81-#41-9 -9240

ASSESSMENT REPORT

ON THE

DIAMOND DRILL PROGRAMME

ON THE

FOURTH OF JULY PROPERTY

SLOCAN MINING DIVISION, BRITISH COLUMBIA

NTS 82F/14E AND 82K/3E

Latitude 50°00'N; Longitude 117°08'W

for

OWNERS: L. GARLAND G. MOSSMAN K. SARINA



OPERATOR: DAVID MINERALS LTD.

by

Paul W. Richardson, Ph.D., P.Eng. David W. Rennie, B.A.Sc. and Eugene Stary, B.A.Sc.



June 30, 1981

Vancouver, B.C.

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SUMMARY

Diamond drilling was carried out on the Fourth of July Property from August 9 to August 14, 1980. This drilling was done for David Minerals Ltd. by Olympic Drilling Ltd. A Longyear Super 38 wireline drill was used to drill NX core. Total amount of drilling was 229.26 metres in four drill holes (Figure 4). The drill was moved on to the Property on August 6 and removed on August 15, 1980.

The purpose of the drilling was to examine, below the surface, a new vein partially exposed 40 metres southwest of the Fourth of July Vein and parallel to the latter. A VLF electromagnetic survey showed a strong anomaly associated with this new vein.

No ore grade mineralization was encountered by the drilling.

INTRODUCTION

In 1979, a VLF-EM survey was performed over the Fourth of July Vein by employees of Tri County Holdings Ltd., and a conductor was located some 40 metres southwest of the original structure. Bulldozer trenching on the anomaly revealed the presence of weathered sulphide mineralization.

David Minerals Ltd. optioned the claims in 1980 and performed a more detailed VLF-EM survey. This work outlined a strong conductor corresponding with the new showing and with a strike length of at least 120 metres parallel to the old vein.

Four holes were drilled to test the anomaly but only minor sulphide mineralization was encountered. The EM conductor is believed to be due to graphite in the sediments underlying the claims.

LOCATION AND ACCESS

The Fourth of July Property is in the Slocan Mining Division at latitude 50°00'N, longitude 117°08'W on NTS Sheets 82F/14E and 82K/3E (Figure 1). It lies midway between Kootenay and Slocan Lakes, and is 20 km NW of Kaslo, B.C. (Figure 2). Access to the Property is gained by travelling NW from Kaslo on Highway 31A for 25.7 km, turning south across an old railway bridge and ... continuing on a 4-wheel drive road which extends 9.6 km up Robb Creek to the Property (Figure 3). Other dirt roads give access to various parts of the Property and to adjacent properties.

The elevation of the showing is approximately 1800 metres.





CLAIMS

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The Fourth of July Property consists of three claims staked using the Modified Grid System and eight crown granted mineral claims as follows:

Name	Record No.	No. of Units	Expiry Date
ROB 1	1287(7)	16	5 July 1981
ROB 2	1288(7)	6	5 July 1981
ROB 3	1289(7)	12	5 July 1981

Name	Lot No.
Fourth of July	L 2052
San Antonio	L 5602
Texas	L 4889
Cowboy	L 4888
Toronto	L 6000
Lucky Ed	L 5999
Garland (Fr.)	L 5602
Minnie	L 4890

The above list of staked claims conforms with the records of the Claim Recorder in Vancouver. The records show that the ROB claims are owned by G. Mossman and K. Sarina of Kaslo, B.C. Mr. Leonard N. Garland of Kaslo has optioned the eight crown granted claims to Tri County Holdings Ltd., the President of which is Mr. G. Mossman.

The claims are shown on Figure 3.



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HISTORY

The Fourth of July Property and adjacent properties have been worked intermittently since the late 19th Century, and a few small shipments of high grade silver-lead-zinc ore have been made. On the Fourth of July Property, a crosscut 27 metres long was driven at an elevation of 1780 metres, and the vein was drifted on to the SE and NW (Figure 4). The most recent underground work was in 1969 when drifting, raising and stoping was done from the adit level. Some ore was shipped to the Red Deer Valley Mill at Silverton.

A diamond drill programme was conducted in 1970 (Argy and Wickens, 1970). Three additional diamond drill holes were drilled in late 1970 after the Argy and Wickens drilling was completed. The latter holes are mentioned, but are undescribed in an addendum to the Argy and Wickens report written by Garland. The holes were drilled "from road level approximately 100 feet west of the adit level of the Fourth of July".

During 1979, the property was optioned by Tri County Holdings Ltd., and an attempt was made by prospecting and bulldozer trenching to find the source of a high grade piece of float which weighed several tons and was uphill from the Fourth of July Vein. The Fourth of July Vein was tested with a VLF electromagnetic unit and a conductor was found. In addition, a second and more responsive conductor was found 40 metres SW and parallel to the Fourth of July conductor (Figure 4).

Early in 1980, the parallel conductor was bulldozed, and a new showing was discovered. The writers inspected the showing on June 19, and the Property was optioned by David Minerals Ltd. by letter agreement on July 18, 1980.

GEOLOGY

The Property is underlain by Triassic Slocan sediments made up of slaty argillites and schists interbedded with limestones which vary from a few metres to over 30 metres in thickness (Cairnes). The sediments strike NW and dip steeply SW. They are intruded by acid dyke rocks and irregular bodies of medium-grained, biotite granodiorite up to several hundred feet wide.

A conjugate system of faulting in the district consists of NW-trending strike faults and NE-trending cross faults.

ECONOMIC GEOLOGY

The Fourth of July Vein strikes NW. Two small ore bodies have been extracted from it. The ore bodies occurred in the vein where the vein changed strike slightly or where it was intersected by cross faults (Argy and Wickens). The 1970 drilling program indicated that the ore shoots were small but that the silver-lead ratio (oz. Ag/% Pb) is about 2 and that if larger shoots could be found they would be valuable (Argy and Wickens; Snell).

Diamond drill hole #6 of the above programme appears to have intersected the new vein 40 metres NW of the new showing. Recovery in the hole was poor: 1'9'' of core was recovered from a total vein intersection of 4'0''. The recovered core was <u>"Quartz vein</u>, white, medium crystalline, containing angular fragments of argillite. Few small pyrite crystals" (Argy and Wickens, p. 25). The new showing was examined by the writers. The outcrop of mineralization in the bottom of the bulldozer trench was only partly exposed, and the trench was partly filled with water. The showing consists of fragments of remnant galena mineralization with heavy, solid gossan between the galenabearing fragments. A sample sack of <u>specimens</u> of the less altered sulphides was collected by the writers from the bottom of the trench and was assayed with results as follows:

Width	Ag oz/ton	<u>Pb %</u>	<u>Zn %</u>
Specimens only	33.60	15.60	5.15

Subsequently, the showing was cleared of overburden as well as possible, and a continuous chip sample was taken with results as follows:

Width	Ag oz/ton	РЬ %	<u>Zn %</u>
1.9 m	3.1	0.14	0.33

Six additional specimens and samples were collected from the surface and underground at the Fourth of July Vein, and one specimen was collected from the nearby Cowboy trench.

DIAMOND DRILL PROGRAMME

Three drill holes at -45 degrees were originally planned to be collared at 15 metre intervals at a distance of 25 metres southwest of the strike of the new vein (Figure 4). The first hole was to intersect the vein directly below the new showing, and the other two on either side of the first hole.

Due to adverse topography, the first drill hole was collared at 21 metres southwest of the showing, and drilled to intersect the vein directly beneath the showing. This drill hole successfully intersected the vein almost directly below the showing. However, the vein proved to be barren of economic mineralization.

Topography made it impossible to set up the drill 15 metres southeast of the first hole as originally planned, so the second drill hole was collared at the same location as the first and aimed to intersect the vein 15 metres southeast of the showing. The vein was located, but again proved to be barren. This hole intersected the sedimentary rocks at a small angle to the bedding and shearing, and had to be abandoned at 38.40 metres as the drill rods were beginning to bind and there was a good possibility of getting them stuck.

The third drill hole was located 15 metres northwest of the first hole as originally planned. This hole was continued through the Fourth of July Vein to check the possible presence of additional veins in the intervening area. None were found.

A fourth drill hole was collared north of the showing, and drilled to the south to cut the new vein where it was intersected by the projection of a shear zone reported in the shaft at the Fourth of July Vein. No mineralization was found in this hole. The hole was terminated at 62.18 metres when drilling became difficult because the sheared sediments were being cut at a small angle to the shearing.

The drill holes cut through sedimentary rocks of the Slocan series and younger aplite dykes. These sedimentary rocks consist of interbedded argillites, limestones and quartzites. Also present are narrow bands of graphitic material which were tested with an ohmmeter and found to be highly conductive. These graphitic bands are undoubtedly the cause of the electromagnetic anomaly.

Short, irregular sections of quartz-calcite vein material interspaced with argillite were found. While these contained minor pyrite and traces of very fine-grained galena and sphalerite, no significant amounts of economic minerals were encountered. Therefore, the downward extension of the new vein was confirmed, but it proved to be barren.

CONCLUSIONS

- The diamond drilling programme intersected a vein but did not locate any new sulphide mineralization of ore grade.
- The VLF-EM conductor appears to be due to the presence of graphite in the sediments near the vein.



STATEMENT OF COSTS

DRILLING:	August 9 to August 14, 1980 229.26 metres @ \$109.98/m		\$25,213.50
ENGINEERING:	August 4 to August 31, 1980		11,688.57
		TOTAL	\$36,902.07

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STATEMENT OF AUTHORS' QUALIFICATIONS

P.W. Richardson, Ph.D., P.Eng.

B.A.Sc. (1949) M.A.Sc. (1950) from the University of British Columbia in Geological Engineering.

Ph.D. (1955) from Massachusetts Institute of Technology in Economic Geology and Geochemistry.

- 1950-52: Mine Geologist at Sullivan Mine, B.C.
- 1955-66: Exploration Geologist with Dome Exploration (Canada) Limited, Toronto.
- 1966-68: Exploration Geologist with Amax Exploration Limited, Vancouver.
- 1968-78: Vancouver Manager for Newconex Canadian Exploration Ltd.

1978-

Dec. 31, 1980: Principal of Richardson Geological Consulting Ltd. At all times material to the preparation of this report including the collection of the data as well as the conclusions reached therefrom the writer acted as an independent consultant to David Minerals Ltd.

Feb. Jan. 1, 1981-

Present: Vice President-Exploration of David Minerals Ltd.

I have had an interest in and have practised exploration geochemistry from 1953 to the present time.

D.W. Rennie, B.A.Sc.

B.A.Sc. (1979) from the University of British Columbia in Geological Engineering.

- 1976: Geophysical field assistant with Cominco Ltd., Vancouver.
- 1977: Geological field assistant with Utah Mines Ltd., Vancouver.
- 1978: Geological field assistant with St. Joseph Explorations Ltd., Kamloops.

1979-Present: Geologist with David Minerals Ltd., Vancouver.

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B.A.Sc. (1956) from Queen's University.

1956-Present: Exploration geologist for several mining companies.

Member in good standing of the Association of Professional Engineers of the Province of Ontario.

APPENDIX I

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DRILL LOGS

LOCATION	101	() (79 F	**************************************								HOLE	NQ			
				DIAMOND DRILL RECORD						$F_{\rm e}^{\rm B0} = 1$					
AZIMUTH:	4.	5° E		an a			1 A L	• •	PROPERT	Y: FO	urth.	of Ju	ly		
DIP :	- 4.	5.	LENGTH: AS 72 ELEVATION: 5950 D M CLA							19: T-		PTI			
				<u> </u>				<u>+</u>		<u> </u>	205		G		
STARTED:	Avo	9/82	CORE SIZE:	N X	DATE LO	GGED:	210 161	Pri	SECTION		205	·			
	Y_		· .	- 	· · · · · · · · · · · · · · · · · · ·	/	104 1 0 I	ØQ	······································		· · · ·				
COMPLETE	D: Aver	0/80	DIP TESTS:	Nil	· · · · · · · · · · · · · · · · · · ·				LOGGED	BY: E	· STA	RY			
											· · · · · · · · · · · · · · · · · · ·				
PURPOSE	Test	new vein													
	•				، بو آنو										
MET	RES		DESCRIPTION		SAMPLE	MET	RES	LENGTH	Au	Ag	Cu	Zn			
from	to			· ·	No.	from	to	METRES	oz /ton	oz/ton	%	%	ļ	<u> </u>	
0	2.74	Dverbucden						ļ	· · · ·	ļ				 	
		•• / • /						 				· · · · ·	_		
2.74	7.16	Argillite - Very	1 time graine	d, dark	·	Note	- 60	e s	fored	at	finsw	orth.	Mill	4	
		grey to bl	eck Band	ing at				 						+	
		60-80 +0	Core QXIS.	Occasional	<u></u>	<u> </u>			 	<u> </u>	 				
		thin Store	igers of gi	lartz to 2mm				·							
		Scattered	pyrite crys	tels to ICM7.											
0.11	010	A it del	/					ł		<u> </u>					
1.16	7.67	Aprile ayke . F	ine grained,	nassive, pare				<u> </u>			<u> </u>	· · · ·			
		greenish wh	d Burite	legrained				1.						1	
		la ser ada	a pyrite	s'cm				1						1	
		- IUMEY EHGE					· · · · · · · · · · · · · · · · · · ·	1				1	1		
9.69	19.26	Acaillite. As a	above. Fino	calcite	-	-									
		Stungers &	arallel to b	anding at											
		50° to cor.	e axis	1		,								1	
	-	14.81- 15.03	- Graphitic	sheer,				<u>.</u>		 					
		highly c	onductive	۰.		l		ļ	L			.			
		15.85 - 18.2	9 - 0.61 m	Core recovered			· · · · · · · · · · · · · · · · · · ·	<u> </u>	ļ		_				
	+	18.90 - Sore	badly sheare	.d	*				 	 			 		
	+							}		<u> </u>		+	<u> </u>		
19.26	24.62	Aplite - Fine q	rained massi	ve pale		 				 	 		·		
	+	grey to whin	le Upper c	ontact	<u> </u>										
		Irregular w	ith angular	Inclusions.			[+	<u> </u>	<u> </u>			+		
		Dt arg, 11,7	e to 15 mm	Chick . Uccasional	<u> </u>		•••	<u> </u>		·		+		+	
		- light green	Crijstels To 1	em long.		L	ļ		_	.	ļ	· • · · · · ·			

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		DIAMOND	DRILL RE	CORD	:		******		HOLE	NO: F 8	0-1	
		·							PAGE	№: 2 °	t 2	
MLT from	RED to	DESCRIPTION	SAMPLE Nº	MET from	RES	LENGTH METRES	Au oz / ton	Ag oz./ ton	9%	Zn %		
24.62	26.55	Argillite - As above, Bonding 40-60° to										
		core aris.										
		25.0 - 26.2 Occasional this graphitic	· · ·									
		bands, highly conductive										
26.55	28.56	Quertz - carbonate venlets .5- 15 cm	041558	26.55	27.55	1.00		0.01	0.01	0.04		
		comprise 20% of core in banded	041559	27.55	28.56	1.01		0.01	0.01	0.01		
		graphitic argillite			L	1						Į
					L	ļ						L
28.56	45.26	Argillite - As above.			L				· ·		•	
		36.58 - 41.14 . Small blobs and	ļ	L	ļ	_						L
		fine bands to 2 mm of saleite										<u> </u>
45.26	45.72	Limy quartzite, Medium gray fine									<u></u>	
		grained . Occessional fine grained	<u> </u>							·		
		PV+14e										
45.72		End of hole.			:							
			l									<u> </u>
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LOCATION:				· • · · ·		-	-			HOLE	NQ		
2000000			DIAMOND DRILL RECORD								F80 -	2	
AZIMUTH:			3				-	PROPERT	Y: F	ourth	of Ju	'y	,
DIP :	-450	LENGTH	38,40M	ELEVATIO	N: 59.	39. OM			e: Fo	orth o	f July	CG))
STARTED:	1	CORE SIZE		DATE LO	GED: D	10 15/4	2/1	SECTION		L 20	5-2		
-	14491	5/80		·		09 13 14	Ū						
COMPLETE	D: Aug 1	DIP TESTS	· NIL					LOGGED	BY :	Е. STA	π У		
PURPOSE	Test	new Vein											
				 ,						T			
MET from	RES to	DESCRIPTION		SAMPLE No.	MET from	RES to	LENGTH	Au oz /ton	Ag oz/ton	Си РЬ %	Zn %		
0	4.27	Overburden	•										
4.27	7.19	Argillite Very fine grained	dark grey to		Note	- Cor	e sto	red a	+ Au	5 000	-+h M	<i>.</i>	
		bleck Finely bended a	f 50° to core										
		lan_	y : ////										
		4.17 - 5.19 Core b	adly broken						·				
		Core recovery 60%											
7.19	9.05	Aplife. Fine grained, ma	ssive, pale										
	ļ	greenish grey with	occasional										
		light green phenocry	st to Icm										
9.05	19.2	Argillife. As above											
	ļ	13.4. Banding at 40	to core axis	.									
		15.5 - 17.4 Core bo	rdly sheared										
19.2	26.33	Aplite As above						· · · · · ·			a ang gang ang ang ang ang ang ang ang a		
26,33	30.00	Arg. 11. K. As above, Band	no at 20° to					·					
		Core axis:	/							, 			
30.00	35.97	Carbonate - quarta vein e	20% in	041560	29.99	31.51	1.52		0.19	0.11	0.97		
		fractured are, 11. to . C.	becate VUggy	041561	31.51	33.04-	1.53	<u>`</u>	0.34	0.12	1.12		
		with miner guartz cr	ystals in vuq.	041562	33.04	34.56	1.52		0.06	0.02	0.05		
		Traces fine galena c	rystle. Fine	041563	34.56	35.97	1.41		0.01	0.01	0.03		
		grained schalerile les.	3 then 1%			L	1	L	1	1	l	L	1

		DIAMON	CORD					HOLE	<u>0-2</u> of 2			
ыліт from	REE to	DESCRIPTION	SAMPLE Nº	MET from	RES	LENGTH METRES	Au oz / ton	Ag oz./ ton	Cu %	Zn %	·	
35.97	36.58	Limestone. Medium grey, fine grained Finely banded at 40° to core axis										
36.58	38.40	Argillite As above. Banding at 20° to Core axis										
38.40		End of hole										
								·	······································		······	
										· · · · · · · · · · · · · · · · · · ·		
								· · · ·			 	
											<u> </u>	
											 	

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LOCATION:			` <u>.</u>	DIAMOND		CORD					HOLE	N0 F 80 - 3		•	
AZIMUTH:									PROPERTY: Fourth of July						
DIP :	-45°		LENGTH	82.90	ELEVATIO	N :				12: FO	urth o	8 July		·	
											1205	-E. '			
STARTED:	Augi	2/80	CORE SIZE:	NX	DATE LO	GGED: A1	19 15 18		SECTION	:		<u>.</u>			
COMPLETE	D: Aug 1	3/80	DIP TESTS:	NIL					LOGGED	BY: E	. STA	1 RY			
PURPOSE	Test	new Vein			······					······································					
MET	RES to	DE	SCRIPTION		SAMPLE No.	MET	RES	LENGTH METRES	Au oz./ton	Ag oz/ton	- 06 - P6%	Zn %			
ค	3.4.6	Quarkundan		•				÷							
	0.00						<u>.</u>								
3.66	9.14	Arg. Mite. Very fine	girained, de	ark grey to		Note	Core	stor	ed at	Ains	worth	Mill			
		Oleck Banding	<u>ar 40 to</u>	Core QX15			· ·			1					
····		4.26 - Aplile	Strack S	cm mide:						· ·					
			<u> </u>												
9.14	12.50	Aplile Medium gro	ined pale	grey messive											
		Lepper conta	ct Sharp,	irrequier						 				 	
		Occasional 119	iht greenis	h phenocrysts						 				<u> </u>	
		to 2 cm.		······						-				<u> </u>	
12.50	20.73	A. III A. alu		· · · ·				<u> </u>							
12.30		Revite crystal	and blebs	to lam 1-2%	1		· · ·							·	
		Fine Waved c	arhonate 1	bonde to 2mm											
		16.46-17.07	- Aplite. 5	heared, white								 			
		Very fine gro	ined. Soft	, soapy feel.					· · ·						
		18.84 - 18.95 -	Aplite, as	abre.				·	 						
		19.20 · Bandy	ng at 60°	to core axis					 			_		<u></u>	
		19.50 - 20.73	Badly sh	eared at				<u> </u>						<u></u>	
	+	5-10. to	Core gxis.							+	<u> </u>	· · · · · · · · · · · · · · · · · · ·		+	
20.73	22.43	Quertz-carbonate	vein. 1	lein material	041564	20.73	22.43	1.70		0.02	0.07	0.02		<u> </u>	
		30-40% with	remaind	ler bodly					ļ	<u> </u>	ļ				
		Sheared arg	illite Sh	ering almest					ļ			ļ	 	_	
	ļ	parellel to core	exis. Ven	naterial contains			ļ	<u> </u>	 		· · · · ·	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
	1	Very fine diss	emporte que	leng less than 1%			I	L	L	<u> </u>	I	1	<u> </u>	L	

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·				LIU.								
		DIAMOND	DIAMOND DRILL RECORD FRD - 3									
		\$							PAGE	№: -2,	of 3	
MLT from	RED to	DESCRIPTION	SAMPLE Nº	MET from	RES	LENGTH METRES	Au oz / ton	Ag oz./ton	Cu %	Zn %		
22.43	25.60	Argillite. As along.										
		Pyrite crystals and blacks to 5mm - 2-3%										
		24.53-25.60 Fraphitic bands to 5 mm.	L	ļ	ļ							
		Highly conductive.		ļ	<u> </u>						L	
			L	ļ	l	·				ļ	<u> </u>	ļ
25.10	32.61	Limestone Very fine grained, medium to dark_	 	_	+	_				 	 	
	······	grey with narrow graphitic bands	 		_					 	ļ	·
		27.43 - banding at 60° to core aris	 		+				<u> </u>	_		
									·····		 	
32.61	36.16	Argillife, As above.	 									<u> </u>
		Pyrite 1-22		+							<u> </u>	<u> </u>
31 76	20 10	limestere de abio		<u> </u>	+				· · · · · · · · · · · · · · · · · · ·		<u> </u>	
00.18	······································	Banding of (A" to care Qui		<u> </u>				+				<u> </u>
					1							1
37.49	37.80	Argillile - As abue.	1	1.	1	-						
		Pyr, te 1-2%										
									••			
37.80	39.01	Limestone - As above.								· ·		
												L
39.01	40.78	Argillite, As above		ļ	1		1					1
				ļ				·				· · ·
40.7 <u>8</u>	45.41	Limestone. As abree.	·		<u> </u>							· · · · ·
			<u> </u>								_	<u> </u>
4.5.41	47.24	Argillite. As above.	 	 						 	<u> </u>	
										· · ·		· · · · ·
47.24	49.07	Divite - Medium grey, fine grained, massive	<u> </u>		┥────				*****	 		·
				<u> </u>			 			 		<u></u>
49.07	72.66	Argillite Somewhat lighter grey then	}	╂						<u> </u>		╉
		abore Banding at 60° to core asis		<u> </u>							+	
		not as pronounced as a bavo	{	ł			<u> </u>	┨─────┨		 		+
	<u> </u>	63.40 - 65.53. Rust tilled tracture	<u>+</u>	 	- <u></u>				<u> </u>	<u> </u>		+
		67.19 - Banding at 50	<u> </u>		+		}			<u> </u>	<u>+</u>	+
}			1	 			<u> </u>	╏────╂	•	<u> </u>	+	+
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DIAMOND DRILL RECORD

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				PAGE NO: 3 of 3								
IAE T from	HE B to	DESCRIPTION	SAMPLE Nº	MET from	RES to	LENGTH METRES	Au oz / ton	Ag oz./ ton	ee P% %	Zn %		
12.66	73.33	Aplite, Fraht gray fine grained massive	041552	71.14	72.66	1.52		0.01	0.01	0.03		
			53	72.66	73.33	0.67		0.02	0.02	0.03		
73.33	77.81	Querto - Carbonate Vein Argillik inclusions	54	73.33	74.85	1.5R		1.63	0.66	2.58		·
		to 15 cm wide-25%. Fine grained	55	74.85	76,38	1.53		0.91	0.32	1.94		
		disseminated pyrite to 50% with	56	76.38	77.78	140		0.96	0.73	1.32		
		disseminated galance 2-38. Sphalerit	04-1557	77.78	79.31	1.53		0.07	0.04	0.43		
		3-4 % Corbinet & Vuggy with quartz				ļ						
		and galena crystals in UNGS.				.	·					
						L				· · · · · · · · · · · · · · · · · · ·		
77.81	79.40	Argillite. Dark grey to black util banded				_						
		at 60 to 70° to sore axis.				_						
						 		 				
79.40	BZ. 90	Limestone Medium grey. Banding at 60° tu			ļ							
		Core axis							· · · · ·			
		BO.31- Al. 07 - Aplite dyke										
						_						
272		End of hole	ļ		 		Į	 				
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LOCATION:		DIAMO		CORD		• •	HOLE NO F80-4						
AZIMUTH:		• • • • • • • • • • • • • • • • • • •				-	PROPERTY: Fourth of July						
DIP :	- 45 •	LENGTH: 62.18 M	ELEVATIO	DN :				10: F-L	Jorth	of Tu	,/4 C		
STARTED:	Aug 13	AD CORE SIZE: NX	DATE LO	GGED: A	vg 1518	>	SECTION		<u> </u>	- <u>2</u>			
COMPLETE	D: Aug 14	180 DIP TESTS: NIL					LOGGED	BY: A	E. STAR	y			
PURPOSE	To ct	eck intersection of shear zone and new	lvein		· · · ·								
ME1 from	RES to	DESCRIPTION	SAMPLE No.	ME	RES to	LENGTH	Au oz /ton	Ag oz/ton	011 - P6%	Zn %			
. 0	3.65	Querburden											
3.65	14.21	Argillite Dark grey to black Faintly		Note	Core	stor	ed as	Ain	wort	hM,	KL		
		Found handling of 25° to core axis											
		Occasional pyrite crystals to 5mm											
		10.82-14.02 This rusty seems at											
		25' to core axis											
14.81	19.50	Aplite Light greenish grey fine grained											
<u>.</u> ,		massive with less than 1% finely			· · ·	. 							
		disservingted pyrite											
19.50	26.03	Limestone. Dark grey, very fine grained											
		Finaly banded at 20' to core axi	<u>s.</u>		· · ·								
26.03	31.24	Argillite. Do. k grey to black. Pyrite 1%;	9										
_ ,		Crystols and blebs to 5mm										<u> </u>	
		26.27 - Quartz- carbonate verblet 0.341	n						· · · · · · · · · · · · · · · · · · ·		 	 	
		w, de,			<u> </u>							<u> </u>	
31.24	37.18	Limestone- As above.											
		35.23 - 35.97 - Ground core. Resourced as	041565	35.23	35.97.	0.74		0.03	0.01	0.04		ļ	
		black, fine grained sand, Vain?		·		ļ							
						·							

DIAMOND DRILL RECORD

HOLE	- N(}:		
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ME T from	RED to	DESCRIPTION	SAMPLE Nº	MET from	RES	LENGTH METRES	Au oz / ton	Ag oz./ ton	Cu %	Zn %		
37.10	38.40	Limestone. As above.										
		Banding at 20° to core axis										
38.40	48.77	Argillite. Dork grey to black Evely banded						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
		at 20° to sore axis, Occasional fine coline		<u> </u>		·						
		Stringers to 2mm wide, porallel to banding				-						
		2 cm										
										· .		
48.77	53.19	Limestone - As above.	<u> </u>									
		Fine graphilic bands at 49.3 M		 	ļ	_ _						
					 							
53.19	62.18	Argillite - As above.		<u> </u>	<u> </u>							
		Banding at 20-30 to care axis.	···-									
		Pyrile 3-5% in irregular elongated										l
		masses to lem thick								·		
		51.86 - Graphitic band 4 mm wide		<u> </u>								
		Excellent conductor		 		-						
		60.46 Aprile Byke, Juliae		ļ					· ·	·		
62.10		End of bale	 			-						· · · · · ·
62.16	<u> </u>			<u> </u>	1	-						
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