85-1195-14782

#### ASSESSMENT REPORT

D.D.H. BAR 85-1

DRILLING ON THE BAR 8 MINERAL CLAIM

N.T.S. 82G/5W

Latitude 49°27'N Longitude 115°

FORT STEELE MINING DIVISION

FILMED

MINIS'	try of ene etroleum	RGY, MINES RESOURCES
Rec'd	1 C C 1	1006

APR 1

SUBJECT .

VANCOUVER, B.C.

Owner : Therm Exploration

Operator: Noranda Exploration Company, Limited (no personal liability)

Author : James McDonald

Date : March 3, 1986

GEOLOGICAL BRANCH ASSESSMENT REPORT

14,782

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Scale 1:1,000

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### 1. INTRODUCTION

During 1985 diamond drill hole Bar 85-1 was initiated in order to test the Sullivan time horizon for a Sullivan type ore body. The objective of the hole was to intercept the large mineralized apron associated with such an ore body, and then follow the apron to the ore body with additional drill holes. The hole was drilled to a total depth of 1550.30 m (5,080 ft.) during the months of May, June, July, October and November. The initial 107 m of the hole was applied for assessment on July 2, 1985. This report is for assessment work applied on December 30, 1985 and covers the last 940 m of the hole from 610 m to 1550.30 m.

The Bar 8 mineral claim was staked by John Leask of 843 west 15th. Avenue, Vancouver, B.C. V5Z 1R8, during June of 1984. The property was subsequently optioned from him in a joint venture agreement between Noranda Exploration Company, Limited, Skylark Resources Ltd., Canadian United Minerals Inc., and Laramide Resources Ltd. Noranda Exploration Company, Limited acted as contractor and operator of the project.

### 2. LOCATION AND ACCESS

Diamond drill hole Bar 85-1 is located approximately 12 km southwest of Cranbrook, B.C. on the southwestern end of the Lumberton reservoir, at approximately the following co-ordinates:

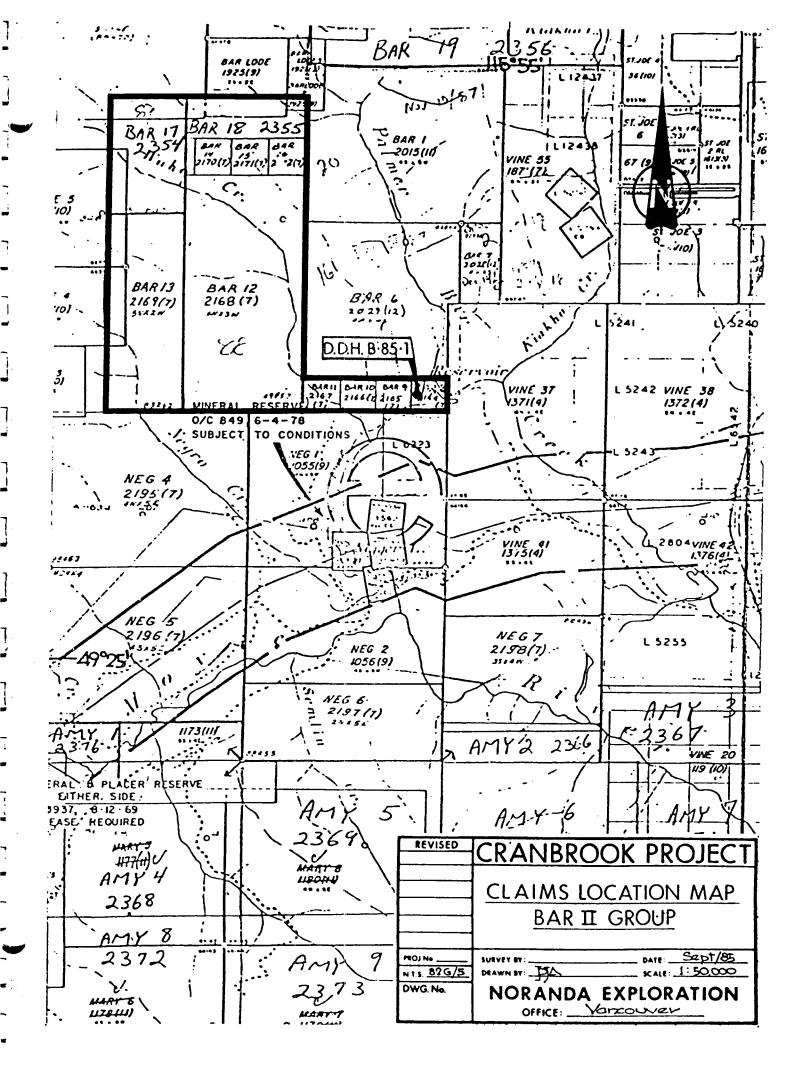
Longitude: 115°56'W

Latitude: 49°27'N

It is accessed by about 11 km of paved highway (#3) southward, 12 km of gravel road westward and northward, and 2 km of dirt road eastward to the drill site.

### 3. TOPOGRAPHY

The relief on the property is variable with slopes varying from  $10^{\circ}$  to  $90^{\circ}$ . Maximum relief is about 2,100 feet. Vegetation consists primarily of second growth pine, douglas fir, spruce, and tamarack, and a good portion of the west and central portions of the property have been logged off.



### 4. CLAIMS INFORMATION

The Cranbrook-Bar property consists of 15 mineral claims comprising two claim groups having a total of 108 units. Claims information is as follows:

### BAR GROUP

Claim Name	Units	Record Number	Record Date
Bar l	20	2015	November 10, 1983
Bar 6	14	2028	December 14, 1983
Bar 7	2	2029	December 14, 1983
Vine 55	18	1871	July 18, 1983

#### BAR II GROUP

Claim Name	Units	Record Number	Record	Date	e 
Bar 8	-1	2164	T., 1,,	2	1984
Bar 9	1	2165	July		1984
Bar 10	l	2166	•	•	1984
Bar 11	ì	2167	•	-	1984
Bar 12	18	2168	•	-	1984
Bar 13	10	2169	•	-	1984
Bar 14	1	2170	July	-	
Bar 15	1	2171	July	-	
Bar 16	1	2172	July	•	
Bar 17	6	2354	•	•	
Bar 18	3	2355	February	-	
Bar 19	8	2356	February	•	
			February	20,	1903
Bellville	Crown G				
Lookout	Crown G	rant			

### 5. MODELING

The model used in targetting the Bar 85-1 drill hole was that of a simple, uncomplex sub-basin formed by a transverse fault in an immature spreading ridge environment. In analagous situations in modern day basins these spreading ridges follow some linear trend and the tensional stress built up by them is periodically taken up by cross-cutting transverse faults.

The importance of these transverse faults is three-fold: 1) It causes down-faulting which in turn forms a sub-basin necessary for the accumulation of sulfide ore bodies; 2) It halts the propagation of the spreading centre allowing the system to be resident long enough for lead and zinc to be leached form the surrounding sediments and concentrated as sulfides on the sea floor; and 3) It acts as a conduit for the hydrothermal fluids which leach and concentrate the lead and zinc. An elevated geothermal gradient, which would assist in the leaching and concentration of lead and zinc, is caused by

gabbroic to dioritic sills injected into unconsolidated sediment, contemporaneously with deposition.

Under such a model there is a large, stratiform apron of sulfides flanking the orebody, as seen at the Sullivan Mine. Cominco's Vine property, a cross-cutting vein with high grade lead-zinc, may have been derived from such an apron, and diamond drill holes, drilled by Cominco, in the region of the Vine, have reportedly intercepted thin layers of stratiform sulfides at the Sullivan horizon. These thin layers of sulfide are believed to be part of a large apron flanking a stratiform lead-zinc orebody. The direction of thickening of this apron would likely be northward towards the Cranbrook Fault, since it represents a transverse fault and would have caused downfaulting and the development of a sub-basin in which economic thicknesses of sulfide could accumulate. Thus the exploration thrust is two fold, it must identify a sub-basin and it must also find one in which sulfides were being deposited.

### 6.0 DRILL RESULTS

A repetative succession of turbidite flows typical of the Middle Aldridge Formation was encountered from 610 m to 864.49 m. The succession was primarily comprised of proximal and intermediate turbidites, the former being represented by thick and medium bedded, coarse or medium grained quartz wacke bases and thin bedded siltstone or mudstone tops. Sedimentary features common to proximal turbidites include thick amalgamated bases, scours, vague current laminations, rip up clasts, and a general massive character. Intermediate turbidites were typified by medium and thin beds of interbedded fine and medium grained quartz wacke, siltstone, and mudstone, some scours, upwards grading, plane parallel and cross laminations, and minor load costs. Intercalated with the proximal and intermediate flows were distal turbidite flows which were typified by thin interbeds of fine grained quartz wacke, siltstone, mudstone, minor scours, plane parallel and cross parallel laminations, load casts, and a general thin bedded fine grained character. Any of the turbidite flows may be separated by thin or thick bedded mudstones or interturbidites and slumps which in the upper part of the hole are not prevalent. Also encountered in this interval was a fine grained altered sill of dioritic composition from 771 to 772.53 metres. This was followed by a heavily sheared alteration zone from 776.58 m to 786.45 metres. This zone was intensely altered by chlorite and quartz and was pervaded with quartz veins and veinlets, brecciation, with minor pyrrhotites and pyrite associated with the quartz.

A thick interval (864.49 m to 892.98 m) of distal turbidites underlies the intercalated intermediate and proximal turbidites, and is in turn intruded by a thick gabbroic to dioritic sill. This sill extends from 892.98 m to 1056.70 m, and it's upper contact is gradational changing from a siliceous fine grained wacke, to a fine grained chloritic-albitic wacke "mush", to a fine grained diorite to a medium grained diorite. Included within the sill are several "windows" of altered sediment represented by intensely silicified (cherty) quartz wacke and chloritized mudstone. Also included is an amphibolite (1031.98 m to 1034.30 m) and a distinctive interval of brecciated rock from 1035.27 m to 1047.24 m. This brecciated rock consists of blotches of biotite in a coarse grained matrix of quartz and feldspar giving it a

"leopard skin" texture. The matrix changes to a quartz-chlorite mush at about 1037.07 m with fine and ocassionally coarse grained fragments of hornblende commonly replaced by biotite. This "leopard skin" interval is foliated throughout. The bottom of the sill is fault bounded at it's lower contact where it is contacted with a fault breccia from 1030.04 to 1030.46 m.

Alteration within the bounding sediments is prevalent on either side of the sill. This alteration is seen primarily as quartz-chlorite-mica-garnet alteration closely associated with proximity to the sill and steep vertical fractures in the core. Also prevalent to the proximity of the sill is leaching (possibly albitization), which particularly in the hangwall of the sill intensifies with proximity to it, Knottenscheiffer alteration manifested by well rounded biotitic clasts in mudstones and siltstones, and lastly pyrrhotite, + chalcopyrite, + sphalerite along (hairline) fractures. quartz-chlorite-mica-garnet alteration is ubiquitous, is closely related to fracturing, and becomes more pronounced in proximity to the sill. Leaching is more directly affected by the sill and is seen approximately 300 m either side of it, but is most intense within about 90 m of the hangwall side, proximity to the footwall side has less effect on the intensity and this may be due to displacement along the fault contact. The Knottenscheiffer alteration occurs within 100 m of the hangwall contact and within 60 m of the footwall contact of the sill, again this difference in proximity between the footwall and hangwall sides may be due to displacement along the faulted footwall contact.

The rocks below the sill are markedly different in character than those above it. This is accounted for in the greater proportion of mudstones and siltstones overall, that is, the assemblage has changed from a predominance of proximal and intermediate, turbidites to a predominance of distal, and interturbidites. Also observed is a marked increase in the number of interbedded slumps.

Another change in the assemblage occurs at 1309.43 m, where a massive quartz wacke base grades up into laminated siltstone and fine grained quartz wacke. This interval marks the start of a sequence of thick, commonly graded turbidite bases interbedded with distal and inter-turbidites, slumps, and thin calcareous beds. This sequence is culminated with a massive interval of thick bedded turbidite bases with regular, medium, interbedded slumps, from 1415.62 to 1435.10, beneath which is a thick interval (1435.10 to 1482.35 m) of laminated siltstone, and laminated and non-laminated mudstone with thin interbeds of limy siltstone, silty limestone, and rare thin interbeds of intra-formational conglomerate. This siltstone-mudstone interval is rich in Fe-sulphides in the form of pyrrhotite disseminations, blebs, stringers, and laminations. Given sulfide rich intervals contained laminations upto 1 cm wide at a frequency of 1 to 2 per cm with the sulfide content varying from 2% to 20%.

At 1482.35 m is the top contact of a thick intraformational conglomerate consisting of rounded to angular clasts of mudstone, siltstone, and pyrrhotite (+ chalcopyrite). Clasts range from very coarse grained to pebble size and make up anywhere from 15 to 55% of the fragmental. The pyrrhotite clasts consist of mudstone or siltstone clasts with disseminations, blebs or laminations of pyrrhotite and semi-massive or massive clasts of pyrrhotite. These sulfide clasts make up 5 to 25% of the conglomerate. The matrix is primarily siltstone or rarely very fine grained quartz wacke. Within the

conglomerate are two interbeds of interlaminated siltstone and/or mudstone at 1482.94 m to 1485.15 m and 1490.06 m to 1491.10 m. The first contains 1 to 2 pyrrhotite laminations per cm with laminations upto 3 mm wide resulting in an overall sulfide content of 10 to 15%. The second interval is sulfide poor with less than 1% pyrrhotite. The conglomerate grades down into an interval, from 1520.90 to 1526.98 m, of interbedded mudstone and muddy siltstone with ocassionally clasts and slumps, and 5 to 10% disseminated pyrrhotite, which is in turn underlain by a sequence of thin and very thin interbeds of fine and medium grained quartz wackes, siltstones, and mudstones. This unit contains disseminations and ocassionally laminations of pyrrhotite throughout regular thin interbeds of calcareous siltstone, and rare slumps. It began at 1526.98 metres and continued through to the end of the hole at 1550.30 m.

### 7.0 SUMMARY

The hole encountered typical Aldridge rocks throughout, with a fining of the sequence just below the sill at about 1030 m. This change is interpreted as a transition from high energy turbidite deposition to low energy turbidite deposition, indicating a change in tectonic activity and the rate of sedimentation. The geological history has been interpreted as follows:

Initially sediment was being slowly deposited as thin distal turbidites. followed by a period of very quiet deposition. This period of quiescence deposited a thick interval of mudstone from 1520.90 m to 1526.98 m. During this time there was some subsidence causing the deposition of the slumps and clasts seen within the mudstone interval. This event marks the initial development of sub-basin formation and as it's formation progressed continued subsidence caused slope instability and the deposition of an intraformational conglomerate. This conglomerate represents a slope facies, probably distally located as it contains only pebble sized clasts. Since it contains numerous pyrrhotite clasts there were sulfides vented onto the sea floor prior to it's This period of conglomeratic deposition was followed by another formation. period of quiescence in which mudstones and siltstones were deposited over the distal fan facies. At the same time iron rich fluids were being vented onto the sea floor forming the numerous pyrrhotite laminations seen throughout the interval. Then a sequence of thick turbidites interbedded with slumps were deposited marking an increase in the rate of sedimentation which continued for This period of increased, yet moderate, sedimentation was frequently interrupted by periods of quiescence, during which time the numerous muddy and silty intervals seen in the section between the sill and the top of the mudstone-siltstone interval overlying the intraformational conglomerate were deposited. The sub-basin was slowly being filled during this period of sedimentation and the presence of slumps throughout the interval indicate the presence of a nearby slope facies implying the basin was not completely filled. Above the sill the rate of sedimentation increased again with the deposition of thicker, more frequent, and more proximal As well, periods of quiescence became fewer so the turbidite flows. proportion of silty or muddy intervals decreased. The sub-basin at this time had nearly been filled as is evidenced by the decreasing number of slumps implying a disappearing slope facies. This facies of repetative proximal to intermediate turbidites continued and was seen throughout the remainder of the The sills encountered in the hole would have been injected into unconsolidated sediment shortly after deposition, and the heat from the sills

would form convection cells around them. These cells would largely be responsible for the alteration around the sill.

#### 8.0 CONCLUSION

The hole encountered a thick sequence of repetative turbidite flows which fined down into a thick intraformational conglomerate, representing the base of a sub-basin. The discovery of this sub-basin is very significant in the model used because it is the area where economic quantities of sulfide would accumulate. The thick interval overlying the intraformational conglomerate is also important because it is enriched with stratiform iron sulfides in the form of numerous pyrrhotite laminations and disseminations. This interval may well represent the distal part of a stratiform sulfide apron associated with a Sullivan type ore body. The high iron-sulfide content is also reflected with the numerous sulfide clasts within the conglomerate.

The next exploration step would be continued drilling in an effort to determine if the sulfide rich interval is an apron to a large lead-zinc ore Additional drilling would be in the direction of stratigraphic thickening (i.e. the deepest part of the basin), and following the exploration model, that direction would be northward against the transverse Cranbrook Fault. Kink folds in olithostromes from the core also indicate that the direction of thickening is to the north. However, due to the depth of the mineralized interval in the hole the economics of a lead-zinc sulfide body, at todays prices, at that depth are poor. Thus the expense of such an exploration programme is hard to justify unless there is an upswing in the price of lead and zinc.

All core is stored in Granbrook warehouse rented by Mr. Leask love was logged by the author.

drilling for Arueture \_ no assays obne

# APPENDIX 1 STATEMENT OF COSTS

### STATEMENT OF COST

PROJECT DATE

TYPE OF REPORT

a) Wages:

No. of Days 40

Rate per Day \$ 105.30

Dates From: August 31 - November 30

Total Wages

40 x \$ 105.30

\$ 4,212.00

b) Food and Accomodation:

No of days

32

Rate per day \$51.27

Dates From: October 15 - November 15

Total Cost

32 x \$ 51.27

\$ 1,640.64

c) Transportation:

No of days 32

Rate per day \$ 44.49

Dates From:

Total Cost

32 X \$ 44.49

\$ 1,423.68

d) Instrument Rental:

Type of Instrument

No of days

Rate per day \$

Dates From:

Total Cost

X \$

Type of Instrument

No of days

Rate per day \$

Dates From:

Total Cost

X \$

f) Analysis
(See attached schedule)

g) Cost of preparation of Report

Author	\$ 400.57
Drafting	\$ 203.00
Typing	\$ 104.00

h) Other:

Contractor	Drilling	\$ 165,603.44
Contractor	Management Fee	\$ 5,648.47

Total Cost

\$ 179,271.80

e) Unit costs for Drilling

No of days

No of units 940 m.

Unit costs 190.71 / meter

Total Cost 940 × \$ 190.71 \$ 179,271.80

Assessment for this report on last 940 m. of hole. Total cost of hole was \$352,751.42 or \$227.58/meter over 1550 m.

# APPENDIX II STATEMENT OF QUALIFICATIONS

### STATEMENT OF QUALIFICATIONS

I, James McDonald of the City of Vancouver, British Columbia, do certify that:

- 1. I am a graduate of the University of Alberta with a Bachelor of Science in Geology.
- I have been steadily employed by Noranda Exploration Company, Limited since May, 1983.

James McDonald Geologist

Noranda Exploration Company, Limited

(No Personal Liability)

APPENDIX III

DRILL LOGS

DDH BAR 85-1

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2.7816	16.40	to 517.68 96%	'wackes'.	ned pink garn	ets occassio		edium	Blocky									
	5	to 20.73 100%	laminatin	ed medium gra g and scour.	ined. Occas Non graded	and upwar	rrent ds graded	Fractu O deg.	res at to C.A.								
6.40 6:	35.184 6	20.73 to 23.78 100%	laminated	acke' acke' interbe siltstone and Minor albit	dded with pl d mudstones.	A, D, a	lel	Bedding C.A. 7									

Date\_\_\_\_\_Logged By \_\_\_

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35.3046	541.73	635.98 to 639.02 92%	Same marker.		Same as	overlies	albitize		res to deg. to									

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- 1	į				Also disse			-			ļ		- 1	1		1	1
	!				out, +/- s	phl. appr	ox. 25%				i		ĺ		i	i	ĺ
			Same					<del></del>			<b> </b>			<del> </del>		-	ļ
1	]			o 653.97							i		1	1	1	1	
- 1	1	1	0.3.30 E	0 033.71	Clay-Albit before (cl	e alterat	ion as	1			į		1	1			
1	l	İ			albite).			ĺ			i			1	ĺ	1	
	<del></del>		Same			nated py.				<del></del>	<del></del>			<del> </del>		<del> </del>	<del> </del>
- 1	ļ	t	653.97 to	0 654.42	Quartz wac	ke nervad	ed by				1		1	1	Ì	1	
		ļ			quartz as	ne pervau	Du 15 +-				1		1	1		1	
		Ì			25% +/- sp	hl.	19 15 10			ĺ				1		1	

Date\_\_\_\_\_Logged By \_\_\_\_\_

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Date Collar	ed	Date Co	mpleted	Core Size	1		DIP TEST	S		PROPE	RTY			PROJECT	No.	N. T. S. No.	
	F	IELD C	O·ORDINA	TES	DEPTH	BE A	RING CORRECTED	RECORDED	GLE CORRECTED	<del>                                     </del>		SURVE	YED CO-OR	DINATES		Sheet	of
.at		Elev		Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat			Elev.	Dip		HOLE No.	
Dep	*	Length		Bearing		· <del></del>		······································		Dep.			Length	Bearing	<del></del>	$\dashv$	
From	То	Recovery			Description		<del>1</del>			%	Est.			T	AS	SAYS	
								Str	cture	Sulph.	Grade	SAMPL	E.No. Width				
			Same 650.75 t	. (50.02													
			03U./3 E	0 650.93	Quartz waci quartz. P	ke pervad V approx.	led by 5-10% n			İ İ		1	į				
					quartz veli	ns.						ļ					
			Same 655.93 to	- 454 31				_						1			
			022.93 6	0 030.21	Albite-clay	y alterat	lon py > 1	4								}	
		Same									<u> </u>		<del>  </del>				
		656.21 to	o 657.14	Medium gra:			•									İ	
	]			with minor 0-20 deg. 1													
		Same				% +/- sph								· · · · · · · · · · · · · · · · · · ·			
		1			some py and			1						1 1			
					veining.								:				
			Interbed		Medium a	nd thin						-					
7.14	668.77	ļ	interbed	s of medium	and fine grain	ed 'quar	tz wacke'	.						1			ŀ
		ŀ	Siltstone	e and mudstor	ne. Scours, p r load structu	lane par	allel			J			ŀ	}		1	
			Same	ONS AND WIND	A with I			<del>                                     </del>	-				<del></del>			<del> </del>	<del> </del>
		Ì	659.08 to	659.81	Thin bedded											-	İ
-		!			'quartz wad	ke' and	siltstone	` <b> </b>		-							i i
					marked by v	ery thin	laminatio	ns			i			]		1	
			Same		of pyrit		r albite										
			661.00 to	. 661 69	alteration.						- 1					Ī	1
i i	ĺ	001.00 60	9 001.42	Alteration wacke of qu			İ	į		İ		į			į		
			Same				Py 2-3%						<del></del>	<b></b>			
		Γ			with minor	galena.	•		}								
1	i		661.42 to	662.23	Albite-clay	alterat	ion. Py			İ			<b>[</b>				
(f f0@ - 91	i	i			1-2%, +/- g	alena.					l						

Date\_\_\_\_\_Logged By\_\_\_\_\_

Date Colla	red	Date C	ompleted	Core Size			DIP TEST	S		PROPE	RTY				PROJECT	No.	N.T.S. No.	
	F	IELD C	O-ORDINA	ATES	DEPTH	BE A	RING		GLE	1		SLIBVE	EVEC	CO·ORDI	NATES		Sheet	of
.at		Elev		Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lot		30.41	Elev	COOKDI	Dip	·	HOLE No.	OT.
Эер		Length		Bearing			<del> </del>			L							11000 100.	
	γ	124	,	1500						Dep.	, <u>-</u>	<u> </u>	Lengi	n	Bearing		1	
From	To	Recovery			Description			\$1.	cture	%	Est.	SAMPL	F No	Width		ASS	AYS	
										Sulph.	Grade				Ì			ĺ
			Same	((0.53				Blocky										
			664.85	0 668.57	Alteration Quartz, ch	zone. A	Albite,	_				ļ	ŀ					
		<u> </u>			and minor	zalena di	lsseminati	ons.		1			- 1	1				
			Same		Fractur	es at 0-3	30 deg.	Blocky	<del></del>									l
			668.57 t	o 669.32	Albite-cla	y alterat	ion.			[		Ì	- 1					İ
	1			•										1	ļ			
			Marker		Albitiza	ation.		Blocky										
68.79	669.23	•						Beddin						1				
000.77							C.A. 8	Ž deg.				l						
	661.59	Same		Same as	overlies	marker.	Blocky	**				$\dashv$						
9.234	678.62	to	669.32 t	o 675.58	Alteration			2200.1,					}					
		666.4	•		and quartz	with thi	n interva	Ls		1 1			-					
		100%	Same		of albite-c	lay alte	ration.											
		to	674.58 t	0 672.42	Zone of str	ona alhi	te-clay	Blocky Beddin		! !			- 1	i i	1			
	ľ	671.34	-		alteration,	with fr	actures	C.A. 78	der.									
					and quartz	veinlets	at 0-10							ł	l			
i			Same		deg. to			Blocky										
					and minor o			İ			ļ			J				
ĺ		İ			fractures. fractures a	ry and . nd veinl	along ete with	İ		İl	j		İ	İ	j			
			Same				s in rock	<b>41</b> 2.					$\dashv$		<del></del>			
			672.01 t	o 672.04	Minor fault	gouge a	nd breccia								ľ			
	ļ				chlorite, c	lay, and	silica,				l							
		676.22	Como		minor slick	s py, po	<1%.	1										
		6/6.22 to	672.42 t	0 776 71		6 abd= 1		Blocky		İ								
		680.79	0/2.42 €	0 //0./1	Intervals o albite-clay			Bedding C.A. 82			i			1	i			
		1			minor disse	minated	py and no.		ueg.					1				
LOG	<u>_</u>				cpy along o						l							

Date\_\_\_\_\_ Logged By \_\_\_\_\_

Date Cotlar	red	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJECT	No.	N.T.S. No.	
	F	IELD C	O-ORDINA	ATES	DEPTH	BE A	RING CORRECTED	RECORDED	GLE CORRECTED	1		SURVE	YED CO-	ORDIN	NATES	· · · · · · · · · · · · · · · · · · ·	Sheet	of
.at		Elev		Dip					CONNECTED	Lat			Elev		Dip		HOLE No.	
Оер		Length		Bearing						Dep.			Length		Bearing	<del></del>	1	
From	To	Recovery		<del></del>	Description		<del></del>	\$14.	cture	%	Est.	SAMPL	F No. Widt	$\Gamma$		ASS	AYS	
		,						3111	CTUT	Sulph.	Grade							ļ
			Same 676 71 4	0 677.81	7220 25 21	1						İ		İ				
	ļ		0/0./1	0 0//.81	Zone of chi alteration					}		1		1	}			
		L		0-10 and 45 de	eg. with slic						1	<u> </u>						<b>_</b>
		680.79	Same			t all und		Blocky			Ţ	I						1
	by albitization about 685.67 678.72 to 681.16				beddin			İ	1						Ì			
		Zone of all			C.A. 7	2 deg.	ļ		ŀ		- 1				1			
		quartz vei						<del> </del>	<del> </del>						<del> </del>			
		some wea	athered a	nt albite			ŀ	1										
	[		684 89	o 688.45	Zone of al	taration	a1b4ta_01			1	İ	1	1	- 1	1			1
			004.07	.0 000.43	quartz, ch						1	l	Ì	- 1	ł			
			Same		Py, po													
	ļ		689.35	o 690.94	Zone of fra					1	ļ			1	- 1		!	
					quartz vei	ns and al	bitizatio	n .		ĺ		1			1			
		ļ			Py po < 1%					ļ	ļ			-				+
		1 1	Same	o 689.63		1		_		1				- 1				
			009.43	.0 009.03	Fault gouge alteration		d chiorit	e			i					:		
			Same					Blocky	to	<del> </del>		<del> </del>						<u> </u>
			689.35 t	o 691.86	Fracture zo			1			1				- 1			1
		!!!			0-10 deg.,							!					!	1
		$\vdash$	<u> </u>	<del></del>	Minor quart				-10, 40 de	g.	ļ	ļ					<del> </del>	<del> </del>
- 1			Same		chlorite			Beddin										
					carbonate.	rew to	no sulfide	es.C.A. 8	4 deg.			ļ						
		685.67	'Quartz				0-100cm),	Blocky			<del> </del>	-		+				†
78.62	697.55	to		•	hin interbeds	of silt	stone and				1	1					}	
[		689.93	mudstone	. A with C a	ind E tops.												1	
ILL LOG · 0		لــــــــــــــــــــــــــــــــــــــ								l	Щ.	<u> </u>					L	ــــــــــــــــــــــــــــــــــــــ

Date\_\_\_\_\_Logged By \_\_\_\_\_

Date Collar	ed	Date Co	ompleted	Core Size		(	DIP TEST	S		PROPE	RTY			PROJE	CT No.	N.T.S. No.	
	F	IELD C	O-ORDINA	TES	DEPTH	BE A	RING	RECORDED	GLE			SURVE	YED CO-O	RDINATES	5	Sheet	of
Lat		Elev		Dip					254442725	Lat.			Elev.	Dip		HOLE No.	
Dep		Length		Bearing						Dep.			Length	Bearing	q		
_						<del></del>	<del>*</del>		·	%	Est.	SAMPL	E No. Width		A:	SSAYS	
From	То	Recovery			Description			Stru	cture	Sulph.	Grade	SAMPL	E. NO. WIGTH				
		89.93 to 94.82	695.98 t	o 696.34	Minor albit		tion in	Blocky Beddin C.A. 8	g to								
								-									
		mudstone and siltstone with weathered albite crystals Same and a thin quartz vein a			one with												
			Same		and a thin quartz vein at 25 deg. to C.A. with pyrite and cpy, approx. 35% of vein.		•										
697.55	708.28			rained with sco				Blocky									
708.28	710.35	to	stone.	ined 'Quartz wa	Thin bedded medium and Quartz wacke' and siltstone and mud- ional scours and plane laminations.												
		07.88 to 09.91	Same Alteration		Blocite alteration in siltstones Bedo		Blocky Bedding C.A. 89	g to									
710.35	717.27	14.94 96%	stone, s	with thin inter		bedded, m ltstone a											
						Blocky Bedding C.A. 8	g to										

Date	Logged B	Ву	
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Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST			PROPE	RTY				PROJEC	T No.	N.T.S. No.	
	F	IELD CO	O-ORDINA	TES	DEPTH	BE A	RING CORRECTED	RECORDED	GLE CORRECTED			SURVE	YED (	COORDI	NATES		Sheet	of
-01		Elev		Dip						Lot.			Elev.		Dip		HOLE No.	
Dep		Length		Bearing						Dep			Length		Bearing			
	τ.				Description					%	Est.	SAMPL	E No	Width		ASS	SAYS	
From	To	Recovery		'	Description			Sir	ucture	Sulph.	Grade	SAMPL	E 140.	wigin				
		19.82	Interbed			dded (5-1		Blocky	7									
17.27	725.00			s of medium an			1											
1		24.70		e grained 'qua				I <b>-</b>				1	- 1	1			İ	1
	-,	100%		Some mudstones		to 13 or		<del></del> -		-		<del>                                     </del>		<del>-</del>			1	1
	i	24.70		quartz clasts	.				1	- 1					1			
		to 29.57		ntacts, plane						1	l	ļ						
	,	97%	laminati		-1000				l	ł								
		7.2	Same		thickly	Blocky	,									Į		
			laminate	ed. A, C, D, a				1 1			ŀ	ł	- 1					
-			turbidit															
			Same															
1			Alterati		albite alt			1			l	Ì		i				
					me quartz v					1		i .					1	
				cpy. In	medium grai					+	<del> </del>	<del> </del>	<del></del>	<del></del>			<del>                                     </del>	+
1		1	Same	C			inations.										Ì	
- 1					onate along 20 to 30 d			ł		1	1	1					İ	
1		1		Fractures	20 to 30 a	eg. to c.	Α.			1	!	i						
		<del>  </del>	Same		Anneara	nce of oc	cassional		<del> </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>						1
j		i i		terbed of medi				1			Ì	İ	j	İ				1
ļ		l í		e appearance o	1				1									
				Also very fin					1									
		! <u> </u>	Same		d				ļ					Ţ				
				slump. ' M						- 1								
İ			occassio	nally showvagu					1						1			
l				tstones and ve	ry fine gra			ļ	ļ	<b></b>					<del> </del>	+		
			Same		s.					1				1	1			
		j	So have	A, C, D, E; A,	D-E; and A						1							
		]								1								
1								1			l	<u> </u>						—

Date\_\_\_\_\_Logged By\_\_\_\_\_

Date Collar	<b>e</b> a	Date Co	ompleted	Core Size	1		DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N.T.S. No.	
		FIELD C	O-ORDINA	ATES	DEPTH	BE/	ARING		GLE	1		SURVI	FYFD	CO·ORD	INATES		Sheet	of
at		Elev		Dip	·		CORRECTED	RECORDED	CORRECTED	Lot			Elev		Dip		HOLE No.	
ep		Length		Begring	2523'	220°	<del></del>	82°		Dep			Lengti	<u> </u>	Bearing		-	
1		, I			769.21 m		<u> </u>			Cep			Langii	'	Bearing			
From	To	Recovery		r	escription				- 4	%	Est.	SAMPL	c	W: ALL		ASS	AYS	
		1		•				5171	ucture	Sulph.	Grade	SAMPL		Width				
		729.57			Thus ha	ve inter	mediate t	Blocky	,		<del>                                     </del>							
		to		urbidites.				Beddin		1	1	l		]				
		734.45	Alterati	lon: Thin to m	edium beds o	of mediu	m grained	C.A. 7	8 deg.	1		l						
$\longrightarrow$		101%		'quartz w	acke' often					ļ	ļ							
			Same		dissemi	nated py	, and are	}			İ							
- 1		to 739.33		commonly	overlain by	siltsto	ne or mud-	1				ł			,			
1		88%		stone tha	t has minor	albite	alteration	1		1		l						
-		00%	Same	over 2-10						<del> </del>	<del> </del>							<del> </del>
			Ваще	garnets in A horizon. Fractures at		Blocky	•	1										
ĺ					is in A horizon. Fractures at 30, 45 deg. to C.A. with carbonate					}		ļ		1				
- 1				chlorite	and no con	C.A. W11	n carbona	ce					1	1				ļ
		1	Same	<u> </u>	ite, and po. cpy (<1%). Also have quartz veinlets at same		-	• • • • • • • • • • • • • • • • • • • •							<del></del>			
1				angle to	C.A. with po	and ch	v (infre-	1										}
				quent).	w <b></b> p	o und ep	(1											
	·	39.33	Same					<del></del>										1
		to	737.86		Have fine g	rained o	last (lx0	Scm)						}	ļ			1
1		743.90			surrounded	by 30% r	o grains	7							ĺ	1		1
		992			across thir	interbe	ed 3cm wide						ļ	i	Ì			1
			Same															†
į			743.02		Have large	(3.5 x 6	cm) clast	i		i	i		i	į		i		İ
ľ					of semi-mas	sive po	with minor	:										1
		1,2 02			cpy at base										[			
		43.02	Same			ble size	siltstone											
i		to 148.93			clasts.			Bedding	g to		i		i	İ	j	İ		İ
		992						C.A. 8	l deg.		- 1				İ			
<del></del>		48.93	Same					<b></b>		<b></b>								<b> </b>
		to	744.60 to	2/4/ 80	Land land	_£ _L1 :	4.41	<b> </b>			į							
		53.96	744.00 L		Have laths			Bedding	-		ŀ				l	İ		
		98%			hornblende	medium g	rained,	C.A. 83	deg.		- 1							
LL LOG · 81					aligned (su	U) parall	er to C.A.						L					L

Date	Logged By	

Date Collar	ed	Date Co	ompleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	T No.	N.T.S. No.	
	F	IELD C	O-ORDINA	TES	DEPTH	RECORDED	RING	RECORDED	GLE CORRECTED	-		SURVE	YED C	O-ORD	INATES		Sheet	of
_at		Elev		Dip			COMME		CORRECTED	Lat			Elev.		Dip		HOLE No.	
)ep		Length		Bearing	ł		1			Dep.			Length		Bearing		_	
	To Recovery Description					L	<u> </u>	- J	l	%	Est.	T		T	<u> </u>	AS	SAYS	
From	To	Recovery		De	cription			Stru	cture		Grade	SAMPLI	E No. W	din				
59.02	758.84 mudstone thin bedded tops. A with thin E; beds 1- 99% thick, tops 2 to 5cm wide.					al siltsto	Blocky											
1						n thin E	beds 1-2m											ļ
		58.84	Same	•				Blocky										
	to 763.47 to 762.88 Quartz vein, minor po, also albite crystals, (sausseri- 1012 tized) albite alteration in [163.72] Same thin silt-mudstones 20cm					sausseri-	Beddin C.A. 8	•						-				
	763.72 Same thin silt-mudstones 20					1												
		to below vein. 768.90 87%																
			Interbed		Medium	and fine	grained											
762.88	771.00	1		wacke' interbedo						1 1								1
j				ps, rare convolu ded, beds 10cm t		ng. Mea	lum and											<u> </u>
			Same															
			Alteration	on: Mudstone ar albite alte														
				iated with														
Ĭ			Same					1					i	- 1				
	Same   carrying 10-25% py   disseminations with minor po and trace cpy. Also quartz veinlets with po an trace cpy.																	
															!			
	Sill Medium grained plagiocla							1									_	-
771.00	772.53		approx. pyroxene	35%, biotite (ar ) 40%, quartz 25	nde or .	20 deg to C.A	., 80 deg											
ILL LOG - 81			wacke as	<del> </del>				Blocky		11	L	L						

Date\_\_\_\_\_ Logged By \_\_\_\_\_

ate Collar	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJECT	No.	N.T.S. No.	
	F	IELD C	O-ORDINA	ATES	DEPTH	RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED			SURVE	YED CO	ORDII	NATES		Sheet	of
.at		Elev		Dip					COMMERCIAL	Lat.	***************************************		Elev		Dip		HOLE No.	
)ep		Length		Bearing						Dep.			Length		Bearing		1	
From	To	Recovery			Description			8	cture	%	Est.	SAMPL	E No. Wid	10		ASS	AYS	
										Sulph.	Grade							
			Same			re some v		Some s							}			1
				tary features, . aligned sub-p			rved. Lat	revers	se?									
		768.90	Interbe	ds	Same as	above 75	9.02 to	moveme	ent	<del> </del>							<del></del>	<del> </del>
772.53	774.51	to 773.78	771m. 3.78															
		99%	'Quartz Wacke' Medium grained, thick								<b> </b>		-+				+	
774.51	776.85			bedded with thin mudstone top											ļ			
		773.78 to 777.74 100%		75.02 to 776.06 Alteration zone. Pervaded by quartz with Chlorite (5%) and po, cpy (2-5%).				C.A. 2	res to									
		777.74	Alterat		Heavily	sheared,	Shears	Rubb1y	7									
776.85	786.45	to 781.40 73%	60-80%,	eg. and 45 deg. quartz 20-40%. Some slicks.	Minor po,	py assoc	iated wit	h										
			Same				<u> </u>	Rubbly	,									
			Same  777.74  A few centimeters of fault gouge.  Same  Zone shows brecciation healed by quartz veins. Also quartz veinlets occur			Shear's Fractu				_								
						to C.A	20, 30,											
Ì			throughout. Alteration weakens downward and grades into medium grained 'quartz wacke'.															
			Same	to 780.21	Rubbly													

Date\_\_\_\_Logged By\_\_\_\_\_

ate Collar	red	Date Co	mpleted Core Siz	Reduced to	BO @ 790	Om.	DIP TEST	S	<del></del>	PROPE	RTY			PROJE	CT No.	N.T.S. No.	
	F	IELD C	O ORDINATES		DEPTH	BE A	RING CORRECTED	RECORDED	GLE I CORRECTED	+		SURVE	YED CO-OR	DINATES		Sheet	of
.gt		Elev	Dip							Lat			Elev.	Dip		HOLE No.	
Оер		Length	Bearing	,			<del> </del>			Dep.			_ength	Bearing	)	1	
	<u> </u>		* * * * * * * * * * * * * * * * * * *			<del></del>	·····			%	Est.	SAMPLE	No. Width		AS	SAYS	
From	То	Recovery		Desci	ription			Stru	scture	Sulph	Grade	SAMPLE	, NO. WIGIT				
		781.40			Minor p	y crystal	s										
	ŀ	to 784.84	throughout.											1	ì		1
		727														<u> </u>	
			'Ouartz Wacke'			grained,	thick	Beddin	g to			l	ļ				1
786.45	790.24	to 789.33	bedded and alto	ered. Bloc	ky.			C.A. 8	4 deg.								
	l	90%										l			<u> </u>		
		789.33		•				Blocky									
·		to		hlorite-alb				.					į		1	1	
		790.24 111%		ith quartz v ut carrying				n-							1		
		1112	Same				um to fin	e		1				1	<b>†</b>		
			81	rained light						1			ļ	}	1		İ
				ntervals.						]		!				1	-
			Same	atrix and s			nent. Al			+	<u> </u>			<del>                                     </del>	<del> </del>	<del>                                     </del>	
				ericite occi									1		į		
		}		ith albite.				-				1					İ
				tions appro		erall. F carbonat				1	-			<del> </del>	<u> </u>	<del>                                     </del>	<del></del>
			Same F	ractures and				İ						1			
		! !		Fractures and quartz veins to C.A. 0, 20, 30, 45 deg.				1	! !				1		1		
		20, 30, 43 acg.			-	-		<del></del>	<del> </del>	ļ	<del> </del>	<del> </del> -					
					j												
					I		. 11. 1							ļ			-
700 24	811.61	790.24 to	Interbeds medium to very			medium b		Blocky Beddin			1						
50.24	011.01	793.29	common granule	to pebble	conglome	rate medi	um (to	C.A. 8									
		120%	thick?) interb	eds. Some an	e matri	x support	ed with a								<u> </u>		

Date\_\_\_\_Logged By \_\_\_\_\_

Date Collare	id	Date Co	mpleted	Core Size		(	DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N.T.S. No.	
	FI	ELD CO	O ORDINAT	ES	DEPTH	RECORDED	CORRECTED	AN RECORDED	GLE CORRECTED			URVE	YED	CO-ORDI	VATES		Sheet	of
q1		Elev		Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.			Elev.		Dip	, <u></u>	HOLE No.	
ер		Length		Bearing	<del></del>					Dep.			Lengti	<u> </u>	Bearing		1	
	(	Fo Recovery			escription	·	<del>'</del>		<del></del>	%	Est.	SAMPL				ASS	AYS	_
From	10	N OCCUPANT Y			escription			Str	ıcture	Sulph.	Grade	SAMPL	E NO.	Width				
	Same siltstone with altered ( near pebble size. Clast			(biotite d	k of muds quartz) s	ilt clast	s											
		near pebble size. Clasts approx. 25-3  clast supported comglomerate with gran  of quartz a  The matrix supported conglomerates app			granule	size cla	: c					$\perp$						
		The matrix supported con are mud flows due to vag												}				
			are mud flows due to vague of stone interbeds contain this			luted bed	ding. Mu	i-	···									
į	İ	}											ļ					
					<del></del>								_					
	17	93.29 to	Same Alteratio	n: Quartz wa	لـــا ckes and co	mglomerat	es in gra	Blocky	,									
		96.34 100%	3.E	or clast	supported v um grained	arieties	commonly	ł										
			Same		from 1	-8%. Hav	e common	Beddin	g to C.A.									
1				biotite a	lteration o and minor o	f grains	and albit	e 81 des										}
					with py di													
	7	96.34	Same		or les	s. Also	have trac	e										
}		to			trix. Seri									1				
		799.39 1032			in matrix s	upported	conglomer	ates		İ	i		ĺ	İ	į			
		1032	Same	nave appro			nd mudsto						-					
ŀ	- 1	Ì		clasts re	latively un						- 1		İ	1				
- 1	ļ	angular medstor			edstone cla	st in mat	rix suppo	rt-		. !	-			ł		ł		
				ed conglor	merate and													
		ŀ	Same	linized. 793.24.	may be These occu	slightly r at 791.												
	1			793.24.						]	1					'		

Date\_\_\_\_\_Logged By \_\_\_\_\_

Date Coila	red	Date C	ompleted	Core Size	1		DIP TEST	S		PROPE	RTY			PROJEC	T No.	N.T.S. No.	
	F	IELD C	OORDIN	IATES	DEPTH	BE A	RING	RECORDED	GLE CORRECTED	<b>†</b>		SURVE	YED CO-O	DINATES		Sheet	of
at		Elev		Dip			COLLEGIC	RECORDED	CORRECTED	Lot.			Elev.	Dip		HOLE No.	·
Эер		Length		Bearing				· · · · · · · · · · · · · · · · · · ·		Dep			Length	Bearing		7	
From	То	Recovery			Description		<u> </u>	Τ.	l	%	Est.	SAMPLE	No. Width		AS	SAYS	
TIOIN	"	·						Str	scture	Sulph.	Grade	SAMPLE	No. Wigth				
			Same			ve thin a		Blocky				[					
		to  802.44	1		crystals of			1		1				1 1			1
		982	Ì		793.31 and			Beddin	•	1 1			ļ			ł	1
	<del></del>	802.4	<del>}</del>	····	sub-paralle			C.A. 8	1 deg.	<del>   </del>				<del> </del>			
		to	<b>!</b>				ntain up							į l			ŀ
		805.4	4		10% dissemi			re					ŀ				
		97%	[		OCCUES Prof			l						Į į			
		805.4	•		in mudsi	one and	occurs	Blocky						7 1			
		to			primarily a	s fine t	o medium			1 1				]			
		808.2	<b>j</b>		grained all			1		i i				1		i	1
	_	1			Some also s	how stro	ng albiti	-								i	
					zation.	These 1	nterbeds a	ire									
			1		whitish and			ſ					1	1			1
					contain son	ne distin	ct albite	1								İ	ı
		222			crystals.									I			
		808.2					artz occu						1				1
		to	l		along veinl			Beddin		]							
		811.28 98%	Ť		C.A. 0-10 d				4 deg.							-	ŀ
		811.28	Fractur	7	Fractures a		. 0-20 de							<del>  </del>			
810 61	816.94	to		carbonate vein				Rubbly					1				1
10.01			Quartz-	hl. Common clu	s caroughout	miru bo	and LIACE	Beddin									
į		90%		lorite along fi				C.A. 8			į		İ	i i		İ	i
		814.3		drong 11	or less.		- PJ 1/0	J 0		<del>  </del>			+	<del>                                     </del>		<del>-  </del>	+
ĺ		to		to 812.74	Breccia wit		tized			1			- 1	1			
		817.38			angular fra												
İ					x 7mm. Bre	_	-	j			į			į į			İ
		817.38	Same		Calcite.		<del></del>	Beddin	g to					1			
		to						C.A. 8	3 deg.		1			1 1			
l		820.43						Blocky	_					1 1			
		99%	i					1			- 1		1	1 1			1

Date\_\_\_\_\_\_Logged By \_\_\_\_\_\_

		1		ì			DIP TEST	5		PROPE	n i i				PROJEC	3 1 1 <del>4</del> 0.	N. T. S. No.	
1	FII	ELD CO	O-ORDINA	TES	DEPTH		RING CORRECTED	RECORDED	GLE	<del>                                     </del>	SL	RVE	YED	COORD	INATES		Sheet	of
Lat		Elev		Dip						Lat	· · · · · · · · · · · · · · · · · · ·	1	Elev		Dip		HOLE No.	
Dep		Length		Bearing						Dep		L	ength		Bearing		1	
		1		_				T		%	Est					ASS	AYS	
From	To	Recovery		Des	cription			Stru	cture	Sulph	Grade SA	MPLE	No.	Width				
	1 7	320.43	Interbed			above f		Blocky						Ì	_			
816.94 822	8	323.48		ol to 816.94. Also coarse grained			ion of	beddin C.A. 8						:				
			Same	WALKE	with so	ıb-rounde	d clasts											
				z, siltstone and ion: Same as abo			L									1	!	
			Alterati	have greate											<del></del>			
		}	Same	10 to 20%. Alb:		e and bid												
			siltston		LC1ZBC10H	or mudste	ones and	-			ł		ŀ					
					T.,	<del> </del>	<del></del>	<del> </del>					-					
822.87 829		323.48		edded, lithic wa			e grained, quartz	Blocky			1							
		326.52 8%		and thin to med:														
		-	Same			enses of m	nudstone				j			}		i i		
		- 1	with kno	ttenscheifer alt	eration.						- 1							
		į	Alterati	on: Same as ove														
	1	326.52	Same	. (0)	_	nvoluted	-											
		o 129.57	in silts	tones. (Shows v	ague conv	oluted be	edding)											!
	9	82													~····			
829.31 835	5 50 8	29.57	Interbed		_	dded fine		Bedding	•				ı					
629.31  633		32.62	_	rained quartz wa udstone, well be			with	C.A. 81	deg.				-	ļ				
		8%		ut with sharp														
			Same			s. 830.3												
				Interval of the succession of s														
			conglome				0											

Date\_\_\_\_\_Logged By \_\_\_\_\_

	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N. T. S. No.	
	1	FIELD C	O-ORDINA	ATES .	DEPTH	BE A	RING	RECORDED	GLE CORRECTED			SURVE	YED C	O-ORDI	NATES		Sheet	of
Lat		Elev		Dip						Lot.			Elev.		Dip		HOLE No.	
Dep		Length		Bearing						Dep			Length		Bearing		1	
From	To	Bacoury	Recovery				<u> </u>			%	Est.					ASS	AYS	
From	10	Necour y			escription			Str	cture	Sulph.	Grade	SAMPLI	ENo. W	idth				
		835.67 Same		60%. Alternation the base a very top. Also	el to be ered beds and thin sildissemina	tstone or	Blocky											
			py and minor thin interla approx. 2% overall. 35.67 Same			s of py.	Ру											
		835.67 to 838.72 100%		fractions	Albitization of finer grained fractions. Wackes contain abundant biotite 15 to 30% & sericite 5 to 10% and contain carbonate	veins	res and to C.A. to 10 deg											
			flooding Py disse	the matrix and with minor ch	and con rix and along fract minor chlorite asso d throughout, more		onate ome quartz ith it. clying	Blocky to C.A.	bedding 78 deg.									
			less ove	Py disseminated throughou Same less overall. Siltstones		ne graine	altered											
			is promi	inent along wit	sub-parallel to bedding the bottom 40cm of unit quartz flooding tong with more intense albitization the 'quartz wackes'. Medium grained	g												
			Same		pink ga	rnets are	common.											

Date\_\_\_\_\_Logged By\_\_\_\_\_

Date Collared F1		Date Co	mpleted	Core Size		PROPE	RTY			PROJECT	No.	N.T.S. No.						
		IELD CO-ORDINAT		ATES	DEPTH	BEAT RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED		SURVEYED CO-ORI			DINATES		Sheet	of	
		Elev		Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat			Elev.	Dip		HOLE No.		
Dep		Length		Bearing					f	Dep			Length	Bearing		7		
		<u>,                                    </u>		<del></del>				1	<del></del>	%	Est.				ASS	SAYS		
From	To	Recovery			Description			Stri	ucture		Grade	SAMPL	ENo. Width					
		838.72				to thick		Blocky										
		to	coarse g	grained quartz	wacke (with	lesser	fine and				İ	!					ļ	
835.59	864.49			grained fraction	ons) with so	me inter	beds of				i	ĺ						
		100% 841.77		wacke', coars						├				<del> </del>		<del> </del>		
		641.//		nded fragments		lum grain		1		ł				]		İ	1	
		844.82	hedded	interbeds of s	iltstone-mud	irii to mei	dium A and F	1		]				]				
		100%		me B and C. B			n and 1	İ .		1						1		
		844.82	Same		plane p	arallel	lamination	1	,									
		to	in a fir	ne grained 'qua	artz wacke'.	Also sl	lumps with					i		1		ļ	1	
		847.87		ted bedding. A		)) shows	plane	- 1		ļ		1		1		1	[	
		96%		l lamination or						<del> </del>	<b> </b>			ļļ.		<del> </del>	<del>                                     </del>	
		847.87				reless.												
		to 850.91	Alterati	ion: Same as a				1		ĺ	1	i	1	1 1		i	Í	
		100%			re more sili	cous (1.	e. more			1	1	ŀ	1	1 1		i	ļ	
		B50.91		quartz	floodin	g) and th	hev have			<del> </del>	<del>                                     </del>	<del> </del>		<del>                                     </del>		<del>                                     </del>		
		to	<del>-</del>	good albi	te alterati					1			1	1		į.		
		853.96			abundant pi			}			l	ŀ		i I		1	İ	
		97%		Quartz-ca	rbonate					l				l		1	<u> </u>	
		<b>B53.96</b>				ontain po		Veins t										
		to			e gal. and		arnets	C.A. 0	to 10 deg	ŀ	ĺ			j			1	
į		B57.01		become ra	ire around 8	47.50m		1		1		1		] ]			1	
		100% B57.01			<del></del>	····		<del>                                     </del>	<del></del>		├──			<del>                                     </del>		<del>                                     </del>	<del> </del>	
		to											İ					
}		861.89	848.66 t	o 850.21 High	ly altered	'wacke'	or (sill?)						-					
į		100%	Remnant		ite 45 to 6			İ		<b>i</b> i	İ	İ		j i		İ	L	
		861.89			25 to 3	5%, Quar	ctz											
İ		to		15 to 25%	. Albite a	lso occur	s as		•	]			[				1	
1		B66.77			porphyrobla													
		99%									<u></u>					1	<u> </u>	

Date	Logged By	
Dai 6	LOUGE OF	

Date Collared Fi		Date Co	mpleted	Core Size	I	DIP TESTS								PROJECT	ło.	N.T.S. No.	
		IELD C	O-ORDINA	ATES	DEPTH	BEA	RING	RECORDED	1		SURVE	YED CO-OR	DINATES		Sheet		
		Elev		Dip		400000	CORRECTED	RECORDED	CORRECTED	Lat			Elev	Dip		HOLE No.	of
Dep		Length		Bearing						Dep			Length	Bearing			
							1	1	<u> </u>	%	Est.	1			ASSA	SSAYS	
From	То	Recovery		•	Description			Stri	ucture		Grade	SAMPLE	E No. Width				T
			Same			as some q	uartz	Blocky									Ĭ
			veining	g and flooding.													
		866.77 Interbeds				nterbeds	of fine	Blocky	Blocky			<u> </u>					-
		to	and med	dium grained 'q	uartz wacke	rtz wacke' with Lesser						1	]				
864.49	892.98	871.80 98%		one. Siltstone d'quartz wacke		to very f	ine										
		871.80	Same			y laminat	ed and	Beddin	g to								
		to		lane parallel l				C.A. 6	4 deg.	1 1		ļ	1				
		876.52		rhythmic silts	tone with k	nottensch	neiffer.			1 1		1					
		99%	altera	ti <u>on.</u>						<b>  </b>				<del>                                     </del>			
		876.52		to 892.98		lar very	thin to			}		l		1	1		
		881.40		to 092.90 nterbeds of lig	_	•						1		!	1		
		90%		one with 8 to 1	oz dissemina	ited	acke of					ŀ	1	]	ĺ		
		881.40			pyrite.					1				t			
		to	Alterat	tion: Same as			e garnets	.									
		885.67			ain with all					1		]		ł I	[		
		87%								l							<u> </u>
		885.67	Same			in mediu		Beddin				ļ ——					
		to			'quartz wacl			C.A. 7	6 deg.				1				1
į		890.55		'flooding	g' in medium	n grained	wackes.	İ		i i		i	ĺ	i i	i		İ
l		100%							<b></b>					1			↓
		890.55	Same				parallel	1									1
1		to		tions with uncor	1		]			1							
i		892.88	rare so	ours. Disfal	turbidite			i				i	1	i i	i		i
		92%												ļ			-
1		892.88	Same		B - C -	D minor	E.						1				
		to										l	1				
		897.26											1		l		
RILL LOG - 8		104%								لـــــا		L					1

Date\_\_\_\_\_ Logged By \_\_\_\_\_

Date Collar	ed	Date Co	ompleted	Core Size	DIP TESTS					PROPE	RTY				PROJE	PROJECT No.		
FIELD CO-C		O-ORDINAT	ES	DEPTH BEARING			ANGLE				URVE	YEC	CO·OR	DINATES	INATES		of	
Lat		Elev		Dip		RECORDED	CORRECTED	RECORDED	CONTICIO	Lot.			Elev.		Dip	Dip		
Dep Length		Bearing			<del>                                     </del>			Dep			Leng	th .	Bearing		1			
5	<b>T</b> -	Recovery		ne.	cription		·		Structure			SAMPL		No. Width		ASS	SSAYS	
From To		Necora y						3171		Sulph.	Grade	34MT L		***************************************				
			Sill Dio	ritic		is very							1					
		to 901 - 52	gradation	nal from a very grained 'mush'	silicous	tine grai	ned wacke						1					
0,2.,0		99%	grained	wacke'	or curor													
		901.5	Same				d diorite											
- 1		to		um and coarse g										[	]			
		100%	35%, Q	uartz 25 to 35%	, hornble	hornblende-augite? 30 to												
			Same		Approx.	70cm to	100cm											
		to		de of gradution	al contac	t are abu	ndant											
}			i .	ssing veins of	carbonate	which ca	rry some						- 1		l			
		96%	po and cp Same	оу	luging a	ro 20 doo	., 55 deg											
		to		85 deg. to C.A.				` 1					- 1		•			
		916.16 96%		rbonate veins t				<b>/</b> ·										
		916.16						Blocky					1					
İ		to	910.99 to	911.28			siliceou	3					İ					
1		921.34 96%				sedimen	t very th serici	- 46										
		921.34	Same		parting		Cir Scrici	Blocky	to									
l		to	911.28 -		Gradual decrease in quartz			Rubbly										
[		923.48 96%				o 15% and ritized m	increase											
		923.48	Sama		to 45 to		atrix	Blocky	······································	<del>  </del>						<del> </del>		
ĺ		to	929.20 -			imate) Si	11 fines	BIOCKY										
İ		927.44				i, gradat				] [	ļ		- 1					
		90%		······································		y coarse		-										
İ		927.44	Same		bedium o	coarse	grained.	Blocky										
		to 928.96														1		
		105%																
RILL LOG - 8	1																	

Date\_\_\_\_\_Logged By \_\_\_\_\_

Date Collared		Date Co	mpleted	Core Size	Ī	S		PROPE	RTY			PROJECT	vio.	N.T.S. No.			
		FIELD C	O-ORDINA	ATES	DEPTH	BE A	CORRECTED	RECORDED	GLE CORRECTED	1	5	URVE	YED CO-OR	DINATES	SI	Sheet of HOLE No.	
		Elev		Dip			30		30	Lat.		1	Elev	Dip	н		
ер		Length		Bearing						Dep		<del></del>	Length	Bearing			
		1		<u> </u>		<u> </u>	<u></u>		l	%	<b>.</b>				ASSAY	S	
From	To	Recovery	•	(	Description			Stri	cture	Sulph.	Est. Grade	SAMPLE	No. Width				
		928.96	Same														
1		to		to 933.84			th 1 - 2%										
		942.07			py and	10 to 15	po.										
		942.07	Same		<u>1</u>								<del></del>	-			
ĺ		to	Jame												1		
1		945.12											1		]		
		95%			<del></del>					<u> </u>							
1		945.12												1	İ	i i	
Í		to 949.70								l l		ı		İ		į	
1		872		•							i 1		1				
		949.70					·····										
- 1		to			<del></del>			-		1 1		!	1	1	i	}	
1		952.13								[	·					ĺ	
}		952 952.13	<del></del>							<del>                                     </del>							
- 1		to	······································							1 1	]			ĺ			
		956.71								1 1			1		j		
- 1		102%								ļ ļ	- 1			İ			
		956.71	Same														
		958.23	95%								-				ļ		
		123%						İ			j		1 1	1			
<del>+</del>		958.23	Same							<del>                                     </del>				<del></del>			
- 1		to		o 960.28	Gabbroi	c-sedimen	t 'mush'	İ			- [			Į			
}		967.68			as found	d near co	ntact						j	i			
		80%		zones_of h	ighly alter	ed_sedime	nt and							<u> </u>		<del></del>	
- [		1 1		· · · · · · · · · · · · · · · · · · ·		xed toget		1			-		} }	†	}	1	
- 1						remaspar- de Brecci	chlorite-										
				veined	with quartz	and calc	ite.				1			i			

Date Colla	red	Date Co	ompleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N.T.S. No.	
	F	IELD C	O-ORDINA	TES	DEPTH	BE A	RING CORRECTED	AN RECORDED	GLE CORRECTED	1	- :	SURVE	YED CO	ORDI	NATES	<del></del>	Sheet	of
Lat		Elev		Dip			CORRECTED		CORRECTED	Lot.			Elev.		Dip		HOLE No.	
Dep	······································	Length		Bearing	972.86m	228 deg.	<del> </del>	81.5 deg.		Dep			Length		Bearing	<del></del>		
	To Recogni				<u> </u>	<u> </u>	L	<u> </u>	l	-	T	1		$\top$		ΔSS	SAYS	
From	To	Recovery		De	scription			Stru	ıcture	% Sulph	Est. Grade	SAMPLE	No. Wid	in  -	<del></del>		7.13	T
			Same		Breccia	ted with	angular	Blocky	,	+							<u> </u>	1
		}	fragment	s of chloritize	d mudstone	along fi	ractures	, .	res to								1	1
		1	at 0 - 1	0 deg. and 26 d	eg. to C.A	. Fragme		0 deg.			ĺ	İ	J			1		
			granule					25 - 3	0 deg.								ļ	<del> </del>
		967.68				le sized		Blocky	,	1		1	1	i				1
		to		d with calcite	and lesser	quartz v	vith no po	·		1 1	1		İ	- 1				1
		969.82 78%	and cpy.															
		969.82						Blocky	,									
		to		0 978.15	Fault Z					j i		1	İ				Ì	
		974.70		ubbly to Blocky					1 1		1				i		1	
		61%		eg. to C.A. and					·	1							<del> </del>	<u> </u>
			Same			show dip		Fractu		j 1		1	ì	ĺ			}	
				ovement. Also				0 - 10		1								1
				arbonate along :	fractures.	Minor p	y along	25 - 3	0 deg.			ŀ		1				
		l	Same							1		<del></del>					· · · · · · · · · · · · · · · · · · ·	
			970.22 C	alcite lined fr	cture wit	h small a	ngular			1 1		1						
			f	ragments of sil	shows ap	prox. 7cm	of				li							
			_	ormal movement.	·	-											l	1
		974.70	Same															1
		to	976.62 to	0 977.47	Fault b	reccia an	gular to			1								1
!		72.27	Şı	ub angular frago	ents of s	ill and q	uartz up	1			l		ı				İ	İ
		75% to  772.27 pebble or cobble size to calcite with minor quartz along veins with 982.93 to 5% py. Fragments aligned at 30 dcg. an 100% 0 deg. to C.A.  982.93 Same					·											<b></b>
							size	Blocky		1								
							ns with 2			(							1	1
	'						deg. and	1			l		l	İ	i		İ	İ
																	<del> </del>	
					J _			1						1				1
- 1		to 998.32 to 1015.28m Fracture zone rubbly 991.77 throughout. Fractures at 0 to 10 deg., 2						1						1				1
1		91.77	t)	hroughout. Frac	tures at	0 to 10 d	eg., 20							1		,	1	1
RILL LOG · 8		99%	t (	o 25 deg., 45 de	g., 70 de	g					لــــــــــــــــــــــــــــــــــــــ						<u> 1</u>	<u> </u>

Date Collare	đ	Date C	ompleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	T No.	N.T.S. No.	
		FIELD C	O-ORDIN	ATES	DEPTH	RECORDED	RING I CORRECTED		GLE CORRECTED			SURVE	YED CO-	ORDI	NATES		Sheet	of
.at		Elev		Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lot.			Elev.		Dip		HOLE No.	
ep .		Lengti		Bearing		·····	<del> </del>		<del> </del>	Dep.			Length		Bearing		-	
·							<u> </u>		L		,	y			15.5	·	_ii	
From	To	Recovery		,	Description				ucture	%	Est.	SAMPL	ENO. Widt			ASS	SAYS	
				•				3111		Sulph.	Grade				ŀ			
		91.70	Same		Common	calcite a	nd quartz											
		to		hroughout. Min			minor				]	l		j			į	1
1		96.95	coarse	grained py alon	g some frac	tures.											1	
		972								<u> </u>	<b></b>						<b>↓</b>	+
			Same					Rubbly			1		İ	- 1				İ
ļ		to 1006.09 to 1008.34 Altered sediment with					with	Blocky	,		l				]			
İ		1000.30 calcite veins						.		!					]			
		97 1006.09 to 1006.16 Sheared, biotite, garne				. garnets	<del></del>	·	<del> </del>	<del> </del>	<del> </del>		$\dashv$			+	1-	
I		to and approx. 25% disseminated py along				along	ł		İ			ľ	- 1	1			1	
- 1		1003.3	Į			on.(py is				1			1	- 1				1
j		95%	1			ed). Py												1
			Same				contorted	Rubbly		<del> </del>				$\neg$			1	1
		to				. Sedime				l	ĺ	ł					1	1
		1005.5	<u> 1</u>			y recryst		1		1		l	ľ		1			1
		76%				'wacke' w		İ			ļ							
		1005.5	Same				. Fractu	res		1								
		to			have sl	icks that	indicate	İ							1			1
1		1009.1	\$		dip sli	p movemen	t			]		l					1	,
		80%	<u> </u>									<u> </u>						ļ
		1009.1	Same					Rubbly					1					1
		to		to 1030.46		vein or h												
!		1011.2	<b>5</b>	silicified			o be								1			1
		95%		thinly lami				<del>-  </del>		ļ				+	<b></b>		<del></del>	<del> </del>
ł		1	Same	1 1 7		C.A. The		Rubbly					1		1			
1		to	ļ	marked by a										1				1
- 1	013.72 direction, which makes				wnich may b	e due to	snearing.								}			1
<del></del>	013.72 Same						-				· · · · · · · · ·					<del> </del>	+	
	to 131.98 to 134.30 Fine grained amphibolite						hihalite	Rubbly	i		!	l			İ			
1		1015.24 approx. 80% amphibile. 10 - 15%										l						
1		95%	I	r 5% quartz 5%				pv.				Ī						
LL LOG · 81		1	1	: 1	r			. 11.										

Date	Loaged By	
Da.e	LOGGCG D	

Date Collared	Dat	e Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJE	CT No.	N.T.S. No.	
	FIELD	C	O-ORDINA	TES	DEPTH	RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED			SURV	EYE	O CO-OR	DINATES		Sheet	of
Lot	Ele	v	<del></del>	Dip					CONNECTED	Lot.			Elev		Dip		HOLE No.	
Dep	Len	gth		Bearing				-		Dep.	******		Leng	jth	Bearing	)	1	
From To	Reco	ту		De	scription			Str	ucture	% Sulph	Est. Grade	SAMPL	E No.	Width		ASS	AYS	1
		_		· · · · · · · · · · · · · · · · · · ·						Surpii.	0,000	<u> </u>						
	to	. 38	Same downward myrmecit	i into a medium cic texture. Qu	grained di	lowly grad lorite wit 20%	les h (pseudo	Rubbly Blocky										
	to	. 3		zed hornblende 6 out this zone ar	0 - 70%, £	r 15 - 20 ew sulfid	Z, es. Also	Blocky Rubbly										
			Same		small (	<lbox<li>lcm) blo</lbox<li>	tches of	Blocky	,									
	to 1026 95%			ey, metallic, fi very dark, red			that											
		. 22	Same					Blocky	,									
	1030 882	.49																
	1030	.42	Same									1				<del>                                     </del>		
	to 1034 95%	.45																
		.45	Alterati		I													
1035.281047.2	to 41036			to 1037.07 matrix of quart	within	s of biot a coarse spar with	grained	Blocky	•									į
	1036				minor c	hlorite a	lteration			1		<del></del>						
	to 1042 85%	. 68		Quartz and feld pegmatitic text like leapord sk	spar form ure. Over	almost a												
		-	1037.07		quartz-	changes t chlorite k is also		≥d.										
DEILL LOG - 81		_												Longod	Ω.,			

Date Collare	ıd	Date Co	ompleted	Core Size			DIP TEST			PROPE	RTY			PROJ	ECT No.	N. T. S. No.	
	F	ELD C	O-ORDINA	TES	DEPTH	RECORDED	CORRECTED	RECORDED	GLE CORRECTED			SURVEY	ED CO-OR	DINATE	S	Sheet	of
Lat		Elev		Dip						Lat		E	lev.	Dip		HOLE No.	
Dep		Length		Bearing						Dep		L	ength	Bearin	ng	1	
									<u> </u>	%	Est.				ASS	AYS	
From	To	Recovery		C	Description			Stru	cture	Sulph.	Grade	SAMPLE	No. Width				
			Same		contain	ing fine	grained										
			fragment	s of hornblend s are													
			Same		very co	arse grai	ned.										
				rounded to an fragments. The		'											
			Same		ow foliat	ed											
				eg. to the C.A.		ally ther		ion to			ļ				İ		
			bands wi	lth coarse quar	tz			C.A. 6	00 deg.								
			Same		and fel	dspar as	before.										
				throughout co ated py,po wit								}					
			Same					<del></del>		<del>                                     </del>							T
			- 103.24	}		mination				Ì					İ		
					sphaler of quar	ite along	a vein?				ł						-
		042.6	Same			nde cryst	als (laths	)	<del></del>	1		<b> </b>	1				1
		to			are ali	gned para	llel to										
İ		047.2	I			iations.	_	İ			i	i	i				1
		101%	1047.20			thin lens		Blocky		<del> </del>					+	<del> </del>	<del>                                     </del>
	i	to fine grained mineral 051.52 with a dark grey-brown						Diocky				l					
												1	1				
		93%			oarse			ļ		ļ					<b>↓</b>		
047.24			Sill	Ednos to =-3	Blocky	,											
047.241	1056.25 contact with underlying sediments.						above										
RILL LOG - 81	927									<u> </u>	L	<u> </u>					1

ate Collare	d	Date Co	mpleted	Core Size	DIP TEST	S		PROPE	RTY				PROJE	21 No.	N. T S. No.			
	EI	FID C	O-ORDINA	ATES	DEPTH	BE A	RING	RECORDED	GLE	<del>                                     </del>	5	URVE	EYEC	CO-ORE	INATES		Sheet	of
.at		TElev	0.0.0	Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat.			Elev.		Dip		HOLE No.	
ep		Length		Bearing						Dep.			Lengi	h	Bearing		<del></del>	
· ·	<del></del>	السلم						1	L	%	Est.					AS	SAYS	
From	То	Recovery		C	escription			Str	ıctur•	Sulph.	Grade	SAMPL	.E No.	Width				
56.70							so some laminated 3. Lth fault ad calcite i cubes of	Blocky Rubbly Rubbly	to									
		py. Possibly some barralls Also contains a 30cm with vugg.				30cm wide												
58.09	1060.70	Quartz Wacke  Fine grained, thick be with thin interbeds of siltstone and fine graine wacke, and mudstone. Thin interbeds uncommon.  Wackes are scoured.						d,										
			Mudstone grained	py. Quartz vei e tops are slig crystals of al	ns to C.A. htly albiti	0 to 10 d	th po and leg. fine											
)60.70	1061.55		mudston	ds ained quartz wa e. Po dissemin bottom 55cm the	erbeds of and 3%.													

Date Collar	ed	Date Co	mpleted	Core Size	DIP TEST	S		PROPE	RTY			,	PROJEC	CT No.	N.T.S. No.			
	F	IELD C	O-ORDINA	ATES	DEPTH	BE A	RING CORRECTED	AN RECORDED	GLE CORRECTED		•	URVE	YED	CO·ORD	NATES		Sheet	of
Lot		Elev		Dip						Lot.			Elev.		Dip		HOLE No.	
Dep		Length		Bearing						Dep	·		Length		Bearing		1	
_	_			<del></del>	Description		<u> </u>			%	Est.	SAMPL	5 No.	Width		ASS	AYS	
From	То	Recovery						Stri	ucture	Sulph.	Grade	SAMPL	E NO	WIGTH				
			Same			'wispy'	, very											
			thin in	terlaminations	of po.													
			6 Quartz V			edded, f		Blocky										ļ
061.55	1065.40			grained with r				1				ļ						•
	1063.4 and fine grained w							x. C.A. 8	35 deg.					İ				
		VVA	Same	MA MAINT CHILD			subhedral			1								
			pink gar	rnets. Minor	disseminated	py, po ⋖	-1%											
			Interbed				grained											
1065.40	1071.84		quartz v laminati	vacke siltstone lons.	e and mudsto	ne. Plar	ne paralle	1										
			Same															
			1066.10	to 1072.20	texture	ion: Spe d, quarta	and				ļ ļ							
			Same			e. Appar	ent asts? Py			<del> </del>	<b></b>		$\dashv$				<del> </del>	<b></b>
							om ≤1% to						1					ļ
					5%. Si	ltstones	commonly			}						İ	Ì	Ì
					biotite	, sericit	e rich.			<del>i</del> -	ļ	<u> </u>					<del> </del>	<del> </del> -
			Same 1067 30	to 1067.60		ainad die	seminated				ĺ						İ	1
			1007.30	1007.00		ained dis ite <b>&lt;</b> 1%?	sem Ina Ced					ĺ		1				1
			1071.28	to 1071.75			Apparent				<u></u>							<b></b>
	Same mud clasts, cl																	
		}				in silty		1				}		J		1		
İ						me albiti texture.	zation.											<u> </u>
RILL LOG - 8		L			Snot	texture.				<b></b>	L	L				<u> </u>	<del> </del>	

Date Collare	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY			PROJEC	T No.	N.T.S. No.	
	FI	ELD C	O-ORDINA	TES	DEPTH	BE A	RING	RECORDED	GLE CORRECTED		SU	RVEY	ED CO-OR	DINATES		Sheet	of
Lat		Elev		Dip			30		CONNECTED	Lat		EI	ev	Dip		HOLE No.	
Dep		Length		Bearing						Dep.		Le	ngth	Bearing		7	
	ſ			<del></del>	<u>.                                    </u>		1		<u>I</u>	%	6-4				ASS	AYS	
From	To	Recovery		De	scription			Str	scture	Sulph.	Est. Grade SA	MPLEN	lo. Width			1	
			Same 1069.32 Same	to 1078.69	Blocky Fractur at 0 to	throughouses 20 deg.	to C.A.	Fracti									
1071.84	078.26		thickly	Vacke lined 'quartz wa laminated with le, thinly lamin	Medium cke', thin thin bedde	to thick	i to	Rubbly Blocky Beddir C.A. 8	,								
				- 1075.315 & - 1077.03		ed, bioti	of thinly										
			Same 1071.84	to 1074.47		terlamina	s and ver	у									
			Same Alterati	on: Weak some i	minor garn	ets in wa	ickes.										
078.261079.94		Quartz W medium g Alterati		y quartz,		e bedded,		* *									
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		dissemi	nated Po			, , ,								
DRILL LOG - 81	1	]								••			Logged			<u> </u>	<u> </u>

FIELD			mpleted	Core Size			DIP TEST	S		PROPE	RTY			PROJE	CT No.	N.T.S. No.	
	F	IELD C	O-ORDINA	ATES	DEPTH	RECORDED	RING	RECORDED	GLE L CORRECTED			SURVE	YED CO-O	DINATES	5	Sheet	of
Lat		Elev		Dip					CORRECTED	Lat			Elev.	Dip		HOLE No.	
Dep		Length		Bearing						Dep			Length	Bearing	7		
	To	Recovery			Description	<u> </u>	<u> </u>	T		%	Est.	SAMPL	E No. Width		AS	SAYS	
From	10	recovery			Description			Stri	ucture	Sulph.	Grade	SAMPL	E NO. WIGH				
070.04	001 00		Quartz V			medium b											
079.94	1081.00		siltstor	medium graine ne. Convolute Lon: Quartz p	d bedding												
			Same			matrix, p					<u> </u>			1			
	less. Some scours.				ırs.												
	Interbeds Thin interbeds of 01082.35 siltstone and fine grained 'quartz wacke'					of.		•									
081.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									   							
		i .	Quartz W		Thick to	o medium	bedded	Blocky	to					<u> </u>			
082.35	093.00			ined with thi				Rubbly				ļ					
				Some scours		oarse, ro	unded,	Beddin	g to 4 deg.					ŀ			
			Same	_					7. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.					1	1		
			Alterati		or chlorite a	and garne	ts, minor						1				
			Same	albite al	teration of							ļ	<del></del>	<del> </del>	<del> </del>	+	+
			заше		Sericite	10 - 15% e 5%	•								ļ		
			Same													-	
ļ			1086.55	_	Blocky.	e zone. R	•										
	1089.02 Gravelly, Fractures						<del> </del>						<b> </b>	<b></b>	<del></del>	——	
	Same primarily 0 to 10 deg. t  C.A. with carbonate. Mi slicks show dip slip movement.						ate. Mino										

lared Date Completed Core Size FIELD CO-ORDINATES						DIP TEST	S	-	PROPE	RTY				PROJE	CT No.	N.T.S. No.	
F	IELD C	O-ORDINA	ATES	DEPTH	BE A				1		SURVE	EYED	CO·ORD	INATES		Sheet	of
	Elev		Dip			35 413 513		CONNECTED	Lot			Elev.	<del></del>	Dip		HOLE No.	
	Length		Bearing						Dep			Length	n	Bearing	)	1	
To	Recovery		0	escription			Sec		%	Est.	SAMPI	E No	Width		ASS	AYS	
							3170	Ciure	Sulph.	Grade	J		<b>W</b> 10111				
				Thin be	dded inte	rbeds,	Blocky					ľ					
1093.78							ł		1	]	}	Ì				ł	
							1				l	- 1				1	
		Same	13-20% MEUIUM	of blot	tainen si	Ze CIOIS			<del> </del>	<b>†</b>	<del>                                     </del>				<del>                                     </del>		<del>                                     </del>
			clasts.		ice likel	. У	1				ļ				1		
Alteration: Minor albite alteration of fine						ne fracti	ors										
		Knottens		Thin be	dded inte	rbeds of	Blocky										
					e tops an	d lesser				1	1	- 1				ĺ	ļ
		'quartz	wacke'. Knotten	scheif <b>er</b> co	ntain 15-	35%					1	- 1			ļ	ł	Ì
											<u> </u>				<u> </u>	<u> </u>	<u> </u>
		Same		Clasts	are mediu	m to	1		]	1	l						
							1		1		l					İ	
		Scoured	bases. Up to	granule siz	ed clasts	•					}	ŀ					
		Same							ļ .								
		1095.23	- 1096.86								ŀ		1			İ	
-							į			·	Ī	- 1			Į.		1
			<del></del>														ļ
											l		l				1
j										Į į	i		[				1
							idns								1		1
								***************************************	<del>  </del>		<del> </del>				<del> </del>		<del> </del>
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1						de or			1 1								
																İ	
	сру																
	то .093.78	FIELD C Elev Length To Recovery	FIELD CO-ORDINA  Elev  Length  To Recovery  O93.78  Interber of fine siltstor contain Same altered Alterat:  Knottens 'quartz rounded Same coarse g Scoured  Same	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES  Ever Dip  Length Bearing  To Recovery  Description  Interbeds Thin be of fine to medium grained 'quartz siltstone to mudstone. Scoured be contain 15-20% medium to coarse generated clasts.  Alteration: Minor albite alterat po <1%  Knottenscheifer Thin be knottenscheifer with silt to mudstone 'quartz wacke'. Knottenscheifer corounded, elongate, clasts of muds Same Clasts coarse grained and commonly alter Scoured bases. Up to granule siz  Same  1095.23 - 1096.86 Medium wackes' sericit po dissa overall thin, wof po an grained have po lath shapy class parallel altered	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES    FIELD CO-ORDINATES   DEPTH   BEARING   SECONDED   SECONDED	FIELD CO-ORDINATES    FIELD CO-ORDINATES   DEPTH   SEARING   ANGLE	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES  DEPTH SEARING ANGLE SURVI  Fiew Dip  Length Bearing Description Situation Structure Desp  To Recovery Description Source Description Situation Structure Sulph Grade Sample  O93.78 Of fine to medium grained 'quartz wacke' and siltstone to mudstone. Socured bases. Wackes contain 15-20% medium to coarse grained size clots  Same Jof biotite likely altered clasts.  Alteration: Minor albite alteration of fine fractions possible for mudstone tops and lesser 'quartz wacke'. Knottenscheifer of mudstone tops and lesser 'quartz wacke'. Knottenscheifer contain 15-35% C.A. 84 deg.  Same Jof Same Jof Structure Scoured bases. Wackes contain 15-35% C.A. 84 deg.  Same Same Jof Structure Structure Structure Scoured bases. Up to granule sized clasts.  Same Jof Structure Stru	FIELD CO-ORDINATES    Eiw	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES    Eiev	FIELD CO-ORDINATES  DEPTH  REARING  FIELD CO-ORDINATES  Elev  Dip  Length  Recomy  Description  Description  Description  Structure  Structure  Structure  Opp  Length  Recomy  Description  Structure  Structure  Sumble Rearing  To Recomy  Description  Description  Structure  Structure  Sumble Rearing  ANSU  Length  Recomy  Description  Structure  Sumble Rearing  Same  Jof blotic likely  altered clasts.  Alteration: Minor ablote alteration of fine fractions po-417  Knottenscheifer with silt to mudstone tops and lesser 'quartz wacke'. Knottenscheifer contain 15-35%  Rottenscheifer with silt to mudstone.  Same  Jof blotic likely  altered clasts.  Alteration: Minor ablote alteration of fine fractions po-417  Knottenscheifer with silt to mudstone tops and lesser 'quartz wacke'. Knottenscheifer contain 15-35%  Rottenscheifer with silt to mudstone.  Same  Jof blotic likely  altered clasts of mudstone.  Same  Jof blotic likely  ANSU  Same  Clasts' are medium to coarse grained and commonly altered to biotite.  Scoured bases. Up to granule sized clasts.  Same  1095.23 - 1096.86  Medium grained 'quartz wacke'' are biotite and sericite rich 20-30%. Also po disseminations are 1-3% overall. Bottom 30cm have thin, wispy, interlaminations of po and one coarse grained py clasts oriented sub  Parallel to C.A.  altered hornblende or	FIELD CO-ORDINATES    Eist   Dip

Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	₹TY			PROJECT	No.	N.T.S. No.	
	F	IELD C	O-ORDINA	res	DEPTH		RING CORRECTED	AN RECORDED	GLE CORRECTED		S	URVE	YED CO-ORE	DINATES		Sheet	of
Lat		Elev		Dip	<del>-  </del>	RECORDED	Counceres	***************************************	CONNECTED	Lot			Elev	Dip		HOLE No.	
Dep		Length		Bearing				· · · · · · · · · · · · · · · · · · ·		Dep			Length	Bearing	****		
	_					·				%	Est.	SAMPLE			ASSA	YS	
From	То	Recovery			escription			Stri	ucture	Sulph.	Grade	AMPLE	No. Width				
			Same														
			Alterati	Rare medi	itization o um, grained r hornblend	pink gar	nets and				ŀ						
			Same	DAVELLE O		sub-para											
	to C.A. 1095.23 to 1096.86						chlorite										
			Quartz W	acke	Thick b	edded, me	dium										
1096.72	103.71			with thin inter	rbeds of si	ltstone a	nd mudsto	ne.			i					!	
			Occassion altered	nal medium gra: clasts.	ined clots	of biotit	e -										
-			Same	1100.16							1						
			1099.91	to 1100.15	slump.	minated s Kink fol	d of										•
			Same			ndicates dip dire		<del></del>				<del></del>					
						g is comm tz Wacke'	on. is										
			Same			t sericit											
			Also rare	pink garne	ts, mediu	m grained	•									'	
	D3.711105.47  Interbeds medium to fine grained to mudstone. Some wac altered clasts?			'Quartz Wa		siltstone											

			mpleted	Core Size			DIP TEST			PROPE	RTY			PROJEC	T No.	N.T.S. No.	
	FI	ELD C	O-ORDINA	TES	DEPTH	RECORDED	CORRECTED	RECORDED	GLE	-	,	SURVE	YED CO-C	PORDINATES		Sheet	of
Lat		Elev		Dep				<del></del>		Lat			Elev.	Dip	*****	HOLE No.	
Dep		Length		Bearing	<b></b>					Оер			Length	Bearing			
	_					<del>'</del>	<u> </u>	1	<del>4</del>	%	Est.				AS	SAYS	
From	To	Recovery		U•	scription			Str	ucture	Sulph.	Grade	SAMPL	E No. Width				
					one with dations 1%.	isseminat			ng to 33 deg.								
			Same	align	JAlso on shaped, cl ed paralle Lende or b	1 to C.A.	and cpy - altere										
			Same Alterati	on: Minor albi	tization												
1105.471112.28				acke rained with this to 1106.74	ı interbed		bedded, stone. ite alter	ed	-								
			Same 1106.74 1108.23	to 1112.50			udstone o bedding	•									
			Same		Heavily through 0-10 de	fracture	ctures at . and 55										
			Same	on: Minor chlor carbonate a	slip mo	vement quartz ve	icate dip ins										
112.28	1114.71		Mudstone 30% fine texture thinly	-medium grained - altered clasts	biotite f	orming a	stone wit pepper ds of	h									
RILL LOG - B	1																

Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST	-		PROPE	RTY			<del></del>	PROJEC	CT No.	N.T.S No.	
	F	IELD C	O-ORDINA	ATES	DEPTH		RING CORRECTED	AN RECORDED	GLE CORRECTED	$I^-$		SURVE	YED	CO·ORDI	NATES		Sheet	of
_at		Elev		Dip		<del></del>				Lat.			Elev.		Dip		HOLE No.	
)ep	<del></del>	Length		Bearing			<del> </del>		<b>†</b>	Оер			Length	· · · · · · · · · · · · · · · · · · ·	Bearing		1	
								7	<u> </u>	%	Est.	1			J	ASS	AYS	
From	То	Recovery		C	escription			Str	ucture	Sulph.	Grade	SAMPL	E No.	Width				
			Same		laminat	ed, biot:	te rich,									1		
			fine gra laminat	ained 'quartz w ed. Po Dissemi	thickly Albitize	d												
		Quartz Wacke Thick bedded, medium a						<del>-</del>		t		<del>                                     </del>					<del> </del>	1
114.71	1116.86		fine gra	ained with mino	mudstone.			İ				ŀ						
			Alterat	ion: Minor alb							- 1							
116.86	1124.03	Interbeds Thin to medium interbeds of fine and medium grained 'quartz wacke', silts						Blocky Rubbly										
			and mud:	stone. Mudston	e contains	biotite a	ltered,	Beddir			ľ							
			medium (	rained clasts.		coarse gr altered		C&	ll_deg	├	<b></b> -							+-
- 1				rtz wacke'. So				- [				[	- }				İ	1
				laminations in														
				commonly disser			he											<del> </del>
			Same		mudston	es.												
																		<u> </u>
j		ł	Same 1116 50	to 1129.00m		e Zone. R	hhl +a					•						1
			1110.50	CO 1129.00M	Blocky.	Minor s	licks alor Fracture				İ							
			Same				eg. to C.											T
		[				deg. to												
						te along irline fr	fractures	•										
			Same			nor po, c											1	1
l		ļ	····				Occas-						- 1	-				
ŀ		]			sional	chlorite	and fine	1						1			}	
					grained	py alone	fracture										<u></u>	<u> </u>

Date Collared	Da	te Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJE	CT No.	N.T.S. No	
	FIELD	D CC	ORDINA	TES	DEPTH	RECORDED	RING	RECORDED	GLE CORRECTED	1		SURVI	EYED	CO·ORD	INATES		Sheet	of
at	EI	ev		Dip	1		100000		CONNECTED	Lot			Etev.		Dip		HOLE No.	
<b>Эе</b> р	Length Bearing									Dep			Lengt	h	Bearing	)	7	
From To	Reco				scription					%	Est.	SAMPL	£ N/0	Width		ASS	SAYS	
From 10	1.00				scripiton			5171	cture	Sulph.	Grade	SAMPL		Widin				
			Same															
						dded muds										1		1
		i			stone and	line grai	ined quart	z			1					1		
			Same			ions 2-5%	(up to					[						
	- [	ſ			and Zns d							l					-	
	-	- 1	1123.04	to 1123.23	Blebs o	f po, tra	ice cpy, Z	ns?				i	-	1			ł	
					along b	airline f	ractures.			ļ						<del> </del>	<del> </del>	<del> </del>
		ł	Same	to 1124.03									İ					1
			1123.76	CO 1124.03		rich (35	tone with			ĺ		1				}	1	1
		- 1					s. po 41					l						l
		$\neg$	Same															
1		Γ	1123.34m		Po diss	emination	s 15% in						- 1	[				1
	1	- 1			siltsto						l	ĺ		i			1	
				on: Chlorite,							ļ	<b>—</b>						<del> </del>
124.031144.0		-	Quartz Wa		Medium	to thick	bedded,	Beddin				1	1	ł		1	İ	1
124.03[144.	"	- 1	medium gr	rained with this	n interbed	s of muds	tone or	C.A. 8	6 deg.			l		İ				i
-	ĺ	- 1		e. Occassional	scours an	d medium	to coarse	-		1	ļ	ł					}	
			grained o	clasts.	Incorporat	1 ddaa	emination	- B11		<del> </del>	<b></b>							
		t		ong laminations	in mudeto	ue Wnys Oust giss	tone		res at		ł			l		1		
	- }	!	commonly	thinly laminate	ed.		conc	,	eg. and			ļ	ļ	- 1		ļ	ļ	
				to 1125.12		emination	s 15%		to C.A.			<u> </u>				<u> </u>	L	
			Same															
		Γ	1125.20	trac	dissemin	ations of	Zns							ļ		1		
	1	- 1	1140.58 t	to 1140.83 Zns	lisseminat	ions <1%	and wisps	-				1					1	1
			C	of po	and cpy.			<del> </del>				<u> </u>	$\rightarrow$				-	+
ļ		-	Same	11/2 22													1	
1		-	1141.95 t	to 1142.23			approx. 13			1		l						İ
		1			laminat:		bo aroug											
ILL LOG · 81					I GILLILIA L	10:15												

Date\_\_\_\_\_Logged By\_\_\_\_\_

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ate Collared	d	Date Co	mpleted	Core Size		. (	DIP TEST	S		PROPER	RTY				PROJEC	T No.	N.T.S. No.	
	FI	ELD C	OORDINA	TES	DEPTH	BEA RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED		,	SURVE	YED CC	ORDII	VATES		Sheet	01
.01		Elev		Dip						Lat			Elev		Dip		HOLE No.	
Dep		Length		Bearing						Dep			Length		Bearing		1	
From	To	Recovery			Description		<u> </u>			%	Est.	SAMPL	E No Wid			ASS	AYS	
rrom		,,			Description			Str	cture	Sulph.	Grade	SAMPL	E NO WIG	1111				
			Same															
	ļ		1129.20 1136.66		Slump: 2mm wid	2n's e laminat	ion of po											
							offset al			<b> </b>		<b> </b>					ļ <u>-</u>	<b>-</b>
	1 I I						eg. to C.	<b>I</b>										
	fine					sseminati	on: very	, -	. 30 deg. . with			ĺ	İ	Ì				
				o laminat	ion with		nd 3mm					<u></u>				<u> </u>		
		Same Icm of normal offset		fset	normal	offset								İ				
	Po and trace				ng hairline f	ractures.									ļ			
			Occassion	nal Po disser	ninations up	<u>to 10% ov</u>	er 2-3cm.						<del></del>					ļ
			· ·															
			Interbeds		Thin to	thick be	ds of						_					
44.67 1	154.66	[	medium in	terbeds of s	wacke' with	mudstone	. Scours		i						İ			
				inations, and	rare cross			<u> </u>										<u> </u>
ĺ	1		Same	dordro 41	commonl;	y contain							-		1			
					ce' usually;a										! !			
			Same					<del>                                     </del>										
			1120 -		so occassional							·						
			Same		Quartz	Wacke								<u> </u>				
İ		ſ	1145 to 1	152m	Fracture													
1	ł				•	•	some qua	ttz						ŀ	1			
ILL LOG - 81					-carbona	ate veins	•	_L									<u> </u>	Ь

ate Collare	d	Date Cor	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJECT No	N.T.S. I	+0. 
	FI	ELD CO	O-ORDINA	TES	DEPTH	BEA RECORDED	RING	RECORDED	GLE CORRECTED			SURVE	YED CO-C	ORDIN	ATES	Sheet	of
_01		Elev		Dip	1					Lat		8	Elev		Dip	HOLE	No.
Оер		Length		Bearing		İ				<b>Dep</b> .	·	i l	_ength		Bearing		
		1		L	<u>, I</u>	<u> </u>	l	<u> </u>	1	%	Est.	T				ASSAYS	
From	То	Recovery		D•	scription			Str	cture	Sulph.	Grade	SAMPLE	No. Width	`			
			Same			ate along		s.									ţ
			Fracture	icks. Some po es to C.A. 0-20 at 1151.89 appr	deg. and	50 deg. 🗆	Fault										
			Same														
	Same at 10 deg. to C.A. head by calcite with minor py along edges																
												1					
			Same					Beddi		<del> </del>							
			Alterati	lon: Minor chlo alteration			et	C.A.	81 deg.								
			Interbed			nd medium		-	******	<u> </u>		<b>†</b>					
154.661	160.80		and muds	and medium grai	ations, d	isseminat	ions,	ne									Ì
			Same	and clasts thr		lasts are		Hairl	ine fractu	res		<del>                                     </del>					
		}		po 1-3% and up				1	deg. to			1					
	Also irregular hairline fractur				fracture	s with po	and cpy.	1	Blocky			l		-			
			Fracture Same	es at 45 deg. to		lamination			res at g., 45 50	+	<del> </del>	<del> </del>					_
				mudstones. Po					to C.A.								
			Same		Trace	sphalerit	e	_		-	-	-					
	disseminations at: 1159.40 - 1159.43 and																
1	Alteration: 'Quartz Wackes commonly						1		1				- 1	l			

Date Collared		Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY			***	PROJEC	T No.	N.T.S. No.	
	FIE	ELD C	O-ORDINA	TES	DEPTH	RECORDED	RING CORRECTED	RECORDED	GLE			SURVE	YED	CO·ORDI	NATES		Sheet	of
Lot		Elev		Dip				***************************************	CONNECTED	Lat			Elev		Dip		HOLE No.	
Dep		Length		Bearing						Dep			Length		Bearing		$\exists$	
From To	T.	ecovery								%	Est				<u> </u>	ASS	SAYS	
FISH 10		,			escription			Stru	cture	Sulph	Grade	SAMPL	E No.	Width				
		Same   contain 20-30% fine grained biotite or phlogopite, and often is altered with quartz flooding, chlorite, serici biotite and garnets. (anhedral, light pink).  Same   l160.23 to 1160.30   Coarse grained quartz, a matrix, chlorite sericit. 15-25% py-po disseminatify. Same   Mudstones and siltsteed commonly albitized and he fine grained albite crysts 1154.73 to 1159.41   Occurrence of very commonly albitized and he fine grained albite crysts 4 x 3cm (grow 11 to C.A.) 1159.52   Slump, convoluted bedding					is ericite,  tz, albit: ricite, an inations. iltstones and have crystals. erycoarse crystals C.A.)	nd										
160.801167.	.94		Interbed medium g graded,		Thick areset 'quarte	nd medium z wacke' e and mud	bedded, sometimes	Blocky Rubbly Beddin C.A. 8	g to									
			Same wisps and Alteration	dissemination	Some po Approx. biotite, ac and minor a	laminati <1% over ericite a albitizat	ons and all. nd quartz ion in		7 deg.									
			Same	1167.34	silt or mairline fra Siltstone t				shadows deg. to C	.A.								
IIL LOG - 81	1167.34 to 1167.94 Mudstone clast 1166.87 coarse grained, black, elongate, rounded.  Minor carbonate in some wackes. Carbonate-																	

Date		Logged	Ву		

	đ	Dore Co	mpleted	Core Size			DIP TEST			PROPE	RTY				PROJEC	T No.	N. 1. S. No.	
	FI	ELD C	O-ORDINA	TES	DEPTH	RECORDED	RING CORRECTED	AN RECORDED	GLE I CORRECTED	1		URVE	YED C	O-ORDI	NATES		Sheet	of
Lat		Elev		Dip						Lat.			Elev		Dip		HOLE No.	
Dep		Length		Bearing		<b>†</b>				Dep.			Length		Bearing		7	
							l		<del></del>	%	Est.				<u> </u>	ASS	AYS	
From	To	Recovery		Des	cription			Stri	cture	Sulph.	Grade	SAMPL	E No. Wi	din				
1167.941	170.65		10% over	with thin interb 3cm overall app	eds of s	or less.	Po up to								,			
			Alterati Same	on: minor quart	biotit		ite and									-		
1170.651	174.44		Po lamin	ined 'quartz wad ations and disse	ke' silt:		d mudstone		··········									
			1-2% ove Same Alterati		minor).	Some hai		.00										
					J										•			
1174.441	181.24		_	Wacke' rained with occa e and mudstone.	ssional		beds of											
			Same 1176.01	to 1182.50	rubbly	re zone bl		^							***			
1			Same	to 1177.20	Thin qu		onate vei											

Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJECT	No.	N.T.S. No.	
	F	ELD C	O-ORDINA	TES	DEPTH	RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED			SURVE	YED CO-	ORDIN	NATES		Sheet	of
Lo1	Elev Dip								CORRECTED	Lot			Elev.		Dip	***	HOLE No.	
Dep		Length		Bearing						Dep.			Length		Bearing		1	
F	To	Recovery		0.4	scription					%	Est	SAMPL	E No. Widt			ASS	AYS	
From	10	Necote y						5111	ucture	Sulph.	Grade	SAMPL	E NO. WIGI	"		. =		
			Same		Some qu	artz flo	oding with											
	chlorite and garnets Also 'shot rock' tex				ssociated w	vith fract	tures.		76 deg. sional			1			- 1			ĺ
					re with rew	or no si	ullides.		sionai .on beddin									
	Same or vein. Some				Rare po	cpy ale	ong fracti		un nengan	5								
	or vein. Some bioti											İ			ļ			}
															1			
					with some	e thin	Block	y									<b>†</b>	
181.24	.241187.01 int			s of medium to	fine grain	ed wacke	and thin		,				İ					
- 1		1		ne medium interl								ļ						
			Siltston Same	es and mudstone	s are thin	l <u>y bedder</u> es show l	l and	Beddir				<del> </del>			<del></del>		· · · · · · · · · · · · · · · · · · ·	<del>                                     </del>
		ŀ		es. 'Quartz Wa	sometim	v dissemi	inations o		30 deg.	j i								
				2%, overall <		, ======									1			
			Same				<del> </del>											
		Ī	Alterati		te alterat	ion of 'c	<sub>l</sub> uartz					]		-				1
		1		wackes'.  and mudsto	Minor albi	tization	of silt							i				1
			Same	and mudsto	nes.							<del> </del>		$\dashv$				<del>                                     </del>
		j	1181.30	to 1182.34	 Same_very	coarse gr	ained											ł
ĺ		1			growths of	albite	oming in											
			- <del></del>		parallel t	o C.A.		-										<del> </del>
1		}	Same 1183.23		 Minor quar	te vain s	iith no an	a					İ					
			1103.23		minor quar		rich po an											
				Wacke/Arenite'		edded med		-						_				
187.01		[		'quartz wacke'														
	1		siliceou	s wacke (quartz	aranital	th bhin		ı		i l	1		i				1	1

		0010		
LOG - 61		Date	 _ Logged By	
87.01	'Quartz Wacke/Arenite' Thick bedded medium grained 'quartz wacke' and medium to coarse grained siliceous wacke (quartz arenite) with thin			
	Same 1183.23 Minor quartz vein with po and minor sphl.			
	1181.30 to 1182.34 Some_very coarse grained growths of albite coming in parallel to C.A.			

ate Collared		Date Cor	npleted	Core Size			DIP TEST			PROPE	RTY			PROJECT No.	N.T.S. No.	
	FIE	LD CC	OORDINA	res	DEPTH	BE A	RING	RECORDED	GLE CORRECTED		S	URVE	YED CO-OR	DINATES	Sheet	of
ot .		Elev		Dip						Lot.			Elev	Dip	HOLE No	),
<b>Эе</b> р		Length		Bearing		<del></del>				Dep			Length	Bearing		
							<u> </u>			%	Est.	SAMPLE	E No. Width		ASSAYS	
From	To R	ecovery		C	Description			Stri	cture	Sulph.	Grade	SAMPLI	E NO WIGHT			
			Po <b>∠</b> l%. <u>Alterati</u>	e. Contacts g Graded upward on: Quartz, s	generally no		efined.									
				to 1194.69	po lami	one inter Inations										
	Same Quartz flooded in par and minor garnets.				s with appr	cox. 5-10	% sericite	2								
.194.75119	94.751196.00		laminati	s e, and 'quartz ons and convol s common in wa	wacke'. Fluted bedding	lane parage. Po d	isseminat	Bedd 1	ng to							
			Same Alterati			lant biot d serici	te near	stones.								
			'Ouartz	wacke/arenite?	Thick b	oedded me	dium to									
196.00121	11.11		coarse g	rained, common	n upwards gr nd distinct or mudstor	ading wi contacts e with r	th . Thin									
				udstone and si		Interped	a or culu									

ate Collare	М	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY			PROJECT	No.	N.T.S. No.	
	F	IELD C	O-ORDINA	ITES	DEPTH	BE A	RING	RECORDED	CORRECTED	1		SURVE	YED CO-OI	RDINATES		Sheet	of
at		Elev		Dip					COUNCELLE	Lat.	-	-	Elev	Dip		HOLE No.	
ep		Length		Bearing						Dep.	-		Length	Bearing		_	
_	_									%	Est.			T	AS	SAYS	
From	То	Recovery			Description			Stru	cture	Sulph.	Grade	SAMPL	E No. Width				
			Same														
i			1197.68	to 1198.06	Medium int								ł	1 1			
					regular 's							İ		1 1		1	
			Same		TERUIAL .	азиуа	IIIIAI IOUS	DI PO.				1					1
			1201.97	to 1203.35	Medium to	thick in	terbed of	Ì			1	l	1				
- 1					thinly bed						l	l					
					mudstone.			e						<del>                                     </del>			<del>- </del> -
ŀ			Same	<del></del>	<u>co</u> htain ab Also sever					1	l						
- 1					2-3cm wide					1		1		1 1			
- 1					disseminat			s				1	Ì	1 1			
			Same			ing 15-30											
- 1					Unit has c	oarse gra	ained base	,				ł	İ			1	1
İ					quartz ric						ĺ	ļ	-			1	
			Same		of quartz,	maybe d					-	├					+
- 1			Jame		Appear to							l		1			
ł					fragments					1	l	l				ļ	
- 1					Also have	thin beds	of wacke					]					
			Same		with quart	z eyes ar	d mud mat	rx.									
		i i	Alterati		ded wackes c						ĺ	İ				ļ	1
İ		l i			and distinct			İ		i i	İ	İ	i	1 1		İ	İ
			Same	Coarser	and thicker	flooded (		<del>-</del>						1			+
1				arenite?	) and contai			1			1					1	
					t, chlorite,			1				!		!			
				po, and	py. Po and					L				1			<u> </u>
			Same		20% and	overal1	is approx		res at								
			1201 82	1% (diss to 1209.15	eminated).				30 and				1				
			1201.83		Fracture Z deg. to C.A				20 deg.			i		1			
ILL LOG · 81		Ll			rite along f			to C.A			L	Щ.					1

25 to 30 deg. to C.A. with carbonate to C.A.

and chlorite along fractures.

Date Logged By

Date Collared	Date C	ompleted	Core Size	1		DIP TEST	S		PROPE	RTY			PROJECT No.	N. T. S. No	
	FIELD C	OORDINA	ATES	DEPTH	RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED	1		SURVE	YED CO-OR	DINATES	Sheet	of
Lat	Elev	<del> </del>	Dip					COMMENTS	Lot			Elev	Dip	HOLE No.	
Dep	Length	1	Bearing						Dep		ļ	Length	Bearing		
From To	Recovery		C	escription			Str	cture	%	Est.	SAMPLE	No Width	,	ASSAYS	<b>7</b>
211.111214.1	8	1208.62  Same Note:  Mudstone laminate	albite occurs p grained crystal e and Siltstone	cholrite () Hairline f C.A. with tourmal rimarily as s. Thin be	light gree racture a probable line. distinct edded to a a and disa a sphl disa Also po, co	at 0 deg. fine grant t fine thickly semination	Bedding C.A. (	y to y.	Sulph	Grade					
214.181225.3	Same 1211.97  Same  Same  Same  Same as 1196.00 - (every 2 or 3m) me siltstone and mud			.11 But hav	ed po. A e-quartz' e-Rounded lined blet	Also shot rock discolour os.	Blocky Beddir								
ILL LOG - 81		Same Alterat	ion: Same as 1 fractures to 1217.51	y.	ome hairli	.n.e	. 405.		-						

Date Collared	Date	Completed	Core Size			DIP TEST	S		PROPE	RTY			PROJEC	T No.	N.T.S. No	
······································	FIELD	CO·ORDINA	ATES	DEPTH		CORRECTED	AN-	GLE			SURVE	YED CO-OR	DINATES		Sheet	of
.at	Elev		Dip	1				CONTECTED	Lot		Ī	Elev	Dip		HOLE No.	
Dep	Lengi	th	Bearing						Dep			Length	Bearing		1	
From To	Recove	rv	D.	escription					%	Est.	SAMPLE	No Width		ASS	AYS	
770111		<u> </u>					5171	cture	Sulph	Grade	SAMPLE	. NO WIGH				
		Same 1222.51 Same	to 1223.74		z wacke' ions up t isps and v	with po o 10% ery thin										
				lamination 2-3%. Some very thinl	ne quartz	wackes at	:e	!								
		Same		some fract and po par to bedding	allel to	quartz	111									
		1	siliceous (quart (biotite), albit above units clos	te alterati	on here a	nd in	Į.									
		Same			y light g											
225.321232.7	o	of silts	Wacke thick bedded wi stone or mudstor ne parallel lami	Ith occassine. Wavy c	grained, onal thin urrent la	interbed	s Beddin									
		Same Alterati	ion: Some quart garnet and wackes usu	l albite. Lally assoc	Py altera iated wit	tion in h	te,									
		Same	grained al partings.	fractur	es. Also tals in m											

Date\_\_\_\_\_\_Logged By \_\_\_\_\_\_

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ate Collare	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY			PRO	ECT No.	N.T.S. No.	
•	F	ELD CO	O-ORDINA	ATES	DEPTH	BE A	RING CORRECTED	RECORDED	GLE CORRECTED		5	SURVE	YED CO-O	RDINATE	S	Sheet	of
at .		Elev		Dip					35445	Lat			Elev.	Dip	····	HOLE No	
ер		Length		Bearing						0 <b>e</b> p			Length	Beari	ng	<u> </u>	
From	To	Recovery			Description			Str	cture	%	Est.	SAMPLI	E No. Width		AS	SAYS	
				-						Sulph.	Grade			<u>.l</u>			<u> </u>
			Same 1229 26	to 1232.70	Medium to	thick ho	adad										
ŀ			1227.20	, 10 1232.70	ned lum to	thick be	uded.										
		-	Quartz			to thick		<del>-</del>					-	<del> </del>	<del></del>		1
232.70	1237.09		with oc	cassional thin	beds and the	nin lamin	ations.					1					
				(2 to 3m) med													
		1	Same		to thic	kly lami	nated										
		- 1	mudston bedding	e, siltstone a	nd sandstone	. Some	convolute	1		,					1	1	Ì
1		I	Dead Ing												}		
			Same	. 12/0 21	81		• • •										
-		Í	1240.00	to 1240.31	Slump, conv siltstone,	oluted be and sane	edding dstone										
		1	Same														}
		- 1	1232.73	to 1233.06	Thin bedde mudstone w						ı						
					wisps and			:0									
T			Same			le. Po co											
Į		ļ			10 to 20% disseminat												
		<u></u>			~ TOO CON THE C	TOUS OF S	shur.										
		7	Same														
			1233.06	to 1233.56	Medium to with garne	fine grai	lned wacke	•						1			
l		i			alteration			ns			1						
			Same	***************************************	approx.	1-2% ove	erall.					· ·					
-			1234.52	to 1234.91	Thin bedde		ed mudsto	ne					1				
i i					and siltst	one with				1	j					1	

Date Collared	Date Co	mpleted	Core Size	İ	1	DIP TEST	S		PHOPE	HIY				PROJE	CT No.	N. 1. 5. NO.	
F	ELD C	O ORDINA	TES	DEPTH	BEA	RING CORRECTED	RECORDED	GLE	1	S	URVE	YED	CO·ORD	INATES		Sheet	of
Lot	Elev		Dip	_	RECORDED	CORRECTED	RECORDED	CORRECTED	Lat			Elev.		Dip		HOLE No.	
Dep	Length		Bearing						Dep			Length		Bearing	<del></del>	1	
					L	1			%	Est.					ASS	AYS	
From To	Recovery		C	Description			Str	ucture	Sulph.	Grade	SAMPL	E No.	Width				
		Same		convolu	ite beddi	ng (slump?	)										
				with po w												ŀ	
	j			lamination Disseminat						1						İ	İ
		Same				e po appro	,										
				15%. Thir	n laminat	ions have	1						ł		1		İ
<b>,</b> ,				thin quart			1			ì			Ì				1
		Same			eve disse		1										
				sphalerite								ĺ			1	ļ	
				underside.					1 1								Ì
<del></del>				throughout	ALSO	cpy with p	<del></del>		1		··					<u> </u>	
												İ				•	
									i i								ļ
<u> </u>				<del></del>			ļ		1							ļ	
													i		ĺ		
1									1 1				1				}
				····												ļ	ļ
		Interbed				interbeds			1				ļ				
1237.091248.16			m grained, qua			to medium			! !						i	•	
		Interped	of strescone	and mudston	ie.		1			1			1		1	}	}
		Same									-						
		Alterati		bove but po						1			[				
			sometimes cholrite.	are altere	ed by quar	tz and							1				
		Same															
		1237.09	to 1237.34	Thin bedde						1			- 1				
				and fine w									1			1	
DRILL LOG - 81				l to 2% wi					لـــــل			1_			<u> </u>		

grains of sphalerite <1%.

Date\_\_\_\_\_\_Logged By\_\_\_\_\_\_\_

Date Collar	FIELD CO-ORDINATES  Elev Dip						DIP TEST	S		PROPE	RTY				PROJEC	T No.	N T S. No	
					DEPTH	RECORDED	RING	RECORDED	GLE			SURVE	YED CO	OORD	INATES		Sheet	of
.at	Elev Dip									Lat.			Elev.		Dip		HOLE No.	
Оер	Length Bearing									Dep			Length		Bearing			
From	To Recovery				Description	<u> </u>	· · · · · · · · · · · · · · · · · · ·	544		%	Est.	SAMPL	E No. Wi	din		AS	SAYS	
From		,						3111	cture	Sulph.	Grade	34	2 140	••••				
		Same 1238.14 to 1238.71							res to									
			1238.14	to 1238./1	Biotite, g				20-25 deg.									
		<u> </u>			with chlorite quartz fractures in 'quartz wacke'. Fine grained py or po approx.							ļ						+
		]	Same		] grained													
		<del>                                     </del>	Same					Block	<del></del>						<del>-</del>			1
j			1240.78	to 1241.73	Thinly lan													
					and mudsto			Beddi	ig to O deg.				ŀ					
			Same			e alterat			O GER.									1
		ł			rich bands									- 1				
		ł			to 30% po blebs. Oc					ŀ								-
		<u> </u>	Same			halerite	wisps of	<del>                                     </del>										
1		}			disseminat		oughout <1	z l					ŀ					
		<u> </u>	Same			· · · · · · · · · · · · · · · · · · ·						<b></b>					1	
- !			1242.68	to 1243.42	Thinly lam							1		İ				
}		1			fine grain										ł			
		<u> </u>	Same				ebs of po					· · · · ·			<del>-</del>			1
					Po dissemi	inations t	hroughout					1		İ	į			
					approx. 3%		onvoluted					ļ			ļ			
		-	Same		bedding at	. pase.		-				<del></del>	_					
ļ		1		to 1244.75	Thin bedde	ed quartz	wacke and											
					siltstone			1					1		}		İ	

ate Collar							DIP TEST	\$		PROPE	RTY				PROJEC	T No.	N.T.S. No.	
	F	IELD C	O-ORDINA	ATES	DEPTH	BE A	RING CORRECTED	RECORDED	GLE CORRECTED	+		SURVE	YED CO	ORDI	NATES		Sheet	of
.at	· <del>··············</del>	Elev		Dip					COUNCILD	LO1.			Elev		Dip		HOLE No.	
Эер		Length Bearing				*****				Dep			Length		Bearing			
From	Υo	Recovery			Description			Str	cture	%	Est.	SAMPL	E No. Wids	, [		AS	SAYS	
		Same						] "		Sulph.	Grade			"	- 1			
		alteration along fractures. Also along laminations up to 10% acrss					minations											
			1244.75	to 1245.02	Very thin Top contai quartz eye													
			Same		One thi	n (lcm) b	and of											
- 1					brecciated			ne		1 1	'				i			1
- 1		1			with minor	•				1 1				1	ì			ì
<del></del>			Same		Appears to		very thin			<del>  </del>							<del> </del>	<del> </del>
			Dume		lamination					1 1							1	ļ
İ					chlorite a								1		1		1	
					clasts? D													ļ
ŀ			Same		through	out appro	x. 15-20%										Ţ	
- 1		1			some up to					1 }					1		İ	
- }					5mm. Trac			n		1 1			. [		Į.		ļ	1
<del>}</del>	<del></del>	<del>  </del>	Same		into light		5.02 - 12	44 35		<del>  </del>							<del> </del>	+
				to 1246.85	Thin bedde	d siltsto ke. Conv	ne and oluted						ļ					
					bedding.			<del> </del>		1							ļ	<b>-</b>
ļ			Same	<del></del>	sphl. One	quartz v		Beddin C.A. 6										
		1247.00 to 1247.39			minor po a Thin bedde	nd trace	sphl. wacke and											
			Same		siltsto	ne with m	inor po,											
		one band up to 10% po. 1247.22 to 1247.39 bleached zone chlorite? albite?																

Date Collared	Date Co	mpleted	Core Size			DIP TEST	S		PROPER	ITY			PROJEC	T No.	N.T.S. No	
FI	ELD CO	O:ORDINA	NTES	DEPTH	BE A	RING	RECORDED	GLE	1		SURVE	YED CO-O	RDINATES		Sheet	of
at	Elev		Dip	1251m	243°	CORRECTE	71°	CONNECTED	Lot			Elev	Dip		HOLE No.	
Dep	Length		Bearing	123111					Dep			Length	Bearing			
		<del> </del>				1			%	Est			T	AS	SAYS	
From To	Recovery		ĺ	Description			Str	cture	1 - 1	Grade	SAMPL	ENo. Width				
248.161258.31		Interbee of quart siltston and med Same and mude coarse,	tz wacke with ne-mudstone. ium sized heds	with po an  Thinly thin and med Forms a seri Occassion of wack Last 2m sta  lorite-bioti alterat	5% disserset of the service of upon the servic	minated polso trace tz vein  edium beds rbeds of ward fine interhed uartz eyes ng thick,										
1, 100 - 61		Same Same	to 1252.54	Thin bedde laminated wacke' and mudston throughout chlorite q along frac	fine gra- siltstore. Disse 10 to 15 uartz alt tures. A oloured a along la ded silts	ined 'quar ne- eminated p 5%. Some teration Also some and chlori aminations stone and	te									

ate Collare	d	Date Co	mpleted	Core Size		(	DIP TEST	S	. ,	PROPER	RTY			PROJECT No.	N.T.S. No.	
·· · · · · · · · · · · · · · · · · · ·	FI	ELD CO	OORDINA	TES	DEPTH	BEA RECORDED	RING CORRECTED	AN RECORDED	GLE CORRECTED	-		URVE	YED CO-OR	DINATES	Sheet	of
at		Elev		Dip						Lot			Elev.	Dip	HOLE No	
Pep		Length		Bearing						Dep			Length	Bearing		
_ [				-4	B		I		<del></del>	%	Est.	SAMPLI	E No. Width		SSAYS	
From	To	Recovery			Description			Stri	ucture	Sulph.	Grade	SAMPLI	E NO. WIGHT			
			Same			nterbed o										
	1	i			medium gra	ined 'qu	artz wack	e'				l			ł	
		l			with 5-7% Siltstones										į	
			Same			eminated		•		1						
ł		Ì			lamination								1		ł	
					Also thin					} }		l				
					white alte		ounding							<u> </u>		<del> </del>
		}	Same	to 1255.79	po lam: Thinly lam	lnation.				1 1			İ		ŀ	
ļ			1233.04	10 1233.79	with 'quar											1
					· · · · · · · · · · · · · · · · · · ·			<u> </u>								
İ	ł	}	Same 1257 85	to 1258.14	Finely dis	cominato	5 159			1 1			1			
	1	- 1	1237.03	10 1230.14	also disse			''					1			
		ł			lamination			n								
			Same		mudston	e and si	tstone	***								
		Ī			thinly bed	ded.				1 1						
																į
										1						
1																
İ		İ								L						
	262 52		Quartz W			o massive										
258.31	263.59	l	with thi	in bedded sil	tstone and mu	dstone to	ps.									
1	1	ŀ	Alterati	ion: Quartz,						1 1						Ì
<del>-</del>			Same	garnet (	with dissemin		approx. 2 it. Unit	<del>^</del>		<del>  </del>						1
ļ	Į	ŀ		shows so	ome upwards f										1	
					onal thin int	_										
					stone matrix		•			1 1	i			l I	1	ŀ

Date Collared	FIELD CO-ORDINATES						DIP TEST	S		PROPE	RTY		····		PROJEC	CT No.	N.T.S. No.	
	FI	ELD C	O-ORDINA	ATES	DEPTH	BE A	RING CORRECTED	AN RECORDED	GLE	_		SURVE	EYED	CO·ORD	NATES		Sheet	of
.at		Elev		Dip	<u> </u>	**CONDED	CORRECTED	*ECONDED	CORRECTED	Lot			Elev.		Dip		HOLE No.	
Эер				Bearing						Dep			Lengti	h	Bearing	<del>-</del>	-	
	_						L	T		%	Est.	1				ASS	AYS	
From	То	Recovery		1	Description			Stru	cture	Sulph.	Grade	SAMPL	E No.	Width				T
			SAME															
		1	1261.79	- 1261.95 Mud				· <del>-</del> {		ļ				-				1
İ	i	1		tion. Also (white) cold	watter text	ured (thi	n) light	İ		1		į		1				1
				tration of	quartz eve'	alterati	on concen-										<del> </del>	<del>                                     </del>
	į	1		orderon or	dest or che	arceraci						İ		- 1	i			1
	ĺ													i				İ
			INTERBE	<u> </u>	T 754 1	1 - 11- 1					ļ	<u> </u>	$\rightarrow$					<del> </del>
263.5912	64 50	ł		ed siltstone.			ind thinly					l		1				
.63. 394.2	204. 59	1	to 1264	.63. Po dissen	some stump	cexcures	at 1204.3	3		Į.		l		ľ			Ì	Į.
	1		alone la	minations up t	o 25% overs	ugnout pa 11 approx	, 102	· <b>y</b>				l						
	1		SAME	<u> </u>			very coa	rse		1		<b>—</b>						1
	-	ſ		blebs of Po w	ith trace C	ov above	which are			í l		i		1			ł	i
1	I	- 1	coarse g	rained blotche	s of Po for	approx.	20cm. A1	so					(	ŀ				
			wisps of	Po and trace				i										
	þ	265.5	OUARTZ W		Medium	to thick	bedded,							(				]
	l	to		ey medium and				Block	y									
264.5912	270.10			ssional upward				ŀ					.				1	
		97%		ls of siltstone				_ <del>,</del>										-
1	į		plane, p	arallel lamina	ttions. Alte	eration:	Quartz						-					i
		į	wackes o	ccasionally pe	rvaded by qu	uartz wit	n chlorit	e			i		ı		j			}
ì	į	i		on and sericit					j				i	İ			i	i
			SAME	h thin hairlin								ļ	$-\!\!\!\!+$				ļ	<del> </del>
1	j			acke bases. F			pink garn	ets							ĺ			
	İ	1		on and occasio										1				
i	İ	l	crystals	of albite. H	lairline frac	rtures wi	th Po and	İ	į				l		j		İ	İ
			SAME			Cpy throu				<del></del>								<del> </del>
İ		Ī		e stratiform q					į									1
	Ì	- 1		Po with trace				ne			-			]	1		İ	
1		i		r, very thin l					ì				- 1	- 1				1

Date Collar	ed	Date C	ompleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	T No.	N.T.S. No.	
	F	IELD C	OORDINA	TES	DEPTH	BEA RECORDED	RING CORRECTED	RECORDED	GLE CORRECTED		5	URVE	YED	CO·ORD	INATES		Sheet	of
Lat	· · · · · · ·	Elev		Dip				400400	CONTRACTO	Lat.			Elev.		Dip		HOLE No.	
Dep		Length	)	Bearing						Оер.			Length		Bearing		1	
From	To	Recovery		04	scription	<del></del>	*		cture	%	Est.	SAMPL	E No.	Width		ASS	AYS	
		,						STE	cture	Sulph.	Grade	JAMPL	- 100	wigin.				
			Same			ery minor								ŀ			İ	
- 1			dissemi	nations, someti	mes these	laminatio	ns displa	у					į	Ì				
			a water	texture and co	ntain some ite vein.	light gr	een chlor	ite.									i	
		1268.6																
- 1		to	_								1		- 1				}	ļ
- 1		1269.2 100%	ļ 12	65.25 - 1267.45									- 1	j				
		1002	<del>                                     </del>		eminations orm quartz													
	i				ne grained					] [				1				
				(tourma		,, .	Tuck Clyb			1 1	1		1					
			12	68.35 - 1268.60	Po. Py d	isseminat	ions up t	٠										
l				15% ove	r_1-3 cm.	.Overall	5-8% Po,	Py.					- 1					ł
			}								i							
ł			1					1		1								
		1269 2	9 INTERBED	18	Thin ar	nd madium	interbeds			-								
									ky to									
270.14	12/2.58	1272.2	b upwards−	m to very fine g fining) and si	ltstones a	nd mudsto	nes	mass	•	]			ļ					
		892		es and mudstone	سست عنم ه	<del> </del>	<del> y</del>											
1			Same				parallel		g to C.A.		ł		- 1					1
!				ple cross-lamin d structures an				.   @ /6		!!	!			- 1			!	!
1			bedding.		u scours a	130 Tale	114361	Fracti	res to C.	h.	ł		- 1					1
			Same		Alterat	ion: Min	or prefer		- 25					İ				
			tial alb	ite alteration	and garnet	s in quar	tz wacke			l i	- 1		ĺ	- 1				l
				iltstones and m							i			i				İ
				minated and str														<del> </del>
		;	Same	a haduldua fara			Po. Also							}				-
- 1	have some hairline fractures with Po and 1272.34 - 1272.58 Have four thin la										1			1				1
1			12,		of pyrite-						Ì		1	]				1
LL LOG - 81			<del></del>	( <del>- 7,000,0</del> /	V- VIA-LV		- WALL			·								

Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	T No.	N.T.S. No.	
	F	IELD C	O-ORDINA	TES	DEPTH	BE A	CORRECTED	RECORDED	GLE CORRECTED	1		SURVE	YEC	CO-ORDI	NATES		Sheet	of
.01	Elev Dip						-	RECORDED	CORRECTED	Lot			Elev		Dip		HOLE No.	
Эер	Length Bearing				<u> </u>				<u> </u>	Dep.			Leng	h	Bearing		1	
From	To Recovery				scription		·		cture	%	Est.	SAMPL	E 845	Width		ASS	AYS	
							· · · · · · · · · · · · · · · · · · ·	317	i ci u re	Sulph.	Grade			410111				
			Same	accompar and chlo	 nying (strorite.	atiform)	quartz									•		
72.58	1274.3	to	interbed into a t Same chlorite also fin	acke of siltstone and the siltstone and the siltstone and the siltstone and the siltstone along the siltstone along the siltstone and the	quartz wa and mudsto -siltatone -Alterat ng fractur pink garn	ion: Son es @ 20 ets assoc	one thin s upwards ne minor to C.A.											
74.39	1278.08	1274.3 to 1277.4 94%	of mediu siltston		Thin an grained qu Some rar	d medium artz wach e scours	and finir	1	:ky									
		Mis- latch	bedding very thi Alterati	in silt/mudston nly laminated. on: Garnets in d lorite along fr	Silts	tone is o	ommonly ore and	ation?										
			in silt Common d lamination At 1274.	and mudstones. isseminations, a ons of Py, Po in 39 have 4-5 cm y	Some calc stringers, siltston vide calci	ite along and thin es and mu te vein.	fracture inter- dstones. Also get	S										
					the thin	wacke bas emination iform Po	s and throughou											
1	ł			grained o	lisseminat:	ions of s	phalerite	$\cdot$										
L LOG - 81																	<u> </u>	

Date Collar	ed	Date Co	mpleted	Core Size		(	DIP TEST	S		PROPE	RTY			PROJEC	CT No.	N.T.S. No.	
	F	IELD C	O-ORDINA	TES	DEPTH	BE A	RING CORRECTED	AN RECORDED	GLE			SURVE	YED CO-OR	DINATES		Sheet	of
Lat		Elev		Dip						Lo1.			Elev.	Dip		HOLE No.	
Dep		Length		Bearing						Dep			Length	Bearing	<del></del>	7	
From	To	Recovery		Des	cription			911	cture	%	Est.	SAMPLI	E No. Width		ASS	SAYS	
								317	crure	Sulph.	Grade	JAMII E					
278.08	1281.66	1278.5	l grained	ds of silt/mudst, generally sharton: 1278.35 =	one, ligh p contact <del>./Sm li</del> g	t grey, m s some up ht grey-e	wards gra	ading.	locky								
		1278.5 to 1281.7 87%		quartz flo um grained, ligh			occurrer	ice									
281.66	1284.95	1281.7 to 1284.1 932	interbe 5 quartz Grading	DS ds of medium and wacke and medium upwards, some s ed bedding, (slu	fine gra grey sil	t and mud	ht grey Istones.	ıor .									
			Alterat light p along h	ion: Minor occu ink garnets in w airline fracture	rrence of acke base s <u>Hairli</u>	. Chlori ne fractu	te altera	ition									
			12		Have fin ations of	e to very Po and P	fine gra y through tabout l	out									
	:	to 1287.2 93%	12	texture:	s giving . these fr	a pseudo	web-like	Bloc Hairli	ky ne fractu . 0-20°	res							
			SAME AS		But hav	e regular	(every l	-3m) R1	.ocky								
284.951	1291.61		light g	nd medium interb rey quartz wacke rately laminated	, and med	ium and t	hin inter	beds									

					<u> </u>
Date.		Logged	Ву	 	·

d	Date Co	te Completed Core Size DIP TESTS								RTY				PROJEC	CT No.	N.T.S. No.	
F	IELD C	O-ORDINA	TES	DEPTH BEARING				ANGLE		SURVEYED CO-ORI						Sheet	of
	Elev		Dip		RECORDED	CORRECTED	RECORDED	CONNECTED	Lat	Lot		Elev.		Dip		HOLE No.	
	Length		Bearing					<del>                                     </del>	Dep.			Lengti	h	Bearing			
	1				<u> </u>	L			%	Est					AS	SAYS	
To	Recovery		D	scription			Str	ucture	Sulph.		SAMPL	E No.	Wigin				
	1 1			f Po and Py	with mi	nor Cpy a	nd					- 1	1		1	1	}
				•					1				i			•	
	1297 2						Rr.	ctures 6		1	1						
											ļ .					•	
		7							1		1		ļ			1	1
	802							ding to C		ļ	<b> </b>					<del> </del>	ļ
	1288.5	7 SAME					l	77 <sup>8</sup>	1		l		l			1	İ
	to		ion: Very litt	le, minor (	garnets a	s in abov	e				i	- 1	ł		i		1
	1291.4							cky	1		l	- 1	1				1
	104%	12							<del>├</del> ──	<del> </del>	├					+	<del> </del>
											ŀ		1		1		•
	1						) Bed	ding to	1		1	ł	ł				1
								. /2			}	ļ	- 1				1
	<del> </del>								<del> </del>	<del>                                     </del>	<del>                                     </del>						
				ougnout.	illior con	volutea					Ì	1	Ì				1
		12		oderste la	minations	of mudst	nne		1		1	1			,		
	1 1	12											}				
						• • • • •					j	- 1	ľ				1
		12	84.98 - 1285.38	Siltston	e with st	ringers o	(		1			ł	}		1	l	1
									<u> </u>	ļ						-	+
															1	1	
		12				th dissem	in- Fra	cture to					}				1
		_						. 15		İ	l	j	j		İ		i
	<b> </b>				ave Otz-C	hlSer-G	<u>t                                    </u>		<del> </del>	<del> </del>	ļ				<del> </del>	+	<del> </del>
		alterat	ion of quartz w	ackje.							1	1	ļ				1
							1				1						
	1						1		1	1			l		1	1	
		FIELD CO Elev Length To Recovery  1287. 2 to 1288. 5 802 1288. 5 to	FIELD CO-ORDINA    Elev	FIELD CO-ORDINATES   Elev	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES  DEPTH  BEARING  AN  BEACOMED  Length  Beoring  Description  Sir  SAME AS ABOVE	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES  DEPTH  SEARING ANGLE  Elev Dip  Length Beoring  Description  Siructure  Same AS ABOVE and thin laminations of Po and Py with minor Cpy and trace Zns.  1287. 35 - 1288.67 One massive-thick hedded.  1287. 20 light grey, medium grey quartz wacke. to Bottom 25 cm of which has fractures healed by quartz - i.e. Qtz-chl-ser  80Z alteration.  1288. 57 SAME  to Alteration: Very little, minor garnets as in above 1291. 46 unit.  104Z 1286.85 - 1287.35 m Moderately laminated silt—  stone and mudstone (with minor thin bedded, medium grained quartz wacke) with disseminations, stringers, and thin laminations of Py. Py. ± Cpy.	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES  DEPTH SECONDO CONNECTED SURVISION SURVISION SURVISION SECONDO CONNECTED SURVISION SURVISION SURVISION SECONDO CONNECTED SURVISION SURVIS	FIELD CO-ORDINATES    Elev	FIELD CO-ORDINATES  DEPTH  STARING  Eiter  Dip  Length  Bearing  Description  SAME AS ABOVE  and thin laminations of Po and Py with minor Cpy and trace Zns.  1287.35 - 1288.67 One massive—thick bedded, to Bottom 25 cm of which has fractures to Bottom 25 cm of which has fractures alignment.  1288.57 healed by quartz - i.e. Qtz-chl-ser  1289.57 SAME  to Alteration: Very little, minor garnets as in above 1291.46 unit. 104x 1286.85 - 1287.35 m Moderately laminated silt—stone and mudstone (with minor thin bedded, medium grained quartz wacke) with disseminations, stringers, and thin laminations of Py. Po. ± Cpy ±  Zns throughout. Minor convoluted bedding.  1289.3884m Moderate laminations of mudstone and siltstone with 15% stringers and disseminations of Py and Po, Also hairline fractures.  1289.54 Maye hairline fractures with dissemin Fracture to c.A. 150  Alteration: At approx. 1291 m law otz-chlSer-Gt  Alteration: At approx. 1291 m law otz-chlSer-Gt	FIELD CO-ORDINATES    Eiev   Dip	FIELD CO-ORDINATES    Fiew   Dip	FIELD CO-ORDINATES  DEPTH  SERVING  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  DEPTH  FIELD CO-ORDINATES  Sheet  Lo!  Elev.  Dip  HOLE No.  HOLE No.  Bearing  ASSAYS  ASSAYS  ASSAYS  SAME AS ABOVE  and thin laminations of Po and Py with minor Cpy and trace Zns.  1287. 35 - 1288. 67 - One massive-thick hedded, received by the minor Cpy and trace Zns.  1288. 79 healed by quartz - i.e. Qtz-chl-ser  ROZ  Alteration: Very little, minor garnets as in above  1291. 46 unit.  1286.85 - 1287.35 m Moderately laminated silt-  stone and sudstone (with minor thin bedded, medium gravined quartz wacke) with disseminations of Py. Po. 3 Cyp;  Zus throughout. Minor convoluted bedding.  1289.3884m Moderate laminations of mudstone and siltatione with 15% attingers and disseminations of Py and Po., Also hairline fractures.  1284.96 - 1285.38 Siltstone with stringers and disseminations of Py and Po., Also hairline fractures.  1284.96 - 1285.38 Siltstone with stringers and disseminations of Py and Po., Also hairline fractures.  1284.96 - 1285.38 Siltstone with stringers and disseminations of Py and Po., Also hairline fractures.  1284.96 - 1285.38 Siltstone with stringers and disseminations of Py and Po., Also Also Also Also Also Also Also Also

Date Collare	d	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY			PROJ	PROJECT No. N.T.S. No.			
FI		IELD C	O-ORDINA	TES	DEPTH	RECORDED	RING	ANGLE RECORDED   CORRECTE		-		SURVEYED CO-ORDI			5	Sheet of		
_01		Elev		Dip '					- CONNECTED	Lat.			Elev.	Dip	Dip Bearing			
Dep		Length		Bearing					<u> </u>	Dep.			Length	Bearin				
From	То	Recovery		1	Description			Sir	uctura	%	Est.	SAMPL	F No. Width		AS	SAYS		
								J		Sulph.	Grade						<u> </u>	
291.611	200 50	1291.4 to	6 INTERBED	S: SAME AS AB	OVE   Quartz	wacke b	ases								1			
291.014			predomin 7 siltston	ate over medio	um and thin	interbeds	s ot turbidite		cky dina to	1								
		907		th relatively		quartz_g		CA	ding to	1								
	į	1295.5	7 Have sco	urs and some	amalgamation	. Mudsto	ones and	1		Ī		l	Ì				Į.	
		to		es commonly co				ions Fr	actures		i l							
-				ngers of Po w		ranging	from 1-15	z c.	actures to A. @ 20° 50°	1	i i			f		1	:	
		1002		content is sh	out 17.				50	<del> </del>		ļ	<del></del>	<del></del>	+		<del> </del>	
		1295.5						ł		1 .			i				ł	
1		to	Alterati	on: Occassion	nal quartz-c	:hlorite-s	sericite-	1.							1			
İ		1002	a garnet a	lteration of	wackes. Als	o rare co	oarse grai	ned									1	
		1002		of albite cry				<del></del>	<del></del>	<del> </del>		<del></del>		<del></del>	<del>                                     </del>	<del></del>	+	
- 1		<b> </b>		also, minor moint in mudstones.					-1					- [		-		
	ļ			ched and some					cky							1	1	
			Hairline	fractures occ	are invaded	oby quart	.z-selicit	CA	ctures to	1			İ	1				
			Zns. Fr	actures and h	airline frac	tures car	ry quartz	<u> </u>		1					<del>                                     </del>	<b>—</b>	†····	
				ite. Quartz					ding to									
	]							C.A	. /1					-				
			QUARTZ W			and thic		1							1			
299.50	304.15			n bedded silts						]		ļ	ļ			ļ		
			Scours, upwards.	minor amalgama	ation of bas	es, minor	fining											
														}				
		I															1	
									-									
1																		
1								ı		1 3		1	i	ı	1	1	1	

ate Collari	ed	Date Co	mpleted	Core Size	DIP TESTS						RTY			PROJECT No.	N.T.S. N	N.T.S. No	
	F	ELD CO	O-ORDINA	TES	DEPTH	BE A	RING	RECORDED	GLE CORRECTED	SUR			YED CO-OR	DINATES	Sheet	of	
.ot		Elev		Dip		RECORDED	COLUCTE	RECONDED	CORRECTED	Lat	af		Elev	Dip	HOLE	lo.	
)ep		Length		Bearing						Dep			Length	Bearing			
				····		<u> </u>	<u> </u>	<u>'                                    </u>	ucture	%	Est.				ASSAYS	SAYS	
From	То	Recovery		De	Description					Sulph.	Grade	SAMPL	E No. Width				
99.50	1304.15	to.	9 Alterat alterat 9 SAME dissemi 3 by quar Po. 3 SAME 1298.64	Some vague cuion: Quartz, cuion associated nated Po. Regutz or calcite o to 1302.31 Fa	rrent lami hlorite, se with fractu minor a lar hairlir ccassional ult Zone Fractur	nations. ericite, ures, als mounts < ne fractu ly with d	o have 1% of res heale isseminat	70°	g to C.A. res to 17°, 25°,								
			coarse ment wi	.80. Quartz ve grained angular th minor chlori lcareous medium calcareous in q	in and faul clasts of te, carbons 1302.70 grained qu	lt brecci quartz a ate and P O thin in uartz wac	nd sedi- o. At terbed of										
04.5	1309.43		INTERBE grained thick i siltsto	DS quartz wacke, nterbed, and th ne and mudstone	medium bedo in to mediu	grey, me ded with um interb		Blocky to C.A	bedding . 69°								
II 106 ·	13	05.18 to 08.23 98%	Po. Co	out 1 to 2% ver ntacts are gene on. Alteration	y fine grai	ined diss . Finin	g upwards										

Date Logged By \_\_\_\_\_

Date Collared Date Completed Core Size				Core Size		PROPE	RTY				PROJECT No.		N.T.S. No.					
	F	IELD C	LD CO-ORDINATES			DEPTH BEARING			ANGLE RECORDED CORRECTED			SURVE	YED (	CO-ORDI	NATES		Sheet	of
L.at		Elev		Dip						Lat			Elev		Dip		HOLE No.	
Dep		Length		Bearing					<del> </del>	Dep			Length		Bearing		1	
	το	Recovery			scription		·			%	Est.	SAMPL	<b>5</b> No.	Width	ASS		AYS	
From	10	R & COVER Y			scription			Stru	cture	Sulph.	Grade	SAMPL	E NO.	Wigin				
			or clay o	throughout.	Occassional		calcite											
			* Cpy alo	with 2 to 3% d ng hairline fra iotite sprinkl	isseminated actures. A ed through	l Po <sup>±</sup> Cp: Llso very out (some	fine											
					could t	e Zns:												
	13	08.23 to 08.84	· · · · · · · · · · · · · · · · · · ·															
1309.431	1311.95	1308.8 to	altered b	CKE aminated throug y sericite and tions of Po. A	shout. Alt biotite (2	0-25%) wi	Strongly th rare	Fractur C.A. 31										
			throughou		clay, P	o, Cpy.	Calcareou	s										
									•									
311.951	314.88	to 1314.1	Bbedded, t	of siltstone gr hinly laminated wartz wacke and	ading down interbeds	of fine-	o thinly	Blocky. to C.A.	Bedding 71									

Date	Logged	Ву	

Date Collared		Date Co	mpleted	Core Size		1	DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N.T.S. No.	
	FI	ELD C	O ORDINA	TES	Dip County		RECORDED	GLE CORRECTED			SURVE	YED	CO·ORD	INATES		Sheet	of	
l.at		Elev		Dip				4100,010	CONNECTED	Lot.			Elev	······································	Dip		HOLE No.	
Dep		Length		Bearing						Dep.			Lengti	1	Bearing		1	
				<b>L</b>	DEPTH BEARIN  DEPTH BEARIN  SECONDED C  STATE OF THE SECONDED C  DESCRIPTION  Minor load structure of the second content of the seco	J	Ţ	<u>.                                    </u>	%	Est.					ASS	AYS	*	
From 1	To	Recovery			escription			Stri	cture	Sulph.	Grade	SAMPL	E No.	Width				
	131	4.18	SAME		Minor load structure rily straight_contacts. Po, Py di hout with Po - Cpy along fractures  Po, Py about 2 to 3% accentrated along laminae. Alterate albitization. Quartz wackes acous.													
		to 5.70	scours, p inated th 81° to C.	roughout with	lght <sub>+</sub> contac Po - Cpy a	ts. Po, long frac	Py dissem- tures at	- Bloci	ку									
		1112	SAME	Λ	Minor load structure rily straight contacts. Po, Py defout with Po - Cpy along fracture Po, Py about 2 to 3 ncentrated along laminae. Altera ate albitization. Quartz wackes eous.  Medium grained, lig	to 3%			1						<del> </del>	· · · · · · · · · · · · · · · · · · ·		
			weak to m	s concentrated aderate albiticles	along lam	inae. Al	teration											
												···						
			OUARTZ WA	CKE	Meditum	grained	light	-		<u> </u>				<u> </u>				
1314.88131	.6.33		grey, thi Alteratio	ck bedded. n: Quartz-chl	orite-seri	cite garn	ets											
	ļ.	5.70 5.90	SAME		quartz	vein with												
		55%													<u>.</u>			
1316.53133	2.90			thin or thick	beds of me		ined quart	z										
	l			al thick inter										i				
			wackes co	mmonly display albite Po T to C.A., where	stone. quartz-chi Cpy associa	Alterati lorite-sen ited with	lon: Quart icite- fractures	z										
RILL LOG - 81			forms spo	ts around smal	l blebs of	Po.	-		Ω-					المممماا	D .			

ate Collare	ed	Date C	ompleted	Core Size		1	DIP TEST	S		PROPE	RTY			PROJECT No.	N.T.S. No.	
	F	IELD C	O-ORDIN	ATES	DEPTH	RECORDED	RING CORRECTED	RECORDED	GLE			URVE	YED CO-OR	DINATES	Sheet	of
at		Elev		Dip						Lat			Elev.	Dip	HOLE NO	
ep		Length		Bearing						Dep			Length	Bearing		
_					Description	L		T		%	Est.	SAMPL	E No Width		ASSAYS	
From	To	Recovery			Description			Str	ıcture	Sulph.	Grade	SAMPL	E NO W10111			
			O SAME				ne quartz									
		to		are very weakly									1			
1		972		nes are weakly t t amounts of dis												
		312	SAME	2 amounts of dis			Py ± Ci	v								
l				ne fractures occ						1	1		- 1			
			with Po	± Cpy and rare	ely with Zns	·.				1						
		1322.1	3 SAME													
1		to		321.60 - 1321.95			with Zns			<u> </u>			1		}	
ļ		1325.1			nations < 12		. 1								j	
	······	95%		324.52 - 1325.18	s Po disser Ssemination				,	<del> </del>				<del> </del>		
1		1325.1 to			2 1-3% and u		craced are	<b>,,,,</b>				1			- [	-
l		1328.3	k 13	331.40 - 1331.79			in thick	Ly		1	'	i			1	
- 1		93%			ed siltston							L				
		1328.3	5		oarser lami					-						
- 1		t0	1:	332.56 - 1332.66		minations	up to 8%	Bloc						:		1
ŀ		1331.4	þ	overall	L 2-3%.			Beddi	ng to C.A. - 70	-				1	- 1	
		92%						69-	- 70	<del> </del>	1			<del></del>		
i			SAME	1 C C+ + -11-4-		seminatio		_								1
Į			Qtz-Ch)	l-Ser-Gt ± albit	te alteratio	on vary r	COM ~ 1% .				1					
- 1		1	Ar 133	2.5070m Hay	ve hairline	fractures	s at 50°			İ	İ		İ	i i		_i
			C.A. tl	nat show normal	movement of	Po stri	ngers of			1						
-			lmm.				_									
		<u> </u>														
l			O QUARTZ			bedded me			-1							1
332.9d	1334.81	to	fine gr	rained at top (1	lm) of unit	and coars	se to med	un Blo	ску		ļ		1			
		1334.4	graine	d at the base of	t the unit.						1			1 1		
LL LOG · 6		92%	1													

ate Collar	ed	Date Cor	npleted	Core Size	]		DIP TEST	S		PROPE	RTY				PROJECT	No.	N.T.S. No	
	F	ELD CC	ORDINA	ATES	DEPTH	BEA RECORDED	RING	AN RECORDED	GLE CORRECTED	1		SURVE	YED C	OORD	INATES		Sheet	of
.at		Elev		Dip						Lai			Elev		Отр		HOLE No.	
)ер		Length		Bearing	<u>                                     </u>				<b>†</b>	Dep			Length		Bearing			
_	_				cription	·				%	Est.	SAMPL	E NO. 1	Vidin		ASS	SAYS	·
From	To	Recovery		Des	EFIPTION			517	ucture	Sulph	Grade	SAMPL	E NO.	V			<u> </u>	
		1334.45			J													
	,	to 337.50		tion: 1334.25 - te-carbonate (wea				C.A.	ctures to				1	1	1			
l	1	1002	serici	ated with fractu	rec @ 100	to C.A.	iteration										<u> </u>	<u> </u>
		1337.50	SAME										-	į	1			1
		to								1	1	{			- 1		ĺ	
		1340.54 87%									l				1			-
		0/6	INTERB	EDS	Thin	bedded me	edium and											
34.81	1337.79		coarse	grained quartz v	vacke silt	stone and	d mudstone	:		1	i	1			İ		1	1
				ccasional medium			tz wacke				1	1	1	ļ	1			
				ry thinly bedded	silt-muds	tones.				<del> </del>	<del> </del>	<del> </del>					+	<del> </del>
ı		<b> </b>	SAME	tion: Minor chlo			laita			1	İ			Ì	ļ			
				alteration.	orre, qua	1112, 8611	icice,			i	j				1			
				ne fractures are	common an	d common!	lv contain				l	Ì						1
			SAME				and bleb	s										
- 1				with lesser Cpy a				Bedo	ding to	1	ľ	l		1				
			1:	335.74 - 1336.34				C.A.	. 64	[	1	1	- 1	1	1			1
					Interbeds			<del></del>		<del> </del>	<del> </del>	├			<del></del>		+	+
- 1		-			edded sil					1	1	i	İ					
		ļ			nd rare sp					1		Į						1
					. Cpy, ± 2						l							
				fracture	es Conta	cts are p	olane para	11el.			1						]	
										1					1			
										<u> </u>								
		340.5		WACKE TO ARENITE			lium grain											
37. 79	1344.05	to		grey with infrequ				mp Bloc	ky		1							
,,,,,,		1344.51		tone and quartz w								1			1			
LL LOG - 8		72%	beddin	<u>g with disseminat</u>	ted Po, Cp	y ± galer	ia (a dark			<u> </u>	<u> </u>	<b></b>						<u> </u>

Collarea	Date Com	ipiereo	Core Size	1	1	DIP TEST	S		PROPE	. PK 1 Y				PROJEC	I NO.	N. 1. S. NO.	
FIE	LD CO	ORDINA	TES	DEPTH	BEA RECORDED	RING CORRECTED	AN RECORDED	GLE CORRECTED	1		SURVE	YED C	O-ORDI	NATES		Sheet	of
	Elev		Dip		RECORDED	CORRECTED	RECORDED	CORRECTED	Lat	·		Elev		Dιρ		HOLE No.	
	Length		Bearing	<del> </del> -					Dep			Length		Bearing		1	
om to R	ecovery	-	De	scription	<u> </u>	1	Stri	ıcture	% Sulph	Est.	SAMPL	E No. V	vidin		ASS	AYS	
		SAME bluish-grey grained metallic mineral also found di							Sulpn	Grade							
	-																
		quartz v	wacke). ± Zns.				1					ļ			i		
	t	quartz wacke). ± Zns.  Found at 1340.30 = 1340.54 and 1347.18 = 134  Alteration: Qtz-Chl-Ser-Gt alteration along fractures also core is weakly calcareous whe				ODG COATS	er		1	1							
							_ ]					l	1			ĺ	
1		has this	s alteration.	-							1		1			1	
	<del></del>		ve minor scours	and a peh	ble-bould	er sized			ļ	<del> </del>						<u> </u>	+
1 1		<u>clast at</u>	t 1337.96m.							İ	l					İ	1
											1						i
										ł	1		j			l	1
	344.51	SAME AS	AROUF	Fault	zone. R	ubbly	<del></del>		<b> </b>								
	to		fractured, faul							i	i					ĺ	1
.08 352.15			arse grained ans							)	1						
	64%		ealed by quartz.			•	_1		<u> </u>								ļ
		SAME		J					1								1
	i	1344.51	- 1344.35 Faul		with pat	ches of			İ		1	l	1				]
			Py with minor						]		1	İ		į		l	
		1342.97	- 1345.20 High					tures	<del> </del>	├	<u> </u>					<del> </del>	$\vdash$
	-		fault breccia infillings co				prim 44 <sup>0</sup>	arily at to C.A.		<u>.</u>							
	347.74	SAME		Fault	breccia a	at 1348.64	,			-							<del> </del>
1		Fault br	Fractures 0 2 eccia at 1349.6	8 - 1349.8	35.			@ 15° &									
<del></del>	92%		eccia at 1351.9			tures to		1	<del> </del>	ļ		<del>}</del>					+
			320 & 550. Min					ly to	-				1				1
			Therever breccia : quartz wacke c				block	чy			ĺ					1	
			e quartz wacke c as evidenced b				1				I		1				<u>l_</u>
G - 81																	

ate Collare	id	Date Co	mpleted	Core Size		(	S		PROPE	RTY		·	PROJE	CT No.	N.T.S No		
	F	IELD C	O-ORDINA	ATES	DEPTH	RECORDED	RING CORRECTED	AN RECORDED	GLE		9	URVE	YED CO-OR	DINATES		Sheet	of
at		Elev		Dip						Lot			Elev	Dip		HOLE No.	· · · · · · · · · · · · · · · · · · ·
)ep		Length		Bearing						Dep			Length	Bearing	ì		
From	To	Recovery		De	scription			Stru	cture	% Sulph	Est. Grade	SAMPL	No. Width		AS:	SAYS	Τ
152.15	354.72	1350.9 to 1357.3 1002	quartz resemb little quartz with p displa   QUARTZ but ha	s minor fault go wacke itself th les a crackle br displacement of -carbonate veinl yrite along them cement. WACKE ve thin interbed	uge develo e brecciat eccia heal clasts. ets throug , about 2-	ion more ed hy qua Quartz ve hout occa 3mm of no as above,	n the closely rtz with ins and sionally rmal	Bedd C.A.	ling to 71								
																	L

Date Collare	d	Date Co	mpleted	Core Size			DIP TEST			PROPE	RTY				PROJEC	CT No.	N. T.S. No.	
	FI	ELD CO	O-ORDINA	ES	DEPTH	BE A	CORRECTED	RECORDED	GLE CORRECTED			URVE	YEC	COORE	INATES		Sheet	of
Lat		Elev		Dip						Lot			Elev.		Dip		HOLE No.	
Dep		Length		Bearing						Dep			Lengi	h	Bearing		İ	
	_				cription	<u> </u>				%	Est.	SAMPL	E N/a	Width		ASS	AYS	
From	То	Recovery		Ues	cription			Stru	cture	Sulph.	Grade	SAMPL	E NO.	WIGHT				
			INTERBE			hin to me		Block	ку									
1354.72	1358.93			ds of medium, to ne and mudstone.						-								
				onal load struct		s wavy at	iu even,											
]		,	SAME		Quarta	z wacke is	very	1					- 1					
		ł		laminated. ion: Minor Qtz-	chl-car-c	et altera	tion of						[			[ [		
	. 1			vackes, also wit														
			SAME		quartz	and albi	te? Spot	s										
		ľ		to be crystallin									ļ					
		1	weakly crystal	albitized and co	ntains fi	ne graine	d albite						1					
			SAME	<b></b>	Mud/si	ltstone i	nterbeds											
		[		fine disseminat				ng						İ				
ĺ			laminae	up to 10-15% ov	er 3-4mm	overall 1	L-3 <b>%.</b>			1								
			SAME		Approx	imately 1	./3 of uni	t Bed	lding to									
	}			areous with one					. 69°					i				
		ŀ		ne to calcareous ith qtz-albite a						ĺĺ			- 1	İ		1 1		
	<del></del>		SAME	Itil qcz-albice a		hout with		Fra	ctures to									
		Ī		. 1357.98m medi				r C.A	. 20° to									
			clast o	f galena.				25	•	! !			1					
	<del></del>	357.3	QUARTZ	WACKE	Thin t	o medium	interbeds		cky				$\neg \neg$					
1358.93	360.60	to		thinly laminate				Bed	ding to				[	Í		[		·
1330.75		363.7 99%		ained wacke. Va		sh tinge.	Very	C.A	. 67				1					
		776	SAME	ained Po dissemi		tic, rese	mbles									t		
		1	paper 1	ams.		, 1-00	= = = =											
DEILL LOG - 81		1										L	1			<u></u>		

Date\_\_\_\_\_Logged By\_\_\_\_\_

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**)** ....

Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJE	CT No.	N.T.S. No.	
	F	ELD C	O-ORDINA	TES	DEPTH	RECORDED	RING	RECORDED	GLE	1		SURVE	YED	CO·ORDII	VATES		Sheet	of
.01		Elev		Dip	<del>                                     </del>	**CONDED	CORRECTED	RECORDED	CORRECTED	Lat			Elev		Dip		HOLE No.	
Dep		Length		Bearing			<del> </del>			Dep			Lengt	h	Bearing		-	
From	Го	Recovery		De	scription		<u> </u>	64	cture	%	Est.	SAMPL		Width	<u> </u>	ASS	AYS	
								5170	icture	Sulph.	Grade	SAMPL	E NO.	Widin				]
360.60	1362.23		quartz	EDS Estone, mudstone wacke with flat I disseminations	and fine even cont	to mediu	fine	Beddi C.A.	ing to 63									
			SAME ser-gt	alteration. 360.60 - 1361.43	wacke	has weak of diss	qtz-chl- em. Po ale	Block	ку									
362.23	1368.78		vague i		Medium uish-grey, Interbeds	to fine sometime of medium	grained es with a m or thin	Bedd: C.A.	ing to 60°									
			interbe			ır												
			SAME carbona	Quartz wacke is te appears to b z-chl-ser-gt al	over 5 over 5	0% of unito fracti	lt, this uring and	Fract C.A.	ures to									
368.78	1376.63	to 1370.1	of muds		and medi	um to fir		ı [	•									
		96%		wacke. General onal load struc				is, Bedai	ng to							!		
			SAME Alterat with qt	ion: 1370.46 w z-chl along fra bitization of m	(convo eakly calc ctures at	luted bed areous as 35° to C	iding). ssociated .A.	C.A.	68 <sup>0</sup>									
LL LOG · 81				e fractures wit 72.95 5 cm wid biotite an	h minor Po e quartz v		Сру.											

ate Collared	C	ate Comp	oleted	Core Size	T		DIP TEST	S		PROPE	RTY				PROJEC	T No.	N.T.S. No.	
	FIF	D CO	ORDINAT	TES	DEPTH	BEA	RING CORRECTED	RECORDED	GLE	-		SURVE	YED C	OORD	INATES		Sheet	of
a†		lev		Dip		344433				Lat			Elev		Dip		HOLE No.	
Эер		ength		Bearing	<del> </del>					Dep			Length		Bearing			
<u> </u>	l			<u> </u>		l	l	<u> </u>	<u> </u>	%	Est					AS	SAYS	
From To	SAME 1370.70 - 1				escription			Str	scture	Sulph	Grade	SAMPL	E No.	Vidih				
			13	fractu 76.53 & 1377.0 chlori	eous. Bott tions relat resi 7 Laminati te.	ted to ha	nave blead											
376.631381	. 71 13 13	70.12 to 76.22 002 76.22 to 80.79	roughly thick i 50-60% medium weakly	WACKE with 3 medium lm apart. At nterbed, coars with silty mat grained quartz calcareous. S ingers of Po.	interbeds ( 1379.55 - e grained ) rix) gradin wacke this	1380.19 base (qua ng upward s interva	spaced Have rtz_grain s in to a l is											
		974	Alterat and ar chlorit healed	inn: Quartz we altered by que. Fractures by quartz and/ulfides.	uartz and a are common!	sericite : ly hairli	minor ne and ar	C.A. 34°	tures to 0°, 18°									
1381.711383	. 31		INTERBE siltsto wackes. overall	nes, mudstones Po dissemina	and very	on throug	ned quart hout 1-2%											
			SAME Po. ± C				lets with	ļ										

Date Collared	Date (	Completed	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N.T.S. No.	
	FIELD (	CO-ORDINAT	res	DEPTH	BE A	RING CORRECTED	RECORDED	GLE	-		SURVE	YED	COORE	DINATES		Sheet	of
1.01	Elev		Dip						Lat			Elev		Dip		HOLE No.	
Dep	Lengt	h	Bearing						Dep			Lengt	h	Bearing			
			·						%	Est.					ASS	AYS	
From To	Recover	Ty	Des	cription			Stru	cture	Sulph.	Grade	SAMPL	E No.	Width				
		SAME			e rich, r												
1			ations approx. l														
	Į		<b>dish-grey,</b> mudst <del>quartz grains</del>	ones com	only con	tain fine			1		1						
	1 380.	79 OUARTZ W		Medium	grained	and bedde	d Block	cv									
1 383. 311 389.6	f · ·		ey, vaguely lami				Frace	tures to			1						
	1 385.¢	67 biotite	and thin interbe	ds of lam	inated a		C.A.	21°,55°	,		Ì	- 1					
	947		d mudstone (weak	7	•										<del>                                     </del>		
ĺ	ļ	SAME Unit is	weakly calcareou			lsseminati mudstones		ng to			ĺ						
			weakly calcareou hly 25% of inter				o C.A.	640									
			ix and fracturin								<u> </u>				<u></u>	ļ	
		SAME			tion: Mi						l					}	
			. Specks of fin												}		
			throughout. Al	so some v	ery fine	grained									]		
	<del>                                     </del>	SAME SAME	s near base.	T			Frace	ures @			<b> </b>						
	1		6.67 - 1386.73m	ـــ Fracture	d with a	uartz	16	38°, 74°									
			flooding.				to C.										
	-	J	associate	d with fr	actures a	and quartz					ļ						
	1385.				and mino		Beddi	ng to				- 1	ļ				
1389.66 1394.6	2 to 1389.		s, of medium gra	•			C.A.	<b>5</b> /*									
	80%		quartz wacke, si	rescones	and mudst	.ones.	j		į į			İ	Ì			Ĺ	
	T	SAME		Siltst	ones and	mudstones											
		,	nor disseminatio		•		1								1	}	
			ackes are predom										-				
	+		e thin laminatio				- For t								<del> </del>		
}	1	SAME	fine grained gra		ones comm			ures to 0, 29									
İ			rine grained gra ing upwards.	THR OT da	aitz. Mi	not scour	S C.A.	0 , 27					j		]	1	
			on: <u>Some gtz-ch</u>	l-ser alt	eration a	ssociated	ĺ										

Date Collar	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPE	RTY				PROJEC	CT No.	N T.S No	
	F	IELD C	O ORDINA	TES	DEPTH	RECORDED	RING	RECORDED	GLE CORRECTED		5	URVE	YED	CO-ORI	INATES		Sheet	of
Lat		Elev		Dip						Lot			Elev		Dip		HOLE No.	
Dep		Length		Bearing			<b></b>			Dep			Lengt	h	Bearing		1	
		1		<u> </u>		<u>.                                    </u>			<u> </u>	%	Est.					ASS	AYS	
From	То	Recovery		De1	cription			Str	icture	Sulph.	Grade	SAMPL	E No.	Width				
		1 389 . 3	3 SAME				in quart		-				_					
		to		Hairline fractures with minor carbonate nd Po, Py ± Cpy. Also thin stratiform			to C	.A. 67 <sup>0</sup>										
		1394.8			d Po, Py ± Cpy. Also thin stratiform with clay and Po5262m Mudstone with two 2 cm bands													
			SAME	- With Clay and														
	ł		1 39		Po, Py ± Cpy. Also thin stratiform ith clay and Po.  i262m Mudstone with two 2 cm band of thinly laminated Py rich pseud marker, bottom band is fault contagnish against fault gouge.  nge in wacke bands. Approx. 50% is							- 1						
												İ						
	<u> </u>		SAME	with fra Hairline fractures with mi and Po, Py ± Cpy. Also thin rs with clay and Po  194.5262m Mudstone with of thinly laminated if marker, boftom band; against if th tinge in wacke bands. Approus (wacke bands).  AROVE Fault zor 94.6265 Fault gouge										<del></del>	† <u>†</u>			
							igue											
						-prom. 5							1					
		20/ 0	O CAME AG	. POUE	1 7. 1.			Нап	wall				-			<del> </del>		
1394 62	1401.80			es. Hairline fractures with tz and Po, Py ± Cpy. Also gers with clay and Po  1394.5262m Mudstone work of thinly lamina marker, bottom bagainish tinge in wacke bands.  areous (wacke bands).  AS AROVE Fault 1394.6265 Fault gouge 1394.7175 " "  1394.82 - 1395.71m Fault (approx. 1 cm) s Fault Breccia 1394.62 - 13 fragatrix (1%)		zone.			, warr ict slicke	n-								1
1374.02	1401.00	1398.4			"- 88-			ľ	and @	Ţ								
		88%						45% 1	o C.A.							<u> </u>		ļ
			SAME					1		'								
			139					Fract	ures to									
j			Pa					Rubbi	16°, 35°									
		1398.4		it Diettia 1374.		nts with		Kupb.	·y									
		to		x (1%)				Fract	ures to									
[		1401.5	2 139	6.56 - 1397.45m	Fault br	eccia cal	lcareous i	n C.A.	25 <sup>0</sup>				- 1			! !		!
		66%		spots.				Rubb	у	<b> </b>								
		i 1	SAME			ately abo		+					ł	1				
į		to 1404.5		pseudomarker sho ment across a fi														
j		93%	aprace	mene across a li	acture at	. 10 .0 .	UIAI	İ						أ				
													1			(		
EILL TOG · 8		لـــــا								·		·				·		

Oate Collare	ed	Date Cor	npleted	Core Size	I		DIP TEST	S		PROPE	RTY				PROJECT	NO.	N.T.S. No.	
	E1	FLD CC	O-ORDINA	TES	DEPTH	BE A	RING	AN RECORDED	GLE CORRECTED			SURVE	YED (	COORD	INATES		Sheet	of
		TElev		Dip	+	RECORDED	CORRECTED	TECHDED	CORRECTED	Lat			Elev		Dip		HOLE No.	
Dep		Length		Bearing			<del> </del>			Dep			Length		Bearing		7	
- T		1			_l	L	<u> </u>		1	%		Γ			<u> </u>	AS:	SAYS -	
Fram	То	Recovery		D	escription			Str	ucture	Sulph	Est Grade	SAMPL	E No.	Width				
1401.80	1405.41		Quartz stringe SAME	DS  e-siltstone and wacke predomina ers of Po in muc tion: Qtz-chl-s	i medium gr ates. Mino istones.	r dissemi	artz wacke inations a		eture at and 40° 									
1405.41	1408.60		bedded non-lam pseudom SAME deforma	mudstone and sininated beds. Therefore with Poor	Iltstone. T Three thin dissem. (V	hinly lar interbed ery thin common so	s of <u>ly laminat</u> oft sedime	d ed). nt										
	•		SAME	05.96 - 1407.06 medium t thinly i	to fine gra Interbedded mudst	ined qua	rtz wacke Ltstone an	d Bedd C.A.	ling to									
1408.60	)1415.62		non-lam of muds SAME	interbeds with inated. Minor	thin mudst scours. R	one tops are mediu	erse grain generally um interbe											

ate Collare	đ	Date Co	ompleted	Core Size	1		DIP TEST			PROPE	RTY			PROJE	CT No	N.TS No	
	F	IELD C	O-ORDINA	TES	DEPTH	BE A	CORRECTED	RECORDED	GLE	-		SURVE	YED CO-OR	DINATES		Sheet	of
.at		Elev		Dip						Lat			Elev	Dip		HOLE No.	
ер		Length		Bearing						Dep			Length	Bearing	)	1	
-		Recovery			scription		<u> </u>	6		%	Est	SAMPLE	No Width		ASS	AYS	
From	To	Recovery						517	ucture	Sulph.	Grade	SAMPLE	Wigin				
			SAME														1
			14		e and medi	um graine	d quartz						}				
					Minor Py, nations (2	Po strir %) H.L.F.	ers and Po. Co	v			<b></b>						1
-				Zns.			,									)  -	1
			OUARTZ A	ARENITE/WACKE	Thick	hedded	primarily	-	***********	ļ	ļ <u>.</u>						┼
415.62		1 1		rained to medic						1	1	1	ļ		ļ		
			upwards	and minor thin	interbeds	of non-l	aminated					1				ļ	
		-		e. Regular med				<del></del>			ļ <u>-</u>	<del> </del>			-	<del> </del>	<del> </del>
]		}	SAME			one to m						İ					1
				quartz wackes weakly													
			SAME														
		] ]	141	18.03 - 1418.70	Thick muc	lstone sl	ump with										ĺ
1					nations and					ĺĺ	Ì	İ	- 1			}	
		<b>├</b> ──	<b></b>		2% grades	up into	a 4cm wide			<del>  </del>					<del> </del>	<del> </del>	<del> </del>
			142	mud sear		elumn an	d wacke						1				ì
ļ		! !	142	Ranges from				ļ			ļ						1
1				some breccia				ents								<u> </u>	<del> </del>
				of Po, Py, Cpy	Qtz. v	ein with											
				ontain varving		nts of P	o dissem.					İ					<u> </u>
<del></del>			SAME			ringers.											-
,			At 1426.														

FIELD CO-ORDINA  Lat Elev  Dep Length	Dip Bearing	DEPTH	BEA	CORRECTED	AN RECORDED	CORRECTED			SURVE	YED CO	).ORDI	NATES		Sheet	of
Lat Elev	Dip		RECORDED	CORRECTED	* SCORDED				, , , , , ,					10000	01
CO							Lat			Elev		Dip		HOLE No.	
Den Length	Bearing		i				Dep			Length		Bearing		1	
													ASS	1	
	0	ription				cture	%	Est.	SAMPL	ENO. WI	din		A55/	415	
From To Recovery	Desc	ription			3111	cture	Sulph	Grade							
SAME AS	A ROVE	Fault	zone. Ci	rackle											
breccia	carbonate infill	 ling mind	or Py alor	ng fractu	es							+			
1428.881434.54 brecciat	ion and minor factors at	ult gouge	along fi	ractures a	it		1		1						
160 to 0	.A. Fractures at	t 60° to	C.A. shou	normal	von 1 v		1								
displace	ment of laminae on the stains.	gyer 1-2	mu. Fract	cures comm	,				l			Į			
nave III	MILLER SCRING.								1						
					<del></del>		<b>├</b> ──								
SAME AS	ABOFE	ل							ł	1	ł				
1434.541435.10									1						
									<u> </u>						ļ
MUDSTONI	E-SILTSTONE	Thick	beds of	thinly					ł	}	1	}			
1/25 101/38 1/4   bedded 1	udstone and silts	stone wi	th minor i	medium to	1				}	]	}	1			1
verv fir	ne grained quartz	wacke,	very thin	ly inter-	<u> </u>				ı		1				
bedded	(rare medium inter	rbed).	Interval	Some	<del></del>		1 1		<del>                                     </del>						
convolut	ted bedding through	gjiout (s. ine oraii	ned quart	z grains.			1 1			]					
14	39.39 - 1439.50	Thin alt	ered inte	rbed with	1						-				
	coarse gr	ained gr	ains of c	alcite.			1		<del> </del>						<del>                                     </del>
SAME		(Appr	ох. 40% с	alcite	İ		1 1								ł
clasts)	•														
										<u>i_</u>	i			<u> </u>	<u> </u>
1404.57 SILTSTO	NE/MUDSTONE	Prima	rily thin	interbed	3		1 1							1	
to of thin	to very thinly l	 aminated	siltston	e and							- 1				-
1438.141482.351451.83 laminate	ed or non-laminat	ed mudst	one. Als	o have ra	nge B1	acky			}	1	ļ				
90%   from si	lty mudstone to m	<u>uddy sil</u>	<u>tstone a</u>	nd regula	r Bed	ding to			┼						
(about	one/2m) thin limy	_Lnterbe	ds that a	re medium	to C.A	. 66			1		1	İ			
coarse	grained calcite a	nd reddi	sn biotit	e. Fine										1	
dissemi	nations of Po thr inations 2-3% ove	ougnout	diso cnin	ad hintit	9				l					<u> </u>	1
DRILL LOG - 81	inactons 2-3% ove	iall. t	THE KIGIT	CA DIVERS	<b>-</b>							_			

Date Collared Date Completed		Core Size		S		PROPE	RTY			PROJEC	T No.	N T S. No.					
	F	IELD C	O-ORDINA	TES	DEPTH	RECORDED	CORRECTED	RECORDED	GLE	1	5	URVE	YED CO-ORI	DINATES		Sheet	of
l at		Elev		Dip						Lot			Elev	Dip		HOLE No.	
Dep		Length		Bearing						Dep			ength	Bearing		1	
									<del></del>	%	Est.				ASS	AYS	<del></del>
From	То	Recovery			Description			Str	cture	Sulph	Grade	SAMPLE	No. Width				
			SAME		(reddi	sh) deli	neates the										
	lamination.																
	SAME		Also o	ne thick	interbed	Block	cy										
			of Po th	m grey mudsto roughout. Apposits (medium	prox. 1-4%.	Have oc	cassional	ns Bedd: C.A.	Bedding to C.A. 61								
			SAME	pusics (medito		aaea) In	rongnour										
ł			appear to have an over		r have limy			a					- (	ļ			1
]															İ		
	SAME		ELION OF MUA	stone.		<del> </del>		-			-				-		
İ				.26 - 1452.34	Reddish-br	own (hema	atitic?)	Ì									
1				thin in	terbed of t	hickly la	aminated,			l i							l
				hard (c)	herty?) silt	y mudstor	ne with										<u> </u>
					of silts tone												l
					ands, also m			s									ĺ
ì				and stri	ingers of Po	(37), a	lso thin						1 1				
					i of cobble			<del></del>		-							
1			1454	.41 - 1461.67	15% clasts,	tone to n	ing it.	Rubbl	v		1		1 1				l
!		- {		t zone 1454.4					ures to		- 1		i				İ
					lickensides,			ng C.A.	0° to 15°		i i		i i				l
					es. Also ca			res and 3	10								
İ		[								1 1	1		1	1			!
į								İ									
		451.8															
1		to		7.12 - 1457.44				Block	у		- 1						1
j		1458.2	3		ne to medium					] ]	Ì		] ]				1
		89%		Approx.	15% with re	mnant sha	adows of P	у I		L1							

ate Collared		Date Cor	npleted	Core Size	DIP TESTS						ERTY				PROJE	PROJECT No.		N T.S. No.	
····	F	FIELD CO-ORDINATES			DEPTH	RECORDED	RING	AN	GLE	1		SURVE	YED (	CO·ORD	INATES		Sheet	of	
g1		Elev		Dip	<del></del>	RECORDED	CONNECTED	ALCORDED	CORRECTED	Lot			Elev	-	Dip		HOLE No	<del></del>	
Оер		Length		Bearing						Dep		Length		Bearing		-			
From To		Recovery		De	scription	<del></del>	<u> </u>	64-		%	Est.	SAMPL	E No.	Width	А		SAYS		
		necord y							cture	Sulph	Grade	SAMPL	- 100	***************************************					
			SAME			replaced	by chlori	te											
	- 1	- 1		toid) approx. 25						i		i				1			
		i	Арр	rox. 1458.00 - 1															
non-laminat 1458.23 silty mudst										1	1					<u> </u>			
ì		to		stringers,				ons Bloc	kv	1				-		1	İ		
		1462.20	)	throughout					. ,			1		1				ļ	
		862	• • • • • • • • • • • • • • • • • • • •								<u> </u>	<u></u>						1	
		1462.20	SAME					Bloc	ky				- 1						
•		to		78.04 Have an 1	Increase in	n size and	d abundand	e Beda	ling to	1		<b>]</b>	I	.	- /	<b>.</b>	<b>1</b>		
		1467.9	}	of Po lamir	nations, ra	anging fro	om 2mm to	C.A.	63 <sup>0</sup>		1			17.63	10m.		Ī		
		87%		lcm with 1	-2 laminati	ions ever	y lcm.			<u> </u>	<u> </u>	L							
i		1467.9	<u> </u>		!		have mind			1	1	Ì	}	1		1	1	İ	
		to		occurrence				Po Bloc		1			!				- [		
ŀ		1479.8	}	and rare th				Bedo	ling to	ł									
		99%		conglomerat		<u>istone and</u>	d Po clast	s C.A.	67	↓	-							<del> </del>	
		ļ .		Po 10 - 157			_	Į.		İ			ļ				į		
1				h grain size is		ud size ti	nere are t	eds		)	1		-	J		1	ł	1	
		· ·	which h	ave a hardness o	or 5-6			1		•	1	Ì		1					
	~		CONGLOM	ERATE	Consis	ts of cla	asts of											<u> </u>	
,,,,				e, siltstone, ar	nd Po ± Cpy	. Mudsto	one and				1	ł		- 1					
482.35				ne clasts are ro						!				!				!	
			from co	arse grained to						L	1	L						<b></b>	
			SAME				om medium							1		1			
		[		to pebble size								l						1	
i				ebs within a cla	re		1	-	[						1				
				of Po. The mati						ļ	ļ	<b> </b>							
				reas with very				۲.		]	]	J							
				in interbeds tha											1				
1			bedding	<ol> <li>Approx. 5% I</li> </ol>	o clasts.			1		]		l	i	1		}	l		

ate Collared	Ď	ate Completed	Core Size		1	DIP TEST	S		PROPER	RTY			PROJEC	T No	N T S No		
	FIEL	D CO-ORDIN	NATES	DEPTH	BEA RECORDED	RING	RECORDED	GLE CORRECTED	$\vdash$		SURVE	YED CO-C	RDINATES		Sheet	of	
,	E	lev	Отр		1100.1010			CORRECTED	Lot			Elev	Dip		HOLE No.		
p p		ength	Bearing						Dep			Length	Bearing				
From To	Rec	overy		Description		******	Stri	cture	% Sulph	Est Grade	SAMPL	E No. Width		A S	SSAYS		
									Sulph. Grade								
	147	9.88 SAME													1	1	
1			94m - 1485.15				İ		i i							1	
			nating bands of				1						1			1	
			eminations and l ner cm) througho										11			1	
	- 1		several thin in				_								1		
l	, -		, with some thi						1 [		1		-   -		1		
			about 15-20% di													<del> </del>	
i		lamir	nations.								1				-	1	
		1							1		Ī	·	-   -				
1	1								1 1			]	1				
		SAME		Same	s above		<del>                                     </del>						1			1	
}	- 1		one interval bu			about 10-	1		1 1		ļ	J	1 1		1		
			verall with rar				1					1	[ ]			1	
1			one. Also scat													ļ	
			ned to coarse er								Ĭ		I		}		
			z and possibly												ĺ	i	
1		'	. ,														
			.06 - 1491.10 I						ļļ		L					<del> </del>	
			stone and very f			acke with			1		ł	l	}		}		
Į	ļ	Qtz-0	Chl-Py associate	ed with fract	ures.				!!				-   -		- 1		
1		1,04	12 - 1494.38 T	hin intorbod	ا م ا	. adltaton			1		i	1	1 1		- 1	1	
			thin lamination													1	
			out 1494.38 Ha									Ì			ŀ	1	
	-		15-25% to 30-5								!	1			[		
	1_	1	ned to pebble si		_						L					ļ	
	148		ones, minor sil				e					1					
ĺ	l t		ed clasts of Po								l	1			1	1	
	- 1		ing from about 1								i	1	] [				
1	1 1	.00% to m	assive Po clasts	consist of	about 30-	-50% of al	11		1 1		i	]	1 1		1	1	

Date Collared Date Completed Core Size			DIF 16313						RTY			PROJECT	PROJECT No.							
	FI	ELD C	O-ORDINA	ATES	DEPTH	RECORDED	RING CORRECTED	AN RECORDED	GLE CORRECTED		S	URVEY	ED CO-OR	DINATES		Sheet	of			
Lat		Elev	Elev Dip				COMPECTED	RECORDED	CORRECTED	Lot		Ei		Dip	<del></del>	HOLE No.				
Dep		Length	~	Bearing						Dep		Le	ngth	Bearing		1				
From	ro	Recovery		De	scription			Stre	cture	%	Est.	SAMPLE N	width		ASS	ASSAYS				
				-						Sulph.	Grade				ļ					
1	<b>)</b> 3		SAME		the co	onglomera	te. Overa	11												
ļ	- 1.	to	about l	0-15%. Also hav	ve minor o	ccurrence	of sulfic	le		1	1 1		)	]			1			
1		100%	Clasts	with laminations	. Also ha	ive angula	er to	l		į .	( )			1	ì		1			
			SubFound SAME	ded clasts of 1	ght blue-	grey mudsi	one	<del></del>		<del> </del>	<del>  </del> -		<del></del>	<del> </del>						
1	[*	to I	1504 3/	4 - 15 16.40 Mi				1		1	1		1	]	Ì					
- 1	l <sub>1</sub>	506.3	elicker	sides and some	hor tractu	res, some	with	Fract	ures to				İ	1	1		}			
	1	98%	minor F	20.	meated by	qcz-care	ite with	] C:Ð∙	ures to @ 0°, 16°		]		1		[		İ			
			SAME					1					<del>                                     </del>				$\vdash$			
}	- 1	ſ	1502.20	) - 1520.90 Con	glomerate	grades do	wn into						1	[ ]	ļ					
- (	- 1	-	a silts	stone with rare	coarse gra	ined clas	ts of Po.	ì						1			1			
													_	l i			<u>i</u>			
1	SAME						1													
	- 1	- 1						ļ		] ]	1		ſ				İ			
		- }						- [	İ	!!			}	i i	ļ		j			
			SAME			····			····				<del> </del>							
ļ	- 1	ŀ	- Ora ID							1 1	1			j			i			
	- 1	i								1			1	ļ			1			
	- 1	- 1									l		1		İ					
20.90152	6.98		MUDSTON	E/SILTSTONE	Medium	interbed	s of	<del>                                     </del>					<del> </del>	<b></b>			-			
	-	Γ		dark grey mudsto	one and re	ddish gre	n muqqa	İ			- 1		1		1		į			
			siltsto	ne. Fine grain	ed Po disse	emination	s through	- Ì			ł		1							
			out. 5	-10% overall				1		l	- 1				1		1			
	1.	506.3L	SAME		Occass:	ional this	n to medi	TIE .					1							
-	- }	to	interbe	d with coarse gr	rained clas	sts and si	lumps		]		- 1		1		1					
- 1	<b>}</b> :	[513.1] (convoluted bedding).					ļ	ļ		- }		} {	1	}		1				
		967											<u> </u>				L_			
-	13	513.1	SAME	1524 00 ==		_		1	İ		j		]	T						
		to 1525.76 - 1526.98 m Fine grained quartz v 1519.66 which grades up into a thinly bedded silts								l l			1	1	}	İ	1			
		19.66	which g	rades up into a	thinly bed	ided silts	stone top.		]	- 1	- 1		1	1	1					
L 106 · 81		95%		<del></del>									11				<u> </u>			

_			
Date	Logged	Ву	

Date Collare	ed	Date Co	mpleted	Core Size			DIP TEST	S		PROPERTY						CT No.	N. T. S. No	
		FIELD CO	D-ORDINA	ATES	DEPTH	BE A	RING	AN RECORDED	GLE CORRECTED			SURVE	YEC	CO-ORDII	INATES		Sheet	of
Lat		Elev		Dip			44404040					Elev.		Dip		HOLE No.		
Dep		Length		Bearing						Dep			Lengi	th .	Bearing	9	1	
_						criation			L	%	Est				<del></del>	ASS	AYS	
From	То	Recovery		De	escription			Structure Sulph Grade SAMPL				E No	Width				I	
		1519.66	SAME					-										
		to										ŀ		ļ				
l	1525.91									İ	Ì							
	INTERBEDS Thin and very thin															1		
526.98											1							
İ				wacke and lamir one and mudstone		sh grey o	or grey	Beddi	ng to 72	ł				ľ				
		525.91	SAME	one and mudstone		oft sedin	nent		ures to		<b></b> -					<u> </u>		
		to		ation. Contacts				C.A.	@ 0°-10°									
		1532.01 some laminations of dark grey siltstone.		25°,	35°	ļ		Ì	.				}					
		88Z 1532.01 SAME Occassional thin laminati					-	ļ	ļ				<del> </del>		-			
1		1532.01 to	SAME	t Cpy and rare 1				10n		ŀ		ĺ		İ			1	
1		1538.11		Also have thin i				tone			:		İ	1				
l		98%		ine to medium gr								<u> </u>						<u> </u>
		1538.1		interval.					,									
- !		to		ut 1537m bed th								]	-	İ		1	İ	1
		1544.21		nterbeds. Calci re faces. Also									1	1				
		1544.2		ssociated with f		400 CITE	c arte		ng to	<b> </b>		<del>                                     </del>	$\dashv$			<b>†</b>		1
ļ		to	At abou	ut 1536m medium	interbeds			C.A.	ng to 71			1	1	į.		1		
i		1550.30	<b>6</b>	i quartz wacke a				i				1	l	į		i	İ	i
		100%		<u>ne unit about 20</u> Inated throughou														<del> </del>
		<b> </b>		. 1% overall.	ic as line	and medic	m grains							ļ				
		approx. 1% overall.										1						
					<u> </u>			-		-								
}		1550.30 m												1				
														1				1
HLL 100 - 81	END OF HOLE						<u> </u>								<u> </u>	<u> </u>	<u> </u>	

