -										
		- MEDIUM REDDISH BROWN - MODERATE										
		BIOTITE HORNFELS ALTERATION										
		- @ 156.38 TO 156.72 - BLACK GRAPHITIC										
		SILTSTONE										
		- UPPER CONTACT IS A FAULT 55° TO 60°										
		TO CORE										
		158.00 TO 160.00 FELDSPATHIC ARENITE -	2	158.00	160.00	- 36 VEINLETS - 1 TO 3mm - qtz - po ± clct ± mo ± cpy (tr)						
		VERY FINE TO FINE GRAINED										
		- DARK REDDISH BROWN - VERY STRONG										
		BIOTITE HORNFELS ALTERATION										
		- py - clct ALONG FRACTURES										
		160.00 TO 162.00 FELDSPATHIC ARENITE -	2	160.00	162.00	- 10 VEINLETS - 1 TO 4mm - qtz ± mo ± po ± clct						
		- VERY FINE TO FINE GRAINED -										
		- MEDIUM REDDISH BROWN - MODERATE										
		BIOTITE HORNFELS ALTERATION										
		- @ 161.00 TO 161.85 - BLACK GRAPHITIC										
		SILTSTONE WITH MINOR FELDSPATHIC										
		ARENITE										
		- UPPER CONTACT 85° TO 90° TO CORE										
		- BEDDING = 85° TO 90° TO CORE										
		- FRACTURES HEALED BY clct - chl										
		± py										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	162.00 To 164.00 - FELDSPATHIC ARENITE - VERY	2	162.00	164.00	- 12 VEINLETS - 1 TO 4mm - qtz - po ± clct ± cpy (tr)						
CONTINUED		FINE TO FINE GRAINED				- 1 COMPOUND VEINLET - 8mm - qtz - py - clct - po						
		- MEDIUM REDDISH BROWN - MODERATE										
		BIOTITE HORNFELS ALTERATION										
		- BEDDING = 80° TO 90° TO CORE										
		- FRACTURES HEALED BY clct ± chl										
		164.00 TO 166.00 - FELDSPATHIC ARENITE - VERY	2	164.00	166.00	- 17 VEINLETS - 1 TO 3mm - qtz ± po ± clct						
		FINE TO FINE GRAINED - MEDIUM REDDISH										
		BROWN - MODERATE BIOTITE HORNFELS										
		ALTERATION										
		- @ 165.72 TO 165.90 - 10 TO 15% DSSM										
		PYRRHOTITE.										
		- @ 165.50 - TWO SMALL ELLIPTICAL										
		FEATURES (8mm BY 45mm) - qtz - po - cpy (tr)										
		- POSSIBLY A PRIMARY SEDIMENTARY										
		FEATURE WHICH HAS BEEN SELECTIVELY										
		ALTERED.										
		- BEDDING = 80° TO 90° TO CORE										
		166.00 TO 168.00 - FELDSPATHIC ARENITE -	2	166.00	168.00	- 9 VEINLETS - 1 TO 8mm - qtz - po ± clct ± mo (tr)						
		VERY FINE TO FINE GRAINED - DARK				± cpy (tr)						
		— REDDISH BROWN - STRONG BIOTITE										
		HORNFELS ALTERATION										
		- BEDDING = 80° TO 90° TO CORE										
		- FRACTURES HEALED BY clct - chl										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	166.00 TO 168.00 CON'T										
CONTINUED		- @ 167.55 - APPROX. 5 TO 10% DSSM PYRITE										
		- TRACE TO 1% DSSM PYRRHOTITE										
		168.00 TO 170.00 - FELDSPATHIC ARENITE - VERY FINE TO FINE GRAINED - DARK REDDISH BROWN - STRONG TO VERY STRONG BIOTITE HORNFELS ALTERATION	2	168.00	170.00	- 14 VEINLETS - 1 TO 12mm - qtz - po ± mo ± clct						
		- BEDDING = 80° TO 90° TO CORE										
		- FRACTURES HEALED BY clct ± chl										
		170.00 TO 172.00 - FELDSPATHIC ARENITE - - VERY FINE TO FINE GRAINED - DARK REDDISH BROWN - STRONG TO VERY STRONG BIOTITE HORNFELS ALTERATION	2	170.00	172.00	- 25 VEINLETS - 1 TO 15mm - qtz - po ± mo ± clct ± (fl) ?						
		- BEDDING = 70° TO 90° TO CORE										
		- FRACTURES HEALED BY clct - chl										
		172.00 TO 174.00 FELDSPATHIC ARENITE - · VERY FINE TO FINE GRAINED - MEDIUM TO DARK REDDISH BROWN - STRONG BIOTITE HORNFELS ALTERATION	2	172.00	174.00	- 18 VEINLETS - 1 TO 12mm - qtz - po - clct ± py - 1 COMPOUND VEINLET 132mm IN SIZE - qtz - po - py						
		- FRACTURES HEALED BY clct ± chl ± talc (tr)										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	174.00 TO 176.00 - FELDSPATHIC ARENITE	2	174.00	176.00	- 9 VEINLETS - 1 TO 3mm - qtz. po ± clct ± mo(tr)						
CONTINUED		- VERY FINE TO FINE GRAINED - MEDIUM				- SOME SLICKENSIDES						
		TO DARK REDDISH BROWN - STRONG										
		BIOTITE HORNFELS ALTERATION										
		- FRACTURES HEALED BY clct-chl ± py										
		± talc (tr)										
		176.00 TO 178.00 - FELDSPATHIC ARENITE -	2	176.00	178.00	- 12 VEINLETS - 1 TO 2.5mm - qtz - po ± clct ± py						
		VERY FINE TO FINE GRAINED -				± mo(tr)						
		- MEDIUM TO DARK REDDISH BROWN -										
		STRONG BIOTITE HORNFELS ALTERATION										
		- @ 176.50 TO 177.00 - QUARTZ RICH										
		— ARENITE										
		- 10 TO 15% DSSM SULPHIDE (GRAINS										
		VERY-VERY SMALL - AT LEAST 2% DSSM										
		PYRRHOTITE										
		- BEDDING = 80 TO 90° TO CORE										
		178.00 TO 180.00 FELDSPATHIC ARENITE -	2	178.00	180.00	- 18 VEINLETS - 1 TO 6mm IN						
		VERY FINE TO FINE GRAINED -				SIZE - qtz - po ± clct						
		- MEDIUM REDDISH BROWN - MODERATE				± cpy (tr)						
		TO STRONG BIOTITE HORNFELS ALTERATION										
		- MINOR BLACKISH GREY SILTSTONE										
		- BEDDING = 80° TO 90° TO CORE										
		- FRACTURES HEALED BY clct-chl										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	180.00 TO 182.00 FELDSPATHIC ARENITE -	2	180.00	182.00	- 16 VEINLETS	- 1 TO 3mm	- qtz - po - clct ± mo				
CONTINUED		VERY FINE TO FINE GRAINED - MEDIUM										
		REDDISH BROWN - MODERATE TO STRONG										
		BIOTITE HORNFELS ALTERATION.										
		- MINOR BLACKISH GREY GRAPHITIC SILTSTONE 180.80 - 181.50										
		- @ 180.80 THE SILTSTONE IS IN FAULT										
		CONTACT 25° TO 30° TO CORE										
		- @ 181.50 FAULT CONTACT IS 20° TO 25°										
		TO CORE										
		- FRACTURES HEALED BY clct ± chl										
		182.00 TO 184.00 - FELDSPATHIC ARENITE	2	182.00	184.00	- 17 VEINLETS	- 1 TO 8mm	- qtz - po . clct ± mo				
		- VERY FINE TO FINE GRAINED - DARK										
		REDDISH BROWN - STRONG BIOTITE										
		HORNFELS ALTERATION										
		- BEDDING = 75° TO 90° TO CORE										
		- VERY MINOR GRAPHITIC ARENITE -										
		- FAULT CONTACT - 20° TO CORE										
		- 5% DISM PYRITE										
		- 1 TO 2% DSSM PYRRHOTITE										
		184.00 TO 186.00 - FELDSPATHIC ARENITE -	2	184.00	186.00	- 21 VEINLETS	- 1/mm TO 11.5	mm - qtz - po - clct ± mo				
		- VERY FINE TO MEDIUM GRAINED -										
		- MEDIUM REDDISH BROWN - MODERATE										
		BIOTITE HORNFELS ALTERATION										
		- BEDDING = 45° TO 85° TO CORE										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	184.00 TO 186.00 CON'T										
CONTINUED		- FRACTURES HEALED BY clct ± chl										
		—										
		186.00 TO 188.00 FELDSPATHIC TO ARKOSIC?	2	186.00	188.00	- 22 VEINLETS - <1 TO 1mm - qtz - po ± clct ± mo						
		ARENITE - FINE TO MEDIUM GRAINED -				- 1 COMPOUND VEINLET - 35 TO 100mm - qtz - po - py						
		MEDIUM REDDISH BROWN - MODERATE				- clct						
		BIOTITE HORNFELS ALTERATION										
		- @ 186.81 - VERY FINE GRAINED ARKOSIC										
		RIP UP CLASTS										
		- BEDDING = 65° TO 70° TO CORE										
		- FRACTURES HEALED BY clct - chl										
		188.00 TO 190.00 - ARKOSIC ARENITE? VERY	2	188.00	190.00	- 13 VEINLETS - 1 TO 3mm - qtz - clct - po ± py ± mo						
		FINE TO MEDIUM GRAINED										
		- MEDIUM REDDISH BROWN - MODERATE										
		BIOTITE HORNFELS ALTERATION										
		- BEDDING = 80° TO 90° TO CORE -										
		- @ 188.10 TO 188.25 - QUARTZ RICH										
		ARENITE										
		- 2% DSSM PYRITE										
		- TRACE TO 1% DSSM PYRRHOTITE								-		
		- PYRITE AND BIOTITE ABUNDANT										
		ADJACENT TO VEINLETS AT 188.25										
		- FRACTURES HEALED BY clct - chl										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	190.00 TO 192.00 - FELDSPATHIC ARENITE -	2	190.00	192.00	- 28 VEINLETS	- 4)	TO 3mm	- qtz - po ± clct			
CONTINUED		- VERY FINE TO FINE GRAINED - DARK										
		REDDISH BROWN - STRONG BIOTITE										
		HORNFELS ALTERATION										
		- 1 TO 3% DSSM PYRRHOTITE										
		- 5% DSSM PYRITE										
		- ALSO A SMALL CONGLOMERATIC UNIT										
		25mm THICK - 50% ROUNDED										
		SILICEOUS CLASTS - 2 TO 10mm in SIZE										
		- DSSM PYRRHOTITE IS IN THE MATRIX										
		192.00 TO 194.00 - FELDSPATHIC ARENITE -	2	192.00	194.00	- 20 VEINLETS	- 1 TO 12mm	-	qtz - po - clct ± mo (tr)			
		VERY FINE TO FINE GRAINED - MEDIUM										
		REDDISH BROWN - MODERATE BIOTITE										
		HORNFELS ALTERATION										
		- 1% RANDOM SILICEOUS CLASTS (2 TO										
		10mm IN SIZE) - ROUNDED										
		- @ 193.50 TO 194.00 - BLACK GRAPHITIC										
		SILTSTONE										
		194.00 TO 196.00 - INTERBEDDED BLACKISH	2	194.00	196.00	- 14 VEINLETS	- 1 TO 9mm	-	qtz - po ± clct ± cpy (tr)			
		GREY GRAPHITIC ARENITE AND										
		FELDSPATHIC ARENITE.										
		FELDSPATHIC ARENITE IS MEDIUM										
		REDDISH BROWN - MODERATE BIOTITE										
		HORNFELS ALTERATION										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	194.00 TO 196.00 CON'T										
CONTINUED		- BEDDING = 80° TO 90° TO CORE										
		- 1 TO 2% DSSM PYRITE										
		196.00 TO 198.00 - FELDSPATHIC ARENITE -	2	196.00	198.00	- 14 VEINLETS -			1 TO 3mm - qtz - po ± clct			
		FINE GRAINED - DARK REDDISH										
		BROWN - STRONG BIOTITE										
		HORNFELS ALTERATION										
		- @ 196.45 TO 196.60 - MINOR GRAPHITIC										
		ARENITE										
		- FRACTURES HEALED BY clct-chl										
		198.00 TO 200.00 FELDSPATHIC ARENITE -	2	198.00	200.00	- 12 VEINLETS -			1 TO 6mm - qtz - po ± clct ± mo			
		FINE GRAINED - DARK REDDISH BROWN -							± cpy (tr)			
		STRONG BIOTITE HORNFELS ALTERATION										
		- FRACTURES HEALED BY clct-chl										
		200.00 TO 204.00 FELDSPATHIC TO ARKOSIC?	2	200.00	202.00	- 14 VEINLETS			~1 TO 9mm - qtz - po ± clct ± mo			
		ARENITE - VERY FINE TO FINE							± cpy (tr)			
		GRAINED - MEDIUM REDDISH BROWN -										
		MODERATE TO STRONG BIOTITE HORNFELS										
		ALTERATION										
		- BEDDING = 80° TO 90° TO CORE										
		- FRACTURES HEALED BY clct ± chl										

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From m	To m	Description	Interval	From m	To m							
148.88	204.00	202.00 TO 204.00 FELDSPATHIC TO ARKOSIC	2	202.00	204.00	-13 VEINLETS -		1 TO 15mm - qtz - po. clct ± mo				(tr)
CONTINUED		ARENITE - VERY FINE TO FINE GRAINED										
		- MEDIUM REDDISH BROWN - MODERATE										
		TO STRONG BIOTITE HORNFELS										
		ALTERATION										
		- @ 203.58 TO 203.64 - LIGHT GREENISH										
		GREY ARENITE - BRECCIATED - HEALED										
		BY qtz - clct										
204.00	206.45	- BLACH TO BLACHISH GREY GRAPHITIC	2	204.00	206.00	- 11 VEINLETS -		< 1 TO 7mm - qtz - clct ± po ± mo				
		ARENITE - VERY FINE GRAINED										
		- 1 TO 2% DSSM PYRITE	.45	206.00	206.45	- 4 VEINLETS		- qtz - po - clct				
		- TRACE DSSM PYRRHOTITE										
		- GRADES INTO A FELDSPATHIC ARENITE										
		IN A FEW SPOTS										
		- FRACTURES HEALED BY clct										
206.45	206.92	206.45 TO 206.92 - FELDSPATHIC TO ARKOSIC?	.47	206.45	206.92	3 VEINLETS - 1 -		18mm - qtz - po - clct - mo				
		ARENITE - FINE GRAINED - DARK REDDISH										
		BROWN - STRONG BIOTITE HORNFELS										
		ALTERATION										
		- 1 TO 2% DSSM PYRITE										
		- FRACTURES HEALED BY clct - chl										
206.92	207.83	- 206.92 TO 207.83 - BLACH GRAPHITIC	.91	206.92	207.83	- 10 VEINLETS 1 -		3mm - qtz - po - clct				
		ARENITE										

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From m	To m	Description	Interval	From m	To m						
206.92	207.83	206.92 TO 207.83 - 1 TO 2% DSSM PYRITE									
CONTINUED		- TR TO 1% DSSM PYRRHOTITE									
		- FRACTURES HEALED BY clct-chl									
207.83	283.38	- FELDSPATHIC TO ARKOSIC? ARENITE	.17	207.83	208.00	-1 VEINLETS			- 1.5 mm	in Size	
		- VERY FINE TO MEDIUM GRAINED				- qtz - mo - Po					
		- CONTAINS 5% SILICEOUS CLASTS									
		- 2 TO 6mm in Size									
		- DARK REDDISH BROWN									
		- STRONG BIOTITE HORNFELS ALTERATION									
		- FRACTURES HEALED BY clct - chl,									
		- 1.2% DSSM Pyrite - - 1% DSSM Po									
		208.00 - 210.00 - FELDSPATHIC ARENITE	2	208.00	210.00	-16 VEINLETS			- 1 - 6mm	in SIZE	
		- FINE GRAINED				- qtz - Po - clct ± mo					
		- MED. REDDISH BROWN							—		
		- MOD - STRONG BIOTITE HORNFELS ALTERATION									
		- 5% SILICIOUS CLASTS - CONTINUE TILL									
		208.52									
		- BEDDING = 40 - 45° TO CORE									
		- FRACTURES HEALED BY clct - chl ±									
		talc (tr)									
		210.00 - 212.00 - INTERBEDDED QUARTZ AND	2	210.00	212.00	-19 VEINLETS			- 1 - 10 mm	IN SIZE	
		- FELDSPATHIC ARENITES				- qtz ± po	± clct	± mo	± cpy	(tr)	
		- FINE TO MEDIUM GRAIN									

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From m	To m	Description	Interval	From m	To m							
207.83	283.38	218.00 - 220.00 - ARKOSIC ARKNITE -	2	218.00	220.00	- 14 VEINLETS 1-38 mm in SIZE						
CONTINUED		- VERY FINE TO FINE GRAINED				- qtz - clt - ro - ± py ± mo ± fl, (tr.)						
		- DARK REDDISH BROWN										
		- VERY STRONG BIOTITE HORNFELS ALTERATION										
		- BEDDING - 65-70° TO CORE										
		@ 218.70 - 218.80 MASSIVE TO DSSM Po (20-90%)										
		220.00 - 222.00 - ARKOSIC ARENITE	2	220.00	222.00	- 23 VEINLETS 1-22mm in SIZE						
		- VERY FINE TO MED. GRAINED				- qtz - clt - po ± py ± mo ± SERICITE (TR.)						
		- MED - DARK REDDISH BROWN - MINOR LIGHT GREY										
		- STRONG - VERY STRONG BIOTITE HORNFELS ALTERATION										
		- BEDDING 75° TO CORE - GOUGE AT 221.35 ?										
		- @ 220.30 - 220.35 - SMALL CONGLOMERATE UNIT - 20% SILIGIEOUS CLASTS - 2-4mm - IN SIZE										
		- DSSM Po - Tr cPy IN THE MATRIX										
		222.00 - 224.00 ARKOSIC ARENITE	2	222.00	224.00	- 9 VEINLETS - 2-70mm in size						
		- MODELLED, CREAMY ALTERATION BLOTCHY IN APPEARANCE				- qtz - py - clt - po ± mo						
		- LIGH GREENISH GREY WITH REMANANT BIOTITE HORNFELS ALTERATION (V. STRONG)										
		- NUMEROUS SMALL HAIRLINE VEINLETS OF qtz ± clt										
		- GOUGE AT 222.50										
		- FRACTURES HEALED BY CLT - chl ± py ± talc										

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From m	To m	Description	Interval	From m	To m							
207.83	283.38	210.00 - 212.00 - LIGHT GREY - MEDIUM REDDISH										
Continued		BROWN										
		- MODERATE BIOTITE - STRONG BIOTITE										
		HORNFELS ALTERATION										
		- 1-80% DSSM PYRRHOTITE - SOME QUITE										
		MASSIVE - (tr. CPY)										
		- BEDDING = 40° TO CORE										
		212.00 - 214.00 - FELDSPATHIC ARENITE -	2	212.00	214.00	- 14 VEINLETS 2-11 mm in size						
		- VERY FINE TO MED. GRAINED				- qtz - po - clct ± mo ± cpy (tr)						
		- MED.- DARK REDDISH BROWN										
		- SOME LIGHT GREENISH GREY										
		- STRONG BIOTITE HORNFELS ALTERATION										
		214.00 - 216.00 - FELDSPATHIC ARENITE	2	214.00	216.00	- 17 VEINLETS - 1-8 mm in SIZE						
		- VERY FINE TO FINE GRAINED				- qtz. - po - clct ± mot cpy (tr)						
		- MED.- DARK REDDISH BROWN - SOME LIGHT										
		GREENISH GREY										
		- STRONG BIOTITE HORNFELS ALTERATION										
		- FRACTURES HEALED BY CLCT ± Chl										
		216.00 - 218.00 ARKOSIC ARENITE :	2	216.00	218.00	- 20 VEINLETS - 1-5 mm in SIZE						
		- VERY FINE TO MED. GRAINED				- qtz - clct ± po ± mo						
		- DARK REDDISH BROWN										
		- VERY STRONG BIOTITE HORNFELS ALTERATION										
		- BEDDING = 65-70° TO CORE										
		@ 216.00 - 216.16 - 10-15% DISSM PY - TR -										
		1% DSSM po (some SLICKENSIDES)										
		- FRACTURES HEALED BY clct, ± talc										

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207.83 CONTINUED	283.83	224.00 - 226.00m - ARKOSIC ARENITE - MOTTLED	2	224.00	226.00	- 12 VEINLETS 1-2 mm in SIZE
		- MOTTLED CREAMY ALTERATION - BLOTCHY IN				- qtz - py ± po ± clct, ± talc
		- APPEARANCE, FINE to VERY FINE GRAINED				- NUMEROUS HAIRLINE PY VEINLETS
		- WITH REMANANT BIOTITE HORNFELS ALTERATION				
		(VERY STRONG)				
		- FRACTURES HEALED BY clct, - chl, ± py ± talc				
		226.00 - 228.00m ARKOSIC ARENITE - FINE TO	2	226.00	228.00	- 13 veinlets 1-3 mm in size
		VERY FINE GRAINED - MOTTLED CREAMY ALTERATION				- qtz - py - po - clct ± mo
		BLOTCHY IN APPEARANCE WITH REMANANT				- NUMEROUS PY HAIRLINE VEINLETS
		BIOTITE HORNFELS ALTERATION				
		@ 227.60 - 227.90m 10 - 15% DSSM PYRITE				
		FRACTURES HEALED BY clct ± qtz ± py ± chl				
		228.00 - 230.00m - ARKOSIC ARENITE - FINE	2	228.00	230.00	- 10 VEINLETS 1-16 mm IN SIZE
		- VERY FINE GRAINED - MOTTLED CREAMY				- qtz ± po ± py ± clct ± mo (TR)
		ALTERATION - BLOTCHY IN APPEARANCE				
		- WITH REMANANT BIOTITE HORNFELS ALTERATION				
		(VERY STRONG)				
		- FRACTURES HEALED BY clct ± qtz				
		230.00 - 232.00 m - ARKOSIC ARENITE - FINE -	2	230.00	232.00	- 7 VEINLETS - 1 - 24 mm in SIZE
		VERY FINE GRAINED DARK REDDISH BROWN TO				- qtz ± po ± py ± clct ± mo ± cpy (tr)
		LIGHT GREENISH GREY				
		- FRACTURES HEALED BY clct ± chl.				
		232.00 - 234.00 m - VERY FINE TO FINE GRAINED	2	232.00	234.00	- 19 VEINLETS - 1 - 20 mm in SIZE
		- DARK REDDISH BROWN - VERY STRONG BIOTITE				- qtz, - po - py - clct ± mo ± SERICITE (TR)
		HORNFELS ALTERATION				
		- BEDDING = 75 - 80° TO CORE				

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From m	To m	Description	Interval	From m	To m							
207.83 CONTINUED	283.83	232.00-234.00 m FRACTURES HEALED BY clct ± chl ± qtz ± CHLORITIZED SERICITE										
		234.00-236.00 m - ARKOSIC ARENITE - VERY FINE TO FINE GRAINED - DARK REDDISH BROWN - VERY STRONG BIOTITE HORNFELS ALTERATION - BEDDING = 75-80° TO CORE	2	234.00	236.00	-10 VEINLETS - 1-5mm in size -qtz -po- clct ± mo ± py ± cpy (tr.)						
		236.00-238.00 m - ARKOSIC ARENITE - VERY FINE - FINE GRAINED - DARK REDDISH BROWN - VERY STRONG BIOTITE HORNFELS ALTERATION - BEDDING 70-80° TO CORE - FRACTURING HEALED BY clct ± talc ± chl	2	236.00	238.00	-18 VEINLETS - 1-12mm in SIZE -qtz, po, clct ± mo ± cpy (tr.)						
		238.00-240.00 m ARKOSIC ARENITE VERY FINE - FINE GRAINED - - MASSIVE DARK BROWN (REDDISH) - VERY STRONG BIOTITE HORNFELS ALTERATION - FRACTURES HEALED BY CLCT ± chl ± talc - AT APPROX 238.35-238.55 - 10-20% DSSM Po	2	238.00	240.00	-9 VEINLETS 1mm - 6mm in SIZE -qtz - po ± clct ± cpy (tr.)						
		240.00-242.00 m ARKOSIC ARENITE - VERY FINE - FINE GRAINED - MASSIVE DARK REDDISH BROWN - STRONG - VERY STRONG BIOTITE HORNFELS ALTERATION - BEDDING = 80-90° TO CORE - ROCK IS QUITE DISTURBED HEALED BY QUARTZ - FRACTURING HEALED BY clct ± chl ± py ± talc	2	240.00	242.00	-26 VEINLETS 1mm - 21mm - -qtz - po + clct ± mo						

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From m	To m	Description	Interval	From m	To m	
207.93 continued	283.38	242.00 -244.00 m - ARKOSIC ARENITE	2	242.00	244.00	-15 VEINLETS -<1-9mm in SIZE
		-VERY FINE TO MED. GRAINED				-qtz, -po ± mo ± cpy (tr)
		-MED. - DARK REDDISH BROWN -				
		-MODERLY STRONG BIOTITE HORNFELS ALTERATION				
		-BEDDING 65-70° TO CORE				
		-MASSIVE - FRACTURES HEALED BY clot. ± chl.				
		244.00 - 246.00 m ARKOSIC ARENITE -MASSIVE	2	244.00	246.00	-20 VEINLETS -1-10 mm in SIZE
		-VERY FINE TO FINE GRAINED				-qtz -po ± clot ± mo (tr.) ± cpy (tr.)
		-MED DARK REDDISH BROWN - STRONG				
		BIOTITE HORNFELS ALTERATION				
		BEDDING = 60° to CORE				
		-FRACTURES HEALED BY clot.				
		246.00 -248.00 m. ARKOSIC ARENITE -VERY	2	246.00	248.00	-10 VEINLETS -1-8 mm in SIZE
		FINE TO FINE GRAINED				-qtz -po ± py ± clot ± mo ± fl
		-MED - DARK REDDISH BROWN - STRONG BIOTITE				
		HORNFELS ALTERATION				
		248.00 - 250.00 m -ARKOSIC ARENITE - VERY	2	248.00	250.00	-15 VEINLETS -1-12 mm in SIZE
		FINE TO FINE GRAINED - DARK REDDISH BROWN				-qtz -po ± clot ± py ± mo
		-VERY STRONG BIOTITE HORNFELS ALTERATION				
		-FRACTURES HEALED BY clot-chl				
		250.00 - 252.00 m ARKOSIC ARENITE - V. FINE	2	250.00	252.00	-10 VEINLETS -1-10 mm in SIZE
		TO FINE GRAINED				-qtz -po ± mo ± clot
		-DARK REDDISH BROWN - TO LIGHT GREENISH				
		GREY				
		-VERY STRONG BIOTITE HORNFELS ALTERATION				
		-FRACTURING HEALED BY clot. ± chl.				

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From m	To m	Description	Interval	From m	To m	
207.93 (continued)	283.38	252.00 - 254.00 m - ARKOSIC ARENITE - VERY FINE TO FINE GRAINED MOTTLED CREAMY ALTERATION - BLOTCHY IN APPEARANCE (remanent BIOTITE HORNFELS ALTERATION) (VERY STRONG - STRONG) - GOUGE AT 252.70 - 252.80 - NUMEROUS FRACTURES HEALED BY QTZ ± clct ± chl	2	252.00	254.00	- 13 VEINLETS - 1-10 mm in SIZE - qtz - po ± py ± clct ± mo (± CHLORITIZED SERICITE)
		254.00 - 256.00 m - ARKOSIC ARENITE - VERY FINE GRAINED - DARK REDDISH BROWN - VERY STRONG BIOTITE HORFELS ALTERATION - BEDDING - 70 - 80° TO CORE - FRACTURES HEALED BY clct ± chl.	2	254.00	256.00	- 11 VEINLETS - 1 - 19 mm in SIZE - qtz ± po ± py ± clct
		256.00 - 258.00 m ARKOSIC ARENITE - VERY FINE GRAINED DARK REDDISH BROWN - VERY STRONG BIOTITE HORNFELS ALTERATION - minor LIGHT GREENISH GREY ALTERATION - GOUGE AT 256.95 - FRACTURES HEALED BY clct, chl	2	256.00	258.00	- 23 VEINLETS 1 - 17 mm in SIZE - qtz - po ± py ± mo ± (tr.)
		- 258.00 - 260.00 ARKOSIC ARENITE - VERY FINE GRAINED - DARK REDDISH BROWN - VERY STRONG BIOTITE HORNFELS ALTERATION - MINOR LIGHT GREENISH GREY ALTERATION - BEDDING = 80 - 90° TO CORE @ 259.75 - 260.00 - qtz RICH ARENITE - 5 - 10 % 0.5 mm Po - 0.5 mm Py - GRAINS TOO SMALL TO DISTINGUISH	2	258.00	260.00	- 14 VEINLETS - 1 - 30 mm in SIZE - qtz - clct ± po ± mo (TR)

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From m	To m	Description	Interval	From m	To m							
207.83 CONTINUED	293.38	260.00-262.00m ARKOSIC ARENITE - VERY FINE	2	260.00	262.00	- 20 VEINLETS - 1-5mm IN SIZE						
		- FINE GRAINED - DARK REDDISH BROWN AND				- qtz ± po ± clt ± SIGKENSIDES						
		BLOTCHY CREAMY ALTERATION				- NUMEROUS HAIRLINE Py VEINLETS						
		- BEDDING = 60-65° TO CORE										
		- FRACTURES HEALED BY clt, -chl										
		262.00-264.00 m ARKOSIC ARENITE - VERY	2	262.00	264.00	-19 VEINLETS - 1-5mm IN SIZE						
		FINE TO FINE GRAINED - DARK REDDISH BROWN				- qtz - clt ± po ± py ± mo						
		- STRONG TO V STRONG BIOTITE HORNFELS										
		ALTERATION										
		- SOME LIGHT GREENISH GREY AND CREAMY										
		ALTERATION										
		FRACTURES HEALED BY clt ± chl ± py										
		- NUMEROUS HAIRLINE Py VEINLETS										
		264.00 - 266.00 m ARKOSIC ARENITE -	2	264.00	266.00	-33 VEINLETS - 1-6mm IN SIZE						
		- VERY FINE TO FINE GRAINED - DARK REDDISH				- qtz - po - py - clt						
		BROWN - VERY STRONG BIOTITE HORNFELS										
		ALTERATION										
		- BEDDING 60 - 70° TO CORE										
		- GOUGE AT 264.190 - 265.00 and 265.08										
		- @ 264.38 - 264.64 - GREYISH BROWN										
		ARENITE - 10-15% DS&m Po										
		- FRACTURES HEALED BY clt ± qtz ± chl										
		266.00 - 268.00 - ARKOSIC ARENITE	2	266.00	268.00	-13 VEINLETS - 1.5-8mm IN SIZE						
		- VERY FINE GRAINED QTZ ARENITE				- qtz - po ± py ± clt ± cpy (tr.)						
		- LIGHT GREY - 2-5% DS.5m Py										
		(TR) - 2% DS5m Po										

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From m	To m	Description	Interval	From m	To m							
207.83 CONTINUED	283.38	266.00 - 268.00 VERY STRONG BIOTITE										
		HORNFELS ALTERATION										
		FRACTURES HEALED BY clct - chl										
		@ 266.14 - 266.175 QUARTZ ARENITE										
		268.00 - 270.00 m ARKOSIC ARENITE	2	268.00	270.00	- 19 VEINLETS - 1 - 15 mm in SIZE						
		- VERY FINE TO FINE GRAINED				- qtz - po ± clct ± mo ± cpy (tr.) ± SERICITE						
		- DARK REDDISH BROWN - VERY STRONG BIOTITE				(TR)						
		HORNFELS ALTERATION										
		- MINOR LIGHT GREENISH GREY ALTERATION										
		- BEDDING = 60° TO CORE										
		- @ 268.18 - 268.38 - 5% DSSN PO										
		- FRACTURES HEALED BY clct ± chl ± talc (tr.)										
		270.00 - 272.00 m ARKOSIC ARENITE	2	270.00	272.00	- 21 VEINLETS - 1 - 4 mm IN SIZE						
		- VERY FINE TO FINE GRAINED - DARK REDDISH				- qtz - po - clct ± mo ± cpy (tr)						
		BROWN - VERY STRONG BIOTITE HORNFELS										
		ALTERATION										
		@ 270.00 - 270.18 - 5% DSSN PY - TR - 2%										
		DSSN PO										
		FRACTURES HEALED BY clct - chl ± talc										
		272.00 - 274.00 m ARKOSIC ARENITE	2	272.00	274.00	- 11 VEINLETS 1 - 8 mm IN SIZE						
		- VERY FINE GRAINED - DARK REDDISH BROWN				- qtz - po ± py ± clct ± CHLORITIZED						
		- VERY STRONG BIOTITE HORNFELS ALTERATION				SERICITE						
		- BEDDING - 40 - 45° TO CORE										
		- GOUGE AT 272.50, 273.75										
		- MASSIVE PO AT 272.20										
		- FRACTURES HEALED BY clct - chl ± talc										

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From m	To m	Description	Interval	From m	To m							
207.93	283.38	274.00 - 276.00 ARKOSIC ARENITE	2	274.00	276.00	-16 VEINLETS - 1-3mm in SIZE						
CONTINUED		-VERY FINE GRAINED - DARK REDDISH BROWN				-qtz-po ± clct ± py						
		-VERY STRONG BIOTITE HORNFELS ALTERATION										
		-@ 274.95-275.30 - qtz ARENITE										
		2% DSSM PY - TR - 1% DSSM PO										
		-GOUGE AT 274.20-274.35										
		-FRACTURES HEALED BY clct-chl ± talc										
		276.00-278.00 m ARKOSIC ARENITE	2	276.00	278.00	-22 VEINLETS < 1-13 mm						
		-VERY FINE to FINE GRAINED - DARK REDDISH				-qtz-po-clct ± cpy (tr.)						
		BROWN										
		-VERY STRONG BIOTITE HORNFELS ALTERATION										
		-BEDDING = 70-80° TO CORE										
		-GOUGE AT 277.92										
		-FRACTURES HEALED BY clct ± chl ± talc										
		278.00 - 280.00 m - ARKOSIC ARENITE	2	278.00	280.00	-9 VEINLETS - 1-6 mm IN SIZE						
		-VERY FINE GRAINED - DARK REDDISH BROWN				-qtz-po-clct						
		- VERY STRONG BIOTITE HORNFELS ALTERATION										
		-FRACTURES HEALED BY clct ± chl ± tgt,										
		280.00 - 282.00 - ARKOSIC ARENITE	2	280.00	282.00	-13 VEINLETS < 1-6 mm						
		-VERY FINE GRAINED - DARK REDDISH BROWN				-qtz-po-clct						
		-VERY STRONG BIOTITE HORNFELS ALTERATION										
		-CORE IS QUITE FRACTURED										
		-GOUGE AT 281.88										
		-FRACTURE HEALED BY clct-chl ± talc,										
		282.00 - 283.38 - ARKOSIC ARENITE	1.38	282.00	283.38	-8 VEINLETS < 1-4 mm IN SIZE						
		- VERY FINE GRAINED - DARK REDDISH BROWN				-qtz-po-clct						

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From m	To m	Description	Interval	From m	To m							
		280.00 - 283.38										
		- VERY STRONG BIOTITE HORNFELS ALTERATION										
		- BEDDING = 80-90° TO CORE										
		- FRACTURES HEALED BY clct-chl -										
283.38	283.88	283.38 - 283.88 - BLACK GRAPHITIC SILTSTONE	.50	283.38	283.88	- 2 VEINLETS <1-1mm IN SIZE						
		- UNALTERED - BEDDING 80-90° TO CORE				-qtz -po - clct - and clct						
		- NUMEROUS HAIRLINE PY VEINLETS										
		283.88 - 284.00 GRAPHITIC ARENITE	.12	383.88	284.00							
284.00	286.75	- BLACKISH BROWN - BEDDING = 80-90° TO CORE										
		284.00 - 286.00 INTERBEDDED BLACK	2	284.00	286.00	- 7 VEINLETS 1-3mm IN SIZE						
		GRAPHITIC ARENITE TO SILTSTONE WITH				-qtz -po-clct ± py ± cpy (tr)						
		VERY FINE GRAINED TO MED. GRAINED										
		ARKOSIC ARENITE - (DARK REDDISH BROWN)										
		- VERY STRONG BIOTITE HORNFELS ALTERATION										
		- BEDDING = 75° TO CORE										
		- FRACTURES HEALED BY clct ± chl ± talc (tr)										
		- NUMEROUS HAIRLINE PY VEINLETS										
		@ 285.52 - 285.62 15% DSSM PY										
		286.00 - 296.75 m - INTERBEDDED BLACK	.75	286.00	286.75	- 3 VEINLETS 1-4mm IN SIZE						
		GRAPHITIC SILTSTONE AND ARKOSIC ARENITE				-qtz -po ± clct						
		- FRACTURED HEALED BY clct - chl										
286.75	295.86	286.75 - 288.00 m ARKOSIC ARENITE	1.25	286.75	288.00	- 10 VEINLETS 1-3mm IN SIZE						
		- VERY FINE TO FINE GRAINED - DARK REDDISH				-qtz - po ± clct						
		BROWN -										
		- VERY STRONG BIOTITE HORNFELS ALTERATION										
		- 1% DSSN PY - Tr ASSN Po										

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From m	To m	Description	Interval	From m	To m							
296.75 CONTINUED	295.86	296.75 - 288.00 FRACTURES HEALED BY clct - chl ± qtz.										
		288.00 - 290.00 m ARKOSIC ARENITE - VERY	2	288.00	290.00	- 15 VEINLETS - 1 - 18 mm IN SIZE						
		FINE TO MED. GRAINED - DARK REDDISH BROWN				- qtz ± po ± clct ± py ± mo ± CHLORITIZED						
		- VERY STRONG BIOTITE HORNFELS ALTERATION				SERICITE						
		- MINOR - LIGHT GREENISH GREY QUARTZ ARENITE										
		- BEDDING = 15 - 85° TO CORE										
		290.00 - 292.00 ARKOSIC ARENITE - FINE TO	2	290.00	292.00	- 22 VEINLETS - 1 - 12 mm IN SIZE						
		MED. GRAINED - DARK REDDISH BROWN				- qtz - po - clct ± fl (tr.)						
		- STRONG BIOTITE HORNFELS ALTERATION										
		@ 290.00 - 291.00 - QUITE FRACTURED										
		HEALED BY QUARTZ										
		- FRACTURES HEALED BY clct - chl ± talc										
		292.00 - 294.00 - ARKOSIC ARENITE FINE TO	2	292.00	294.00	- 27 VEINLETS < 1 - 6 mm IN SIZE						
		MED. GRAINED - DARK REDDISH BROWN				- qtz - po - clct ± mo (tr.)						
		- STRONG BIOTITE HORNFELS ALTERATION										
		- MASSIVE - FRACTURES HEALED clct - chl. ± talc										
		294.00 - 295.86 ARKOSIC ARENITE VERY	1.86	294.00	295.86	- 7 VEINLETS < 1 - 11 mm IN SIZE.						
		FINE TO FINE GRAINED - DARK REDDISH BROWN				- qtz. - po ± clct ± py ± CHLORITIZIED SERICITE						
		- STRONG BIOTITE HORNFELS ALTERATION										
		- MINOR GRAPHITIC COMPONENT										
		- FRACTURES HEALED BY clct or chl, ± talc										
295.86	450.55	295.86 - 296.00 - BLACK GRAPHITIC SILTSTONE	.14	295.86	296.00	- 1 VEINLETS - 1 mm IN SIZE						
		- UNALTERED				- qtz - po -						
		- BIOTITE HORNFEL ALTERATION WEAK TO STRONG										
		- FRACTURES HEALED BY clct - chl ± py										

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From m	To m	Description	Interval	From m	To m						
295.86	450.55	295.86 - 296.00 - UNALTERED GRAPHITIC									
CONTINUED		SILTSTONE TO ARENITE - 2.5% DSSM PY									
		- PY HAIRLINE VEINLETS common									
		- TR - 1% DSSM PO - INTERBEDDED WITH FELD.									
		ARKOSIC ? ARENITE VERY FINE TO MED. GRAINED									
		UNIT SIZES VARY - A FEW Cm TO 1 TO 2 M									
		296.00 - 298.00 - BLACK GRAPHITIC SILTSTONE	2	296.00	298.00	- 13 VEINLETS < 1 - 8mm in size					
		TO ARENITE - UNALTERED				- qtz - pot clot					
		- 5% ARKOSIC ARENITE - 5% DSSM PY									
		- NUMEROUS HAIRLINE PY VEINLETS									
		= 1 - 2% ROUNDED SILICEOUS LITHIC CLASTS									
		- 2 - 6mm in SIZE									
		- BEDDING 55 - 65° TO CORE - SAME SIFT									
		SEDIMENT DEFORMATION									
		- FRACTURES HEALED BY clot - chl									
		298.00 - 299.20 BLACK GRAPHITIC ARENITE	1.20	298.00	299.20	- 7 VEINLETS - 1 - 2mm IN SIZE					
		2 - 5% SILICEOUS LITHIC FRAG				- qtz - po ± clot					
		- 2 - 5 mm IN SIZE									
		299.20 - 300.00 - ARKOSIC ARENITE	.80	299.20	300.00	- 9 VEINLETS < 1 - 9mm					
		FINE - GRAINED - MED REDDISH BROWN				- qtz - po ± clot ± mo (tr.)					
		- MOD. BIOTITE HORNFELS ALTERATION									
		300.00 - 302.00 - 90% ARKOSIC ARENITE	2	300.00	302.00	- 17 VEINLETS < 1 - qtz - po ± clot ± py (tr					
		- DARK REDDISH BROWN				- 1 COMPOUND VEINLET - 70 mm					
		- STRONG BIOTITE HORNFELS				- qtz - po - clot					
		- 10% GRAPHITIC ARENITE									
		- BEDDING = 80 - 90° TO CORE									

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From m	To m	Description	Interval	From m	To m						
295.86 CONTINUED	450.55	300 - 302.00 - @ 300.95 - 301.4 2% SILICEOUS LITHIC CLASTS 2-6 mm IN SIZE									
		BQ STARTS AT 301.4 m									
		302.00 - 304.00 m - 40% BLACK GRAPHITIC ARENITE - 60% FELDSPATIC ARENITE FINE GRAINED - MEDIUM REDDISH BROWN - MODERATE BIOTITE HORNFELS ALTERATION - THE FIELD ARENITE - 5-10% DSSN PY - TR - 2% DSSN PO	2	302.00	304.00	-10 VEINLETS 1-3 mm IN SIZE -qtz -po ± clct					
		304.00 - 306.00 m FELDSPATIC ARENITE - MED. REDDISH BROWN - FINE GRAINED - MOD. BIOTITE HORNFELS ALTERATION - massive PO AT 305.95	2	304.00	306.00	-24 VEINLETS < 1-10 mm IN SIZE -qtz -po ± clct ± mo ± cpy (tr.)					
		306.00 - 308.00 - 10-15% FELDSPATIC ARENITE - DARK REDDISH BROWN - STRONG BIOTITE HORNFELS ALTERATION -85-90% BLACK GRAPHITIC SILTSTONE - BEDDING = 80-85° TO CORE	2	306.00	308.00	-11 VEINLETS < 1-2 mm -qtz -po ± clct ± py ± fl (tr ?)					
		308.00 - 310.00 - 55% FELDSPATIC ARENITE - 40% BLACK GRAPHITIC SILTSTONE - 5% QUARTZ ARENITE	2	308.00	310.00	-12 VEINLETS < 1-7 mm IN SIZE -qtz -clct ± po					
		310.00 - 312.00 - 40% BLACK GRAPHITIC SILTSTONE (310.00 - 310.84) - 60% FELDSPATIC ARENITE - FINE GRAINED - MED. REDDISH BROWN	2	310.00	312.00	-7 VEINLETS 1-2 mm IN SIZE -qtz -po ± clct ± py					

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From m	To m	Description	Interval	From m	To m							
295.90	450.55	310.00-312.00 - MOD. BIOTITE HORNFELS										
CONTINUED		ALT - (310.84-312.00)										
		@ 311.05-311.15 -5-10% Po										
		312.00-314.00 m - 50% BLACK GRAPHITIC	2	312.00	314.00	-9 VEINLETS <1-3mm IN SIZE						
		SILTSTONE @ 313.90 → (FAULT CONTACT				-qtz -po ± clot ± cpy (tr.)						
		25° TO CORE) - 50% FELDSPATIC ARENITE										
		VERY FINE - FINE GRAINED										
		- LIGHT REDDISH BROWN										
		- WEAK BIOTITE HORNFELS ALTERATION										
		314.00-316.00 m - 90% BLACK GRAPHITIC SILTSTONE	2	314.00	316.00	-11 VEINLETS <1-2.5mm IN SIZE						
		- 10% FELDSPATIC ARENITE - BLACKISH BROWN				-qtz -po ± py ± clot (tr.)						
		UNALTERED										
		- BEDDING = 70-75° TO CORE										
		316.00-318.00 m - 70% FELDSPATIC ARENITE	2	316.00	318.00	- 9 VEINLETS <1-4mm IN SIZE						
		- VERY FINE TO FINE GRAINED - UNALTERED				-qtz -po ± clot ± mo (tr.)						
		- BEDDING = 70° TO CORE										
		- 30% BLACK GRAPHITIC SILTSTONE										
		318.00-320.00 m 80% FELDSPATIC ARENITE	2	318.00	320.00	- 11 - VEINLETS <1-7mm						
		- VERY FINE - FINE GRAINED - REDDISH BROWN				-qtz -po ± clot ± sericite (tr.)						
		- WEAK BIOTITE HORNFEL										
		- 20% BLACK GRAPHITIC SILTSTONE										
		320.00-322.00 - 60% BLACK GRAPHITIC SILTSTONE	2	320.00	322.00	14 - VEINLETS <1-3mm SIZE						
		- 40% FELDSPATIC ARENITE - DARK BROWN				- qtz - po ± clot - (tr.)						
		- FINE GRAINED										
		- WEAK BIOTITE HORNFELS ALTERATION										
		@ 321.90 - massive Po										

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From m	To m	Description	Interval	From m	To m							
295,96 CONTINUED	450.55	320,00 - 322,00 m - BEDDING = 60-65° TO CORE										
		322,00 - 324,00 m - 50% FELDSPATIC ARENITE	2	322,00	324,00	7 VEINLETS - qtz - po ± py ± clct						
		- FINE GRAINED - LIGHT BROWN - WEAK BIOTITE HORNFELS ALTERATION										
		- 50% BLACK GRAPHITIC SILTSTONE										
		- BEDDING 70-80° TO CORE										
		- CONTACT AT 323,92 = 55° TO CORE										
		324,00 - 326,00 m - 60% FELDSPATIC ARENITE	2	324,00	326,00	-12 VEINLETS < 1 - 4mm IN SIZE - qtz - po ± py ± clct (tr.)						
		- FINE GRAINED - LIGHT BROWN										
		- WEAK BIOTITE HORNFELS ALTERATION										
		- BEDDING = 65° TO CORE - CONTACT AT 325,89 = 45° TO CORE (FAULT)										
		326,00 - 328,00 m - BLACK GRAPHITIC SILTSTONE	2	326,00	328,00	- 8 VEINLETS < 1 - 7mm IN SIZE - qtz - po ± py ± clct						
		- ARENACEOUS IN PARTS										
		- BEDDING = 60° TO CORE										
		328 - 330,00 - BLACK GRAPHITIC SILTSTONE	2	328,00	330,00	- 10 VEINLETS < 1 - 4 mm IN SIZE - qtz - po ± clct ± py						
		- BEDDING = 60° TO CORE										
		330,00 - 332,00 m - 80% GRAPHITIC SILTSTONE	2	330,00	332,00	- 14 VEINLETS < 1 - 2 mm IN SIZE - qtz ± po ± clct						
		- 20% FELDSPATIC ARENITE										
		- MED. GRAINED - LIGHT BROWNISH GREY										
		- VERY WEAK ALTERATION										
		- BEDDING = 70-75° TO CORE										
		- POSSIBLE FAULT 330,05										
		332,00 - 334,00 m - 80% FELDSPATIC ARENITE	2	332,00	334,00	- 5 VEINLETS < 1 - 9 mm IN SIZE - qtz ± po ± clct						
		- LIGHT GREY - FINE GRAINED - VERY WEAK										

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From m	To m	Description	Interval	From m	To m							
295.85 CONTINUED	450.55	332.00 - 334.00 m - 20% BLACK GRAPHITIC										
		SILTSTONE - BEDDING = 70 - 75° TO CORE										
		334.00 - 336.00 - 50% FELDSPATIC ARENITE	2	334.00	336.00	- 14 VEINLETS 1 - 5mm IN SIZE						
		- VERY FINE TO FINE GRAINED				- qtz - ± clot						
		- LIGHT BROWNISH GREY - VERY WEAK BIOTITE										
		ALTERATION - 50% BLACK GRAPHITIC SILTSTONE										
		336.00 - 338.00 m - 50% BLACK GRAPHITIC	2	336.00	338.00	- 7 VEINLETS <1 - 6mm IN SIZE						
		SILTSTONE - 50% FELDSPATIC ARENITE				- qtz ± clot ± po ± py						
		- VERY FINE TO FINE GRAINED										
		- LIGHT BROWISH GREY - VERY WEAK BIOTITE										
		HORNFELS ALTERATION										
		- BEDDING = 80 - 90° TO CORE										
		- GOUGE AT 336.67 AND 336.73										
		338.00 - 340.00 m - 70% qtz FELDSPATIC	2	338.00	340.00	- 10 VEINLETS 1 - 5mm IN SIZE						
		ARENITE - FINE GRAINED - LIGHT GREY - BROWN				- qtz ± po	± clot	± BIOTITE				
		- VERY WEAK BIOTITE HORNFELS ATERATION										
		- 30% BLACK GRAPHITIC SILTSTONE										
		- BEDDING = 65° TO CORE										
		- CONTACT AT 339.06 = 35 - 40° TO CORE										
		- CONTACT @ 339.90 = 65° TO CORE										
		340.00 - 342.00 m - 50% BLACK SILTSTONE	2	340.00	342.00	- 5 VEINLETS - 1 - 3 mm IN SIZE						
		GRAPHITIC - 50% FELDSPATIC QTZ ARENITE				- qtz ± po	± py	± clot				
		- LIGHT BROWISH GREY - VERY WEAK BIOTITE										
		HORNFELS ALTERATION										
		- CONTACT @ 341.25 = 40° TO CORE										
		- BEDDING = 65° TO CORE										

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From m	To m	Description	Interval	From m	To m							
295.06 CONTINUED	450.55	340.00-342.00 — 340.45 → 340.57										
		- 20% PSSN Fe										
		342.00-344.00 m -95% BLACK GRAPHITIC	2	342.00	344.00	-7 VEINLETS <1-8 mm IN SIZE						
		SILTSTONE TO VERY FINE GRAINED ARENITE				-qtz -po ± clct ± py						
		-5% FELDSPATIC ARENITE										
		344.00 -346.00 - 70% FELDSPATIC ARENITE	2	344.00	346.00	-13 VEINLETS <1-20 mm IN SIZE						
		-FINE GRAINED -LIGHT BROWISH GREY				-qtz ± po ± py ± clct						
		-VERY WEAK BIOTITE HORNFELS ALTERATION										
		- 30% BLACK GRAPHITIC SILTSTONE										
		-BEDDING = 70° TO CORE										
		346.00 -348.00 - 60% BLACK GRAPHITIC	2	346.00	348.00	- 2 VEINLETS - 1 mm						
		SILTSTONE -40% FELDSPATIC ARENITE				-qtz ± p						
		-FINE GRAINED -LIGHT BROWN GREY.										
		- VERY WEAK BIOTITE HORNFELS ALTERATION										
		- CONTACT AT 347.70 - 55° TO CORE										
		-BEDDING = 75° TO CORE										
		348.00 - 350.00 m - 75% BLACK GRAPHITIC	2	348.00	350.00	-10 VEINLETS <1-20 mm IN SIZE						
		SILTSTONE				-qtz ± py ± po ± mo ± clct						
		-25% FELDSPATIC ARENITE - FINE GRAINED										
		-LIGHT BROWNISH GREY										
		-VERY WEAK BIOTITE HORNFELS ALTERATION										
		BEDDING 45° AND 90-90° TO CORE										
		350.00 -352.00 m BLACK GRAPHITIC	2	350.00	352.00	-5 -VEINLETS <1-2 mm IN SIZE						
		SILTSTONE				- qtz ± py ± po	± clct + (tr.)	± mo	(tr)			
		352.00 - 354.00 m -90% FELDSPATIC	2	352.00	354.00	- 3 VEINLETS - 2 -19 mm IN SIZE						
		ARENITE -MINOR QTZ ARENITE				-qtz -po clct						

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From m	To m	Description	Interval	From m	To m						
295.96 CONTINUED	450.55	352.00 - 354.00 m - VERY FINE TO FINE									
		GRAINED - LIGHT BROWNISH GREY									
		- VERY WEAK BIOTITE HORNFELS ALTERATION									
		- 60% BLACK - GRAPHITIC ARENITE - FINE GRAINED									
		- BEDDING = 80 - 90° TO CORE									
		354.00 - 356.00 - 60% BLACK GRAPHITIC SILTSTONE	2	354.00	356.00	- 5 VEINLETS - 1 mm IN SIZE					
		- 40% FELDSPATIC AND QUARTZ LIGHT GREY				- qtz ± po ± py ± clot					
		- BROWISH GREY - VERY WEAK BIOTITE HORNFELS									
		ALTERATION ARENITES									
		- BEDDING = 75 - 80° TO CORE									
		356.00 - 358.00 m - 75% BLACK GRAPHITIC	2	356.00	358.00	- 6 VEINLETS < 1 - 1 mm IN SIZE					
		SILTSTONE - 25% QTZ TO FELDSPATIC ARENITES				- qtz ± po ± py ± clot					
		- LIGHT BROWN GREY - VERY FINE GRAINED									
		- VERY WEAK BIOTITE HORNFELS ALTERATION									
		- BEDDING = 80 - 90° TO CORE									
		- GOOD SOFT SEDIMENTARY DEFORMATION									
		358.00 - 360.00 M - 60% BLACK GRAPHITIC	2	358.00	360.00	- 4 VEINLETS 1 - 5 mm IN SIZE					
		SILTSTONE - (40% FELDSPATIC ARENITE FINE				- qtz - po - clot ± mo					
		GRAINED - LIGHT GREY BROWNISH 358.00 - 358.00									
		- BEDDING = 80 - 90° TO CORE									
		360.00 - 362.00 m BLACK GRAPHITIC	2	360.00	362.00	- 7 VEINLETS < 1 - 1.5 mm					
		SILTSTONE (ARENITE)				- po ± qtz ± clot					
		- BEDDING 80 - 90° TO CORE									
		362.00 - 364.00 m - 80% FELDSPATIC ARENITE	2	362.00	364.00	- 10 VEINLETS - MOSTLY COMPOUND					
		- 20% BLACK GRAPHITIC ARENITE - VERY FINE				- 1 - 4 mm					
		GRAINED				- qtz - po ± clot					

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From m	To m	Description	Interval	From m	To m							
295.26 CONTINUED	450.55	362.00 - 364.00 m BEDDING 75-90° TO CORE										
		BOUGE AT 363.68 MASSIVE PO AT										
		363.64 - 363.66										
		364.00 - 366.00 m - 95% FELDSPATIC ARENITE	2	364.00	366.00	- 13 VEINLETS 1 - 45 mm IN SIZE						
		- 5% BLACK GRAPHITIC SILTSTONE				- qtz - po ± clot ± mo (tr.)						
		- BEDDING = 75-85° TO CORE										
		366.00 - 368.00 m - 70% BLACK GRAPHITIC SILTSTONE	2	366.00	368.80	- 5 VEINLET - 4-1 mm IN SIZE						
		(366.00 - 367.38) - 3 % FELDSPATIC ARENITE				- qtz ± po ± clot						
		- FINE - GRAINED - LIGHT BROWNISH GREY										
		- VERY WEAK BIOTITE HORNFELS ALTERATION										
		(367.38 → 368.00) - SOFT SEDIMENTARY DEFORMATION										
		- BEDDING = 60° TO CORE										
		368.00 - 370.00 m - 98% BLACK GRAPHITIC	2	378.00	380.00	- 5 VEINLETS < 1 - 1.5 mm IN SIZE						
		SILTSTONE TO ARENITE (FINE GRAINED)				- qtz - po.						
		- BEDDING = 50 - 60° TO CORE										
		- 2% FELDSPATIC ARENITE - CONTACT AT										
		368.15 35-40° TO CORE										
		370.00 - 372.00 - 60° - BLACK GRAPHITIC SILTSTONE	2	370.00	372.00	- 6 VEINLETS < 1 - 23 mm IN SIZE						
		- 40° FELDSPATIC - QTZ ARENITE - FINE GRAINED				- qtz - po ± clot ± mo ± cpy (tr.)						
		- LIGHT GREY TO BROWNISH GREY										
		- VERY WEAK BIOTITE HORNFELS ALTERTION										
		- BEDDING = 35-40° TO CORE										
		372.00 - 374.00 - 80% FELDSPATIC ARENITE	2	372.00	374.00	- 15 VEINLETS < 1 - 7mm IN SIZE						
		- FINE GRAINED - LIGHT BROWNISH GREY				- qtz - po - clot (tr.) - mo, tr.						
		- VERY WEAK BIOTITE HORNFELS ACT										
		- 20% BLACK GRAPHITIC SILTSTONE										

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From m	To m	Description	Interval	From m	To m							
345.86 CONTINUED	450.55	372,00 - 374,00 - SOFT SEDIMENTARY DEFORMATION (SWIRLS)										
		374,00 - 376,00 - 85% BLACK GRAPHITIC SILTSTONE TO VERY FINE GRAINED ARENITE - 15% FELDSPATIC ARENITE - LIGHT GREY BROWNISH - VERY WEAK BIOTITE HORNFELS ALTERATION - SOFT SEDIMENTARY DEFORMATION	2	374,00	376,00	- 8 VEINLETS < 1 - 1.5 mm - qtz - po ± clot						
		376,00 - 378,00 m - 60% BLACK GRAPHITIC SILTSTONE - 40% FELDSPATIC ARENITE - FINE GRAINED - LIGHT BROWNISH GREY - SOFT SEDIMENTARY DEFORMATION (SWIRLS)	2	374,00	376,00	- 3 VEINLETS < 1 - 1 mm IN SIZE - qtz ± po ± clot (tr.)						
		378,00 - 380,00 m - 60% BLACK GRAPHITIC SILTSTONE - 40% FELDSPATIC - QTZ ARENITE - LIGHT GREY - UNALTERATION - SOFT SEDIMENTARY DEFORMATION - CONTACT AT 378,90 - 25 - 30° TO CORE	2	378,00	380,00	- 4 VEINLETS - < 1 - 3 mm IN SIZE - qtz ± po ± py ± clot						
		380,00 - 382,00 m - 70% BLACK GRAPHITIC SILTSTONE - 30% FIELD ARENITE LIGHT BROWNISH GREY - UNALTERED - BEDDING - 25° TO CORE	2	380,00	382,00	- 3 VEINLETS < 1 - 6 mm IN SIZE - qtz, clot ± po						
		382,00 - 384,00 m - 70% BLACK GRAPHITIC SILTSTONE 382,00 - 382,91 AND 383,63 - 384,00 - 30% QTZ FELDSPATIC ARENITE 382,91 - 383,63 - FINE GRAINED - CONTACT AT 383,73 = 45° TO CORE	2	382,00	384,00	- 7 VEINLETS < 1 - 3 mm - qtz ± po ± py ± clot						
		384,00 - 386,00 - 98% BLACK GRAPHITIC SILTSTONE - ARENITE	2	384,00	386,00	- 14 VEINLETS - MOSTLY 4 mm OTHERS - 2 - 3 mm						

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From m	To m	Description	Interval	From m	To m						
295.86 CONTINUED	450.55	384.00-386.00 m - 2% FELDSPATHIC ARENITE				-qtz-po± clot ± cpy (tr.)					
		@ 385.78-385.80 - CONTACT 35-40° TO CORE - BEDDING IS 35-40° TO CORE									
		- SOFT SEDIMENTARY DEFORMATION - SWIRLS									
		386.00-388.00 m - GRAPHITIC SILTSTONE AND	2	386.00	388.00	-7 VEINLETS - 1-25 mm IN SIZE					
		ARENITE - SOFT SEDT DEFORMATION ·				- (MOSTLY COMPOUND)					
		- BEDDING = 60° TO CORE				-qtz ± po ± py ± clot ± mo (tr) ± BIOTITE					
		- MASSIVE Po @ 386.25 - 12 mm BAND									
		- 55° TO CORE									
		388.00-390.00 m - 70% BLACK GRAPHITIC	2	388.00	390.00	-12 VEINLETS <1-3 mm					
		SILTSTONE - 30% FELDSPATHIC ARENITE				-qtz ± po ± clot					
		- BEDDING = 60° TO CORE									
		- 386.63 - CONTACT 90° TO CORE - 386.63-389.24									
		- FINE TO MED. GRAINED									
		390.00-392.00 m - 55% BLACK GRAPHITIC	2	390.00	392.00	- 3 VEINLETS 1-10 mm					
		SILTSTONE - 390.00-391.00 - GOUGE AT 390.38				-qtz ± po ± clot (tr)					
		- CORE QUITE BROKEN				- CORE QUITE BROKEN					
		- 45% FELDSPATHIC ARENITE - FINE GRAINED									
		- LIGHT BROWNISH GREY									
		- VERY WEAK BIOTITE HORNFELS ALTERATION									
		- HEALED BY qtz ± po									
		392.00-394.00 - 90% QUARTZ - FELDSPATHIC,	2	392.00	394.00	- 10 VEINLETS < 1-12 mm IN SIZE					
		ARENITE - FINE TO MED GRAINED				-qtz - clot ± po ± mo ± SERICITE					
		- LIGHT GREY - LIGHT BROWNISH GREY									
		- SOME TRACES OF MOBERAIE BIOTITE HORNFELS									
		ALTERATION									

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From m	To m	Description	Interval	From m	To m							
295.86 CONTINUED	450.55	392.00 - 394.00 m - 20% BLACK GRAPHITIC SILTSTONE										
		- 393.20 - 393.45										
		- BEDDING = 75-85 TO CORE										
		394.00 - 396.00 m - QTZ - FELD. ARENITE	2	394.00	396.00	- 4 VEINLETS <1-3mm IN SIZE						
		- FINE TO MED. GRAINED - LIGHT GREY - LIGHT				- qtz ± clct ± mo ± po						
		BROWNISH GREY										
		- SOME VERY WEAK BIOTITE HORNFELS ALTERATION										
		MASSIVE										
		396.00 - 398.00 m - 70% QTZ ARENITE	2	396.00	398.00	- 1 VEINLET 1-4mm IN SIZE						
		- 30% GRAPHITIC ARENITE TO SILTSTONE				- qtz - po						
		- GOUGE AT 396.83 AND 397.20 - 397.40										
		- ROCK IS QUITE FRACTURED - HEALED BY clct										
		398.00 - 400.00 m - BLACK GRAPHITIC SILTSTONE	2	398.00	400.00	- 2 VEINLETS <1-1 mm IN SIZE						
		- VERY MINOR FINE GRAINED ARENITE				- qtz ± clct						
		- BEDDING = 75-80° TO CORE										
		- GOUGE AT 401.33 - 401.45										
		- NUMEROUS HAIRLINE - fy VEINLETS										
		400.00 - 402.00 m - 99% GRAPHITIC SILTSTONE	2	400.00	402.00	- 8 VEINLETS <1-5 mm IN SIZE						
		AND ARENITE (FINE GRAINED)				- qtz - po ± clct						
		- 1% QUARTZ - FELDSPATHIC ARENITE - FINE										
		GRAINED										
		- BEDDING = 70-80° TO CORE										
		402.00 - 404.00 m - QUARTZ ARENITE - LIGHT	2	402.00	404.00	- 9 VEINLETS <1-9 mm IN SIZE						
		GREY - LIGHT REDDISH BROWN				- qtz - po ± clct ± mo ± cpy (tr)						
		- WEAK BIOTITE HORNFELS ALTERATION - MASSIVE										

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From m	To m	Description	Interval	From m	To m							
295.96 CONTINUED	450.55	404.00 - 406.00 m - QUARTZ - FELDSPATHIC ARENITE	2	404.00	406.00	- 5 VEINLETS 1 - 6 mm IN SIZE						
		- FINE TO MED. GRAINED				- qtz - po ± clot ± mo						
		- LIGHT GREY TO LIGHT REDDISH BROWN										
		- SOME WEAK BIOTITE HORNFELS ALT, - MASSIVE										
		406.00 - 408.00 m - 50% BLACK GRAPHITIC	2	406.00	408.00	- 8 VEINLETS < 1 - 3 mm IN SIZE						
		SILTSTONE TO ARENITE - MASSIVE - 50% QUARTZ				- qtz - po ± clot ± mo ± cpy (tr)						
		ARENITE MASSIVE										
		408.00 - 410.00 m - 80% QTZ ARENITE	2	408.00	410.00	- 2 VEINLETS < 1 - 23 mm						
		- LIGHT GREY - MASSIVE				- qtz - clot ± po ± clot ± mo ± cpy						
		- 20% BLACK GRAPHITIC SILTSTONE										
		- FINE GRAINED ARENITE										
		- CONTACT AT 408.18 = 75° TO CORE										
		410.00 - 412.00 - QUARTZ ARENITE - FINE GRAINED	2	410.00	412.00	- 6 VEINLETS 1 - 8 mm IN SIZE						
		LIGHT GREY - BROWNISH GREY -				- qtz - clot ± po ± mo (tr)						
		- TRACE OF WEAK BIOTITE HORNFELS ALTERATION										
		- MASSIVE										
		412.00 - 414.00 m - QUARTZ - FELDSPATHIC	2	412.00	414.00	- 6 VEINLETS 1 - 6 mm IN SIZE						
		ARENITE, VERY FINE TO FINE GRAINED				- qtz ± po ± clot						
		- SOME WEAK BIOTITE HORNFELS ALTERATION										
		- LIGHT GREY - LIGHT REDDISH BROWN										
		414.00 - 416.00 m - 75% QUARTZ ARENITE	2	414.00	416.00	- 8 VEINLETS - 1 - 16 mm IN SIZE						
		414.00 - 415.53 - LIGHT GREY TO LIGHT				- qtz ± clot ± po						
		REDDISH BROWN (MASSIVE)										
		- 25% BLACK GRAPHITIC SILTSTONE										
		416.00 - 418.00 m - GRAPHITIC SILTSTONE AND	?	416.00	418.00	- 5 VEINLETS < 1 - 16 m						
		ARENITE - MASSIVE - BEDDING - 65-70° TO CORE				- qtz ± clot ± po ± mo						

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From m	To m	Description	Interval	From m	To m							
295.85 CONTINUED	450.55	440.00 - 442.00 m 70% BLACK GRAPHITIC SILTSTONE - MASSIVE - 30% QUARTZ AND FELDSPATHIC ARENITES	2	440.00	442.00	- 4 VEINLETS < 1 - 1 mm IN SIZE - qtz - po ± clct						
		- QUARTZ ARENITES AT 440.08 TO 440.24										
		- @ 440.24 CONTACT = 60° TO CORE										
		- QUARTZ ARENITE CONTAINS 10% DSSN PY										
		442.00 - 444.00 m - 65% - BLACK GRAPHITIC SILTSTONE - 35% QUARTZ FELDSPATHIC ARENITE	2	442.00	444.00							
		- GROUND CORE 442.00										
		- LIGHT REDDISH BROWN - WEAK BIOTITE HORNFELS ALTERATION										
		- CONTACT AT = 442.65 45° TO CORE										
		444.00 - 446.00 BLACK GRAPHITIC SILTSTONE	2	444.00	446.00	- 4 VEINLETS < 1 - 3 mm - qtz - po ± clct						
		- GOOD SOFT SEDIMENTARY DEFORMATION										
		- BEDDING 75° TO CORE										
		446.00 - 448.00 - 70% FELDSPATHIC ARENITE - LIGHT REDDISH BROWN	2	446.00	448.00	- 3 VEINLETS < 1 mm IN SIZE - qtz ± po ± clct						
		- WEAK BIOTITE HORNFELS										
		- MINOR (3 cm) QTZ. ARENITE										
		- 30% BLACK GRAPHITIC SILTSTONE										
		448.00 - 450.00 - 95% BLACK GRAPHITIC SILTSTONE - 5% QTZ. ARENITE	2	448.00	450.00	- 10 VEINLETS < 1 - 8 mm IN SIZE - qtz ± po ± clct ± BIOTITE						
		- CONTACT @ 449.95 = 45° TO CORE										
		- BEDDING = 70° TO CORE										
		450.00 - 452.00 m - 35% BLACK GRAPHITIC SILTSTONE	2	450.00	452.00	- 3 VEINLETS < 1 - 3 mm SIZE - qtz - po ± clct						
450.55	451.15	LAMPROPHYRE DIKE										

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From m	To m	Description	Interval	From m	To m							
451.15	458.00	450.00 - 452.00 m - GREENISH GREY 5%										
		EPIDOTIZED FELDSPAR										
		- 30% FELDSPATHIC ARENITE										
		- QUARTZ ARENITE - 451.55 - 451.65										
		- BEDDING = 75° TO CORE										
		452.00 - 454.00 - 99% BLACK GRAPHITIC	2	452.00	454.00	- 3 VEINLETS < 1 mm						
		SLITSTONE - MASSIVE				- qtz - py ± clot						
		- BEDDING - 60° TO CORE										
		- 1% LAMPROPHYRE DIKE - ~65° TO CORE										
		454.00 - 456.00 m - FELDSPATHIC ARENITE	2	454.00	456.00	- 6 VEINLETS - 1 - 20 mm						
		- SLIGHTLY GRAPHITIC IN PARTS				- qtz ± py ± po ± clot						
		456.00 - 459.00 m - 50% BLACK GRAPHITIC	2	456.00	458.00	- 3 VEINLETS < 1 mm						
		SILTSTONE - MASSIVE				- qtz - po ± clot						
		- BEDDING = 65° TO CORE										
		- 30% LAMPROPHYRE DIKE - 65° TO CORE										
		- 20% FELDSPATHIC ARENITE										
458.00	500.20	458.00 - 460.00 - BLACK GRAPHITIC SILTSTONE	2	459.00	460.00	- 4 VEINLETS < 1 - 1 mm				IN SIZE		
		- BEDDING = 55 - 60° TO CORE - MASSIVE				- qtz - po - clot						
		- @ 458.20 - ELLIPTICAL FEATURES										
		70 x 40 mm IN SIZE - qtz - po - clot										
		HAIRLINE OF PY										
		460.00 - 462.00 - 90% FELDSPATHIC QUARTZ	2	460.00	462.00	- 3 VEINLETS < 1 mm IN SIZE						
		- BROWISH GREY				- qtz - po ± clot						
		- BEDDING = 70° TO CORE										
		- 10% BLACK GRAPHITIC SILTSTONE										

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From m	To m	Description	Interval	From m	To m						
458,00 CONTINUED	500,20	462,00 - 464,00 - QTZ ARENITE @ 462,00 - 462,29 LIGHT GREY - FINE TO MED GRAINED	2	462,00	464,00	- 4 VEINLETS - 1 - 30mm IN SIZE - qtz - po ± clot					
		- FIELD ARENITE VERY FINE - GRAINED									
		- BROWNISH GREY 462,27 - 464,00									
		464,00 - 466,00 - 70% BLACK GRAPHITIC	2	464,00	466,00	- 3 VEINLETS - 1 - 20mm - qtz - po - clot ± mo ± BIOTITE					
		SILTSTONE - ARENITE - 30% FELDSPATHIC									
		ARENITE - BROWNISH GREY									
		- 465,50 - 466,00 MSSV, QUARTZ AND LESSER									
		AMOUNTS OF Po COMMON									
		466,00 - 468,00 m - 80% BLACK GRAPHITIC	2	466,00	468,00	- 5 VEINLETS < 1 - 4mm					
		SILTSTONE - 20% FELDSPATHIC ARENITE				- qtz ± py ± po ± clot					
		- BEDDING = 75 - 85° TO CORE									
		- MASSIVE QTZ AND LESSER AMOUNTS OF									
		Po (tr CPY) common (FRACTURE FILLING)									
		468,00 - 470,00 - BLACK GRAPHITIC SILTSTONE	2	468,00	470,00	- 10 VEINLETS - 4 - 1.5 m					
		AND ARENITE - (FINE TO MED. GRAINED)				- qtz ± py ± clot					
		- RIP UP CLASTS OF SILTSTONE IN THE ARENITE									
		- GRAPHITIC ALONG SHEARED SURFACES									
		470,00 - 472,00 - 85% BLACK GRAPHITIC	2	470,00	472,00	- 7 VEINLETS - 1 - 16 mm					
		SILTSTONE - ARENITE (FINE GRAINED)				- qtz - py ± clot					
		(470,00 - 470,40) (470,56 - 471,66)									
		- 15% LAMPROPHYRE DIKES (470,40 - 470,56)									
		(470,66 - 471,80 - GREENISH									
		- 15% HORN FELDSPAR									
		472,00 - 474,00 m - 70% QTZ. ARENITE (BOTH MSSV	2	472,00	474,00	- 14 VEINLETS - 1 - 7 mm IN SIZE - qtz ± py ± po ± clot ± CPY (tr.)					
		- BROWNISH GREY - 30% BLACK GRAPHITIC ARENITE									

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From m	To m	Description	Interval	From m	To m							
458.00 CONTINUED	500.20	474.00 - 476.00 m - 75% QTZ ARENITE	2	474.00	476.00	- 8 VEINLETS <1 - 4mm IN SIZE						
		- LIGHT BROWNISH GREY - 25% BLACK GRAPHITIC				- qtz - clot ± po						
		SILTSTONE - CONTACT @ 474.38 = 45° TO CORE										
		CONTACT @ 475.57 = 85° TO CORE										
		- BEDDING = 80 - 90° TO CORE										
		476.00 - 478.00 m - 60% BLACK GRAPHITIC	2	476.00	478.00	- 4 VEINLETS <1 - 1.5mm IN SIZE						
		SILTSTONE - 40% QUARTZ ARENITE - FINE				- qtz ± py ± clot						
		GRAINED - LIGHT GREY - BOTH MASSIVE										
		- GROUND CORE AT 476.80										
		- BEDDING = 80 - 85° TO CORE										
		478.00 - 480.00 - 75% QUARTZ ARENITE	2	478.00	480.00	- 8 VEINLETS 1 - 9mm						
		- FINE GRAINED (478.00 - 479.50) LIGHT GREY				- qtz - clot ± po						
		- 25% GRAPHITIC ARENITE - (479.50 - 480.00)										
		480.00 - 482.00 - BLACK GRAPHITIC SILTSTONE	2	480.00	482.00	- 9 VEINLETS <1 - 1mm IN SIZE						
		- SLIGHTLY ARENACEOUS				- qtz ± clot						
		- GOUGE AT 480.50										
		482.00 - 484.00 - 75% QUARTZ FELDSPATIC	2	482.00	484.00	- 4 VEINLETS - 1mm						
		ARENITE - LIGHT GREY - REDDISH BROWN				- qtz - clot ± po (tr.)						
		- MODERATELY BIOTITE HORNFELS ALTERATION										
		- 25% BLACK GRAPHITIC SILTSTONE										
		- BEDDING - 80-90° TO CORE										
		484.00 - 486.00 - QUARTZ FELDSPATIC ARENITE	2	484.00	486.00	- 5 VEINLETS - 1 - 4mm IN SIZE						
		- LIGHT GREY - REDDISH DARK BROWN				- qtz ± clot ± mo (tr.)						
		- MOD. TO STRONG BIOTITE HORNFELS ALTERATION										
		- FINE GRAINED										

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From m	To m	Description	Interval	From m	To m							
458.00 CONTINUED	500.20	486.00 - 488.00 m QUARTZ - FELDSPATHIC	2	486.00	488.00	- 6 VEINLETS 1 - 10 mm IN SIZE						
		ARENITES LIGHT GREY TO DARK REDDISH BROWN				- qtz - pot ± clot ± mo						
		- STRONG BIOTITE HORNFELS ALTERATION										
		- 40% BLACK GRAPHITIC SILTSTONE										
		488.00 - 490.00 m - 75% QUARTZ - FELDSPATHIC	2	488.00	490.00	- 8 VEINLETS 1 - 21 mm IN SIZE						
		ARENITES - FINE GRAINED - DARK GREY TO				- qtz ± clot ± pot ± mo						
		REDDISH BROWN - 25% BLACK GRAPHITIC										
		SILTSTONE MASSIVE										
		- BEDDING = 75 - 85° TO CORE										
		490.00 - 492.00 m - 50% BLACK GRAPHITIC	2	490.00	492.00	- 12 VEINLETS 1 - 9 mm IN SIZE						
		SILTSTONE - 50% FIELD ARENITE										
		MEDIUM REDDISH BROWN - MODERATE BIOTITE										
		HORNFELS ALTERATION										
		- BEDDING = 75 - 80° TO CORE										
		492.00 - 494.00 m - 65% QUARTZ - FELDSPATHIC,	2	492.00	494.00	- 1 VEINLET - 2 mm						
		ARENITE - LIGHT GREY - MEDIUM REDDISH BROWN				- qtz - clot - mo - po						
		- BEDDING = 75 - 80° TO CORE										
		- 35% BLACK GRAPHITIC SILTSTONE										
		- @ 493.40 - 493.49 - qtz ARENITE - 85° TO CORE										
		BRECCIATED										
		- GOUGE AT 493.40										
		494.00 - 496.00 m BLACK GRAPHITIC SILTSTONE	2	494.00	496.00	- 5 VEINLETS - 1 - 26 mm IN SIZE						
		- GOUGE AT 495.85				- qtz ± pot ± py ± clot						
		496.00 - 498.00 m - 80% BLACK GRAPHITIC	2	496.00	498.00	- 3 VEINLETS 1 - 10 mm IN SIZE						
		SILTSTONE ARENITE - 1% SILICEOUS LITHIC				- qtz - pot ± clot ± mo						
		CLASTS 1 - 7 mm IN SIZE										

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From m	To m	Description	Interval	From m	To m							
458.00 CONTINUED	500.20	496.00 - 498.00 m 20% QUARTZ ARENITE										
		- FINE GRAINED - LIGHT BROWNISH GREY										
		- WEAK BIOTITE HORNFELS ALTERATION										
		498.00 - 500.00 m - 80% QTZ FELDSPATIC	2	498.00	500.00	- 8 VEINLETS 1 - 10 m						
		ARENITE FINE GRAINED - BROWISH GREY				- qtz. stot. clot. mo± BIOTITE						
		- WEAK BIOTITE HORNFELS ALTERATION										
		- 20% BLACK GRAPHITIC SILTSTONE										
		500.00 - 500.20 FELDSPATHIC ARENITE	.02	500.00	500.20	- 1 VEINLET - 40 mm IN SIZE						
		- FINE GRAINED BROWNISH GREY				- qtz - po - clot - mo						
		- WEAK BIOTITE HORNFELS ALTERATION										
		THE END										

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Diamond Drill Record

Location: 24350 East 25130 North			Hole No. 81-2
Azimuth: 175°	Dips - collar 70 °	Contractor: G & D Diamond Drilling Ltd.	Property: Surprise Creek Option
Elevation: 1505m.	152.4m 70 °	Logged By: M. Holtby	Claim No. Prise.
Length: 324.9m	324.9m 70 °	Date: September 1981	Section No.
Core Size: 0-301.4m NQ 301.4-324.9 BQ	- m °		Started: July 11, 1981
Purpose: to test area of best known mineralization.			Completed: July 28, 1981

From m	To m	Description	Sample No.	From m	To m						
0	0.60	CASING -									
0.60	2.4	- CORE BROKEN AND GROUND - POOR RECOVERY	1.8	0.60	2.40	- 4 VEINLETS -	AUG -	1mm -	qtz - po - py		
		- QUARTZ ARENITE - BROWN AND BLACK									
		- TRACE 0.5% PYRITE									
		- BROWN SECTIONS MODERATELY HORNFELSED									
		- @ 2.4 m - CONTACT IS 40° TO CORE									
2.4	88.5	- QUARTZ ARENITE - LIGHT TO MEDIUM BROWN - MODERATE BIOTITE HORNFELS ALTERATION									
		- 0 TO 10% FELDSPARS - SOFT - YELLOWISH TEND TO BE MORE OBVIOUS AT THE LOWER CONTACT									
		- TRACE OF 0.5% PYRITE AND PYRRHOTITE									
			1.60	2.40	4.00	- 4 VEINLETS -	AUG	1mm	- qtz - po - py ± clt (tr)	± mo(tr)	
			2.0	4.00	6.00	- 6 VEINLETS -	AUG	1mm	- qtz - clt		

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From m	To m	Description	Interval	From m	To m							
2.40	88.50	4.00 TO 6.00 @ 4.70m A 12 CM ZONE	2	4.00	6.00	- 5 VEINLETS	- AVG 1mm - qtz-po-py ± cp (tr)					
CONTINUED		60° TO CORE					± mo (tr) ± clct					
		- BANDS OF DSSM PYRRHOTITE - 40%				- cp ASSOCIATED WITH Po						
		PYRRHOTITE AND A TRACE OF CHALCOPYRITE				- Mo ALONG OUTSIDES OF VEINLETS						
		6.00 TO 8.00 - OCCASSIONAL PATCHES WITH	2	6.00	8.00	- 4 VEINLETS - AVG 1mm - qtz - py ± clct						
		10 TO 20% DSSM PYRRHOTITE				- 4 VEINLETS - AVG 1mm - qtz-py-po ± cp ± mo						
		8.00 TO 10.00 @ 8.20m - SUBHANSIDED	2	8.00	10.00	- 15 VEINLETS - 1 TO 2mm - qtz - po - mo ± py ± clct						
		PYRITE				± cp						
						- SEVERAL HAVE BLEACHED ENVELOPES UP						
						TO 0.8cm FROM THE VEINLETS						
						- ALSO MANY HAIRLINE qtz - clct - po						
						VEINLETS						
		10.00 TO 12.00 - YELLOWISH FELDSPARS AGAIN	2	10.00	12.00	- 15 VEINLETS - AVG 1-3mm - qtz - po ± cp (tr)						
		VISIBLE @ APPROX 11.50m				± mo (tr)						
						- cp AND Mo Not Common						
		12.00 TO 14.00 STILL MODERATE BIOTITE	2	12.00	14.00	- 8 VEINLETS - qtz - po - py						
		HORNFELS ALTERATION - LIGHT TO				- 1 VEINLET - 1mm - qtz - py						
		MEDIUM BROWN.										
		- MUDBALL @ 13.60m										
		- DSSM PYRRHOTITE AND PYRITE TEND TO										
		BE IN COARSER SECTION										
		- POSSIBLE BEDDING 60° TO CORE										

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From m	To m	Description	Interval	From m	To m	
2.40	88.50	14.00 TO 16.00 - MODERATE HORNFELS	2	14.00	16.00	- SEVERAL HAIRLINE VEINLETS py - qtz
CONTINUED						- 1/ VEINLETS - AVG 1mm - qtz - po - py
						- 1 VEINLET - 1/mm - qtz - po - cp
		16.00 TO 18.00 MODERATE HORNFELS	2	16.00	18.00	- 12 VEINLETS ~1 TO 1mm qtz - po ± py
		- @ 16.90 m 5 TO 10% DSSM PYRRHOTITE				
		18.00 TO 20.00 - ROCK HAS A PULVERIZED	2	18.00	20.00	- 9 VEINLETS AVG 1mm - up to 1cm (DIFUSE ZONE)
		APPEARANCE				- qtz - po - py ± mo (IN 1 VEINLET)
		- @ 18.10 AND 18.3 MUDBALL FEATURES qtz-po				- 19.60 TO 19.90 NUMEROUS HAIRLINE VEINLETS
		- @ 19.5 - APPROX 80% Po BETWEEN 2 qtz				OF qtz - py
		VEINLETS SPACED 7cm APART				
		20.00 TO 22.00 @ 20.60 m - MUDBALL FEATURE	2	20.00	22.00	- 9 VEINLETS - qtz - po - py ± cp (tr) ± mo (IN
		- qtz - po - py				2 ONLY) - MOST ~1mm, 1 - 0.9cm, 1 - 1.7cm,
						1 - 0.5cm (LAST 2 HAVE mo)
						- NUMEROUS HAIRLINE - qtz - clct - VEINLETS
		22.00 TO 24.00 - ALSO OCCASSIONAL LIGHT		22.00	24.00	- 10 VEINLETS - AVG 1mm - qtz - po - py ± mo (tr)
		CREAM COLOURED, VERY SOFT PATCHES				-
		IN SOME VEINLETS (ALUNITE?)				
		24.00 TO 26.00		24.00	26.00	- 17 VEINLETS - AVG 1mm - RANGE ~1 TO 2cm - qtz
						- po ± py ± mo (RARE)
						- SOME BLEACHED HALO'S

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From m	To m	Description	Interval	From m	To m							
2.40	88.50	24.00 - 26.00 @ 25.30m - qtz - po MUDBALL	2									
CONTINUED		TYPE FEATURE										
		26.00 TO 28.00 BEDDING = 65° TO CORE	2	26.00	28.00	- 12 VEINLETS AVG 1/4 TO 1mm - 1 is 5mm -qtz - po ± py ± mo (Tr)						
						- SEVERAL HAIRLINE qtz - clct ± py VEINLETS						
						- qtz - clct VEINLETS OFFSET qtz - po VEINLETS						
		28.00 TO 30.00 @ 29.10 BRECCIA	2	28.00	30.00	- 20 VEINLETS AVG 1/4 TO 1mm - 3 ARE LARGER						
		APPEARANCE				ONE is compound - 2cm - OTHERS 10cm						
		- qtz - po VEINLETS BROKEN UP BY qtz - clct				AND .60 cm - qtz - po - py - mo						
		VEINLETS				- MO HAS SPREAD OUT FOR 1 TO 3mm FROM						
		- ALSO Rock is BLEACHED LIGHT GREY				A FEW VEINLETS						
		AND MODERATELY SOFT				- NUMEROUS 1/4 TO 1m qtz - clct VEINLETS						
		- BY 30.0 m THE HORNFELS BROWN				- 10 cm VEINLET - qtz - po - py - cp - mo						
		COLOUR is LESS OBVIOUS DUE TO										
		BLEACHING										
		30.00 TO 32.00 HORNFELSED COLOUR ON		30.00	32.00	- 12 VEINLETS - AVG 0.8 cm - qtz - po - py ± cp - mo						
		FRESH SURFACE IS DARKER THAN										
		ON CORE EXTERIOR - MORE OF A										
		LIGHT GREY THAN BROWN										
		- GROUNDMASS IS STILL QUARTZ ARENITE										
		WITH OCCASSIONAL SECTIONS WITH										
		VISIBLE FELDSPARS										
		--@ 31.90 HAIRLINE PYRITE VEINLETS										

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From m	To m	Description	Interval	From m	To m	
2.40	88.50	30.00 TO 32.00 m - CONTINUED - WITH PYRITE	2			
CONTINUED		EXTENDING OUT ALONG HAIRLINE FRACTURES				
		32.00 TO 34.00 m Rock is LIGHT BROWN	2	32.00	34.00	-6 VEINLETS AVG 3mm - qtz-po-py-mo
		TO LIGHT GREY				- ONE COMPOUND VEINLET 4cm WIDE
						- NUMEROUS HAIRLINE Py ± qtz VEINLETS
						WITH Py EXTENDING ALONG HAIRLINE
						FRACTURES OUTWARD FROM MAIN VEINLETS
		34.00 TO 36.00 m	2	34.00	36.00	- 7 VEINLETS AVG 1 mm
						- qtz + po + py + cp + mo
						- NUMEROUS HAIRLINE Py ± qtz VEINLEETS
		36.00 TO 38.00 m - ROCKS BECOMING MORE	2	36.00	38.00	- 17 VEINLETS AVG. 2-3 mm
		BLEACHED - LOSING BROWN COLOUR				- qtz + po + py + mo ± cpy
						- HAIRLINE py ± qtz not as PLENTIFUL
						AS LAST 2-2mm SECTIONS
		38.00 TO 40.00 m - ROCKS WEAKLY ARGILLIC	2	38.00	40.00	- 14 VEINLETS AVG. 1-2 mm
		ALTERED - ALTERATION APPEARS TO BE POST				- qtz + po + py + mo
		VEINLETS - VERY LIGHT TO GREY (BROWN)				- HAIRLINE py ± qtz VEINLETS BECOMING
						LESS FREQUENT
		40.00 TO 42.00 M ROCKS ARGILLIC ALTERED	2	40.00	42.00	- 9 VEINLETS AVG 1-2 mm up to 1.5 cm
		WEAKLY TO MODERATELY				- qtz, + py + po + mo
						- HAIRLINE py ± qtz STILL PRESENT BUT
						NOT FREQUENT
		42.00 - 44.00 m - ALSO A SOFT, WHITE	2	42.00	44.00	- 16 VEINLETS AVG 0.5 cm
		CLAY IN VEINLETS (Kaolin)				- qtz ± py ± po ± mo (in most)

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From m	To m	Description	Interval	From m	To m							
2,40 CONTINUED	88,50	42,00 TO 44.00 m - ROCK MODERATELY										
		ARGILLIC ALTERED - GREYISH TO WEAK BROWN										
		44,00 TO 46,00 m - MODERATE ARGILLIC	2	44,00	46.00	-9 VEINLETS - most ± 1mm - SEVERAL ± 1cm						
		ALTERATION - MASSES AND VEINLETS OF				-qtz ± PY ± po ± mo						
		WHITE / SOFT, CLAY - KAOLIN										
		- DSSM PY 2-3% @ 45.6 m 10% DSM PY										
		46,00 TO 48,00 m @ 46.3 m qtz + py + mo	2	46,00	48,00	-33 VEINLETS UP TO 6cm - AVG 1 CM						
		VEINLETS HAVE A STOCKWORKS APPEARANCES				-qtz + py ± po ± mo						
		WITH MULTIPLE CROSSCUTTING AGES				- SEVERAL COMPOUND VEINLETS						
		- CLAY VEINLETS + ARGILLIC ALTERATION OF ROCK										
		48,00 - 50,00 m @ 49.5 to 49.7 - qtz + py +	2	48,00	50,00	-9 LARGE VEINLETS AVG 5 CM						
		ARGILLIC ALTERED ROCK - MAY BE BROKEN				- qtz ± py ± mo ± cpy						
		UP VIENS OR A LARGE COMPOUND VEIN										
		- ROCK - GROUNDMASS quite moderate ARGILLIC										
		ALTERED - ROCK IS CRUMBLY										
		50,00 - 52,00 m @ 50.5 - 50.6 MAY BE COMPOUND	2	50,00	52,00	-10 VEINLETS AVG 1 CM						
		VEINLET - QTZ + PY + ARGILLIC ALTERED ROCKS				-qtz + py ± mo ± po VEINLETS AVG 1 CM						
		ROCKS VERY CRUMBLY GOUGE @ 50.9.				-						
		52,00 - 54,00 m @ 52.2 VEINLETS + MASSES	2	52,00	54,00	-9 VEINLETS AVG < 1 mm BUT ONE IS 3cm WIDE						
		OF KAOLIN - ROCK - MODERATE - STRONG ARGILLIC				- qtz ± py ± po ± mo						
		ALTERATION										
		54,00 - 56,00 m @ 54.2 m is 4 Cm OF	2	54,00	56,00	-16 VEINLETS AVG 2-3 mm						
		QTZ + po + py + cpy. - ROCKS MODERATE				- qtz + py ± mo ± po						
		ARGILLIC ALTERATION										
		56,00 - 58,00 m @ 56.6 SUDDEN CHANGE OF	2	56,00	58,00	-11 VEINLETS AVG 1 mm						
		COLOUR TO MEDIUM BROWN - THIS AREA CONTAINS				- qtz ± py						

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From m	To m	Description	Interval	From m	To m	
2.40	88.50	56.00-58.00 M - SEVERAL py ± qtz HAIRLINE				
CONTINUED		VEINLETS @ 56.5 m SLICKENSIDED PYRITE				
		MEDIUM BROWN SECTION - HAS OCCASSIONAL				
		BLEACHED AREAS - TENDS TO HAVE MORE				
		PY DSSM UP TO 15%				
		58.00-60.00 m ROCKS IS MEDIUM BROWN AND	2	58.00	60.00	- 17 VEINLETS - mostly UNDER 1 mm
		FADES TO A GREY @ 60 M. MOLYBENITE				- qtz + py ± po ± mo
		TEND TO LINE OUTSIDES OF SMALL VEINLETS				- FEW VEINLETS UP TO 5mm
		60.00-62.00 m MOLYBENITE DSSM AS HALO	2	60.00	62.00	- 13 VEINLETS AVG. ≤ 1 mm FEW VEINLETS 3mm
		AROUND ONE VEINLET @ 61.5 m				- qtz + py ± mo VEINLETS
		- ROCK GREY - ARGILLIC ALTERATION MODERATE				
		62.00-64.00 M - ROCKS VERY LIGHT GREYISH	2	62.00	64.00	- 14 VEINLETS
		BROWN - MODERATE - WEAK ARGILLIC				- qtz + py ± mo ± KAOLIN (RARE) AVG ≃ 1mm
						up to 1.5 cm
						- ± po ± cpy (tr.)
		64.00-66.00 M - ROCKS LIGHT GREYISH BROWN	2	64.00	66.00	- 15 VEINLETS AVG : 0.5 cm
		MODERATE TO WEAK ARGILLIC				- qtz + py + po + mo ± cpy ± KAOLIN
						- MILKLY WHITE QTZ VEINLETS
						- THESE ARE CUT BY YELLOWISH WHITE
						QTZ VEINLETS (HAVE INCLUSIONS OF
						MINERALIZED MILKLY QTZ
		66.00-68.00 M - ROCKS MODERATE TO WEAK	2	66.00	68.00	- 17 VEINLETS AVG 2 mm
		ARGILLIC - LIGHT GREYISH BROWN				- qtz + py ± po ± mo
						- CUT BY KAOLIN VEINLETS OCCASSIONALLY
						- SEVERAL HAIRLINE py ± qtz VEINLETS WITH
						PY ALONG HAIRLINE FRACTURES OUT FROM VEINLETS

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From m	To m	Description	Interval	From m	To m	
2,140	88,50	68,00 - 70,00 m - ROCK CHANGES FROM BROWNISH	2	68,00	70,00	- 7 VEINLETS - BLEACHED HALO AROUND SEVERAL
CONTINUED		@ 68,9 TO LIGHT GREY - MOD-WEAK ARGILLIC				- qtz ± po ± py
		ALTERATION - THOUGHOUT MOD-STRONG				
		ARGILLIC ZONE DSSM PY NOT AS NOTICEABLE				
		70,00 - 72,00 m - ROCK'S GROUNDMASS KAOLINIZED	2	70,00	72,00	- 15 VEINLETS AVG < 1 mm FEW UP TO 3 mm
		- MODERATE ARGILLIC ALTERATION - ROCK LIGHT GREY				- qtz ± po + py ± mo ± cpy ± KAOLIN
						- ALSO NUMEROUS HAIRLINE, KAOLIN VEINLETS
		72,00 - 74,00 m - ROCKS NOT AS ALTERED - WEAK	2	72,00	74,00	- 6 VEINLETS AVG 1 TO 2 mm
		TO MODERATE ARGILLIC - DSSM PY BECOMING				- qtz + py + po ± mo ± cpy
		MORE NOTICEABLE - UP TO 5-10 %				- NUMEROUS HAIRLINE TO 3 mm PY ± qtz
						VEINLETS - OFTEN HAVE PY GROWTH ALONG
						HAIRLINE FRACTURES OUT FROM MAIN VEINLETS
						(dendritic like)
		74,00 - 76,00 m - ROCKS GREENISH WITH A	2	74,00	76,00	- 29 VEINLETS AVG 2 mm, SEVERAL UP TO 2 cm
		FEW BROWNISH - GREY SPOTS THROUGH HORNFELS				- qtz + py ± mo ± cpy ± po
		THAT HAS NOT BEEN DESTROYED BY ARGILLIC				- LARGER VEINLETS APPEAR COMPOUND
		ALTERATION - HAIRLINE PY ± qtz VEINLET UP				- OFTEN BLEACHED HALOES FOR 3-5 mm ON
		TO 74,3 m				EITHER SIDE OF VEINLETS
						- FREQUENT HAIRLINE KAOLIN VEINLETS
		76,00 - 78,00 m ROCKS VERY LIGHT BROWN	2	76,00	78,00	- 23 VEINLETS AVG. 5 mm - SEVERAL COMPOUND
		GREYISH (STILL MORE GREY THAN BROWN)				- qtz + mo + py ± mo ± KAOLIN
						- ONE 7 cm WIDE
						- mo ALONG OUTSIDE + DSSM IN VEINLETS
						- mo ALSO ALONG DRY FRACTURES - MAINLY
						OUTWARDS FROM QTZ VEINLETS
						- KAOLIN VEINLETS LESS FREQUENT - HAIRLINE

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From m	To m	Description	Interval	From m	To m							
2140	89.50	78,00 - 80,00 m - FROM 78,9 TO 79,3 BRECCIAT-	2	78,00	80,00	- 19 VEINLETS AVG < 1 mm				a FEW UP TO 1 cm		
CONTINUED		- RATED ZONE OF QTZ, SOILS FRAGMENTS,				- qtz ± py ± mo ± po						
		KAOLIN ...				- qtz FRAGMENTS CONTAIN MO + PY						
		- BRECCIA ZONE LIGHT GREY										
		- ROCKS BECOMING BROWNISH										
		- ARGILLIC ALTERATION DOWN - WEAK										
		- SEVERAL LITHIC (ROUNDED) FRAGMENTS @ 78,2										
		- Also qtz ARENITE BUT FINE GRAINED	2	80,00	82,00	- 20 VEINLETS AVG. 1 mm BUT UP TO 3 cm						
		80,00 - 82,00 m - ROCKS - LIGHT TO MEDIUM BROWN				- qtz + po ± py ± mo ± cpy						
		- STILL SOME GREYNESS IN MATRIX										
		- GRAIN SIZE ≅ 0,5 mm (MEDIUM GRAIN SIZE)										
		- QTZ ± KAOLIN VEINLETS CUTS AND OFFSET										
		QTZ + PO ETC. VEINLETS										
		- VERY WEAK ARGILLIC ALTERATION	2	82,00	84,00	- 14 VEINLETS AVG. 1 mm						
		82,00 - 84,00 m - qtz - KAOLIN VEINLETS				- qtz + py ± mo ± po ± cpy						
		LESS FREQUENT ALTHOUGH STILL COMMON				- TWO COMPOUND VEINLETS ≅ 3.5 cm EACH						
		ROCK - MEDIUM GRAIN SIZE										
		LIGHT TO MEDIUM BROWN - AS PREVIOUS SECTION										
		MATRIX STILL A LITLE GREY - OCCASSIONAL										
		ROUNDED, FINE GRAINED QTZ - ARENITE LITHIC										
		FRAGMENTS										
		- OUTGROWTHS OF PY ALONG DRY FRACTURES										
		FROM VEINLETS										
		- ARGILLIC ALTERATION DEFINETELY BECOMES										
		WEAKER.										
		—										

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From m	To m	Description	Interval	From m	To m							
2.40	88.50	84.00 - 86.00 M - ROCK MEDIUM BROWN	2	84.00	86.00	- 5 VEINLETS						
CONTINUED		EXCEPT FOR OCCASSIONAL BLEACHED				- qtz ± po ± py ± mo AVG 1 mm						
		ZONES NEAR VEINLETS										
		- KAOLIN RESTRICTED TO HAIRLINE VEINLETS										
		COMMON + NUMEROUS										
		- YELLOWISH FELDSPAR IN MATRIX BECOMING										
		VISIBLE AGAIN 5% TO 10%										
		86.00 - 88.00 M - ROCKS GREYISH BROWN	2	86.00	88.00	- 10 VEINLETS			AVG <1 mm		4 > 1mm	
		KAOLIN VEINLETS LESS FREQUENT										
		88.00 - 88.50 M SEVERAL KAOLIN	.50	88.00	88.50	- 1 VEINLET 1 mm WIDE						
		HAIRLINE VEINLETS - MOTTLED GREYISH				- qtz ± po						
		BROWN DUE TO BLEACHING OF HORNFELS										
88.50	89.30	88.50 - 89.30 M GRADATIONAL BOUNDARIES	.80	88.50	89.30	- 1 VEINLET - AVG 5 mm THICKS						
		ZONE OF MIXED GRAPHITIC QTZ ARENITE				- QTZ ± py ± clot						
		AND SILTSTONE - BLACK				- SEVERAL PY ± qt HAIRLINE VEINLETS						
		- BANDS 60° TO CORE										
89.30	92.10	89.30 - 90.00 M - QTZ ARENITE - MIXED	.70	89.30	90.00	- 4 VEINLETS AVG 3 mm						
		FINE AND MEDIUM GRAINED LAYERS - 65° TO CORE				- qtz ± py						
		- MEDIUM BROWN										
		- NUMEROUS HAIRLINE KAOLIN VEINLETS 89.30 TO										
		89.50 m										
		90.00 - 92.00 M SPOTTY SECTIONS WITH	2	90.00	92.00	- 7 VEINLETS AVG 2 mm, up to 1 cm						
		NUMEROUS HAIRLINE KAOLIN VEINLETS				- qtz ± po ± py ± mo						
		- NOT COMMON - MEDIUM BROWN HORNFELS										
		- INTERBEDDED FINE AND MEDIUM GRAINED										
		QTZ ARENITE										

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From m	To m	Description	Interval	From m	To m							
89.30 CONTINUED	92.10	92.00-92.10 m ROCKS SMASHED 90-92 NO VEINLETS	0.10	92.00	92.10							
92.10	92.60	92.10 - 92.60 m BLACK SILTSTONE - DSSM PY 5% - FEW HAIRLINE QTZ VEINLETS - LOWER CONTACT VAGUE, SOMEWHAT GRADATIONAL OVER 1 CM - UPPER CONTACT SHARP 75° TO CORE	0.50	92.10	92.60							
92.60	116.50	92.60 - 94.00 m - INTERBEDDED MEDIUM GRAINED QTZ. ARENITE - DARK GREY TO LIGHT BROWN - POSSIBLE CROSS-BEDDING @ 93 m	1.40	92.60	94.00	- 5 VEINLETS AVG. 1 TO 10 mm WIDE - qtz + po ± py ± mo (tr)						
		94.00 - 96.00 m ROCKS MEDIUM GREY TO BROWN ROUNDED LITHIC/FINE-GRAINED FRAGMENTS COMMON (QTZ ARENITE)	2	94.00	96.00	- 4 VEINLETS AVG 4 mm - qtz ± po ± py ± mo (tr) - NUMEROUS HAIRLINE KAOLIN VEINLETS						
		96.00 - 98.00 m - GREY AND MEDIUM BROWN BANDING - AT VARIOUS ANGLES TO CORE - ONE GOOD POSSIBLE BEDDING @ 97.5 m of 70° TO CORE - GREY - TEND TO BE FINE GRAINED - BROWN - TEND TO BE MEDIUM GRAINED - NUMEROUS CLOT + KAOLIN HAIRLINE VEINLETS	2	96.00	98.00	- 5 VEINLETS AVG. 1 TO 3 mm WIDE - qtz + py + po + SERICITE (TR)						
		98.00 - 100.00 m - @ 98.65 TO 98.75 - 45% DSSM py + po - BLEACHING HALO AROUND VEINLETS - ROCK LIGHT - MEDIUM BROWN, SOME GREY AREAS - BOTH FINE + MEDIUM GRAINED ARE BROWN	2	98.00	100.00	- 4 VEINLETS - HAIRLINE TO 6 mm - qtz + py ± mo						

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From m	To m	Description	Interval	From m	To m	
92,60	116,50	100,00 - 102,00 m - NUMEROUS HAIRLINE clct	2	100,00	102,00	-16 VEINLETS HAIRLINE TO 2cm WIDE
CONTINUED		VEINLETS - LITHIC FRAGMENTS - ROUNDED, FINE				-qtz+py ± po ± mo ± py (tr)
		GRAINED - ROCKS MED. BROWN; SOME GREVISH				
		SECTIONS				
		102,00 - 104,00 m - ROCK MEDIUM BROWN	2	102,00	104,00	-9 VEINLETS VEINLET AVG 1 mm
						-qtz + po ± py ± cpy ± mo
		104,00 - 106,00 m - SECTION SOMEWHAT BROKEN	2	104,00	106,00	-5 VEINLETS VEINLETS 3-1mm
		UP - HAIRLINE clct - qtz VEINLETS				-qtz + py + po
		ROCK MEDIUM BROWN - OFTEN BRECCIA				-2 COMPOUND 1 TO 2cm
		APPEARANCE				
		106,00 - 108,00 m ROCKS MED. BROWN	2	106,00	108,00	-11 VEINLETS
		106 - 106,2 HAIRLINE clct - qtz VEINLETS				-qtz + py ± po ± mo (tr)
		COMMON				
		108,00 - 110,00 m ROCKS - MEDIUM BROWN	2	108,00	110,00	-11 VEINLETS MOST ≤ 1 mm
		MEDIUM AND FINE GRAINED QTZ ARENITE				-qtz + po ± py ± po ± mo = cpy
						-BLEACHING AROUND MOST VEINLETS
		110,00 - 112,00 m - ROCK MEDIUM BROWN	2	110,00	112,00	-9 VEINLETS AVG. 2 mm
		QTZ ARENITE - DSSM PY - 2-5%				-qtz + po ± mo ± py ± cpy
		112,00 - 114,00 m - BANDING 60° TO CORE	2	112,00	114,00	-11 VEINLETS AVG 2-4 mm
		- MEDIUM BROWN HORNFELS				-qtz + po + py ± mo
						-BLEACHING NEAR MANY VEINLETS
		114,00 - 116,00 m - ROCK MEDIUM BROWN	2	114,00	116,00	-7 VEINLETS AVG 0,5 cm
		WITH GREY BLEACHED ZONE MAINLY NEAR				- po + qtz ± py ± mo
		SOME VEINLETS				
		116,00 - 116,50 m - ROCK MEDIUM BROWN	,50	116,00	116,50	-2 VEINLETS
		WITH GREY BLEACHED				- qtz + po ± py AVG 0,5.

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From m	To m	Description	Interval	From m	To m	
116.50	117.70	116.50-117.70 m - BLACK SILTSTONE	1.20	116.50	117.70	- 5 VEINLETS
		- 2-5% DSSM PY				- qtz + po ± cpy (tr.) AVG 1 mm
		- 116.5 CONTACT SHARP 60° TO CORE				
		- 117.5 CONTACT IN AREA OF BROKEN CORE				
117.70	121.80	117.70 - 118.00 M - GREY - LIGHT BROWN QTZ	1.10	117.70	118.00	- 1 VEINLETS 8mm WIDE
		VEINLETS FINE GRAINED				- qtz + py + po + mo
		118.00 - 120.00 M - ROCKS MEDIUM HORNFELS	2	118.00	120.00	- 4 VEINLETS - 1-4 mm
		- MEDIUM BROWN TO GREY				- 3 HAIRLINE VEINLETS THIS ONE CONTAINS
		- KAOLIN ON HAIRLINE FRACTURES				CPY
						- qtz ± py ± po ± mo ± cpy (tr.)
		120.00 - 121.80 M - MEDIUM HORNFELS	1.80	120.00	121.80	- 11 VEINLETS HAIRLINE TO 2 cm
		@ 121.1 - 121.3 COMPOUND PY VEINLET MINOR				- qtz + py + po + mo ± cpy (tr.)
		QTZ				- BLEACHING NEAR SOME VEINLETS
121.80	122.00	121.80 - 122.00 M NO VEINLETS BLACK	.20	121.80	122.00	-
		SILTSTONE - WITH A FEW VERY SHORT SECTION				
		(3-4 cm) OF BROWN HORNFELS				
		DSSM PY 10%				
		122.00 - 124.00 M	.8	122.00	124.00	- 4 VEINLETS UP TO 2 cm
						- qtz + po ± py ± mo
						- WITH BLEACHED VEINLETS
		124.00 - 126.00 M - ROCKS BLACK SILTSTONE	2	124.00	126.00	4 VEINLETS AVG 3m WIDE
		WITH SHORT SECTIONS OF QTZ ARENITE				- qtz + po ± mo
		(WITH ROUNDED LITHIC FRAGMENTS OF				
		FINE GRAINS QTZ ARENITE				
		126.00 - 128.00 m - BLACK SILTSTONE	2	126.00	128.00	- 5 VEINLETS 3 HAIRLINE 2 - 1 - 1.5 cm
		- POSSIBLE MUOBALL FEATURE @ 126.4 m now qtz + py + po				- qtz + po ± py ± mo ± cpy (tr.)

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From m	To m	Description	Interval	From m	To m							
122.00	136.60	128.00 - 130.00m - 2 SHORT (4-5 cm) SECTIONS	2	128.00	130.00	- 4 VEINLETS AVG 3mm WIDE						
CONTINUED		OF MED. BROWN HORNFELS - DSSM py 5-10%				-qtz + po ± mo						
		INDIVIDUAL GRAINS UP TO 3 mm IN DIAMETER				- FEW clot HAIRLINE VEINLETS						
		130.00 - 132.00 M - BLACK SILTSTONE	2	130.00	132.00	- 2 VEINLETS HAIRLINE TO 1 - 3 mm WIDE						
		- BLEACHED HALO AROUND 3 mm VEINLET				- qtz + mo ± py						
		132.00 - 134.00 M - FEW SECTIONS OF MEDIUM	2	132.00	134.00	- 6 VEINLETS most < 1 mm ONE IS 1.5cm						
		HORNFELS - MEDIUM BROWN				- qtz ± mo ± py						
		134.00 - 136.00 m - INCREASING VOLUME OF	2	134.00	136.00	- 3 VEINLETS ALL HAIRLINE						
		SHORT SECTIONS OF BOTH HORNFELS - MEDIUM				- qtz + po ± cp (tr.)						
		BROWN @ 134.14 TO 135.27 qt + py - MAY BE										
		A VEINLET OR ALTERATION ZONE										
		- LOOKS LIKE HEAVY PY DESSIMINATION (30 - 50%)										
		IN A HORNFELSED QUARTZ ARENITE										
		136.00 - 136.60 M - BLACK SILTSTONE	.60	136.00	136.60	- 1 VEINLET 1 mm						
		- CONTACT GRADATIONAL				- qtz + po						
136.60	157.95	136.60 - 138.00 m - QUARTZ ARENITE - MEDIUM	.14	136.60	138.00	- 4 VEINLETS - 1 mm WIDE						
		BOTH HORNFELS - MEDIUM BROWN				- qtz ± py ± po						
		- FINE + MEDIUM GRAINED										
		@ 137.2 - 137.3 - q QTZ - PY - PO ALTERATION										
		FEATURE - COULD BE CONCRETION OR MUDBALL										
		TYPE FEATURE - ALSO SEVERAL HAIRLINE										
		PY VEINLETS										
		138.00 - 140.00 m - BLEACHED IN AREA	2	138.00	140.00	- 4 VEINLETS AVG 1 mm						
		OF VEINLETS - YELLOWISH FELDSPAR AGAIN				- qtz ± po ± py ± mo (tr.)						
		VISIBLE IN PLACE - END SECTION COLOUR GREENISH				- ONE COMPOUND 4cm WIDE						
		- BLACK - LITTLE BROWN HORNFELS COLOUR.										

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From m	To m	Description	Interval	From m	To m	
136.60 CONTINUED	157.95	140.00-142.00 - FROM 140.-140.9 - 40% DSSM PY + MINOR PO - GREY ROCKS (PROBABLY BLEACHED HORNFELS - FROM 141.70 TO 141.95 BLEACHE SECTION WITH NUMEROUS HAIRLINE QTZ VEINLETS - ROCK - HORNFELS WITH BLEACHED SECTIONS AND MINOR SECTIONS OF SILTSTONE	2	140.00	142.00	- 7 VEINLETS MOST HAIRLINE TO 1mm -qtz ±po ±py
		142.00-144.00m - ROCK BROKEN - IS BLEACHED HORNFELS WITH MEDIUM BROWN HORNFELS VISIBLE AS REMANENTS ESPECIALLY VISIBLE NEAR OF SECTION	2	142.00	144.00	-8 VEINLETS MOST 1mm, ONE 3.5 cm -qtz ±py ±po ±mo - NUMEROUS HAIRLINE QTZ VEINLETS
		-142.8-143.1 POSSIBLE FAULT - VERY BROWN ROCK AND GOUGE				
		144.00-146.00 m - ROCK HAS MOTTLED APPEARANCE DUE TO CREAM COLOURED ALTERATION OF HORNFELS WHICH REMAINS VISIBLE AS BLOTCHY AREAS - OCCASSIONAL LITHIC FRAGMENTS - ANGULAR MAKES SECTION APPEAR TO BE A ZONE OF DEFORMATION	2	144.00	146.00	2 VEINLETS 1mm WIDE -qtz +py - COUNTLESS HAIRLINE QTZ VEINLETS
		146.00-148.00m - 146.00-146.70 - MOTTLED APPEARANCE AS SECTION 144-146 - ROCK MODERATE TO STRONG HORNFELS - MODERATE TO STRONG REDDISH BROWN	2	146.00	148.00	- 10 VEINLETS AVG 2 mm UP TO 1 cm -qtz + po ±py ±mo - mo ON EDGES + DSSM IN ADJACTENT ROCKS FOR 1-2 mm
		148.00-150.00 m - REDDISH BROWN QTZ ARENITE MODERATE-STRONG HORNFELS - SLICKENSIDED PY @ 149.40 and 149.70 - A FEW HAIRLINE VEINLETS OF PALE BLUISH-GREEN MINERAL (ARBENITE)	2	148.00	150.00	- 5 VEINLETS AVG 1 mm ONE 4.5 cm -qtz + po ± py ±mo - also A FEW PY HAIRLINE VEINLETS

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From m	To m	Description	Interval	From m	To m							
136.60 CONTINUED	157.95	150,00 - 152,00 m - 151.4 - 151.8 - 2% DSSM PY +/- MINOR PO - GREYISH AREA	2	150,00	152,00	- 8 VEINLETS AVG 1 mm - qtz + po ± py						
		- ROCKS - MODERATE - STRONG HORNFELS										
		- FEW HAIRLINE VEINLETS OF KAOLIN + TRACE clot,										
		152,00 - 154,00 m - MODERATE HORNFELS	2	152,00	154,00	- 9 VEINLETS AVG. 1 mm OR LESS						
		SEVERAL SECTIONS WITH NUMEROUS HAIRLINE QTZ				- qtz + po ± py ± mo (tr.)						
		VEINLETS - TENDS TO BE BLEACHED GREY IN										
		THESE AREAS - ROCKS MED. TO FINE GRAINED										
		154,00 - 156,00 m - ROCK - MODERATE HORNFELS	2	154,00	156,00	- 13 VEINLETS AVG 1-2 mm UP TO 1.5 cm						
		AFTER 154.7 MOTTLED APPEARANCE DUE TO				- qtz ± po ± py ± mo						
		CREAM COLOURED BLEACHING NEAR HAIRLINE										
		QTZ VEINLETS - END OF SECTION ONLY A FEW										
		BLOTCHES OF BROWN HORNFELS ARE VISIBLE										
		- BUT LITTLE IN WAY OF QTZ HAIRLINE VEINLETS										
		IS ALTERATION OUT FROM DRY FRACTURES										
		156,00 - 157,95 m - ROCK HAS CREAM COLOURED	1.95	156,00	157.95	- 10 VEINLETS						
		ALTERATION - (SERICITE ?) LITTLE BROWN HORNFELS				- qtz ± po ± py ± mo VEINLETS						
		LEFT - SHORT BRECCIATED SECTION ON EITHER										
		SIDE OF 158 (157.95 - 158.05)										
157,95	158,05	157.95 - 158,05 BRECCIATED SECTION OF	.10	157.95	158,05							
		CREAM COLOURED ALTERATION OF BOTH HORNFELS										
		- ANGULAR FRAGMENTS										
158,05	159,95	158,05 - 159,95 - QTZ ARENITE - VERY FINE	1,90	158,05	159,95	- 4 VEINLETS AVG .1 mm						
		GRAINED - CREAM COLOURE ALTERATION MODERATE				- qtz + po ± py ± mo (tr.)						
		- STRONG BOTH HORNFELS - CREAM COLOUR										
		DISAPPEAR TOWARD END OF SECTION										

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Diamond Drill Record

Hole No. 81-Z

From m	To m	Description	Interval	From m	To m							
159.95 CONTINUED	273.50	159.95-160.90 QUARTZ ARENITE GRADATIONAL	.95	159.95	160.95							
		INTO BLACK SILTSTONE										
		NUMEROUS HAIRLINE QTZ + HAIRLINE PY VEINLETS										
		-CONTACT @ 160.9 - 50° TO CORE VERY SHARP										
		COULD BE FAULT										
		160.90-162.00 M QUARTZ ARENITE	1.1	160.90	162.00	-9 VEINLETS AVG 1 mm						
		-MEDIUM GRAINED + MODERATE-STRONG HORNFELS				-qtz + py ± po ± mo						
		CREAM COLOURED ALTERATION NEAR VEINLETS										
		NUMEROUS HAIRLINE QTZ VEINLETS										
		162.00-164.00 M -STRONG HORNFELS	2	162.00	164.00	-4 VEINLETS AVG 2 mm						
		-CREAM COLOURED ALTERATION NEAR VEINLETS				-qtz + py ± po ± mo (i NONE)						
		AND OUTWARD FROM DRY FRACTURES										
		164.00-166.00 M -STRONG HORNFELS - MOTTLED	2	164.00	166.00	-9 VEINLETS AVG 4 mm						
		APPEARANCE DUE TO STRENGTH OF CREAM COLOURED				-qtz + po + py ± mo						
		ALTERATION - CREAM COLOURED ALTERATION NEAR										
		VEINLETS AND OUT FROM DRY FRACTURES AND										
		HAIRLINE QTZ VEINLETS										
		-NUMEROUS QTZ VEINLETS (THESE QTZ VEINLETS										
		ARE OFF-WHITE TO TAN COLOURED										
		166.00-168.00 M - MOTTLED APPEARANCE DYING	2	166.00	168.00	-7 VEINLETS AVG ≤ 1 mm						
		OUT - QUARTZ ARENITE				-qtz ± py ± po ± cpy (RARE TRACE)						
		-MODERATE TO STRONG HORNFELS - MEDIUM BROWN				-ONE COMPOUND 3 cm WIDE						
		168.00-170.00 m - MODERATE-STRONG HORNFELS	2	168.00	170.00	-10 VEINLETS AVG LESS 1 mm OR LESS						
		-CUT MAIN QUARTZ VEINLETS - TEND TO BE				-qtz ± py ± po most only TRACES OF po+py						
		SHORT (TENSION GASHES)				- NUMEROUS HAIRLINE QTZ ± clc+ VEINLETS						

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From m	To m	Description	Interval	From m	To m							
159.95 CONTINUED	273.50	170.00 - 172.00 m - MODERATE STRONG HORNFELS	2	170.00	172.00	5 VEINLETS AVG 1 mm						
		-FROM 170.40 - 170.80 ZONE OF CRUSHED ROCK				-qtz ± po						
		WITH COMPOUND QTZ + PO + py VEINLETS				-PY = 15% ACROSS ZONE						
		@ 170.11 GOUGE - POSSIBLE FAULT										
		-FEW HAIRLINE QTZ VEINLETS										
		172.00 - 174.00 M - ROCK VERY UNIFORM MEDIUM	2	172.00	174.00	- 7 VEINLETS - 1 mm OR LESS						
		BROWN - MEDIUM - STRONG HORNFELS				-qtz + po ± py						
		-FINE GRAINED QTZ ARENITE										
		-OCCASSIONAL HAIRLINE QTZ VEINLETS (TAN COLOURED)										
		174.00 - 176.00 m - ROCK UNIFORM COLOUR AND	2	174.00	176.00	- 7 VEINLETS AVG 1 mm to 1 cm						
		HORNFELISING AS PREVIOUS SECTION				-qtz + po ± cpy (tr.)						
		-OCCASSIONAL CHLORITE ON FRACTURES										
		176.00 - 178.00 m - PY ONLY IN VEINLETS WHERE	2	176.00	178.00	- 11 VEINLETS AVG 1 mm						
		ROCK HAS GENERALLY BEEN PULVERIZED										
		-NOT IN GOOD WELL DEFINED VEINLETS										
		-ROCKS MEDIUM GRAINED, MODERATE HORNFELS										
		-OCCASIONAL PATCHES OF CREAM COLOURED										
		ALTERATION ASSOCIATED WITH SHORT SECTIONS										
		CONTAINING NUMEROUS HAIRLINE QTZ VEINLETS										
		(TAN COLOUR)										
		178.00 - 180.00 M - ROCK - MED TO FINE GRAINED	2	178.00	180.00	- 21 VEINLETS AVG 1-2 mm MANY HAVE						
		QUARTZ ARENITE - VARIOUS SHADES OF BROWN				IRREGULAR BOUNDARY AND APPEAR AS WIDE						
		-FINER GRAINED AREAS TEND TO BE LIGHTER				(1-2 cm) ZONES OF QTZ AND ROCK						
		BROWN				- qtz + po ± cp (tr.)						
		-GENERALLY MODERATE HORNFELS										

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From m	To m	Description	Interval	From m	To m	
159.95 CONTINUED	273.50	180.00 - 182.00 m - AS IN PREVIOUS SECTION MANY (ESPECIALLY) AT START OF THE SECTION ARE IRREGULAR - PATCHES OF QTZ + ROCK - ROCKS - MEDIUM GRAINED - QTZ ARENITE - MODERATE HORNFELS - SOME BLEACHING NEAR VEINLETS - VARIATIONS IN COLOUR RESTRICTED TO FIRST PORTION OF SECTION	2	180.00	182.00	- 26 VEINLETS AVG. 1-2 mm - UP TO 1 cm - qtz + ro ± cpy (tr) ± mo (IN 2 VEINLETS)
		182.00 - 184.00 m - ROCKS MED GRAINED - MED HORNFELS (MED = MEDIUM) - SOME BLEACHING NEAR VEINLETS - OCCASSIONAL QTZ - clot VEINLETS	2	182.00	184.00	- 19 VEINLETS - AVG 1 mm - qtz + ro ± py ± mo ± cpy (mo IN 4 VEINLETS
		184.00 - 186.00 - NUMEROUS TAN COLOURED QTZ VEINLETS HAIRLINE - FEW UP TO 2 mm - MODERN HORNFELS - MOTTLED APPEARANCE IN SECTIONS DUE TO LIGHT GREY ALTERATION (SERICITE) ESPECIALLY NEAR INTENSE ZONES OF HAIRLINE TAN QTZ VEINLETS	2	184.00	186.00	- 17 VEINLETS AVG. 1-2 mm - qtz ± ro ± py - OCCASSIONAL PATCHES OF IRREGULAR SHAPED qtz UP TO 2 cm WIDE - THESE CONTAIN SERICITE AND ROCK FRAGMENTS
		186.00 - 188.00 m - MODERATE HORNFELS - LIGHT BROWN NEAR IRREGULAR QTZ PATCHES ELSEWHERE MEDIUM BROWN) - ALSO QTZ - clot VEINLETS NOT COMMON	2	186.00	188.00	- 12 VEINLETS AVG. 1-2 mm - qtz + ro ± py ± mo ± cpy (tr.) - PLUS NUMEROUS PATCHES OF IRREGULAR SHAPED QTZ ± SERICITE ± ROCK FRAGMETS
		188.00 - 190.00 m - ROCKS - MEDIUM HORNFELS QTZ ARENITE - MEDIUM AND FINE GRAINED - PATCHES OF FINE - GRAINED - PROBABLY IRREGULAR FRAGMENTS	2	188.00	190.00	- 10 VEINLETS AVG 2 mm UP TO 1.5 cm - qtz ± ro ± py ± mo ± cpy - TRACE TO 3% DSMN PYRITE

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From m	To m	Description	Interval	From m	To m	
159.95 CONTINED	273.50	188.00 - 190.00 m - POSSIBLE BEDDING ∠65° TO CORE				
		190.00 - 192.00 m - ROCK - FAIRLY UNIFORM	2	190.00	192.00	- 14 VEINLETS AVG 1 mm OR LESS
		- HORNFELS WEAK TO MED.				- qtz + po ± py ± cpy
		- BEDDING 65° TO CORE - BETWEEN FINE AND				
		MEDIUM GRAINED QTZ ARENITE				
		- ROCK BECOMING SLIGHTLY GREEN - ESPECIALLY				
		VISIBLE ON FINER GRAINED QTZ ARENITE				
		192.00 - 194.00 m - WEAK HORNFELS - BECOMING	2	192.00	194.00	- 24 VEINLETS AVG 2 mm UP TO 1.5 cm
		SLIGHTLY STRONG TOWARDS END OF SECTION				- qtz + po ± py ± cpy ± mo ± SERICITE (IN ONE)
		- GREYISH BROWN - MEDIUM TO FINE GRAINED				VEINLET)
		QUARTZ ARENITE - FINER GRAINED AREAS LIGHTER				- 2-5% py BOTH DSSM AND IN HAIRLINE VEINLETS
		BROWN				
		194.00 - 196.00 m - MODERATE HORNFELS, WITH	2	194.00	196.00	- 15 VEINLETS UP TO 1.2 cm AVG. 2-3 mm
		PATCHES OF BLEACHING - MINOR SERICITE IN				- qtz + po ± mo ± py
		QTZ VEINLETS THAT ARE IRREGULAR AND				
		ASSOCIATED WITH NUMEROUS HAIRLINE QTZ ±				
		SERICITE ± clot - IN A FEW SHORT AREAS				
		196.00 - 198.00 m - MODERATE HORNFELS	2	196.00	198.00	- 12 VEINLETS AVG 1 mm
		QUARTZ ARENITES - FINE TO MEDIUM GRAINED				- qtz + po ± mo ± py
		- LITHIC SECTION 197.6 - 197.8 FRAGMENTS UP TO				- DSSM PY 2-3%
		3 cm - POSSIBLE BEDDING 75° TO CORE				
		- 197.00 - 197.60 - 10% YELLOWISH FELDSPARS IN				
		MEDIUM GRAINED QUARTZ ARENITE				
		- 198.00 - 200.00 m - MODERATE HORNFELS - SOME	2	198.00	200.00	- 25 VEINLETS - ONLY 4 GREATER THAN 1 mm
		BLEACHING NEAR VEINLETS - MAINLY FINE GRAINED				- qtz + po ± py ± mo (RARE TR.)
		QTZ ARENITE - BEDDING AS LITTLE AS 0.5 cm WIDE				- THESE CONTAIN A MINOR AMOUNT OF SERICITE

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From m	To m	Description	Interval	From m	To m							
159.95 CONTINUED	273.50	200.00 - 202.00 M - MODERATE HORNFELS - BLEACHED IN SHORT SECTIONS - NOT PARTICULARLY ASSOCIATED WITH VEINLETS - NUMEROUS HAIRLINE PY ± qtz VEINLETS - SERICITE VISIBLE IN BLEACHED AREAS - TENDS TO BE ASSOCIATED WITH VEINLETS	2	200.00	202.00	- 18 VEINLETS AVG. 3 mm WIDE - qtz + PO ± py ± mo (tr.)						
		202.00 - 204.00 m - SLICKENSIDED PY ALONG A FEW FRACTURES AND SIDES OF A VEINLET - MINOR SERICITE NOTED ALONG FRACTURES - SOMTIMES ASSOCIATED WITH QTZ - MODERATE HORNFELS	2	202.00	204.00	- 10 VEINLETS AVG. 1-2 mm - qtz ± PO ± py ± mo (tr.)						
		204.00 - 206.00 M - MODERATE HORNFELS FROM 204.10 TO 204.40 BLEACHED	2	204.00	206.00	- 17 VEINLETS AVG. 2 mm - qtz + PO ± py ± mo ± cp (tr.) - ONE IS PATCH OF IRREGULAR SHAPED (qtz + rock ± py ± po) 4 cm WIDE - PATCHES OF NUMEROUS HAIRLINE QTZ ± cb lot ± SERICITE VEINLETS						
		206.00 - 208.00 M - ROCK - MODERATE HORNFELS - FINE GRAINED QUARTZ ARENITE - TRACES OF DSSM PYRITE	2	206.00	208.00	- 12 VEINLETS AVG. 1 mm or LESS - qtz + po ± py ± cp (tr) ± mo (IN ONE VEIN)						
		208.00 - 210.00 m - BANDING (BEDDING) 60° TO CORE - FINE AND MEDIUM GRAINED QUARTZ ARENITE - TRACES OF DSSM, PY + PO - CONGRETION LIKE MASS OF PO @ 209.9 - MINOR BLEACHING - SPOTTY IN SECTION	2	208.00	210.00	- 15 VEINLETS AVG ≤ 1 mm FEW + 0.5 cm - qtz + PO ± py ± cpy (tr.) ± mo, (tr.) - ± SERICITE IN A FEW VEINLETS						
		210.00 m - 212.00 m - WEAK HORNFELS (POSSIBLY UP TO MODERATE HORNFELS)	2	210.00	212.00	- 12 VEINLETS - MOST HAIRLINE WIDTH - ONE 0.5 cm - qtz + PO ± py ± cpy (tr)						

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From m	To m	Description	Interval	From m	To m	
159.95 CONTINUED	273.50	210.00 - 212.00 m - MIXTURE OF FINE + MEDIUM GRAINED QUARTZ ARENITES				
		-BEDDING AS THIN AS 2 mm - 60° TO CORE				
		-10-15% FELDSPAR + 2% DSSM PY COARSER FRACTIONS				
		-GREYISH BROWN - mo (tr.)				
		212.00 - 214.00 m - SECTION IS GREYISH BROWN	2	212.00	214.00	- 15 VEINLETS AVG 1-2 m
		- IS ATLERED OF MODERATE HORNFELS				- qtz + py ± cpy (tr.)
		- GREY COLOUR SPREADS OUT FROM VEINLETS				
		+ DRY FRACTURES				
		- 5% + DSSM PY				
		214.00 - 216.00 M - MODERATE HORNFELS	2	214.00	216.0	- 22 VEINLETS AVG 1-2 mm
		- MAINLY FINE GRAINED QTZ ARENITE WITH 2% FINE				- qtz + po ± mo (tr.) ± cpy (RARE TR.)
		- GRAINED PY				
		216.00 - 218.00 M - MODERATE HORNFELS	2	216.00	218.00	- 22 VEINLETS AVG 1.1-2 mm
		- MAINLY MEDIUM GRAINE QUARTZ ARENITE				- qtz + po ± mo (tr.) ± cpy (tr.)
		- BEDDING 65° TO CORE				- 2% DSSM PY
		218.00 - 220.00 M - WEAK TO MODERATE HORNFELS	2	218.00	220.00	- 13 VEINLETS AVG 2-3 mm
		- MATRIX OF FINE + MEDIUM GRAINED, POSSIBLY				- qtz + po ± py ± mo (tr.)
		SLIGHTLY MORE FINE GRAINED UNITS				- ALSO SEVERAL SHORT FRACTURES SECTIONS
		- QUARTZ ARENITES				OF IRREGULAR SHAPED QTZ + PO + ROCK
						FRAGMENTS ASSOCIATED WITH A LIGHTER
						BROWN COLOUR
		220.00 - 222.00 m - WEAK TO MODERATE HORNFELS	2	220.00	222.00	- 13 VEINLETS
		- INTERBEDDED FINE + MEDIUM GRAINED QTZ ARENITE				- QTZ + PO ± PY ± MO AVG 1 mm
		- GREYISH BROWN WITH LIGHT BROWN SECTIONS				- DSSM PY 2% - 10%

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From m	To m	Description	Interval	From m	To m							
159.95 CONTINUED	273.50	222.00-224.00 m - WEAK HORNFELS	2	222.00	224.00	-19 VEINLETS AVG 1 mm						
		-CORE SURFACE GREYISH BROWN, SPLIT SURFACE				-qtz + PO ± Cp ± py ± RARE mo						
		DARKER BROWN										
		- NUMEROUS HAIRLINE, BROKEN-UP CLEAR										
		-QTZ VEINLET ± c/ct										
		-ALSO PATCHES OF IRREGULAR SHAPED QUARTZ										
		AND LIGHT BROWN FOLIATED ROCKS										
		224.00-226.00 m PY TENDED TO SEGREGATED	2	224.00	226.00	-9 VEINLETS AVG 3 mm UP TO 1 cm						
		INTO PY ± qtz VEINLETS UP TO 2 mm WIDE				- PO + qtz ± py ± mo ± Cpy						
		- 224.5 - 224.9 - CRUMBLY, FOLIATED, LIGHT BROWN				-DSSm PY 0-2%						
		-PREDOMINANTLY FINE GRAINED QUARTZ ARENITE										
		-BANDING 70° TO CORE										
		226.00 - 228.00 m - MODERATE HORNFELS	2	226.00	228.00	-10 VEINLETS AVG 2-3 mm						
		-SLIGHTLY BLEACHED ESPECIALLY NEAR NUMEROUS				- qtz + PO ± py ± Cpy ± mo						
		HAIRLINE QUARTZ + PYRITE VEINLETS				-SEVERAL PY ± qtz VEINLETS UP TO 2mm						
		-ROCKS MOSTLY FINE GRAINED QUARTZ ARENITE				-ALSO A FEW SECTIONS (2-3cm WIDE)						
						OF QTZ + PY + FOLIATED ROCK						
		228.00 - 230.00 m MODERATE HORNFELS	2	228.00	230.00	-19 VEINLETS AVG 1 mm HAIRLINE TO 1.5cm						
		@ 128.9 - 129.6 - MOTTLED APPEARANCE - CREAM				- qtz + PO ± py ± mo						
		COLOURED ALTERATION, ABUNDANT QTZ + PO										
		VEINLETS										
		-MAINLY FINE GRAINED QTZ ARENITE										
		230.00-232.00 m ALSO NUMEROUS HAIRLINE	2	230.00	232.00	-16 VEINLETS AVG 1-2 mm						
		TO 1 mm, BROKEN-UP, QTZ, VEINLETS CLCT				- qtz + PO ± py ± mo ± Cpy						
		FROM 230.20 - 231.9 CORE CRUMBLY AND										
		SLIPPERY										

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From m	To m	Description	Interval	From m	To m							
154.95 CONTINUED	273.50	230.00 - 232.00 m MOTTLED APPEARANCE - ALTERATION OF HORNFELS - PROBABLY WAS MODERATE HORNFELS										
		232.00 - 234.00 m - FROM 232.5 - 233.40 SECTION CRUMBY NUMEROUS BROKEN-UP VEINLETS - MODERATE HORNFELS - MAINLY FINE GRAINED QUARTZ ARENITE - LITHIC FRAGMENTS 2334 - 234.00	2	232.00	234.00	- 17 VEINLETS AVG 1mm - LESS - qtz + po ± py ± mo - 0-2% DSSM PY						
		234.00 - 236.00 m - MODERATE HORNFELS - BCOMING LIGHTER BROWN TOWARDS END OF SECTION - FINE GRAINED FOR MOST PART - 234.00 - 234.45 SECTION CRUMBLY, NUMEROUS BROKEN - UP VEINLETS	2	234.00	236.00	- 16 VEINLETS MOSTLY HAIRLINE TO 1mm - qtz - po ± py ± mo						
		236.00 - 238.00 m - 236.51 - 236.67 - FAULT GOUGE 45° TO CORE @ 236.67 - 1.5 cm qtz + po + mo VEINLETS - WEAK - MOD HORNFELS - LIGHT BROWN TO GREYISH - BROWN BEDDING 65° TO CORE	2	236.00	238.00	- 9 VEINLETS AVG 1 - 2 mm - qtz + po + mo ± py ± cp - BEST mo SECTION IN QUARTZ - 0-2% DSSM PY - FINE GRAINED						
		238.00 - 240.00 m - mo ABOUT SAME AS LAST SECTION; Cpy HIGHER - WEAK MODERATE HORNFELS - FINE GRAINED > MEDIUM GRAINE QTZ ARENITE - DSSM PY - VARIABLE 0-10%	2	238.00	240.00	- 15 VEINLETS HAIRLINE TO 1mm ON AVG ONE 1.5 cm - qtz + py ± mo ± py ± Cp						
		240.00 - 242.00 m - FINE GRAINED QTZ ARENITE - WEAK - MODERATE HORNFELS - 3 PATCHES OF GRGY BLEACHED - UP TO 1.4 cm WIDE	2	240.00	242.00	- 10 VEINLETS AVG 1mm OR LESS - qtz + po ± py ± mo						

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From m	To m	Description	Interval	From m	To m							
159.95 CONTINUED	273.50	240.00 - 242.00 m - CONTAIN QTZ - PO BANDING 75° TO CORE										
		2-3% YELLOWISH FELDSPARS OCCASSIONALLY VISIBLE										
		242.00 - 244.00 m - FINE GRAINED QTZ ARENITES	2	242.00	244.00	- 12 VEINLETS - HAIRLINE TO 1mm ON AVG,						
		- BECOMING PROGRESSIVELY GREYER TOWARDS				- qtz + PO ± mo ± cpy						
		END OF SECTION - WEAK HORNFELS				- UP TO 1cm						
		244.00 - 246.00 - WEAK HORNFELS - MUCH	2	244.00	246.00	- 6 VEINLETS 4 HAIRLINE TO 0.5mm						
		MORE GREY THAN BROWN COLOUR				- qtz ± PO, ONE - 1 mm qtz; PO + cpy (tr.)						
		- FINE GRAINED QTZ ARENITE - OCCASSIONAL				ONE 3mm qtz + PO + mo						
		AROUND LITHIC FRAGMENTS OF QTZ ARENITE										
		246.00 - 248.00 m - ON CORE SURFACE LOOKING	2	246.00	248.00	- 9 VEINLETS - ALL HAIRLINE TO 1mm						
		VERY WEAK HORNFELS - GREY - ON SPLIT				- qtz + PO ± mo (RARE TR.						
		SURFACE - WEAK BROWN COLOUR - WEAK HORNFELS										
		INCREASING SILT CONTENT										
		- NO - WELL - DEFINED CONTACT - IS NOW ARENACEOUS										
		SILTSTONE - MOSTLY LIKELY DIVIDING POINT										
		@ 245.00										
		248.00 - 250.00 m - BANDED GRAPHITIC SILTSTONE	2	248.00	250.00	- 11 VEINLETS - HAIRLINE TO 1mm, ONE 3mm WIDE						
		WITH MINOR ARENITE - NO HORNFELS VISIBLE				- qtz + PO						
		ON CORE SURFACE - BLACK, BLACKISH GREY				- BANDED						
		IN QTZ ARENITE SECTIONS										
		250.00 - 252.00 m - BLACK WITH FEW GREY	2	250.00	252.00	- 10 VEINLETS - MOST HAIRLINE - 3 - UP to 1cm						
		SECTIONS - GRAPHITIC SILTSTONE WITH VERY				- qtz + PO ± py ± cpy (tr.)						
		MINOR QTZ ARENITE				- py IN THESE 3 VEINLETS						
						- 055m PY - 0 - 10%, AVG < 1%						

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From m	To m	Description	Interval	From m	To m							
159.95 CONTINUED	273.50	252.00 - 254.00 m - BLACK GRAPHITIC SILTSTONE	2	252.00	254.00	- 6 VEINLETS HAIRLINE TO 2 mm						
		< 1% DSSM PY				- qtz + po ± py VEINLETS						
		254.00 - 256.00 m - ALSO NUMEROUS	2	254.00	256.00	- 2 VEINLETS - 1 mm WIDE						
		QTZ + clot (? DOLOMITE) VEINLETS - ALL BROKEN				- qtz + po						
		- UP (STARTS @ 253.90 TO 256.40)										
		- SECTION HAS NUMEROUS SLICKENSIDED SURFACES										
		- GRAPHITIC SILTSTONE = ≈ 1% DSSM PY AS										
		PATCHES UP TO 0.5 mm										
		256.00 - 258.00 m - ALSO common - HAIRLINE	2	256.00	258.00	- 4 VEINLETS HAIRLINE TO 1 mm						
		PY VEINLETS - GRAPHITIC SILTSTONE AS LAST				- qtz + po + py VEINLETS						
		SECTION ≈ 1% OR LESS DSSM PY PATCHES										
		UP TO 0.5 mm - FEW BANDS OF GREY QTZ,										
		ARENITE - 70° TO CORE										
		258.00 - 260.00 m, - 40% AT ARENITE,	2	258.00	260.00	- 5 VEINLETS UP TO 1 mm						
		60% GRAPHITIC SILTSTONE				- qtz + po ± py						
		- QUART ARENITE - MODERATE TO WEAK HORNFELS				- NUMEROUS TAN COLOURED QTZ VEINLETS						
		SOME EVIDENCE BUT MAINLY YELLOWISH GREY				UP TO 0.5 cm						
		ALTERATION OF HORNFELS - SILTSTONE										
		BLACK, NO VISIBLE HORNFELS										
		- ONE OBVIOUS CONTACT WITH QUARTZ VEINLET										
		ALONG - 60% TO CORE										
		- SLICKENSIDED FRACTURE SURFACES VISIBLE										
		BUT NOT AS PREVIOUS SECTIONS										
		260.00 - 262.00 m - 30% QUARTZ ARENITE, 70%	2	260.00	262.00	- 4 VEINLETS - 2 ARE ZONES OF QTZ + PY + ROCK						
		GRAPHITIC SILTSTONE - CORE BROKEN - UP FROM				- qtz ± po ± py - IN SEVERAL 4-8 cm SECTIONS						
		261.50 TO 261.80 - GOUGE @ 261.50 FAULT				- NUMEROUS HAIRLINE TO 1 mm TAN COLOURED QTZ						

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From m	To m	Description	Interval	From m	To m	
159.95	273.50	262.00 - 264.00 m - BLACK SILTSTONE	2	262.00	264.00	- 10 VEINLETS ≤ 1 mm EXCEPT 3
CONTINUED		-15% LIGHT GREY QTZ ARENITE - RESTRICTED				- qtz + po ± py
		TO FIRST 0.3 m OF SECTIONS				
		-85% GRAPHITIC, BLACK SILTSTONE				
		- NUMEROUS HAIRLINE TAN COLOURED QTZ VEINLETS				
		IN QTZ ARENITE SECTION - FEW QTZ ± clot				
		VEINLETS IN GRAPHITIC SILTSTONE SECTION				
		264.00 - 266.00 m - GRAPHITIC SILTSTONE	2	264.00	266.00	- 16 VEINLETS AVG. 1 mm - HAIRLINE TO 1 CM
		- VERY LITTLE INTERBEDDED QTZ ARENITE				
		- BEDDING 60° TO CORE - OCCASSIONAL SHORT				
		SECTIONS 5% DSEM PY.				
		266.00 - 268.00 M - GRAPHITIC, BLACK SILTSTONE	2	266.00	268.00	- 7 VEINLETS AVG ≤ 1 mm
		- FEW SHORT SECTIONS MIXED WITH QTZ ARENITE				- qtz + po ± SERICITE
		- BEDDING 55° TO CORE				
		- SERICITE IS CHLORITIZED				
		268.00 - 270.00 M - BLACK GRAPHITIC SILTSTONE	2	268.00	270.00	- 5 VEINLETS AVG ≤ 1 mm
		WITH FEW INTERBEDDED OF MIXED QTZ ARENITE -				
		SILTSTONE				
		272.00 - 273.50 m - GRAPHITIC SILTSTONE WITH	1.5	272.00	273.50	- 7 VEINLETS HAIRLINE TO 1 CM
		MINOR INTERBEDDED MIXED QTZ ARENITE				- qtz + po ± py
		- BEDDING 50° TO CORE - OFTE SHARP BUT				
		IRREGULAR CONTACT				
273.50	280.60	273.50 - 274.00 m - QUART ARENITE (DIRTY	0.50	273.50	274.00	- 2 VEINLETS
		- CONTACT 70° TO CORE - WEAK - MODERATE HORNFELS				- QTZ + PO + PY ± MO (tr.)
		274.00 - 276.00 m - QUARTZ ARENITE WITH SHORT	2	274.00	276.00	- 8 VEINLETS AVG ≤ 1 mm
		SECTIONS BLACK GRAPHITIC SILTSTONE				- qtz + po + py ± mo (tr.) (mo IN ONE VEINLETS)

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From m	To m	Description	Interval	From m	To m							
273.50 CONTINUED	280.60	274.00 - 276.00 m CONTINUED - WEAK HORNFELS - STRONGER AS HALOS AROUND SOME VEINLETS - ESPECIALLY ONE WITH MO.										
		276.00 - 278.00 m - WEAK TO MODERATE HORNFELS QUARTZ ARENITE - MOTTLED APPEARANCE - HORNFELS (BROWN) BETTER DEVELOPED NEAR SOME VEINLETS WHILE APPEARS BLEACHED AWAY NEAR SOME HAIRLINE PY VEINLETS	2	276.00	278.00	- 9 VEINLETS - qtz + po ± py ± mo (tr.)						
		278.00 - 280.00 m - QUARTZ ARENITE WITH VERY MINOR GRAPHITIC SILTSTONE - WEAK HORNFELS	2	278.00	280.00	- 9 VEINLETS AVG ≤ 1 mm - qtz ± po ± py						
		280.00 - 280.60 m QUARTZ ARENITE - WEAK HORNFELS - CONTACT @ 280.60 - 40° TO CORE - VEINLET ALONG CONTACT	.60	280.00	280.60	- 4 VEINLETS AVG 1 mm - qtz + po + py + SERICITE (CHLORITIZED)						
280.60	313.10	280.60 - 282.00 m - GRAPHITIC BLACK SILTSTONE WITH MINOR INTERBEDDED + MIXED QTZ ARENITE	1.40	280.60	282.00	- 12 VEINLETS AVG. 1 mm - qtz + py + po - 5% DSSm PY + TR. DSSm PO						
		282.00 - 284.00 m BLACK GRAPHITIC SILTSTONE - OCCASSIONAL QTZ ARENITE PEBBLES UP TO 0.8 cm - ROUNDED OFTEN ALTERED WITH PO ADDED - QTZ + clct VEINLETS - OCCASIONAL - HAIRLINE	2	282.00	284.00	- 6 VEINLETS AVG ≤ 1 mm - qtz + po ± py - 10 % DSSm PY						
		284.00 - 286.00 m - BLACK GRAPHITIC SILTSTONE - SEVERAL SECTIONS WITH ABUNDANT PEBBLES OF QTZ - ARENITE	2	284.00	286.00	- 3 VEINLETS AVG 1 mm - qtz + po + py						

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From m	To m	Description	Interval	From m	To m	
280.60	313.10	286.00 - 288.00 m - BLACK GRAPHITIC SILTSTONE	2	286.00	288.00	- 1 VEINLET 1 mm WIDE
CONTINUED		- WHOLE SECTION IS HIGHLY SHEARED				- qtz + py + dol
		- FROM 286.70 TO 287.50 IS PULVERIZED - FAULT				
		WITH EXTENSIVE SHEARED SECTION ON EACH				
		SIDE OF THE FAULT				
		288.00 - 290.00 m BLACK GRAPHITIC SILTSTONE	2	288.00	290.00	- 4 VEINLETS AVG 1 mm ALL ARE FOLDED
		- HIGHLY SHEARED SECTION EXTENDS TO 288.10				- qtz + po + py
		- MINOR SHORT SECTION OF QTZ ARENITE				- 10% DSSM PY
		- BEDDING 50° TO CORE				
		- ALSO FEW PEBBLES OF QTZ ARENITE				
		USUALLY RECTANGULAR TO OVAL WITH ROUNDED				
		CORNERS - UP TO 2 cm				
		290.00 - 292.00 m - BLACK GRAPHITIC SILTSTONE	2	290.00	292.00	- 6 VEINLETS AVG 3 mm
		- 10% DSSM PY - ALSO PY IN SHORT (TENSION?)				- qtz + po + py
		GASHES				
		- FEW SILICEOUS PATCHES WITH 50% PO - POSSIBL				
		QTZ - ARENITE FRAGMENTS				
		292.00 - 294.00 m - BLACK GRAPHITIC SILTSTONE	2	292.00	294.00	- 3 VEINLET ≤ 1 mm
		- OCCASSIONAL QTZ ARENITE INTERBEDDED WITH				- 10% DSSM PY
		LITHIC FRAGMENTS OF GRAPHITIC SILTSTONE				
		294.00 - 296.00 M - OCCASSIONAL PY HAIRLINE VEINLETS	2	294.00	296.00	- 5 VEINLETS - HAIRLINE VEINLETS
		- 5 - 10% DSSM PY				- qtz + po + py ± clct
		- INCREASING ARENITE CONTENT - NOT AS				
		DESCRETE BEDS BUT AS MIXTURE WITH SILTSTONE				
		296.00 - 298.00 M - BLACK GRAPHITIHIC SILTSTONE	2	296.00	298.00	- 7 VEINLETS 5 ARE HAIRLINE TO 1 mm
		WITH MORE QTZ ARENITE				- 2 ARE 1 cm WIDE

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From m	To m	Description	Interval	From m	To m	
256.60 CONTINUED	313.10	296.00 - 298.00 m - FEW SILICEOUS PATCHES				- 1 cm WIDE VEINLETS CONTAIN ROCK
		WITH 50% PO (POSSIBLY QTZ ARENITE FRAGMENTS)				FRAGMENTS
		- TEND TO BE ROUNDED OR OBLONG WITH ROUNDED				- 2-5% DSSM PY
		CORNERS				- qtz + py ± po ± calcite (tr.)
		298.00 - 300.00 m - GRAPHITIC BLACK SILTSTONE	2	298.00	300.00	- 9 - VEINLETS HAIRLINE VEINLETS
		- FEW SILICEOUS PATCHES WITH 50% PO				- QTZ + py ± po
		- VERY MINOR QTZ ARENITE MIXED WITH SILTSTONE				- 5% DSSM PY
		300.00 - 302.00 m - BLACK GRAPHITIC SILTSTONE	2	300.00	302.00	- 5 VEINLETS - HAIRLINE VEINLETS
		- FEW SILICEOUS PATCHES WITH 50% PO				- qtz + py ± po
		- MINOR QTZ ARENITE - AS SWIRLS IN SILTSTONE				- 5% DSSM PY
		- NOT AS BEDS				
		NO CORE @ 301.4 m				
		302.00 - 304.00 - qtz ± calcite IN (TENSION)	2	302.00	304.00	- 4 VEINLETS - HAIRLINE
		GASHES - BLACK GRAPHITIC SILTSTONE				- qtz + po + py
		- 0-2% DSSM PY				
		- OCCASSIONAL PO ON HAIRLINE FRACTURES				
		304.00 - 306.00 m - BLACK GRAPHITIC SILTSTONE	2	304.00	306.00	- 9 VEINLETS HAIRLINE
		2-5% DSSM PY				- qtz + po ± py
		- FEW QTZ FILLED TENSION GASHES				
		306.00 - 309.00 m - 70% GRAPHITIC SILTSTONE	2	306.00	309.00	- 10 VEINLETS HAIRLINE TO 1mm VEINLETS
		- 30% QUARTZ ARENITE - GREY - IRREGULAR				- qtz + po ± py
		CONTACT - MORE SWIRLS + INTERBEDDED				
		- FEW QTZ ± calcite ± CHLORIDE IN TENSION GASHES				
		309.00 - 310.00 m - BLACK GRAPHITIC SILTSTONE	2	309.00	310.00	- 8 VEINLETS HAIRLINE TO 1mm VEINLETS
		WITH MINOR SWIRLS OF ARENITE - 0-5% DSSM PY				- qtz + po + py
		- FEW HAIRLINE FRACTURES WITH PY SMEARS				- 2-1 cm WIDE ZONE OF QTZ+PY + ROCK FRAGMENTS

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From m	To m	Description	Interval	From m	To m							
280.60 CONTINUED	313.10	310.00 - 312.00 m - BLACK GRAPHITIC SILTSTONE - INCREASING QTZ ARENITE CONTENT - MAINLY AS A MIXTURE AND AS SEPERATE SWIRLS	2	310.00	312.00	- 6 VEINLETS HAIRLINE - qtz + po + py						
		312.00 - 313.10 m - LARGER ONES CONTAIN ROCK FRAGMENTS + CHLORIDE - QUITE SHEARED - QTZ IN TENSION GASHES COMMON - @ 313.10 IS CHANGE OVER FROM PREDOMINANTLY GRAPHITIC SILTSTONE TO PREDOMINANTLY QUARTZ ARENITE - UP TO 313.10 - GRAPHITIC SILTSTONE WITH MINOR QTZ ARENITE	1.10	312.00	313.10	- 5 VEINLETS HAIRLINE TO 1 mm ON AVG. - qtz + py + po (2 LARGER)						
313.10	313.50	313.10 - 314.00 m - GREY QUARTZ ARENITE WITH 25% GRAPHITIC SILTSTONE AS SWIRL AND ODD SHAPED PATCHES	0.90	313.10	314.00	- 3 VEINLETS AVG ≤ 1 mm - qtz + po ± py - < 2% DSS m. PY						
		314.00 - 316.00 m - GREY QUARTZ ARENITE - MINOR CLASTS AND CALCITE IN SOME VEINLETS - NO HORNFELS - VISIBLE ON CORE SURFACE - WHEN SPLIT APPEARS WEAKLY HORNFELSED - clct ± qtz + ROCK FRAGMENTS VEINLETS 2 mm WIDE - TRACES DSEM PY - GROUNDMASS VERY WEAKLY CHLORITIZED	2	314.00	316.00	- 13 VEINLETS < HAIRLINE TO 1 mm - qtz + py ± po						
		316.00 - 318.00 m - GREY QUARTZ ARENITE - MINOR CLASTS + CLCT IN SOME VEINLETS - NO HORNFELS - VISIBLE ON CORE SURFACE - WHEN SPLIT APPEARS WEAKLY HORNFELSED	2	316.00	318.00	- 19 VEINLETS HAIRLINE TO 1 mm - qtz + po + py ± cpy (tr.) ± clct						

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From m	To m	Description	Interval	From m	To m							
313.10 CONTINUED	318.50	316.00 - 318.00 m - ALSO LARGE NUMBER OF HAIRLINE QUARTZ TENSION GASH FILLINGS -THIN BLEACHED HALOS AROUND SOME VEINLETS										
		318.00 - 318.50 m - QUARTZ ARENITE -CONTACT @ 318.50 - 40° TO CORE -MINOR clot ON FRACTURES	0.50	318.00	318.50	- 4 VEINLETS AVG ≤ 1 mm -qtz + po + py						
318.50	324.90	318.50 - 320.00 m - BLACK GRAPHITIC SILTSTONE - HIGHLY SHEARED FOR FIRST 0.5 m -NEAR END OF SECTIONAL MIXED WITH SWIRLS OF GRAPHITIC QTZ ARENITE -VERY MINOR clot ON FRACTURES	1.50	318.50	320.00	- 7 VEINLETS HAIRLINE TO 1 mm -qtz + py + po						
		320.00 - 322.00 m - ROCKS GRAPHITIC QTZ ARENITE WITH VERY MINOR GRAPHITIC SILTSTONE -TRACES DISSM PY -GREY - WITH DARK GREY TO BLACK WHERE SILTSTONE	2	320.00	322.00	-12 VEINLETS MOST HAIRLINE TO 4 mm -qtz + po + py						
		322.00 - 324.00 - GRAPHITIC QUARTZ ARENITE WITH FRAGMENTS AND SWIRLS OF GRAPHITIC SILTSTONE	2	322.00	324.00	-14 VEINLETS AVG 1 mm -qtz ± py ± po -CHLORINE IN MANY VEINLETS						
		324.00 - 324.90 - GRAPHITIC QUARTZ ARENITE WITH SWIRLS OF GRAPHITIC SILTSTONE LAST 0.3 m SHEARED AND BROKEN UP; UP FREQUENT SLICKENSIDED SURFACES THE END.	.90	324.00	324.90	-6 VEINLETS AVG < 1 mm -qtz ± py ± po ± clot						

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Diamond Drill Record

Location: 24350 East 25130 North			Hole No. 81-3
Azimuth: 75°	Dips - collar 60 °	Contractor: G & D Diamond Drilling Ltd	Property: Surprise Creek Option
Elevation: 1505m	-106.7m 60 °	Logged By: M. Holtby	Claim No. Prise
Length: 213.4m	-213.4m 59 °	Date: September 1981	Section No.
Core Size: 0-213.4m BQ	- m °		Started: July 30, 1981
Purpose: TO TEST EASTWARD EXTENSIONS OF MINERALIZATION AND HORNFELS			Completed: August 1, 1981

From m	To m	Description	Sample No.	From m	To m	
		No casing				
0	140.50	0.00 - 2.00 - moderate hornfels of quartz arenite.	2	0.00	2.00	- 3 veinlets - all < 1mm
		- also frequent quartz ± calcite hair-line veinlets near end of section.				- qtz ± clot ± py - 0-3% dissm. py.
		2.00 - 4.00 - numerous hairline quartz and calcite hairline to 0.5mm veinlets.	2	2.00	4.00	- 2 veinlets - avg 2mm
		- moderate hornfels of quartz arenite.				- qtz + po
		- fine grained.				
		4.00 - 6.00 - moderate hornfels	2	4.00	6.00	- 2 veinlets - avg 1mm
		- mainly fine grained quartz arenite, minor medium grained quartz arenite.				- qtz + po - dissm. py. uncommon
		- large number of hairline quartz ± calcite veinlets.				
		- bedding (?) 30° to core.				
		6.00 - 8.00 - moderate hornfels	2	6.00	8.00	- 5 veinlets - avg. 1mm
		- fine grained quartz arenite - medium brown				- qtz + py + po ± mo (tr.)
		- 2-3% yellowish specks (feldspar ?)				- from 7.9m - 20-30% py + po dissm.

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From m	To m	Description	Interval	From m	To m	
0	140.50	8.00 - 10.00 - FINE GRAINED QUARTZ ARENITE	2	8.00	10.00	- 6 VEINLETS
CONTINUED		- MINOR MEDIUM TO FINE GRAINED QTZ ARENITE				- qt + PO
		WEAKLY HORNFELSED - MODERATE HORNFELS				- 20% - 3 % py + PO DSSM · EXTENDS TO 8.5m
						- TR. TO 1% DSSM PY - MORE VISIBLE IN SECTIONS
		10.00 - 12.00 m - A FEW HAIRLINE QUARTZ +	2	10.00	12.00	- 7 VEINLETS
		CALCITE VEINLETS - FINE TO MEDIUM GRAINED				- qtz + PO
		QUARTZ ARENITE, MEDIUM > FINE - GREY WEAK				- PY DSSM ≤ 1%
		HORNFELS ON CORE SURFACE @ 11.7 BECOMES				
		LIGHT BROWN - FINE GRAINED				
		12.00 - 14.00 m - FINE GRAINED QUARTZ ARENITE	2	12.00	14.00	- 8 VEINLETS - AVG ≤ 1 mm, ONE 0.7 cm
		- 12.11 - 12.23 + 12.30 - 12.55 - 20 - 30% DSSM PY + PO				- qtz + PO + py ± cp (tr)
		CONTACTS 30° TO CORE				
		14.00 - 16.00 - HAVE NARROW BLEACHED HALOS	2	14.00	16.00	- 8 VEINLETS AVG 1 mm
		- FINE GRAINED TO VERY FINE GRAINED QTZ ARENITES				- qtz + PO ± py ± cp (tr)
		- ON CORE SURFACE MODERATE HORNFELS MEDIUM BROWN				
		- ON SPLIT SURFACE STRONG HORNFELS - DARK REDDISH BROWN				
		- FEW SHORT SECTIONS WITH 20% DSSM PO + PY				
		16.00 - 18.00 m - FINE GRAINED SECTIONS APPEAR	2	16.00	18.00	- 8 VEINLETS AVG ≤ 1 mm ONE 1 cm
		STRONG HORNFELS - MODERATE HORNFELS				- qtz + PO ± py ± cp
		- FINE TO VERY FINE GRAINED QUARTZ ARENITES				- 0 - 10% DSSM (py > PO) - LARGER %'s
		- BANDING 30° TO CORE				TENDS TO BE IN VAGUE BANDS
		- SPOTTY BLEACHING - MAY BE SILICEOUS CONTENT				
		OF ORGINAL SEDIMENTS AS IS PARALLEL TO BANDING				
		AND OCCASSIONALLY AS OVAL OR ROUND (½ - 1 cm)				
		18.00 - 20.00 m - FINE TO MEDIUM GRAINE QTZ ARENITE	2	18.00	20.00	- 12 VEINLETS - AVG 2 mm
		- 18.2 - 18.3 NETWORK OF TAN COLOURED				- qtz + PO ± py ± mo (tr.) ± cpy (tr)

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From m	To m	Description	Interval	From m	To m	
C.	140150	18.00 - 20.00 (contd.)				
CONTINUED		quartz veinlets with angular rock fragments				
		- occasional bands with 5% disseminated yellowish spots (feldspars?)				
		- also a 1cm band with 10% quartz grains - round				- avg. 0.3 mm
		banding - 25° to 30° to core				
		moderate hornfels				
		20.00 - 22.00 - fine grained quartz arenite	2	20.00	22.00	- 12 veinlets - avg. 2 mm, upto 1cm
		21.4 - 21.85 brecciated with tan coloured quartz infilling				- qtz + po ± py ± mo (tr.) ± cp (tr.)
		- also tan coloured quartz veinlets				- < 1% dissm py.
		- rock also bleached to grey colour in this section				- bands with 5% dissm yellowish spots (feldspars)
		22.00 - 24.00 - moderate brown hornfels	2	22.00	24.00	- 14 veinlets - avg. 2-3 mm
		- fine grained quartz arenites also several hairline quartz veinlets.				- qtz + po ± py ± mo ± cp (tr.)
		- 2-3% yellowish-white specks (feldspar?) (on order of 0.1 mm)				- < 1% dissm. py.
		24.00 - 26.00 - bleaching common adjacent to veinlets.	2	24.00	26.00	- 27 veinlets - avg. 1-2 mm, upto 1cm
		- weak to moderate hornfels				- qtz + po ± py ± mo ± cp
		- banding (bedding?) 30° to core				- few siliceous pebbles with 25% dissm. py & po
		- fine grained quartz arenites				- traces to < 1% dissm py.

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From m	To m	Description	Interval	From m	To m							
0 CONTINUED	140.50	26.00 - 28.00 - fine grained quartz arenites. @ 27m - 15cm section with 20% disseminated pyrite & pyrrhotite. - moderate to weak hornfels	2	26.00	28.00	- 11 veinlets - avg. 2 mm up to 5 mm - gtz ± po ± py ± mo						
		28.00 - 30.00 - fine grained quartz arenites - moderate hornfels - 5% dull white specks (feldspar?) 29.4 - 29.6 disseminated pyrite 40% Contacts 30° to core	2	28.00	30.00	- 7 veinlets - avg. 1 mm - gtz. ± po ± py ± mo						
		30.00 - 32.00 - fine grained quartz arenites - moderate hornfels darker brown on split surfaces - only weak hornfels appearance on core surfaces. - bleached near veinlets - from 30.05 to 30.45 - 30+% disseminated pyrite & pyrrhotite	2	30.00	32.00	- 10 veinlets - (avg. 1 mm) up to 1.5 cm - gtz ± po ± py ± mo ± cp						
		32.00 - 34.00 - moderate hornfels of fine grained quartz arenite with very minor medium grained quartz arenite. - a few sections have several hairline to < 1 mm quartz ± calcite veinlets - banding 35° to core	2	32.00	34.00	- 20 veinlets - avg ≤ 1 mm - gtz ± po ± mo ± py						
		34.00 - 36.00 - fine grained quartz arenite - moderate hornfels @ 34.65 - oval shaped siliceous	2	34.00	36.00	- 17 veinlets - avg. 1 mm up to 4 mm - gtz. ± py ± po ± mo						

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From m	To m	Description	Interval	From m	To m							
0	140.50	34.00 - 36.00 (cont'd.)										
CONTINUED		features with disseminated and veinlet pyrite and pyrrhotite										
		- bleached halos around many veinlets - molybdenum dissem-										
		inated into halo on a few veinlets										
		- few irregular shaped areas of										
		medium grained quartz arenite										
		36.00 - 38.00 - fine grained quartz	2	36.00	38.00	- 17 veinlets - avg. 2mm						
		arenites				- qtz + po ± py ± mo						
		- moderate hornfels				- dissm. py < 1%						
		- banding 40° to core										
		- several sections with a few tan										
		coloured quartz veinlets often										
		with rock fragment inclusions										
		38.00 - 40.00 - fine grained quartz	2	38.00	40.00	- 7 veinlets - avg. 1-2 mm						
		arenite				- qtz + po.						
		- moderate hornfels										
		- whole section has numerous								—		
		milky white quartz tension										
		gash-fillings										
		40.00 - 42.05 - one cm. veinlet	2	40.00	42.00	- 14 veinlets - hairline to 1cm						
		contains sericite - chloritized.				- qtz + po. ± py ± mo ± cp (tr)						
		- bleaching near veinlets										
		- moderate hornfels										
		- fine grained quartz arenite -										

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From m	To m	Description	Interval	From m	To m						
0 CONTINUED	140.50	40.00 - 42.00 (cont'd.)									
		- very minor medium grained quartz arenite.									
		- 2 sections of 7-10 cm with pyrite and pyrrhotite as veinlets and masses associated with rock fragments and bleaching of hornfels.									
		42.00 - 44.00 - trace calcite in a few sheared veinlets.	2	42.00	44.00	- 16 veinlets - hairline to 2.5 cm					
		- strong to moderate hornfels				- qtz. + po ± py ± mo					
		- fine grained quartz arenites with bands of medium to coarse grained quartz arenites.									
		- medium to coarse grained sections contain up to 3% disseminated pyrite.							—		
		- banding 35° to core									
		44.00 - 46.00 - most of the hairline veinlets tend to be quartz + pyrite	2	44.00	46.00	- 28 veinlets - hairline to 1cm					
		- fine to very fine grained quartz arenites				- qtz + py + po + mo + cp					
		- mauve brown colour.				- 5% diss. dull white specks (feldspar?)					
		- moderate to strong hornfels				- 2% - 3% diss. py.					
		- banding of some medium grained sections - 30° - 35° to core axis.									

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From m	To m	Description	Interval	From m	To m						
0 CONTINUED	140.50	46.00 - 48.00 - moderate hornfels of fine grained quartz arenites. from ≈ 47m section bleached grey.	2	46.00	48.00	- 25 veinlets - avg. ≈ 1mm - 2% - 3% dissm. py.					
		48.00 - 50.00 - also numerous tan coloured hairline quartz veinlets (these cut mineralized quartz veinlets) - strongly bleached grey to 48.3 - spotty bleaching for remainder of section. - moderate hornfels (somewhat masked by bleaching) - in bleached sections thin discontinuous pyrite veinlets (tension gash-fillings?) (alteration product) - mainly fine grained to very fine grained with minor to medium grained quartz arenites.	2	48.00	50.00	- 10 veinlets - avg ≈ 1 mm - qtz + po + py ± mo - < 2% dissm. py					
		50.00 - 52.00 - numerous hairline to 2mm tan coloured quartz veinlets. - also sections with numerous hairline pyrite ± quartz veinlets - mauve brown colour - with bleached grey zones. - moderate hornfels.	2	50.00	52.00	- 18 veinlets - most avg 1mm, one 2.5 cm wide - qtz + po + py ± mo ± cp					
		52.00 - 54.00 - numerous pyrite ± quartz veinlets. - also tan coloured quartz veinlets	2	52.00	54.00	- 4 veinlets - avg 2mm - qtz + py + po ± mo					

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From m	To m	Description	Interval	From m	To m						
0	140.50	52.00 - 54.00 (cont'd.)									
CONTINUED		hairline to 3mm - quite a few but not as many as last section.				- < 1% dissem. py					
		- mauve greyish colour									
		- moderate - strong hornfels that have been bleached - especially in areas of intense pyrite veinlets.									
		- fine to very fine grained quartz arenites									
		54.00 - 56.00 - numerous hairline to 0.5 mm py ± quartz veinlets.	2	54.00	56.00	- 13 veinlets - avg. ≤ 1mm, upto 0.8cm - qtz + py + po ± mo ± cp (tr) - 1% - 3% dissem. py + po					
		- fine to medium grained dirty quartz arenites (arkosic)									
		- few tan coloured quartz veinlets average < 1 mm.									
		56.00 - 58.00 - numerous hairline to ≤ 1mm quartz ± quartz veinlets - bleaching especially near veinlets.	2	56.00	58.00	- 15 veinlets - avg. 2-3 mm wide - qtz + py + po ± mo					
		- mottled appearance due to cream coloured alteration of hornfels.									
		- < < 1% to 10% disseminated pyrite (+ very minor disseminated pyrrhotite)									
		- pyrite especially in coarser sections.									
		- fine & very fine grained quartz arenites with lesser medium grained dirty (arkosic) arenites.									
		- banding 36° to core.									

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From m	To m	Description	Interval	From m	To m							
0	140.50	56.00 - 58.00 (cont'd.)										
CONTINUED		- moderate hornfels - bleached										
		58.00 - 60.00 - mottled appearance	2	58.00	60.00	- 20 veinlets - 1mm to 1cm						
		- cream coloured alteration, especially				- qtz. + mo ± py ± po						
		first 0.9m of section.				- dissm. py 0-10% - heavier						
		moderate hornfels - somewhat				concentrations in bands - 30°						
		masked by alteration.				to core axis						
		fine grained clean quartz arenites										
		and dirty quartz arenites										
		- much fewer hairline pyrite ± quartz										
		veinlets.										
		60.00 - 62.00 - numerous pyrite ± quartz	2	60.00	62.00	- 14 veinlets - less mo than last						
		veinlets hairline to 2mm				section - avg. 1-2 mm						
		- quartz arenites - fine grained, quite				- qtz + mo ± py ± po						
		clean.				- dissm. py 0-3%						
		- medium brown til 61.6m where grey										
		predominates - bleached										
		- traces of argillic alteration in last										
		0.4m of section (very, very weak)										
		62.00 - 64.00 - fewer hairline pyrite ±	2	62.00	64.00	- 8 veinlets - avg. 2mm, one - 10cm						
		quartz veinlets.				- qtz + py ± po ± mo ± cp (rare)						
		- rocks light brown to off-white				- dissm py ≈ 2% - occasional bands						
		colour.				of ≈ 5%						
		- fine grained quartz arenites -										
		bleached hornfels.										
		- by end of section, weak to moderate										

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From m	To m	Description	Interval	From m	To m							
0	140.50	62.00 - 64.00 (cont'd)	2	62.00	64.00							
CONTINUED		argillic alteration - pervasive										
		64.00 - 66.00 - pervasive moderate to	2	64.00	66.00	- 14 veinlets - usually ≤ 1mm, up to 3cm						
		strong argillic alteration - was probably				- qtz ± py ± po ± mo						
		quartz arenite fairly clean				- diss. py 1-2%						
		- a few angular fragments visible - these										
		are altered to kaolin and very minor										
		quartz										
		- molybdenum forms disseminated										
		halo about several veinlets.										
		66.00 - 68.00 - section off-white colour	2	66.00	68.00	- 1 veinlet + 2 mm wide						
		- moderate, pervasive argillic alteration				- qtz + mo + py						
		- kaolin also on hairline fractures to				- diss. py 1-3%						
		≤ 1mm.										
		68.00 - 70.00 - groundmass - moderate to	2	68.00	70.00	- 21 veinlets - avg. 2mm - veinlets						
		strong argillic alteration - pervasive				tend to be broken up.						
		- also numerous small & discontinuous				- qtz + py + mo						
		kaolin veinlets.										
		section from 67.8 to 69.6 has probably										
		been sheared										
		- rare molybdenum noted on dry										
		fractures in sheared section - quite										
		possibly secondary remobilization.										
		70.00 - 72.00 - moderately strong per-	2	70.00	72.00	- 5 veinlets						
		vasive argillic alteration				- qtz + py + mo						
		- few slickensided fracture faces visible.				< 1% diss. py						

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From m	To m	Description	Interval	From m	To m						
C CONTINUED	140.50	72.00 - 74.00 - from 72.15 to 72.35 probable fault - core completely disintegrated to sand sized particles. - moderate hornfels - visible in two 40cm sections within the 2m section. - bleached near veinlets - weakly argillic altered - medium grained dirty quartz arenite. - moderate argillic alteration - rest of section. - numerous hairline pyrite ± quartz veinlets from 72.5 to end of section	2	72.00	74.00	- 9 veinlets - up to 1cm - qtz + py ± mo + (tr.) cp					
		74.00 - 76.00 - numerous hairline pyrite ± quartz veinlets - with pyrite dissemination beside veinlets. - moderate to strong hornfels still visible in a few sections. - weak to moderate argillic alteration - pervasive.	2	74.00	76.00	- 9 veinlets - avg. 1-1.5 mm - ± v. sericite in a few veinlets. - qtz + py ± mo					
		76.00 78.00 - rock off-white - pervasive weak - moderate argillic alteration.	2	76.00	78.00	- 9 veinlets - avg. 2-3 mm - qtz + py + mo ± cp ± po - some with no dissm. halos (for 1-2 mm) - ≤ 1% dissm. py					
		78.00 - 80.00 - weak to moderate argillic alteration. - disseminated pyrite 0-5%	2	78.00	80.00	- 14 veinlets - up to 4 cm - many within a very dense looking compact pyrite. - qtz + py ± mo					

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From m	To m	Description	Interval	From m	To m							
C CONTINUED	140.50	80.00 - 82.00 - weak to moderate pervasive argillic alteration - few remnants of hornfels still visible	2	80.00	82.00	- 9 veinlets - avg 1mm - qtz + po + py + mo				up to	2cm	
		82.00 - 84.00 - pervasive moderate argillic alteration. - few kaolin veinlets - molybdenum strongest along outsides of veinlets.	2	82.00	84.00	- 16 veinlets - avg. 2mm - << 1% dissem. py.				up to	10cm	
		84.00 - 86.00 - weak to moderate argillic alteration - very minor hornfels still visible - Gouge along a number of fractures in two short areas within the section.	2	84.00	86.00	- 14 veinlets - avg. 6-8 mm - qtz + py + mo - < 1% dissem. py.						
		86.00 - 88.00 - moderate argillic alteration slight greenish tint to split core. Kaolin on fractures - common - greenish tint (may be due to a very fine grained sericite?) - gouge along fractures for 86 to 86.5m.	2	86.00	88.00	- 16 veinlets - avg 6-8 mm - qtz + py + mo ± cp (tr.)						
		88.00 - 90.00 - moderate argillic alteration - pervasive - abundant kaolin on fractures - greenish tint to some of section	2	88.00	90.00	- 20 veinlets - avg. 1mm - qtz + py + mo ± cp (tr.)						
		90.00 - 92.00 - molybdenum as disseminated halo around several veinlets - moderate argillic alteration	2	90.00	92.00	- 22 veinlets - avg 1-2 mm - qtz + py + mo						

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From m	To m	Description	Interval	From m	To m							
C CONTINUED	140.50	90.00-92.00 (cont'd.)										
		-kaolin pervasive + veinlets										
		92.00-94.00 - weak argillic alteration- pervasive with fewer kaolin veinlets. core - off-white to very pale tan colour.	2	92.00	94.00	-31 veinlets - hairline to 3cm -qtz ± po ± py + mo ± cp (tr.)						
		94.00-96.00 - weak argillic alteration - becoming progressively weaker. colour off-white to pale tan yellow.	2	94.00	96.00	-21 veinlets - up to 1cm -qtz + py + po + mo -disem. py ≤ 1%						
		96.00-98.00 - several sections with moderate hornfels still visible. -medium grained dirty quartz arenite -few pyrite ± quartz hairline veinlets. -for most of section greyish-tan colour - bleached. -if any argillic alteration very, very weak.	2	96.00	98.00	-18 veinlets - hairline to 2mm -qtz + py ± po ± mo -0-2% disem. py.						
		98.00-100.00 rock - bleached pale yellowish white to pale greenish white. -very minor kaolin in fractures	2	98.00	100.00	-24 veinlets - up to 4cm -qtz + py ± po + mo ± cp -disem. py 0-1%						
		100.00-102.00 rock - light grey to very pale yellowish grey. from 100.7 to 101.7 - 30-50% disseminated pyrite mainly as cubes. - in veinlets + disseminations not from veinlets.	2	100.00	102.00	-10 veinlets - avg. 5mm -qtz + py ± po ± mo						

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From m	To m	Description	Interval	From m	To m							
0 CONTINUED	140.50	100.00 - 102.00 m - WEAK ARGILLIC ALTERATION										
		102.00 - 104.00 m - ROCK - OFF - WHITE TO VERY PALE GREEN TINT - MODERN - WEAK ARGILLIC ALTERATION - BOTH PERVASIVE AND KAOLIN IN VEINLETS - LAST 0.4 m OF SECTION - 30% - 40% DSSM PY IN VEINLETS - ALSO GOUGE ON FRACTURE SURFACES	2	102.00	104.00	- 15 VEINLETS UP TO 2 cm AVG 1 TO 2 mm - qtz + py + mo ± cpy (tr.)						
		104.00 - 106.00 m - @ 105.4 NO RECOGNIZABLE VEINLETS - ROCK PALE GREENISH TINT - ABUNDANT GOUGE THROUGHOUT, ROCK OFTEN CRUMBLY - PROBABLY FAULT THAT STARTS ≈ 103.6 AFTER 105.4 ROCK - PALE GREENISH TINT - VERY WEAK ARGILLIC ALTERATION	2	104.00	106.00	- 3 VEINLETS - TWO 3-4 mm, ONE 4 cm - qtz + py + mo						
		106.00 - 108.00 M ROCK - LIGHT GREYISH WHITE - WEAK ARGILLIC ALTERATION - SOME KAOLIN ON FRACTURES - OCCASSIONAL PATCH WITH DSSM, UP TO 2%	2	106.00	108.00	- 8 VEINLETS AVG 2 mm - qtz + py + mo						
		108.00 - 110.00 m - 50% SECTION PERVASIVE VERY WEAK ARGILLIC ALTERED - PALE GREEN TINT - 50% SECTION ALSO WEAKLY ARGILLIC ALTERED BUT VERY PALE BROWN - FAIRLY CLEAN QTZ - ARENITE - FEW KAOLIN VEINLETS - THIN	2	108.00	110.00	- 9 VEINLETS AVG 2-3 mm - qtz ± py ± mo						
		110.00 - 112.00 m - TRACES DSSM PY - VERY WEAK ARGILLIC ALTERATION	2	110.00	112.00	- 17 VEINLETS - qtz + py ± cpy ± mo (not common)						

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From m	To m	Description	Interval	From m	To m	
C	140.50	110.00 - 112.00 M - LIGHT BROWN HORNFELS				
CONTINUED		COLOUR AFTER 111.5 m - STILL BLEACHED				
		ESPECIALLY NEAR VEINLETS				
		112.00 - 114.00 M - WEAK ARGILLIC ALTERATION	2	112.00	114.00	- 16 VEINLETS
		HORNFELS COLOUR AGAIN BLEACHED OUT PAST				- qtz ± py ± mo ± po
		112.2 m - REST - OFF WHITE				- TRACES DSSM PY
		- PROBABLY DIRTY QTZ ARENITE MEDIUM GRAINED				
		WITH VERY MINOR FINE-GRAINED				
		- CLEAN QUARTZ ARENITE - BEDDING 40° TO CORE				
		114.00 - 116.00 M - MOTTLED APPEARANCE	2	114.00	116.00	- 11 VEINLETS AVG ≤ 1 mm
		- STRONG HORNFELS - BLEACHED VEINLETS				- qtz ± py ± mo ± po
		- FEW PY ± QTZ VEINLETS				- ≤ 1% DSSM PY
		- VERY VERY WEAK ARGILLIC ALTERATION				
		116.00 - 118.00 M - STRONG HORNFELS	2	116.00	118.00	- 9 VEINLETS
		- MEDIUM GRAINED DIRTY QUARTZ ARENITE				- qtz + py ± po ± mo (tr.)
		- OCCASIONAL BLEACHING NEAR VEINLETS				- ≤ 1% DSSM PY
		- OCCASIONAL KAOLIN VEINLETS				
		118.00 - 120.00 M - STRONG HORNFELS	2	118.00	120.00	- 17 VEINLETS AVG 1-2 mm
		- MEDIUM GRAINED DIRTY QUARTZ ARENITE WITH				- qtz + py ± po ± mo
		SOME SECTIONS OF VERY FINE GRAINED QUARTZ				
		ARENITE - BLEACHING RESTRICTED TO NEAR				
		VEINLETS - ONLY A VERY SLIGHT ARGILLIC				
		ALTERATION				
		120.00 - 122.00 m - STRONG HORNFELS OF MEDIUM	2	120.00	122.00	- 10 VEINLETS AVG 2-3 mm
		AND FINE GRAINED DIRTY QUARTZ ARENITE				- qtz + py ± po
		- LAST 0.3 m HAS 10% - 20% DSSM PY				- ≤ 1% DSSM PY WHOLE SECTION

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From m	To m	Description	Interval	From m	To m	
0	140.50	122.00 - 124.00 m - STRONG HORNFELS	2	122.00	124.00	- 7 VEINLETS
CONTINUED		≤ 1% DSSM PY EXCEPT FIRST 0.2 cm THERE				- qtz + py ± po ± mo (NOT COMMON
		10% - 20% DSSM PY				
		- ONE 20cm SECTION OF GRAPHITIC BLACK				
		SILTSTONE - IRREGULAR BOUNDARIES				
		124.00 - 126.00 m - STRONG HORNFELS OF	2	124.00	126.00	- 11 VEINLETS AVG 0.5 cm
		DIRTY ARENITE - SOME BLEACHING NEAR VEINLETS				- qtz + py ± po (NOT COMMON)
		- ABUNDANT TAN COLOURED QUARTZ VEINLETS FOR				- < 1% DSSM PY
		FIRST 0.5 m OF SECTION				
		126.00 - 128.00 m - STRONG HORNFELS	2	126.00	128.00	- 11 VEINLETS AVG 2 mm
		- MEDIUM GRAINED ARENITE - DIRTY QUARTZ ARENITE				- QTZ + po ± py ± mo (NOT COMMON)
		- MINOR FINE + VERY FINE - GRAINED SECTION				± cpy (TR.)
		- MINOR BLEACHING				
		128.00 - 130.00 m - STRONG HORNFELS - MINOR BLEACHING	2	128.00	130.00	- 23 VEINLETS AVG 1 mm
		- MED - GRAINED DIRTY QUARTZ ARENITE, SOME FINE				- qtz ± py ± po ± mo (tr.)
		GRAINED QTZ ARENITE - BANDING (BEDDING)				- < 1% DSSM PY
		- 36° TO CORE AXIS				
		130.00 - 132.00 m - MODERATE TO STRONG	2	130.00	132.00	- 13 VEINLETS - MOST 1 mm - SEVERAL 1 TO 5 cm
		HORNFELS - SOME MASKING BY BLEACHING				- qtz + py ± po ± mo
		- ABUNDANT TAN COLOURED QTZ VEINLETS				
		- ALSO - COMMON PY ± QTZ VEINLETS				
		HAIRLINE TO 1 mm				
		- MED - GRAINED DIRTY QUARTZ ARENITE				
		132.00 - 134.00 m - STRONG HORNFELS OF MEDIUM	2	132.00	134.00	- 22 VEINLETS MOST ≤ 1 mm SEVERAL UP TO 3 cm
		- GRAINED DIRTY QTZ ARENITE				- qtz + py + po ± mo (tr.)
		- BLEACHING ADJACENT TO MOST VEINLETS				- THESE TEND TO BE QTZ - PY

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From m	To m	Description	Interval	From m	To m							
0 CONTINUED	140.50	132.00 - 134.00 m - FEW TAN COLOURED QTZ VEINLETS - THESE ARE LATER THAN MINERALIZED QTZ VEINLETS										
		134.00 - 136.00 m - STRONG HORNFELS OF DIRTY QUARTZ ARENITE - BLEACHED NEAR VEINLETS AND FOR A SHORT SECTION BETWEEN 135.50 AND 135.90 - WEAK ARGILLIC ALTERATION - TRACES OF SERICITE IN ONE VEINLET	2	134.00	136.00	- 16 VEINLETS AVG 2mm, SEVERAL UP TO 4cm - qtz + py + po + mo (MINOR) - DSSM PY < 1%						
		136.00 - 138.00 m - STRONG HORNFELS - SOMEWHAT BLENCHED, ESPECIALLY NEAR VEINLETS - MEDIUM GRAINED DIRTY QUARTZ ARENITE - FEW FINE-GRAINED FRAGMENTS, ANGULAR - FROM 137.58 TO 138.15 - ZONE OF CRUSHED QUARTZ, CRUSHED HORNFELS QTZ ARENITE AND PYRITE - POSSIBLY A COMPOUND VEIN OR MORE LIKELY A FAULT ZONE - FIRST 0.5 cm GOUGE - SOME GOUGE THROUGHOUT SECTION - CONTACT @ 137.59 - 35° TO CORE - CONTACT @ 13 .15 - VERY IRREGULAR BUT SHARP	2	136.00	138.00	- 11 VEINLETS AVG 4mm - qtz + py + po ± mo ± cpy(tr) - TR, DSSM PY						
		138.00 - 140.00 m - STRONG HORNFELS - EXTENSIVELY BLEACHED - MEDIUM-GRAINED DIRTY QUARTZ ARENITE FEW - VERY - FINE - GRAINED SECTION OF BAN QUARTZ ARENITE	2	138.00	140.00	- 17 VEINLETS AVG 2mm UP to 2 cm - qtz + po + py ± mo ± clt						
		140.00 - 140.5 m - MEDIUM GRAINED DIRTY QUARTZ ARENITE	.50	140.00	140.50	- 2 VEINLETS AVG 2 mm - qtz + po + py ± mo						

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From m	To m	Description	Interval	From m	To m	
0 CONTINUED	140.50	140.00 - 140.50 m - 5% FRAGMENTS ANGULAR TO ROUNDED - FINE GRAINED QUARTZ ARENITE				- 5 HAIRLINE TO 1 mm clot VEINLETS - 2% - 3% DISSM PY
		- STRONG HORNFELS				
		- CONTACT @ 140.5 SHARP - 40° TO CORE AXIS				
		- THIN PY - QTZ VEINLET ALONG CONTACT				
140.50	142.66	140.50 - 142.00 m - BLACK GRAPHITIC SILTSTONE WITH MINOR SECTIONS OF GRAPHITIC QTZ ARENITE	1.5	140.50	142.00	- 1 VEINLETS AVG 0.5 m - qtz + PO
		- 1% - 2% PY IN GRAPHITIC ARENITE SECTIONS				- SEVERAL HAIRLINE TO 1 mm clot VEINLETS
		142.00 - 142.66 m - FEW HAIRLINE CLOT VEINLETS	.66	142.00	142.66	
		- GRAPHITIC SILTSTONE WITH GRAPHITIC QUARTZ ARENITE				
142.66	147.00	142.66 - 144.00 m - MIX OF MEDIUM - GRAINED DIRTY QUARTZ ARENITES AND FINE - GRAINED CLEAN QUARTZ ARENITE	1.34	142.66	144.00	- 3 VEINLETS - TWO HAIRLINE, ONE 1 cm - qtz + PO + PY ± mo (IN ONE) ± CPY
		- BANDING - 60° TO CORE AXIS				
		- MODERATE HORNFELS				
		144.00 - 146.00 m - MODERATE HORNFELS	2	144.00	146.00	- 5 VEINLETS - 4 HAIRLINE TO 1 mm ONE 0.7 mm
		- MIXTURE OF MED. TO VERY FINE - GRAINED QUARTZ ARENITE - MEDIUM GRAINED ONES TEND TO BE ARKOSIC				- qtz + PO ± mo (IN ONE)
		- 20 cm OF GRAPHITIC, DIRTY QUARTZ ARENITE AT START OF SECTION				
		- BANDING 30° TO 40° TO CORE AXIS				
		- 5% OFF - WHITE TO YELLOWISH SPECKS (FELDSPARS?) IN SEVERAL SECTIONS				

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From m	To m	Description	Interval	From m	To m							
142.66 CONTINUED	147.00	146.00 - 147.00 m - MED-GRAINED, DIRTY QUARTZ ARENITE - MODERATE HORNFELS	1	146.00	147.00	-6 VEINLETS -qtz +po ± py ± mo (tr.)						
		- FOR 10 mm ON EITHER SIDE OF 146.00m + FROM 146.28 TO 146.82				- 50 + % DSSM Po T Py						
147.00	148.65	147.00 - 148.00 - GRAPHITIC, BLACK SILTSTONE - MINOR GRAPHITIC DIRTY QUARTZ ARENITE	1	147.00	148.00	- 1 VEINLETS AVG 0.5 mm -qtz + po						
		148.00 - 148.65 m - GRAPHITIC SILTSTONE WITH MINOR GRAPHITIC DIRTY QUARTZ ARENITE - CONTACT @ 148.65 30° TO CORE AXIS VEINLET ALONG CONTACT	.65	148.00	148.65	- 2 VEINLETS AVG < 1 mm -qtz ± po ± py						
148.65	152.65	148.65 - 150.00 m - DIRTY QUARTZ ARENITE, MODERATE HORNFELS	1.35	148.65	150.00	- 3 VEINLETS 1 mm TO 1.2 cm -qtz ± po ± py ± cp (tr.) - 1% - 2% DSSM PY						
		150.00 - 152.00 m - DIRTY QUARTZ ARENITES WITH A FEW SHORT SECTIONS (5% OF SECTION) OF GRAPHITIC BLACK SILTSTONE - MEDIUM HORNFELS	2	150.00	152.00	- 4 VEINLETS AVG 1 mm - 1% - 2% DSSM PY						
		152.00 - 152.65 m - ≤ 1% DSSM PY, - MEDIUM HORNFELS	.65	152.00	152.65	- 3 VEINLETS AVG 2 mm - DIRTY QUARTZ ARENITE						
152.65	155.70	152.65 - 154.00 m - GRAPHTIC SILTSTONE WITH 20% INTERBEDDED + SWIRLS OF GRAPHITIC DIRTY QUARTZ ARENITE TRACES DSSM PY		152.65	154.00	- 2 VEINLETS - 1 + 2 mm WIDE -qtz + po						
		154.00 - 155.70 m - GRAPHITIC BLACK SILTSTIONE WITH MINOR GRAPHITIC DIRTY QTZ ARENITE	1.70	154.00	155.70	- 1 VEINLET - 2 mm WIDE -qtz + po + py - FEW HAIRLINE PY ± qtz VEINLETS - ≤ 1% DSSM PY						

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From m	To m	Description	Interval	From m	To m	
155.70	180.20	155.70 - 156.00m - GREY QUARTZ ARENITE	0.30	155.70	156.00	- 2 VEINLETS
		- TRACE 1% DSSM PY - VERY SMALL GRAIN				- qtz + po ± mo (tr.)
		- CONTACT @ 155.70 - 35° TO CORE AXIS - VERY SHARP				
		156.00 - 158.00 - FINE GRAINED TO MEDIUM GRAINED	2	156.00	158.00	- 3 VEINLETS Two < 1 mm ONE 3 mm
		QUARTZ ARENIT - DARK GREY TO MEDIUM BROWN				- qtz + po ± cpy tr.)
		FROM 157.40 TO 158.00 - GRAPHITIC SILTSTONE				
		158.00 - 160.00 m - DIRTY QUARTZ ARENITES	2	158.00	160.00	- 4 VEINLETS AVG 1 mm
		- MEDIUM GRAINED - MEDIUM HORNFELS				- qtz ± py ± po ± cpy (tr.)
		- FEW PY VEINLETS - HAIRLINE TO < 1 mm				
		- 0% - 10% DSSM PO + PY - 10% FROM 159.60 TO 160.10				
		160.00 - 162.00 m MIXTURE OF DIRTY FINE	2	160.00	162.00	- 11 VEINLETS AVG 2mm to 6 mm
		AND MEDIUM - GRAINED QUARTZ ARENITE				- qtz + py + po ± mo
		- FEW VERY FINE - GRAINED CLEAN QUARTZ ARENITE				- 0 - 1% DSSM PY
		SECTIONS - GREY TO MEDIUM BROWN				- FEW PY VEINLETS < 1 mm
		- WEAK TO MODERATE HORNFELS				
		162.00 - 164.00 m - DIRTY MEDIUM GRAINED	2	162.00	164.00	- 3 VEINLETS UP TO 1 cm
		QUARTZ ARENITE - MODERATE HORNFELS				- qtz + py ± po ± cpy (tr.)
		164.00 - 166.00 m - DIRTY QUARTZ ARENITES	2	164.00	166.00	- 8 VEINLETS AVG < 1 mm
		- MEDIUM GRAINED - MODERATE TO STRONG				- qtz ± py ± po
		HORNFELS - MOTTLED APPEARANC DUE TO				
		BLEACHING NEAR VEINLETS				
		166.00 - 168.00 m DIRTY QUARTZ ARENITE	2	166.00	168.00	- 12 VEINLETS AVG 2 mm
		- MEDIUM GRAINED - STRONG HORNFELS				- qtz + po + py ± mo ± cpy (tr.)
		- MINOR BLEACHING NEAR VEINLETS				- UP TO 1% DSSM PO + PY
		168.00 - 170.00 m - DIRTY QUARTZ ARENITE	2	168.00	170.00	- 7 VEINLETS AVG 1 mm
		- MEDIUM + FINE GRAINED				- qtz + po ± py

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From m	To m	Description	Interval	From m	To m							
155.70 CONTINUED	180.20	168.00 - 170.00 m - STRONG TO MEDIUM HORNFELS										
		- BLEACHING NEAR SOME VEINLETS										
		- 0.5% PY UP TO 2% IN MEDIUM GRAINED										
		SECTIONS										
		- BANDING ≈ 40° TO CORE AXIS - SOMEWHAT										
		IRREGULAR										
		170.00 - 172.00 m - MEDIUM GRAINED DIRTY QUARTZ	2	170.00	172.00	- 6 VEINLETS AVG 1-2 mm						
		VEINLETS WITH MINOR FINE-GRAINED SECTIONS				- qtz + po ± py ± mo						
		- MODERATE HORNFELS, <1% 0.5% PO + PY				- TWO clot VEINLETS 1 mm						
		- BLEACHING PERVASIVE FOR ≈ 15% of SECTION										
		172.00 - 174.00 m - MODERATE HORNFELS, SOME	2	172.00	174.00	- 11 VEINLETS AVG ≤ 1 mm						
		BLEACHED SECTIONS - MEDIUM - GRAINED DIRTY				- qtz ± po ± py						
		QUARTZ ARENITE - ≤ 1% 0.5% PO + PY										
		174.00 - 176.00 m - MEDIUM GRAINED DIRT	2	174.00	176.00	- 5 VEINLETS ≤ 1 mm						
		QUARTZ ARENITE - MODERATE - WEAK HORNFELS				- qtz ± py ± po ± mo (tr.)						
		- ≤ 1% 0.5% PO + PY										
		176.00 - 178.00 m - MEDIUM GRAINED DIRTY	2	176.00	178.00	- 9 VEINLETS - GENERALLY ≤ 1 mm UP TO 1 cm						
		QTZ ARENITES - MODERATE HORNFELS - SOME				- qtz ± py + po						
		BLEACHING - 177.75 TO 178.00 GRAPHITIC										
		0 TO 1% 0.5% PO + PY - VERY SMALL GRAINS										
		178.00 - 180.00 m - MIXTURE OF FINE AND MEDIUM	2	178.00	180.00	- 11 VEINLETS AVG < 1 mm ONE 2 cm						
		- GRAINED QUARTZ ARENITES - SHORT GRAPHITIC				- qtz + po ± py ± mo (RARE TR.)						
		SECTION 178.70 - 178.90 m										
		- MINOR BLEACHING - FROM 179.96 TO 180.10										
		0.5% PO + PY UP TO 3%										

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From m	To m	Description	Interval	From m	To m							
		180.00 - 180.20 m - FINE GRAINED QUARTZ	.20	180.00	180.20	- NO VEINLETS						
		ARENITE - MODERATE HORNFELS										
		- CONTACT TAKEN AS SAMPLE										
180.20	205.95	180.2 - 182.00 m - BLACK GRAPHITIC SILTSTONE	1.80	180.20	182.00	- 7 VEINLETS MOST HAIRLINE, ONE 13 mm						
		WITH COARSER UNITS OF UP TO SAND SIZED				- qtz + po						
		PARTICLES (MAINLY QUARTZ)										
		- SOFT SEDIMENT DEFORMATION COMMON										
		- DSSm PY PATCHES OF UP TO 1 mm DIAMETER										
		AVG < 1% ALTHROUGH SOME SECTIONS CONTAINS										
		AREAS UP TO 3-5%										
		- BANDING 45° TO CORE AXIS										
		FROM 181.70 TO 182.00 - MODERATE HORNFELS										
		- MEDIUM GRAINED DIRTY QUARTZ ARENITE										
		- SOME BLEACHING										
		- SEVERAL QTZ + clot VEINLETS - DISCONTINUOUS										
		182.00 - 184.00 m - BLACK GRAPHITIC SILTSTONE	2	182.00	184.00	- 3 VEINLETS HAIRLINE						
						- po ± py ± qtz						
		184.00 - 186.00 - BLACK GRAPHITIC SILTSTONE	2	184.00	186.00	- 3 VEINLETS HAIRLINE						
		- SEVERAL QTZ + clot VEINLETS < 1 mm				- qtz ± py ± po						
		- BANDING 30° TO CORE AXIS										
		186.00 - 188.00 m - FROM 187.30 TO 187.60	2	186.00	188.00	- 10 VEINLETS HAIRLINE TO 3mm						
		DIRTY QUARTZ ARENITE - MED. GRAINED - MODERATE				- qtz ± py ± po						
		HORNFELS - SECTION HAS LITTLE BANDING										
		- QUITE MASSIVE APPEARANCE										
		188.00 - 190.00 m - 1 HAIRLINE clot + QTZ	2	188.00	190.00	- 3 VEINLETS						
		VEINLETS - DIHSSIVE APPEARANCE				- qtz ± po						

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From m	To m	Description	Interval	From m	To m							
180.20	205.95	190.00 - 192.00 m - AGAIN A MASSIVE BLACK	2	190.00	192.00	- 7 VEINLETS	5 HAIRLINE	2 - 1 and 2 mm				
CONTINUED		GRAPHITIC SILTSTONE				- qtz ± po ± py						
		192.00 - 194.00 m - QUITE MASSIVE MINOR	2	192.00	194.00	- 10 VEINLETS HAIRLINE TO 0.5 mm						
		BANDING 40° - 45° TO CORE AXIS				- qtz ± po ± py						
		- MINOR DIRTY ARENITE NEAR 194 m										
		- 194.00 - 196.00 m - SECTION QUITE MASSIVE	2	194.00	196.00	- 7 VEINLETS HAIRLINE VEINLETS						
		- ABOUT 5% GRAPHITIC, DIRTY QUARTZ ARENITE				- qtz ± po ± py						
		- GREY										
		196.00 - 198.00 m - MASSIVE SECTION, BLACK	2	196.00	198.00	- 5 VEINLETS HAIRLINE TO < 1 mm						
		GRAPHITIC SILTSTONE				- qtz ± py ± po						
		198.00 - 200 m - AGAIN A MASSIVE SECTION	2	198.00	200.00	- 5 VEINLETS HAIRLINE						
		GRAPHITIC SILTSTONE				- qtz ± py ± po						
		200.00 - 202.00 m - 5 HAIRLINE TO < 1 mm	2	200.00	202.00	- 4 VEINLETS						
		QTZ + clot VEINLETS				- qtz + po + PY						
		- BANDING IRREGULAR ANGLES TO CORE AXIS										
		202.00 - 204.00 m BLACK GRAPHITIC SILTSTONE	2	202.00	204.00	- 1 VEINLETS HAIRLINE						
		- FROM 203.20 TO 203.80 - MODERATE HORNFELS				- qtz + po + PY						
		DIRTY QUARTZ ARENITE - UP TO 20% DSSM PO + PY				- SEVERAL QTZ + Clot HAIRLINE VEINLETS						
		204.00 - 205.95 m - GRAPHITIC SILTSTONE WITH	1.95	204.00	205.95	- 4 VEINLETS AVG 1 mm						
		VERY MINOR QUARTZ ARENITE				- qtz + po + py						
		- NUMEROUS, DISCONTINUOUS QTZ + Clot VEINLETS										
205.95	213.40	205.95 - 208.00 m - MOTTLED APPEARANCE	2.05	205.95	208.00	- 4 VEINLETS						
		- STRONG HORNFELS - PERVASIVE BLEACHING				- qtz + po + py						
		- VERY FINE - GRAINED QUARTZ ARENITE										
		- OCCASIONAL PATCHES OF UP TO 10% DSSM										
		PY + PO										

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From m	To m	Description	Interval	From m	To m							
205.95 CONTINUED	213.40	208.00 - 210.00 M - NUMEROUS DISCONTINUOUS	2	208.00	210.00	- 4 VEINLETS AVG 1 mm						
		VEINLETS - QTZ - (TENSION GASHES)				- qtz ± po						
		- MOTTLED APPEARANCE										
		- BLEACHED STRONG HORNFELS										
		- VERY FINE - GRAINED QTZ ARENITE										
		210.00 - 212.00 m - MODERATE HORNFELS	2	210.00	212.00	- 6 VEINLETS HAIRLINE TO 1 mm						
		- MOTTLED BLEACHING				- qtz + po						
		- NUMEROUS DISCONTINUOUS QUARTZ VEINLETS										
		(TENSION GASHES) - VERY FINE GRAINED QUARTZ										
		ARENITE										
		212.00 - 213.40 m - MOTTLED BLEACHING OF	1.40	212.00	213.40	- 4 VEINLETS AVG 3 mm						
		STRONG HORNFELS				- qtz + po						
		- NUMEROUS HAIRLINE QTZ VEINLETS DISCONTINUOUS										
		AND IRREGULAR IN SHAPE (TENSION GASHES)										
		THE END										
		—										