

42A105W0030 14 GERMAN

010

Diamond Drilling

Township of GERMAN

Report Nº: 14

Work performed by: Hollinger Mines Limited

Claim Nº	Hole No	Footage	Date	Note
P 371209	G2-3-75	1438'	May/75	(1)
P 371388	GE6-3-75	1081'	June/75	(2)
P 371202	GE2-4-76	7761 3295	May/76	(3)

Notes:

- (1) #158-75
- (2) #241-75
- (3) #102-76

AWL 004(7-69)rev.9-72

(SE 14, N/2 Lot 7 Con. 1) P-371209 G2-3-75 0 560' 614-38 510pe; L. 1138 -Base Line 5/0p2 L. 300' 1438 P-37/2/6 Started - May 25/15 (NE1/4, 51/2, Lot 7, Con. 1) Finished - June 4/75 Wire Line - AQ Contractor-Fradley Erstill Pic. 12 6010 1/2 PORCUPINE MINING DIVISION PLAN OF DDH# G2-3-75 JUL 7 1975 Claim P- 37/209 ΆM 7 18 19 10 11 12 1 12 3 14 15 16 20HHa HOLLINGER MINES LIMITED German Twp. Work #158 Scale - 1: 400 TIMMINS, ONTARIO Report of

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EA: ELI	AST	XL 56W Surface Grid South $=$ 180° ar @ 55°; @ 300' $=$ 55°; PROPERTY GERMAN	OND DRIL		KI		FINISH PURPO Hole	MENCED May 25, 1975 HED June 9, 1975 OSE OF to section the Temiskamin Conglomerate sequence.			
		$\frac{10' - 55^\circ; @ 900' - 35.5^\circ;}{200' - 30^\circ}$ Claim P-371209	Ger	rman Tow	wnship			Drilled by Bradley Bros			
FROM	то		1	C	CORE SAMPL						
	'	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE			
0	291	Casing casing driven to 299 using									
	'	BO core size, then AO core. Bedrock actually	ا ا	 							
	'	occurs at 286 but due to badly broken core	291	295		4		H - trace CO_3 strs.			
	'	5 feet were lost and the drillers eventually	295	297		2		" few qtz frags - tr.py			
	· · · · · · · · · · · · · · · · · · ·	had to switch to the AQ core.	297	300		3		" trace CO3 strs - very minor p			
	'	At the bedrock interface there are a	300	305		5		" not many frags.			
	'	couple of pinkish granitic boulders.	305	310		5		" trace qtz.			
291	1259	Temiskaming conglomerate - fairly	310	315		5		" several qtz frags.			
	′	coarse with a wide assortment of elliptical	315	320		5		" trace CO3 strs - sev. qtz fra			
	'	to subrounded pebbles. The conglomerate	320	325		5		" trace 00 ₃ strs.			
	'	is very clean - the matrix being medium to	325	330		5		" trace CO3 strs.			
	'	coarse grained and quartzose with only	330	334	/	4		" quartz frags.			
.	'	minor chlorite-sericite alteration.	334	335	/	1	· · · · · · · · · · · · · · · · · · ·	" narrow qtz + ∞_3 strs.			
	- '	Pebbles are up to 2" in size, and of	335	337	/	2	//	" few fine qtz + CO3 strs.			
	'	several types including: buff and dacitic;	337	338	/	1	· · · · · · · · · · · · · · · · · · ·	" trace qtz + py.			
<u> </u>	<u> </u>	buff to cream coloured chert; milky to	338	340	/	2	/	" fine pyrite fracture along co			
	<u> </u>	grey quartz; dark green chloritic; granitic;	: 340	342	· · · · · · · · · · · · · · · · · · ·	2	· · · · · · · · · · · · · · · · · · ·	" few qtz frags.			
	'	pinkish stained dacite(?) pebbles and	342	343	/	1	ſ′	" ¼" qtz stringer, tr.py.			
	'	scattered lenticular fuchsitic pebbles. The	_343	345	/	2	/	" coarse frags.(few are qtz).			
	'	pinkish stained and granitic pebbles are	345	350	/	5	· · · · · · · · · · · · · · · · · · ·	" coarse frags trace CO3 str			
)	confined to a narrow zone between 343.5 and	4	·	/	1	,				
	<u> </u>	355.	4		,	·····	· · · · · · · · · · · · · · · · · · ·				
	۱ <u> </u>	Alteration is mainly confined to the	4		,		,				
	,	matrix component although locally there are	4	,,	,	ļ,	ļ,	l			

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DIAMOND DRILL REPORT

HOLE NO. G2-3-75

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GERMAN #2 GROUP

FINISHED ______ PURPOSE OF ______ HOLE _____

German Township CORE SAMPLES FROM то DESCRIPTION DESCRIPTION OF SAMPLE FROM то RECOV. WIDTH ASSAY fine fractures healed with chlorite at a shallow angle to the core. The sericitic component colours the conglomerate a H - qtz frags - tr.CO₃ + qtz strs -350 355 5 spl.py. yellowish buff to pale green colour while the more chloritic portions are considerably 5 H - qtz frags., tr.py 355 360 1/3" gtz str, spl.py (bullish) darker. In the pinkish stained section 1 360 361 splashes of hematite are noted locally, 361 qtz frags, very minor py. 365 4 presumably accounting for the colouration. 365 368 3 qtz frags, tr.py. 368 369 At 369.7 the conglomerate becomes a 1 2 pitted CO3 strs, tr.py cp little finer and granular in appearance 369 1 trace py. 370 scattered qtz frags. with scattered large pebbles. With the 370 374 4 start of this more granular unit the rock 2 greyish gtz strs, tr.py. 374 375 1 is carbonatized. The conglomerate is quite rarely cut by fine stringers of milky quartz and chalky coloured carbonate. Most stringers are at a shallow angle to the core. Scattered stringers bear sulphides - either pyrite or chalcopyrite but most commonly pyrite. Negligible sulphides were visible in the conglomerate matrix although a few of the fragments bear splashes of sulphides, and occasionally sulphides are seen with the chloritic fractures.

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DIAMOND DRILL REPORT

HOLE NO. G2-3-75

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PROPERTY GERMAN #2 GROUP

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FROM	то	DESCRIPTION		c	CORE SAMPL	,ES		
		DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		The carbonatized nature of the con-						
		glomerate is only short lived - lasting up						
		to 375.9 where the rock becomes coarser	376	377		1		H - coarse - some qtz frags.
		and quartzose with numerous closely packed	390	392		2		" med. to cs trace gtz strs,
		fragments to 2".						minor py.
		The very coarse conglomerate continues			1		1	
		to 397; at that point, the coarse sections	404	405		1	+	H - med. to fine - 50% greyish chert
		with numerous closely packed fragments be-				<u> </u>	1	A - IIBA. W THE - SUR greytsn chert
		come a bit more scattered, and smaller	411	412	1	1	+	H - coarse - tr.gtz - minor py.
		fragments, generally less than one inch	ļ,			<u>+</u>	1	A - COALSE - ULIQUE - MILHOF PY.
		and averaging about ½ inch predominate.	+	[]	<u> </u>		1	· ·
		Most of the fragments are buff to yellowish	443	444	11	1	1	W = 302700 = minor other other and
		green and dacitic or offwhite and cherty.				· · · · · · · · · · · · · · · · · · ·	++	H - coarse - minor gtz strs - tr.py.
		Stringers in this section are still quite	446.5	448		1.5	1	
		erratic in occurrence - most are greyish		 			++	H - med. to fine - minor qtz - minor cp py
		quartz. Scattered sightings of sulphides	448	449		1	11	H - med. to cs minor qtz, tr.py.
		are locally noteworthy - occasional coarse					1	$\frac{11}{100} \frac{100}{100} 100$
•		aggregates of pyrite, a few blebs of	463	464	·	1	<u>†</u> <i>†</i>	H - med. to fine - $\frac{1}{2}$ " bleb cp.
		chalcopyrite to ½" and one splash of lead			+		<u>+</u>	
		noted at 440.6. Chlorite is the predom-	469	470	·•	1	++	H - med. to fine - 1/3" str. of qtz
<u></u>		inate alteration but it becomes notably			!		<u> </u>	I MALL WILLE 1/J SULL UL YLL
<u></u>		weaker with a paler coloured conglomerate,	471	472	+	1	łł	H = mod to find = 20% at in star
<u></u>	1	after 447.			!		ļ ļ	H - med. to fine - 30% qtz in strs.
		After 450, the medium to coarse con-	it	·!		[]	++	

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			Ger	man To	wnship			
FROM	то	DESCRIPTION		c	ORE SAMPL	ES		
		DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		glomerate portions are separated by fine	476	477		1		H - 40% qtz-003 as stringers.
····		granular sections with few to negligible						1. 408 qtz W3 as sumpers.
		fragments. Within the coarse sections here	485	486	1	1		H - minor qtz strs - 5% py cp.
		- particularly between 480 and 552, there						
		are a few more lenticular fuchsitic frag-						
		ments relative to the early part of the	502	503		1		H - medium - 4" blotch of cs py.
		hole.	504	505		1		H - fine - $\frac{1}{2}$ " qtz str., spl.py.
		Alteration is largely chlorite-sericite						
		as before with a bit more chlorite (al-	510	511		1		H - fine - ½" qtz str.
		though minor in amount), after 515 where the	3					
		conglomerate becomes darker greyish. Quartz	520	521		1		H - fine - 1/3" qtz str.
		stringers are still very scattered but most						
		carry splashes of chalcopyrite. Some finely	527	528		1		H - fine - ¼" qtz str.
		disseminated chalcopyrite and pyrite in						
		the conglomerate - especially notable	546	547		1		H - fine - qtz str. + cp.
		around 550. As seen throughout the hole,	547	548		1		H - coarse - fine cp.
		there are some local concentrations of						
-		pyrite.	551	552		1		H - coarse - 5% cp py.
		476.5-477.3 - some accessory carbonate			-			
		and broken core.	561	562		1		H - fine - qtz str - ¼" tr.py cp.
		At 571.4 the conglomerate becomes	562	563		1		H - fine - tr.qtz - minor cp py.
.		coarser again and from this point there are						
		numerous coarse pebbles over a wide footage	566	567		1		H - fine - 4" qtz str minor py.
		There are only scattered sections here	567	568		1		H - fine - tr.qtz - very minor cp p

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DIAMOND DRILL REPORT

HOLE NO. G2-3-75

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PURPOSE OF	
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PROPERTY GERMAN #2 GROUP

FROM	то	O DESCRIPTION		с	ORE SAMPL	ES		
		DESCRIPTION		то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		where there is any medium to fine conglom-	574	575		1		H - med.to cs - ½ "qtz-003 str tr.p
-		erate. Fragments are up to 2" in size -	575	576		1		H - coarse - few qtz frags w.py.
		the buff to yellowish dacitic and cherty						
		ones predominating, although most types	596	597	-	1		H - med.to cs - few qtz frags + py.
		recognized at the collar of the hole are						
		still present. Alteration in this zone of	601	602		1		H - fine - ½" qtz str., tr.py.
		conglomerate is largely chlorite - especially						
* we		595-625 which is considerably darker. In	604	605		1		$H - coarse - \frac{1}{4}"$ qtz str., + cp py
		the finer sections, chlorite often adds a						
		speckled appearance to the matrix. Stringer	607	608		1		H - coarse - 'a" qtz str. tr.cp py
		content in the coarser conglomerate appears						
		to have decreased somewhat.		· ····	1			
		Around 755, the chlorite content again	648	649		1		H - coarse - qtz frag + py.
		increases and the zone 755-780 is dark and						
		quite strongly altered. Several of the						
		fragments in this section are bleached a	671	673		2		H - coarse - some cherty frags +
		bit more yellowish in colour from sericite.						fine cp.
		Chlorite continues to be quite strong after	679	680		1		H - coarse - 10% qtz frags + strs.
		780 and the matrix component is more impure.	722	723		1		$H - " - Qtz - CO_3 str + 8% cp.$
		With the added alteration the quartz com-	745	747		2		H - " - 12% qtz strs.
	_	ponent in the matrix is coarser in nature.	756	757		1		H - " - few qtz frags minor
		Further, after 780, most of the quartz	794	795		1		H - med 7% qtz strs minor cp.
		stringers are milky and very irregular in	804	805		1		H - " - 10% milky qtz.
		shape and occurrence. Several of these	809	810		1		$H - " - \frac{1}{2}"$ str qtz + cp

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DIAMOND DRILL REPORT

HOLE NO.

G2-3-75

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PROPERTY ____ GERMAN #2 GROUP

FROM	то			C	ORE SAMPL	ES	<u></u>	
		DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		stringers have marginal chlorite or are	820 825	825 830	5	5		Chl. Congl. V.L. qtz. Highly chloritic sheared broken core.
		refractured with some blotches of chlorite	830	835	5	5		Chl. Congl. V.L. qtz.
		introduced. Pyrite and chalcopyrite are	835	840	5	5		Incr. in sm qtz strs in chl.Congl.
- 		still present - erratically distributed in	840	845	5	5		Sm qtz strs in Congl. best section.
		minor amounts as coarse blotches or fine	845	850	5	5		Chl. Congl. V.L. qtz.
		disseminations.	850	855	5	5		n n
		721.9-722.4 - vuggy quartz-carbonate	855	860	5	5		11 11
		stringer along the core with some heavy						
		chalcopyrite.	898	899		1		¹ / ₂ " qtz str. at 20 ⁰ to C.A. in chl.cor
		Conglomerate with scattered green			÷	*		<u>2 que sur at 20 do c.a. in direc</u> o
		pebbles, large quartz-eyes in matrix	931.5	932.5	7	1		Sm. qtz str 30° to C.A.
		from 725 to 950.			A	<u> </u>		
		Scattered pebbles throughout,	1000	1002	2	2		Fault gouge chl.Congl. sheared blue
		occasional pebble beds.	000		<u> </u>	L		min. along shears.
			1002	1005	3	3		Chl. Congl. slicken sides blue min.
								marcasite.
			1005	1010	5	5		Congl. chl. V.L. qtz.
		·	1010	1012	2	2		Sm. qtz strs.
			1012	1013	1	1		Heavy Py + qtz str. with Py.
-			1013	1015	1	1		Green pebble congl.
						·		· · · · · · · · · · · · · · · · · · ·
			1025	1030	5	5		Bleached pyritic Congl.
	<u> </u>		1045	1050	5	5		Chl. Section.

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DIAMOND DRILL REPORT

G2-3-75 HOLE NO.

HOLE ____

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PURPOSE OF

PROPERTY_____GERMAN #2 GROUP

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				German T	ownsnip			
FROM	то	DESCRIPTION		C	ORE SAMPL	ES		
- <u></u>			FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
			1075	1077	2	2		Qtz str at 5° to C.A. bleached congl
			1077	1080	3	3		Bleached chl. congl.
1259	1438	Chloritic med. grained greywacke -	1095	1100	5	5		m n
	·	Banding at 70° to C.A.	1100	1101	1	1		Qtz strs + Py and minor chalco.
			1101	1105	4	4		Qtz strs. bleached congl.
			1110	1115	5	5		Chl. Congl.
<u></u>			1120	1125	5	5		Bleached Congl. + sm qtz strs.
								
		•	1275	1280	5	5		Chloritic greyw.
			1352	1353	1	1		Sm qtz carb str. Py + chalco on shear plane in greyw.
		not the						
······································	`	10 A Hansen	1360	1362	2	2		Greywacke no qtz.
		C. D. Mackenzie who is away	1362	1365	3	3		Sm qtz str. 10° to C.A.
		HOLLINGER MINES LIMITED on holidays	1415	1420	5	5		Tiny strs. Carb. in mass greyw + Py.
		TIMMINS, ONTARIO						
		Emmino, Station	1435	1438	3	3		Mass. greyw. minor py.
		END OF HOLE - 1438'						

241-15 GERMAN + STOCK TWPS. HOLLINGER MINES LTD. Park Boundary 4 GE6-3-75 1. 108 1081 P-3713.88 (NE14, 51/2, Lot 7, Con. 2) Ark BOUTIGARY Storted - June 10/75 Finished . June 21/75 Wire Line - AQ Contractor Pia of Stre- 1/16" PLAN JE DHE GE6-3-75 Claim P- 371388 20 A Hanse GermanTwp. Scale - 1= 400 HOLLINGER MINES LIMITED TIMMINS, ONTARIO

2/ El A2	ZIM,	XL_54W Surface Grid South - 1800)ND DRI AN #6 G	ROUP	RT n Townsl	nip	FINISH PURPO HOLE	NO. GE6-3-75 ENCED June 10, 1975 JUNE 21, 1975 TO CROSS Section Temiskaming sediments. 11ed by Bradley Bros.
FROM	то	DESCRIPTION		c	ORE SAMPL	ES	-	
			FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
0	240	Casing.						
40	758.5	Interbedded greywacke and argillaceous	240	245		5		Mass. greyw. + argillite, very little carbonate strs.
,		black slaty beds from 1/20" to 1" in width.	240		1	 		very little carbonate strs.
		Banding varies from 30 to 45° to C.A.						
		Local cherty silicified beds cut by qtz		-				·
	_	strs. and carbonate strs. carrying Py Po						
	X	and locally considerable arsenopyrite.	205			2		
		Graded bedding shows that tops are	305	307				<u>Greyw. V.L. qtz.</u> Several sm. gtz strs at 45° to
		down the hole.	307	310		3		Several sm. qtz strs at 45° to C.A. + Py.
		Locally, there are fragments of slaty						4 sm qtz strs + Py in Section
		argillite in massive greywacke.	315	317		2		<u>Otz strs + Py</u> l sm gtz str Py Greyw + argillite.
			317	320		3		+ argillite.
		•						
			325	327		2		10% qtz strs - Pyritic
			327	330		3		rt it 17
			340	345		5		A few sm qtz strs.
			345	350		5		17 TT 17
			350	352		2		Carb. strs + qtz strs + Py
		· · · · · · · · · · · · · · · · · · ·	352	355		3		n n n
	_		355	360	· .	5		A few qtz strs + diss. Py
			360	365		5		ess strs + Py.

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FORM 522

DIAMOND DRILL REPORT

HOLE NO. GE6-3-75

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PROPERTY_____GERMAN #6 GROUP

	FINISHED	
S		DESCRIPTION OF SAMPLE

FROM	то			C	ORE SAMPL	ES		
FROM	10	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
			374	375		1		5, ¼" qtz strs + diss. Py.
			375	376		1		Tourmaline + qtz carb strs Py + P
		(385' - 390') Coarse greyw. shows graded	376	377		1		V.G.? Py + arsenopy.
		bedding - tops down the hole.	377	380		3		Sm. carb + qtz strs + arsenopy.
		Local bedding in finely banded	380	382		2		20% carb strs + Py.
		argillite at 70 ⁰ to C.A.	382	385		3		Pyritic section less strs.
								Device start which De
	1	At 520 to 540', banding is at 850	395	397		2		Pyritic strs + cubic Py.
		to C.A alternating black and light	397	398		1		Carb strs with arsenopyrite.
		coloured argillaceous beds up to 1" in	398	400		2		Qtz strs Carb + Py + arsenopy.
		width, interbedded with coarse grained	400	402		2		Banded argillite + Carb + Arsenor + pyrite.
		greywacke (grit), with graded bedding.	402	405		3		Carb strs. Greyw + argillite.
·····		Tops are down the hole.	405	407		2		Qtz + carb strs. + Py.
						· ·		
			415	420		5		Qtz + Carb strs. + Py.
		-	420	425		5		Qtz + Carb strs. + Py.
			425	430		5		17 PT EF
			430	435		5		99 89 87
			435	437		2		Incr. in Qtz + Carb strs., 30% qtz + carb strs.
			437	440		3		20% qtz + carb strs + Py.
			440	445		5		30% gtz + carb strs. Pyritic
<u> </u>			445	450	1	5		11 11 11

	EAST ELEV, AZIM,							E NO. GE6-3-75 3. ENCED
	<u> </u>		I					1
FROM	то	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		Best section of mineralized bedded	450 455	455 460		5		30% qtz + carb strs. Pyritic
		greyw. with argillaceous beds from 435	460	465		5		Greyw. + a few qtz strs.
		to 460. Beds at 70° to C.A. cut by qtz						
		and carbonate strs.	470	475		5		Carb. Greyw. graded bedding -
·····			475	477		2		Bleached Cream col. section + qtz s minor Py.
			477	480		3		Bleached sericitic section - minor Po. V.L. qtz.
			480	482.5		2.5		Dark greyw highly carbonatized - a few qtz strs at 200 to C.A.
		_	485	486		1		Greyw. + qtz strs.
)			552	555		3		A few qtz + carb strs.
			<u>555</u> 557	557 560		2 3		20% qtz strs + Py + Gouge. Greyw. Graphitic along shear planes a few qtz strs.

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FORM 522

NORTH __

DIAMOND DRILL REPORT

HOLE NO. GE6-3-75

HOLE _

4.

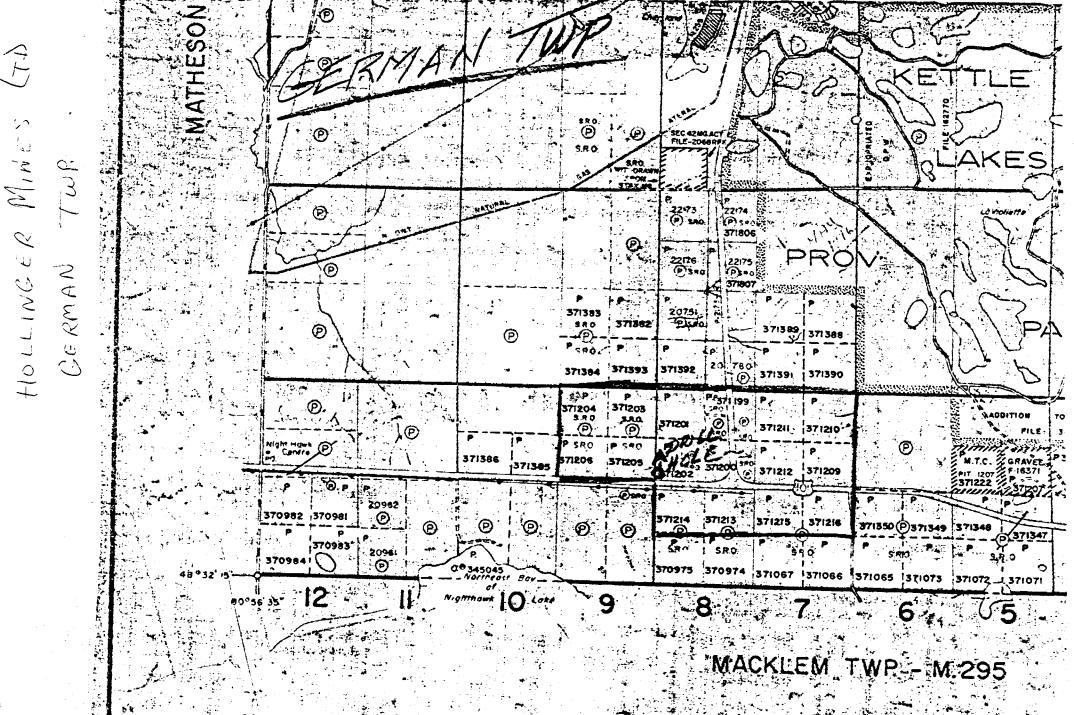
COMMENCED
FINISHED
PURPOSE OF

EAST	· · · · · · · · · · · · · · · · · · ·	
ELEV	·····	
AZIM		
DIP		

PROPERTY GERMAN #6 GROUP

		DESCRIPTION		c	ORE SAMPL	ES			
FROM	то		FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE	
			645	647		2		6" calcite str. in argillite.	
								Puritic calcite breccia at sm angle	
			665	667	+	2		Pyritic calcite breccia at sm angle tp C.A.	
758.5	790	Black, finely bedded argillite,	765	766		1		Qtz strs in Greyw.	
<u>, , , , , , , , , , , , , , , , , , , </u>		pyritic, cut by sm. calc. strs.							
			775	780		5		Black Pyritic argillite + sm strs.	
			780	785		5		te te 17	
790	1081	Fine-grained Greywacke with interbedded	785	790		5			
		argillaceous beds, - bedding at 80 degrees	790	791		1		Qtz-cal strs in interbedded greyw + argillaceous beds.	
		to C.A.					ļ		
			854	855	ļ	1		2 sm. qtz strs.	
•			855	860		5		Qtz carb stus.	
		·							
			975	977		2		Qtz-carb strs. in coarse grained greyw.	
			985	987		2		er 17 12 17	
		lit mon Jemie							
		MOLLING CONTRACTOR	1043	1045		2	<u> </u>	Po + qtz-cal strs.	
		Thomas on capit	 		-				
			1080	1081		1		Carbonatized greyw.	
		END OF HOLE @ 1081'	1	<u> </u>	<u> </u>	1		<u> </u>	

			erice -	
				STOCK WP
GERI	NAN THIP			8 · · · · · · · · · · · · · · · · · · ·
			B	5
				N
∂		22111 2240	380354 380354 380353 380354	1032 60169
	1.37	31 31 31 31 28 35	380758 380357 380756 380756	21
		317 3	3 23 24 3	2 - 15 - 15 - 10 - 2 ²
21 31 4 51 31			360°	36° 36° - 912 - 51 - 12 - 12
1084 311319 31392 @ 311391 311391 3113	0		36032 3509	7602 3802 31 31 36 36
		319451 319453	360 the P	
7:34 1385 1206 1205 1257 1300 121V 1M	59 211222 511201	11208 371214 371220 371224	35eutes D.	
	16 -71350 -71349 -51340 -11347		311353 311354 31251 0	
	2013 1014 1011	P- P-	B 11 C	
	-19 ¹ -17 ¹ -17 ¹	4. 3	2. 1	12 11 102-
Night Hawk Lake	Mack	Klem		Bond



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102-76

Tini,

P-371202 (Sw/4, N/2, Lot 8, Conc. 1) + 776 GE2-4-76 -45° L.776' 3 Started. May 6/16 Finished - May 12/16 Wire Line. B.Q. Dia. of Core - 1.44 in. Contractor Bradley Bras, Ltd Timmins, PLAN OF DDH#GE2-4-76 Claim P-371202 WA Hanse German Twp. HOLLINGER MINES LIMITED Scale - 1'= 4-00 TIMMINS, ONTARIO

	NG Ej El	DRTH \ST LEV ZIM	East 103' East 103' DIAMO 103' E #3 Post - P-371202 Surface True North - 0° ar at 45°: 200':-49° PROPERTY GERMAR 00':-433°: 600':-375° DIAMO	HOLE NO. GE2-4-76 COMMENCEDMay 6, 1976 FINISHEDMay 12, 1976 PURPOSE OF HOLETO CROSS-Section Timiskaming CONGLOMERATE horizon to base.								
		40	$\begin{array}{c} 10^{1} - 4350; 600^{1} - 3750 \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ $	rman To	ownship							
		1				CORE SAMPL	E S	<u>e'., die weerster weerster weerster weerster die die die die die die die die die die</u>	Drilled by: Bradley Bros.			
•	FROM	то	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE			
\smile	0	6'	Casing.					1				
				6	10		4		Pebble congl., 1 sm qtz str.			
	6'	694'	Timiskaming conglomerate, bright green	10	15		5		Congl. green pebbles.			
	and the second		pebbles - numerous large qtz grains around	15	20		5		Chl.alt. 2' sandy section; tiny			
-			pebbles. Pebbles up to 2" in dia.						qtz strs.			
	<u> </u>			20	25		5		Sm qtz cal.str. at sm angle to C.A.			
		· ·	45-48 - bleached quartzite section.	25	28		3		Congl. minor specks chalco.			
•				28	30		2		Chalco coating fractures at sm angle			
			48-60 - incr. in chl. alt. Sericitic,						to C.A.			
-			minor specks of chalco.	30	35		5		Congl. with 3" carb. band.			
				35	40		5		Congl. occ. gr. pebble.			
				40	45		5		2' light quartzite, 3" alt. congl.			
	<u> </u>			45	50		5		Uniform alt. congl., minor chalco.			
				50	55		5		17 17 17 tv			
				55	60		5		++ +T +T ++			
			60-260 - Timiskaming congl., chloritized	•								
	• 		minor specks of Py and chalco. Large					· ·				
			pebbles throughout. A few short quartzitic									
			sections with scattered pebbles. Minor	•								
			shearing locally at small angle to C.A.			ļ						
			Chloritic with minor chalco.									
		+										
\sim												

	E. E1 A	AST LEV ZIM		DIAMOND DRILL REPORT PROPERTYGERMAN #2 GROUP						HOLE NO. GE2-4-76 2. COMMENCED FINISHED PURPOSE OF HOLE					
3	••• (<u>;</u>			Ger	man To	wnship				····-					
	FROM	то	DESCRIPTION	CORE SAMPLES						DESCRIPTION OF SAMPLE					
-				FROM	то	RECOV.	WIDTH	ASSAY		·					
		-													
_		_	(260-460) - Uniform Tim. Congl. Highly												
_			chloritized. Locally chicken track	280	285		5					<u> </u>			
-			structure observed in chloritic zone	285	290		5			·			·····		
_			mineralized with chalco. Local tension	290	295		5								
_			fractures carrying qtz and chalco, also										•		
			specks of copper around pebbles in.	300	305		5			<u>_</u> .			<u> </u>		
_			chloritized matrix.	305	310		5								
_				310	315		5						•		
-			460-694 - fairly uniform pebble beds -	315	320		5								
_			mostly rounded porphyry and qtz pebbles,							·					
			considerable chlorite with minor chalco.								· · · · · · · · · ·		·····		
		-	Only occ. short quartzitic bed with												
			scattered pebbles.								•				
_					<u> </u>				······						
	•												·······		
-				390	395		5		Chl	Copal		meer	pebble		
-	······································			395	400		5				, u	<u>gree</u>	# #		
-				400	405		5		17		.	11			
-		1		405	410		5			Ħ	Ħ		W		
				410	415		5			ft					
-		-							·····						

то	DESCRIPTION	FROM		TOWNSHI	p		
то	DESCRIPTION	FROM	c				
		FROM			ES		
			то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE
		420	425		5		Chl. Congl., occ. green pebble.
		425	427		2		Sm qtz strs 90° to C.A.
		427	430		3		Congl., occ. green pebble.
		430	435		5		Chl. Congl.
		435	440		5		Chl. Congl. specks of chalco.
		440	445		5		PT 12 14 15
741'		445	450		5		17 17 FV FV
	80° to C.A. Conformable with congl.	450	455		5		19 19 19 19 19 .
		• 455	460		5		TT TT TT TT
		485	487		2		Packed Congl. bed (chloritic)
		533	535		2		Congl. bed, chloritic.
-							
							Congl. chloritic.
							n n
		8-					Qtz-cal. str. in Congl.
		314			3		Chloritic congl.
	•	605	608		3		Chl. Congl.
		608	610		2		l" qtz cal.str. at sm angle to (
		613	615				in congl. Sheared chl. congl.
	741'	741' Finely bedded argillite - banding at 80° to C.A. Conformable with congl.	427 430 431 435 440 741' Finely bedded argillite - banding at 80° to C.A. Conformable with congl. 455 485 533 533 560 570 572 605	427 430 430 435 430 435 431 440 440 445 741' Finely bedded argillite - banding at 445 80° to C.A. Conformable with congl. 450 455 460 485 487 485 487 533 535 560 565 570 572 570 572 572 575 605 608 608 610	427 430 430 435 430 435 435 440 440 445 741' Finely bedded argillite - banding at 445 80° to C.A. Conformable with congl. 450 455 435 460 485 487 436 485 487 100 437 533 535 100 438 485 487 100 439 485 487 100 430 533 535 100 430 560 565 570 430 570 572 100 430 605 608 610 431 435 437 100 100 431 533 535 100 100 431 560 565 570 100 431 572 575 100 100 431 432 437 100 100 100 432 435 487 100	427 430 3 430 435 5 430 435 5 435 440 445 5 741' Finely bedded argillite - banding at 445 450 5 80° to C.A. Conformable with congl. 450 455 5 485 487 2 5 485 487 2 5 533 535 2 560 565 5 560 565 5 570 55 3 571 572 2 572 575 3 573 570 57 574 575 3 575 570 5 570 572 2 572 575 3 572 575 3 572 575 3 574 500 5 575 500 5 572 575 3 575 500 5	427 430 3 430 435 5 430 435 5 430 435 5 430 435 5 430 435 440 435 440 445 5 741' Finely bedded argillite - banding at 445 450 5 80° to C.A. Conformable with congl. 450 455 5 455 460 5 5

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	AZI	EV	PROPERTYGERMA		Coup German	FINISH	HOLE NO. GE2-4-76 4. COMMENCED				
				1	<u> </u>	ORE SAMPLE					
	FROM ·	то	DESCRIPTION	FROM	то	RECOV.	WIDTH	ASSAY	DESCRIPTION OF SAMPLE		
			·	675	678		3		Chl. Congl.		
	741'	776'	Fine grained quartzite, faint	678	680		2		17 II		
			bedding at 80°-85° to C.A. Similar to	735	738		3		Chl. argillite, pyritic.		
·			short sections of quartzite between	738	740		2		Many small qtz strs at 70° to C.A.		
			pebble beds from 603' to 605'. This	740	741		1		l qtz cal str.		
			would suggest the possibility of	741	745		4		Fractured quartzite.		
			conglomerates further north.								
			6' of casing left in hole (possible	750	751		1		Sm ¼" qtz str.		
			water source). Hole collared in outcrop -								
			150'± from highway.	760	762		2		Sm qtz str at sm angle to C.A.		
	·.										
				764	765		1		Pyritic quartzite - sm qtz str ½" wide at 40° to C.A.		
			12 marzenzel	765	766		1		Sm qtz str. 80° to C.A.		
			776' - End of Hole.		700		L				
				770	771		1		Sm qtz str in quartzite.		
·	•			774	775				<u></u>		
					//5		1		Sm qtz str in quartzite.		
				775	776		1		Sm qtz str in quartzite.		
¥ 1											