010

TOWNSHIP: Street

REPORT No.:12

WORK PERFORMED BY: Donald R. Watt & Paul McLean

CLAIM No.	HOLE No.	FOOTAGE	DATE	NOTE
S 608390	W - 1	203	Apr/83	(1)
648817	W - 2	490	Apr/83	(1)
	W - 4	595	Apr/83	(1)
	W - 5	497	May/83	(1)
	W - 6	806	May/83	(1)
S 608391	W - 3	773	Apr/83	(1)
То	tal 6 DH	3364 ft.		

Notes: (1) #64 - 83

PROPERTY_	Watt-Mclean	Street	Twp.

 SECTION		
BEARING N35°H	DEPTH203.0	

D.D.H. No. H-1

DEPARTURE_____

LATITUDE _____

COMPLETED April6, 1983

STARTED April 5, 1983

DIP___

ELEVATION_____

V.D._____ H.D.____

ASSAY		SAMPLE			FOOLIGING GEOLOGY
oz.	VALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
1			10505	1/ 0 21 0	
NIL		2.0	19595	16.0-21.0	Chlorite gneiss, dark green with fine
			<u> </u>	ļ	sulphides throughout, 1% py and chalc
<u> </u>			<u> </u>		includes a 3" quartz stringer with
1		<u> </u>		<u> </u>	some py and po.
	<u> </u>		L		
Nil		1.0	19596	21.0-22.0	Chlorite gneiss with 20% irregular
{					quartz stringers with local coarse
			1		py and chalco in the quartz.
1					
Nil		3.2	19597	29.8-33.0	Chlorite gneiss, 10% vein quartz in
					narrow stringers. 2tz is mineralized
1		1			with py and some coarse chalco.
1	t				
Nil	t	3.3	19598	38.0-41.3	Chlorite gneiss, altered section with
1	1				3% pyrite and some chalco, also some
1			1		vein quartz which has a grain of
					magnetite.
 			1		
Nil	t	1.0	19599	40.5-49.0	Chlorite gneiss, altered, in blebs
1	1		1	1	of py in chloritic material. Includes
1	 		 		a 2" quartz stringer.
 	<u> </u>	1			
.305		0.3	19500	54.7-55.0	Quartz stringer, 2" at 45 to the
1.005		1			core, with a little py and chalco
1	1				and a speck of aspy, also some
T				I	stibnite xtals.
T					
	Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil	Nil 3.2 Nil 3.2 Nil 1.0	Nil 3.2 19597 Nil 3.3 19598 Nil 1.0 19599	Nil 3.3 19598 38.0-41.3 Nil 1.0 19599 48.8-49.8 Nil 1.0 19599 48.8-49.8

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Markstay Diamond Drillers

GENERAL GEOLOGY	^	SSAY	SA	MPLE	F007465	ECONOMIC GEOLOGY
	oz.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
	Nil		5.3	35501	56.7-62.0	Chlorite gneiss with dissem py and
						chalco, chalco with a narrow quartz
						stringer.
	Nil		2.0	35502	65.0-67.0	Chlorite gneiss, somewhat contorted
						with narrow quartz-carb stringers and
	<u> </u>					a few small quartz blebs. Some py and
						a little chalco, also fair stionate
				ļ		in seams.
	ļ		 	37503	00 (0) 7	100
	Nil		1.1	35503	80.6-81.7	Chlorite gneiss, 15% vein quartz in
			 			irregular stringers with some py,
			 	 		chalco and stibnite.
83.6-170.3	 		 	 		
Chlorite gneiss, similar to previous	 		1	 		
section but with less dissem. sulphides.	 	1	+			
Section but with less dissemble surprises.	 		1	†		
83.6-85.2			1			
Less chloritized section, light						
pinkish grey, looks like altered					L	
quartzite.						
	↓	ļ	1	<u> </u>	ļ	
ô7.ô rusty seam	├	 	 	 	ļ	
/2.0.00 f	-	 			 	
90.0-90.5 Rusty brecciated section with a little		 	+	 	 	
pyrite.	 	 	┪──	 	<u> </u>	
byrite.	 	 	+	 		
90.5-91.8	1	 	 	 		
Garnetiferous section, 20% pink garnet			1	1		
	1		1			
91,8-92.2						
Brecciated section, altered reddish						
with!" fragments in chlorite maitrex						
sulphides absent.	1					
	 	 	_	 		
124.3-124.7	 	ļ	-	 		
Rusty seam	 	 		 		
•	1	I	1	1 .	ł	

GENERAL GEOLOGY ASSAY OZ. VALUE FI	BAI	APLE	FOOTAGE	ECONOMIC GEOLOGY		
	O%.	VALUE	PREY	NUMBER	FOOTAGE	
quartz stringer with py						
and a little stibnite.						
165.5 2" quartz stringer with some						
stibnite.						
170.3-174.6	Nil		1.7	35504	170.3-172.0	Altered chlorite gneiss with 50%
Vein material, highly altered and						vein quartz and some white calcite in
contorted chlorite gneiss with 50% vein	1		1			irregular stringers and veins. Py, po.
quartz. Mineralized with py, po, some	1		1			stibnite and a little chalco.
chalco and stibnite relatively common		 	1			
throughout.	Nil	1	1.5	35505	172.0-173.5	Altered chlorite gneiss, 60% vein qtz.
	1		1	-	1	with some white calcite, mineralized_
	- 	 	1	1	<u> </u>	with po, py, stibnite throughout, and
			1	 	 	some chalco.
		 	1	 		
	Nil		1.1	35506	173.5-174.6	Chlorite gneiss, 20% vein quartz, a
	 "	 		1-222-		few local sulphides, py, po and some
			1		f	stionite.
	+	 	1	†	1	
174.6-182.2	Nil	1	2.8	35507	174.6-177.4	Sericite-chlorite-garnet schist, 10%
Talc-sericite-chlorite-garnet schist	 	 		1	1	vein quartz in irregular stringers.
Completely altered, highly contorted	- 	 	-	1		Some py and a little chalco.
schist.		 	 	 		
SCHISCO	Nil	1	2.8	35508	177.4-180.2	Sericite-chlorite-garnet schist, Minor
	1,,,,,		+	1 3//		vein quartz. A little po, py, and
		 	1	 		some chalco throughout.
		 	1	 	 	
182.2-184.0		1	1	1		
Chlorite-garnet gneiss, 20% pink garnet	 	 	1	 		
up to b, a few quartz stringers.		 	1	 		
White and areas and areas are areas			 	1	 	
184.0-198.0		 	 	 	† · · · · · · · · · · · · · · · · · · ·	
Talc-sericite-chlorite schist, brownish		 	 	 	 	
due to biotite. Local garnets.		 	 	 	† · · · · · · · · · · · · · · · · · · ·	
que to protite. Local garnoss.		 		 -	 	
196.5 2" quartz chlorite zone with	Nil	 	0.5	35509	196.3-195.8	Sericite-chlorite schist includes a
heavy po, py, and a little		 	1	1	1	2" quartz chlorite zone with good po
chalco.		1	 	 	 	some py and a little chalco.
CHAICO.		1		_1		Print Py

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GENERAL GEOLOGY	EOLOGY ASSAY AMPLE	MPLE	FOOTAGE	ECONOMIC GEOLOGY		
GENERAL GEOLOGY	oz,	VALUE	PEET	NUMBER	POOTAGE	Economic Geologi
198.0-203.0	ļ			1		
198.0-203.0 Gravel and boulders, including granite.	_		 			
203.0	 		-			
203.0 End of hole ran out of rock.	 		 			
End of hore lan out of feets	 		 -	<u> </u>		
	-		1			
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		D.D.H. No. W-2 LOCATION 100 feet SE of W-1
•	PROPERTY Watt-McLean Street Twp.	SECTION
ATITUDE	STARTED April 8, 1983	BEARINGN35°W DEPTH 490.0
EPARTURE	COMPLETED April 12, 1983	DIP -45°
LEVATION	V.D H.D	

GENERAL GEOLOGY	^	SSAY	SA	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGI	OZ.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY
0.0-17.0						
Casing						
17.0-100.6	Nil		0.5	35510	34.5-35.0	Highly chloritized section, includes
Chlorite gneiss, dark green, possibly 30%						a 2" quartz stringer with some py and
chlorite. Gneissosity at 75 to the core.						stibnite. Blebs of py in stringer wa-
A little dissem py (1%) with local chalco						lls in chlorite.
Occasional narrow quartz stringers						
	Nil		1.7	35511	43.0-44.7	Chlorite gneiss, 50% white vein qtz
						with a little chalco in qtz, blebs
						of pyrite in the chlorite.
44.7-47.5						
Dissem chalco with pyrite in this						
section.						
		[
52.8 le qtm stringer with py and						
stibnite.						
57.6-60.0		T				
Blebs of pyrite up to be in chlorite						
gneiss. 5% py.						
	1					
75.5- 2" quartz stringer with stibnite	1					
87.0-92.4	Nil		1.8	35512-1	-90.7-92.5	Carnetiferous chlorite gneiss, some
Coarse garnets to 1, 15% garnet						narrow quartz stringers. 10% sulphid
						mostly pyrite with some chalco. Some
						sulphide also in qtz stringers.
99.5 l" quartz stringer with stibnite						
	1					

Markstay Diamond Drillers

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GENERAL GEOLOGY	^	SSAY	BAMPLE			ECONOMIC GEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
99.6-100.6						
Meta-quartzite, grey, mainly quartz						
with some biotit:						
					<u>.</u>	
100.6-120.2						
Garnetiferous chlorite gneiss, 20% pink						
garnet up to 2", some blebs of talc.			<u> </u>			
112.5 2" quartz stringer with well			1			
developed stibnite xtals.	 		ļ	 		
117.0-120.2	 		 	 		
10% quartz stringers, minor sulphides.						
100 0 110 6		 	<u> </u>	ļ		
120.2-130.9	 	 	-			
Meta-quartzite, light grey well banded	 	 	 			
at 70° to the core, some garnetiferous	 	 	 	<u> </u>		
sections. Not chloritic.	 		 	 		
121.8-123.2	 	 	 	 		
90% grey quartz, possibly vein qtz.	1					
looks more like re-xtalized qtzite.	1	<u> </u>		1		
Sulphides sparse.		1	1			
			1			
130.1-130.4						
seam of fine chalcopyrite.						
130.9-273.3	Nil	<u> </u>	2.3	35513	151.5-153.6	Highly chloritized section, 60%
Chlorite gneich, dark green, similar to	1111	 	1 2.0	1 3//23	2)20)-2)309	chlorite with quartz carbonate and re
the top of the hole, occasional garnets	 	 	 	 		feldspar stringers. Fair fine sulph-
Locally fine dissem chalco and py. Local	 	 	 	 		ides, mainly pyrite.
quartz stringers which are usually	 	 	 	 		Tues, many pyriot
mineralized with py and chalcopyrite.	Nil	 	1.0	35514	155.7-156.7	Highly chloritized section with 50%
mineralized with py and ondropy in the	1.1.2.	 	1	1 333.4		quartz-carbonate and red feldspar
	 	1	1			stringers with fine pyrite.
159.4 2" quartz stringer -1111 good		!	1	†		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
pyrite in highly chloritic			T	1		
walls. Some py in the quartz.		1	1	1		
181.2-187.5						

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GENERAL GEOLOGY	GENERAL GEOLOGY ASSAY SAMPLE	MPLE	FOOTAGE	ECONOMIC GEOLOGY		
GENERAL GEOLOGI	OZ.	VALUE	PERT	NUMBER	POOTAGE	Economic dedector
Garnetiferous chlorite gneiss 10%						
garnets in chloritic maitrex.						
187.4-187.8						
Quartz stringers with caorse chalco						
in blebs up to 1						
				ļ		
224.7-231.8	Nil		2.3	35515	224.7-227.0	Chlorite eneiss, 10% quartz stringers
20% irregular quartz stringers. Some				<u> </u>		mostly at 80° to the core, irregular.
sulphides.				<u> </u>		Fine chalco and ovrite associated with
			<u> </u>	1		the stringers. Coarse stibnite at 224.
			<u> </u>	ļ		6 feet.
			ļ	ļ		
	Nil		3.4	35516	228.4-231.8	Chlorite gneiss. 20% quartz-carbonate
			<u> </u>	ļ		stringers. A little by and chalco and
			!	<u> </u>		also stibnite in quartz and also in
			<u> </u>	ļ		the chloritic walls of the stringers.
	Nil		1.0	35517	264.3-265.3	
			<u> </u>	1		Chlorite gneiss, 10% irregular 2tz.
			<u> </u>	<u> </u>	<u> </u>	stringers which are well mineralized
	II		<u> </u>	<u> </u>		with po, py, and chalco.
268.2 'y' quartz stringer with stibnit	<u> </u>			ļ		
						
271.0-272.1				ļ	ļ	
30% vein quartz in irregular blebs	ļ		ļ			
some po and py and a few stibnite	ļļ		<u> </u>			
xtals.			↓	ļ	<u> </u>	
			ļ	 	ļ	
273.3-271.6		ļ	ļ			
Talc-sericite-chlorite-garnet schist			ļ	 		
a little disseminated pyrrhotite.	ļ		 			
277.6–281.5	-		-	 		<u> </u>
Chlorite-garnet gneiss, 20% garnet up to			 	1	 	
1. xtals.			1	1	 	
LIGIDA			1			
281,5-300,8						
Talc-chlorite-sericite-garnet schist						
brownish in colour due to biotite. Some						
sections of relatively unaltered meta-qua	tzite			1		

GENERAL GEOLOGY	ASSAY		5A	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGI	07.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
300.8-317-7	Nil		1.0	35518	307.0-308.0	Talc-chlorite-garnet schist with 20%
Grading to talc-chlorite-sericite-garnet						yellowish brown garnet. (spectro)
schist. Completely altered. Pink garnets,	also			1		
yellowish brown variety			<u> </u>	1		
				1		
312.0-315.0						
Highly sheared section, completely	<u> </u>		ļ			
altered, talc and some graphite	-		 	-		
317 • 7 - 339 • 5						
Mississagi quartzite, light reddish						
brown, mostly altered with talc and	<u> </u>					
some chlorite replacement, other sections						
are relatively fresh in appearance. Local						
seams of pyrite.	ļ		 	1		
336.0-338.0	├		 	 		
50% grey vein quartz in altered	 		+	+		
talcose quartzite. Sulphides rare.	1	 	 	+		
taicose quartzite. Suimites fare.	 		 	1		
339.5-361.8						
Grading to talc schist with quartzite	<u> </u>					
remnents. Some blebs of vein quartz		1				
mostly barren, narrow seams of pyrite.	├	 	 			
345.2 Fr fault gouge.						
	 	ļ		 		
361.8-365.8	 	 		- 	 	
Quartzite, reddish brown, less altered	 	 			 	
than the previous but still contains		 	 			
blebs of talc replacement.	 	 	+			
363.0-365.8	1		1	1		
25% grey vein quartz in irregular						
stringers and plebs. Sulphides absent.						
365.8-372.0	 	ļ	1	ļ		
Talc schist with some quartzite remnents	<u> </u>					
	 		 		ļ	
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• CENTER I CEOLOGY	A	SSAY	SAMPLE		5007465	ECONOMIC CENTOCA	
GENERAL GEOLOGY	oz.	YALUE	PERT	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
372.0-385.0							
Talc schist, completely altered, some							
grey quartz. Local seams of pyrite.							
385.0-392.0		<u> </u>					
Quartzite, well altered with blebs of		<u> </u>	<u> </u>				
talc replacement. Local grey vein quartz.		<u> </u>					
	!		<u> </u>				
392.0-426.0	Nil	<u> </u>	1.2	35519	402.2-403.4	50% white vein quartz in reddish	
Quartzite, reddish brown relatively			<u> </u>			quartzite. Some dissem by in the Qtz.	
unaltered although still contains local	<u> </u>	1	<u> </u>			also some narrow pyrite seams.	
sections of talc replacement. Not gneiss	c.	ļ		<u> </u>			
426.0-429.0	-		 	-			
Talc-chlorite schist.	 	 	 	 			
Talc-enforte senist.	 	 	 				
429.0-430.7	t						
Quartzite, reddish, altered with chlorite							
seams.							
430-7-476.0	Nil		2.3	35520	430.7-433.0	Shear zone, altered quartzite not	
Shear zone, altered and chloritized						chloritic, quartz and carbonate in nar	
quartzitewith blebs, lenses and veins of	<u> </u>	1	1		<u> </u>	row stringers 20%. Minor fine py and	
quartz. Shearing at 80° to the core.	<u> </u>	ļ	_		<u> </u>	chalco in some shear planes.	
422.2.426.5	Nil	 	1 3 5	35521	432 0 436 5	Quanta voia nilkov vhita labida-	
433.0-436.5	N11	-	1 3.5	33321	433-0-430-5	Quartz vein, milkey white, sulphides absent. Rare quartzite inclusion.	
Quartz vein, milkey white, sulphides	 	 	┼	ļ		absent. Rare quartilite inclusion.	
absent.	.002	 	2.0	35522	436,5-438,5	Shear zone, 20% vein quartz in lenses	
	1.002	<u> </u>	1	1 3//22	4301) 4301)	and ribbons. 30% chlorite. Includes	
	 	 	+	 		5" of chlorite breccia. Sulphides	
	 		1		 	rare.	
	 	<u> </u>	1	 	†		
	Nil		1.0	35523	438.5-439.5	Quartzite, grey to reddish brown,	
						relatively fresh and unaltered.	
	1						
	Nil	ļ	2.0	35524	439.5-441.5	Chlorite shear, 20% vein quartz in	
	-	ļ	 			stringers, lenses and ribbons with	
	 	ļ	 	<u> </u>		some white carbonate. Sulphides very	
•			1			rare.	

•	ASSAY		SAI	MPLE	F00746F	ECONOMIC CEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
	Nil		2.0	35525	441.5-443.5	Chloritic shear and sections of	
						relatively unaltered quartzite. 10%	
		I				vein quartz.	
	Nil		2.5	35526	443.5-446.0	Chloritic shear, first 6" biotitic	
						with 5% pyrite and po in seams and	
			<u> </u>	1		dissem. Central part chloritic with	
			<u> </u>			qtz carbonate. Last 6" unaltered	
		<u> </u>	<u> </u>			quartzite.	
		<u> </u>	<u> </u>	<u> </u>			
	Nil		2.0	35527	446.0-448.0	Mostly vein material, 80% quartz with	
		<u> </u>				a few quartzite inclusions. Blebs of	
		<u> </u>	<u> </u>	1		chlorite throughout with associated	
		1	<u> </u>	1		po and py in fine seams and grains.	
		1	<u> </u>	1		Speck of ZnS in quartz at 446.8. Qtz	
		<u> </u>	<u> </u>			is grey greasy in appearance.	
		!	<u> </u>	<u> </u>	ļ		
	Nil	1	2.0	35528	448.0-450.0	Quartzite, 20% grey vein quartz in	
			<u> </u>	<u> </u>		stringers mostly at 80° to the core.	
			$oldsymbol{\perp}$ —	<u> </u>		Locally a little fine sulphide in	
				<u> </u>	ļ	the quartz.	
				75500	150 0 153 5	2 4 4 4 4 104	
	Nil		1.5	35529	450-0-451.5	Quartzite, 10% vein quartz, some	
		 		 		spots of chlorite replacement, and	
		 	 	 		some fine sulphides in the quartz.	
	Nil	 	2.0	35530	451.5-453.5	Quartz vein; some narrow seams of	
451-5-456-9	NII	-	1 2.0	33330	4)1.0-4)3.0	pyrite and the odd grain of sulphide	
Quartz vein, milkey white to grey.		 	+	 	 	Last 4" contains chlorite with some	
local chlorite with some pyrite on	 -	 		 	 	po. Quartz is mostly grey.	
slips and narrow seams.			 	 		po. Quarto to moorly 6. cy.	
	Nil	 	2.0	35531	453-5-455-5	Quartz vein, milkey white to grey. A	
		1	1	1 3773-	1	few quartzite inclusions and chlorite	
			1	 	 		
		 	1	 	 	patches in the last 8". Py with the	
			1	 		chlorite and lacally in narrow seams	
		 	1	 		in the quartz.	
	Nil	†	1.4	35532	455.5-456.9	Quartz vein, a few narrow chlorite	
			1	1		seams with py plating, otherwise	
		 	1			barren.	
		1	<u></u>		<u></u>		

•	A:	SSAY	SAMPLE			
GENERAL GEOLOGY	OZ.	YALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
	Nil		1.9	35533	456.9-458.8	Quartzite, somewhat sheared with seams
						of chlorite, also seams of fine py.
						5% wein quartz in stringers at 80° to
						the core.
		-				
	.005		0.9	35534	458.8-459.7	Altered quartzite, 50% vein quartz
check	005	Ĺ				includes 4" of quartz with patches of
						chlorite which are well mineralized
		L				with blebs of pyrite. Pyrite is also
			<u> </u>			disseminated in the quartz.
			 			
	Nil		2.0	35535	459.7-461.7	Quartzite, chloritized, includes a
	 					well mineralized quartz stringer paral
	 	 	╀			ell to the core with seams and blebs.
		 	 	 		of pyrite. Also several well miner-
	 					alized stringers at 80° to the core.
	 		+	1 2552	1(2 7 1(2 1	Oliverities and section (CM obligation with
	Nil	 	1.7	35536	401.1-403.4	Chloritized section, 60% chlorite with
	1	 	 	+		10% quartz stringers. Fine popresent in the chlorite.
	+		 	+		present in the chiorite.
462 A 470-5	Nil		4.0	35537	463.4-467.4	Chloritized, sheared greywacke, dark
chloritized greywacke, and quartzite.	1-1		1	1	1121	grey, 20% chlorite in seams and as
local disseminated pyrite.	1		1			a replacement. 5% pyrite, no vein qtz.
470.5-476.0	Nil		3.4	35538	472.6-476.0	Chloritic shear, contorted with some
Chloritic shear zone, shearing is	T					disseminated pyrite. A few quartz
somewhat contorted.				I		lenses with minor pyrite.
476.0-496.0	Nil		0.5	35539	485.5-486.0	Sheared section, some lenses of
Argillite? well altered but only						vein quartz, grain of aspy.
slightly sheared.						
486.0-490.0						
Boulders and gravel, ran out of rock						
490.0	1		+	+		
End of hole.	1	 	1	1		
DIG OF HOROT	1	 	1	 		
	ــــــــــــــــــــــــــــــــــــــ		ــــــــــــــــــــــــــــــــــــــ		<u> </u>	

•		D.D.H. No. W-1 LOCATION 1,000 feet NE of W-1
PROPER	TY Watt - McLean Street Twp. STARTED April 24, 1983	SECTION
EPARTURE	COMPLETED April 27, 1983	DIP -60°
LEVATION	V.DH.D	

	ASSAY		MPLE	FOOTAGE	55010110 5501 567
OZ.	YALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
	ļ				
	 	 			
		ļ			
	 	 	 		
_1	1				
Nil		0.6	35540	81.4-82.0	Chlorite gneiss with 40% irregular
		1			vein quartz with chlorite. 1/8" seam
					of pyrite plus blebs of py. Brown
					carbonate present.
Nil	 	3.7	35541	86.5-90.2	Banded quartz vein material, 50%
	1	1			vein quartz with chlorite grains
	1				included. Well banded at 60° to
	1	1			the core. Qtz bands are minaralized
1	1				with dissem chalco, po and some py.
	Ag				
.002	.04	0.4	35542	102.6-103.0	Banded quartz-carbonate vein, 1%
.002					chalco, dissem and in small blebs.
-	-	+	 		
	Nil	Nil Nil Ag .002 .04	Nil 0.6 Nil 3.7 Ag 0.4	Nil 0.6 35540 Nil 3.7 35541 Ag 0.4 35542	Nil 0.6 35540 81.4-82.0 Nil 3.7 35541 86.5-90.2 Ag .002 .04 0.4 35542 102.6-103.0

Markstay Drillers

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CENERAL CEOLOGY	^	SSAY	SAI	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	FOOTAGE	
104.4 5" banded quartz-carbonate vein						
104.4 5" banded quartz-carbonate vein 60° to the core Py. chalco.						
to the core v	L					
107.7-109.4	Nil		1.7	35543	107.7-109.4	Banded quartz-carbonate vein with
Quartz-carbonate vein at 60° to the cor	<u> </u>	·				dissem. chalco and some po and py.
with dissem chalcopyrite.		Ag				
	Nil	trace	. 2.6	35544	211.0-213.6	Altered chlorite gneiss, 40% vein
	<u> </u>			l		quartz in stringers and bands. Well
·	<u> </u>		<u></u>			mineralized with py, chalco, po and
	<u> </u>		<u> </u>			also some red ZnS noted in quartz.
		<u> </u>	<u> </u>			
	Nil	<u> </u>	1.5	35545	217.3-218.8	Chlorite gneiss, well altered 50%
	1	ļ	<u> </u>			vein quartz. All well mineralized
		<u> </u>	<u> </u>	ļ		with 7% sulphides, Chalco and Po
	<u> </u>	<u> </u>	<u> </u>	<u> </u>		in quartz and in chloritized gneiss.
	<u> </u>		<u> </u>			
247.3-291.0	<u> </u>	1	<u> </u>			
Talc-chlorite schist, locally contorted.	1	<u> </u>	<u> </u>	L		
Occasional quartz stringers. Speck of	<u> </u>	<u> </u>	ـــ -	 	<u></u>	
Red ZnS at 247.3. Some garnetiferous	 		├			
sections.	-	 	 	<u> </u>		
	 	 	 	<u> </u>		
264.6-268.5	∔	 	 	 		
Carnetiferous chlorite gneiss.	 	1	 	 	<u></u>	
	 	ļ	ļ	 		
291.0-299.5		·	 	 		
Quartzite, grey, altered with local	-		 	 	<u> </u>	
white quartz stringers.	-	ļ	 	 		
	 	+	 	 	ļ	
299.5-342.0	 	 	 	 		
Talc-chlorite schist, contorted, occasion	41	 				
quartz stringers	 	 	 			
	 	 	 	 		
300.8-302.5	 		 	 		
60% white barren quartz stringers	┼	 	 		ļ	
	 	 	┼	-		
342.0-441.5	+		 	 	 	
Talc-chlorite-garnet schist, red and	 	 		 		
brown garnets up to a guartz stringers	-	 	 			
absent.	1		1	1	ł	

OFFICE AND COLOCK	A:			MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
441.5-492.0	Nil		3.0	35546	441.5-444.5	Quartzite with 50% grey quartz	
Mississagi quartzite, grey to reddish						stringers which are mineralized	
brown with altered talcose sections.						with grains and seams of pyrite.	
Local lenses of grey quartz					•		
	Nil		1.8	35547	454.6-456.4	Altered cherty quartzite with 25%	
447.0-449.5						grey quartz lenses. Rare sulphides	
Several quartz stringers in somewhat			<u> </u>			in the quartz.	
sheared and altered quartzite.							
	Nil		2.5	35548	478.4-480.9	Altered cherty quartzite, some talc	
				l		25% grey quartz in lenses. Rare po in	
				l		quartz, some py seams in quartzite	
			<u> </u>	<u> </u>		and fine dissem po throughout.	
492.0-554.8	Nil		1.7	35549	530.5-532.2	Talc-chlorite schist, some grey quartz	
Grading to talc-chlorite schist with			1	1	<u> </u>	lenses which are mineralized with py,	
quartzite remnents present. Local lenses			<u>i</u>		<u> </u>	also py in schist and in narrow qtz-	
of grey vein quartz, sulohides absent.			1	<u> </u>	<u> </u>	carbonate stringers.	
		<u> </u>		1			
554.8-577.0				1			
Quartzite, mush less altered than previous			<u> </u>	1			
someminor talc replacement. Light to	<u> </u>	<u> </u>		<u> </u>			
pinkish grey. Local quartz stringers and		<u> </u>	<u> </u>	<u> </u>			
lenses with rare sulphides.				1	<u> </u>		
	<u> </u>		<u> </u>	1			
577.0-589.0	<u> </u>		1	<u> </u>	<u> </u>		
Quartzite, altered with talc-chlorite					ļ		
replacement.			1	<u> </u>			
		L	1				
589.0-667.6		L	1				
Grading to relatively unaltered quartzite	<u> </u>		<u> </u>	<u> </u>			
Light brownish grey. Local talc replace-		<u> </u>		1			
ment.			1		<u></u>		
	<u> </u>			1	L		
667.6-678.2			ļ				
Quartzite, becoming highly altered,				 			
chloritized and crushed in appearance	I	<u> </u>	1	L			
with some sheared sections.			1		<u> </u>		
			1		1		
568-0-569-0							
Fault zone, crushed, brecciated.	1	1	1	1	1		

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CENTENT CEOLOGY	A	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	02.	VALUE	PEET	NUMBÉR	FOOTAGE	ECONOMIC GEOLOGY
678.2-685.8						
Completely altered section, chlorite,						>
talc. white carbonate and grey quartz.						
Sulphides absent.						
	ļ			ļ		
665,8-688,0				<u> </u>		
Altered brownish quartzite.	 		 			
688.0-692.4	 			 		
Chloritic shear, sulphides absent.				-		
Chioritic shear, sulphides absent.			 	 		
692.4-696.2						
Altered quartzite, light brownish.						
somewhat sheared at 85° to the core.				ļ		
	 		↓	 		
696.2-698.9	[-	 -		
Chlorite shear with a few grains pf py.	 	 		 		
698,9-710,5	 	 	 	+		
Quartzite, light pinkish brown, relativel	-		 	 	· · · · · · · · · · · · · · · · · · ·	
unaltered.		1	1	1		
MIST CANA						
710.5-739.7						
Chlorite schist, shearing at 70 to the						
core. Rare sulphides.	ļ					
730 7 773 0	-	<u> </u>	 	 		
739.7-773.0 Diorite, medium fine grained dark grey	 	 				
fresh and uniform in appearance, some	 	 	+	 		
magnetite, looks like Keweewanawan type	+	 		-	<u> </u>	
diabase. Contact is chilled for 6".	 		╁		<u> </u>	
Appears normal to the core. A few	 	 	+	+		
inclusions of chlorite schist.	 	 	 	 		
inclusions of entorite senist.	 		 	 	 	
762.0-769.4			1	1		
Chlorite schist inclusion.						
	<u> </u>		1			
773.0-	-					
End of hole.	 	ļ		-		
•	ŀ	1	1	1	ł	

PROPERTY Watt - McLean Street Township STARTED April 28, 1983 DEPARTURE COMPLETED May 4, 1983 ELEVATION 100° SW and 25° SE of W-2 SECTION SECTION DEPTH 595.0 DEPARTURE DIP -68

	A	SSAY	SAMPLE			
GENERAL GEOLOGY	oz.	VALUE	PERT	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-9.0						
Casing						
9.0-170.0						
Chlorite gneiss, dark green, gneissosity						
60° to 70° to the core. Occasional		<u> </u>				
narrow quartz stringers, locally garnetif-		<u></u>				
erous. The odd grain of chalco and pyrite						
58.8 3" silicified section with						
dissem. chalco and some narrow						
seams of chalco.						
96.8-97.2		<u> </u>				
Quartz vein, white, chlorite alteration						
in the walls. Minor pyrite.						
114.4–119.6			 			
Garnetiferous chlorite gneiss, red	·					
garnets up to " are altered by chlorite		 				
which fills fractures in the garnets.						
119.6–126.2		 				
Meta-quartzite, light grey highly		 				
siliceous, occasional small garnets.				 		
Well banded at 70° to the core.						
124.8-125.3				-		
White quartz veir barren						
		1				

Markstay drillers

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D.D.H. No. H-4

GENERAL GEOLOGY	ASSAY		BAMPLE		FOOTAGE	ECONOMIC GEOLOGY
	OZ.	VALUE	PERT	RDEMUN	FOUTAGE	ECONOMIC GEOLOGI
126.2-128.4						
Carnetiferous chlorite gneiss.						
128.4 chlorite gneiss, occasional						
garnets.			<u> </u>			
132.4 3" quartz stringer 30 to the		Ni	<u> </u>			
core. Py, Po and some chalco.	Nil	.01	1.6	35550	138.6-140.2	Altered section, light grey contains
						10% sulphides, mostly po in seams and
147.5–148.3					<u> </u>	blebs, some py and a little chalco.
Quartz vein 30° to the core. some			<u> </u>			Possibly a dyke but no contacts visibl
chalco in wall at 147.5			<u> </u>		<u> </u>	
161.0 l" quartz stringer with py po			 	ļ		
and chalco in qtz and in walls.			 	 	 	
and charco in que and in waits.			 	 		
166.0-170.0			1	1		
Carnetiferous chlorite gneiss grading		<u> </u>			1	
to schist.						
170.0-193.9						
Talc-sericite schist, dark brownish grey						
contains short sections of relatively						
unaltered grey quartzite.				ļ		
1(2,0,2)6,6	Nil		1.1	35551	206 6 207 7	Quartz-chlorite section, some pink
193.9-315.5 Chlorite gneiss, fine grained dark green	INTI	ļ	1	32227	200.0-201.1	calcite, well mineralized with po
with local quartz stringers. Fine dissem	 		╂	 		Py and chalco. 7% sulphides 25%
py, chalco and po in some sections.	 		 	 	 	chlorite.
py, charco and po in some sections.	 	 	+	 	 	
197.0-197.9	.002	 	4.2	35552	247/5-251-7	Altered chloritized section, sheared
50% quartz stringers with some py and	 	-	 	1 3,,,,-	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	with 10% vein quartz and carbonate.
po and chalco, and a grain of stibnite.	1		1	1		Sections are well mineralized with py
0	1		1	1		chalco, po and local stibulte.
				<u> </u>		
297.0 8" quartz stringer with chalco			1	1		
and pyrrhotite.		ļ	 	<u> </u>		
315.5-324.9			┼──	 		
Quartzite, altered with talk developed.	1		 	 	†	

GENERAL GEOLOGY		SSAY		APLE	FOOTAGE	ECONOMIC GEOLOGY
02.12.17.2 000.00	02.	VALUE	PEET	HUMBER		
342.9-337.7						
Talc-chlorite schist, some red garnet.						
326-2-326-5						
Fault zone core recovered, some qtz.						
fragments in gouge.						
337-7-357-0						
Quartzite, dark to light brown, altered						
with some talc and sericite developed.						
Some sections relatively fresh.						
			1			
357.0-369.0			1			
Talc-sericite schist.			1			
		[
369.0-429.5						
Quartzite, light grey to pinkish grey						
to reddish brown, relatively unaltered.						
00 10001011 0100111						
429.5-435.5			1	1		
Quartzite, becoming highly altered,			T	1		
sheared and contorted, tale and chlorite	 			1		
developed.		1	1			
uevezopeu.			1			
435.5-440.6			1			
Becoming well chloritized altered			1			
quartzite. 40% chloritic. sulphides rare.			1			
QUALITATION OF THE PROPERTY OF		!	1			
440.6-446.0	Nil		1.6	35553	440.6-442.2	Talc-chlorite zone, a little vein
Talc-chlorite zone, weakly sheared at 65°	1	1		1		quartz and 10% pyrite in blebs
to the core.		 	1	 		throughout.
to me ovice	 	 	1			
446.0-461.5	1	 	 	1		
Quarrzite, well chloritized, similar in			1	†		
appearance to the chlorite gneiss with	1	 	1	1		
banding at 45° to 60° to the core.	1	 	1	 		
panding at 45 to ov to sie core.	Nil	 	4.6	35554	462-2-466.B	Quartz vein with a few chlorite
462 E 477 O	1	 	+===	1-2//4	40212 40010	inclusions, some fine py with the
0uartzite: dark grey to pinkish, less	 	 	`	 		inclusions, minor py in quartz.
Quartzite dark Frey to Dinkish, less	 	 	 	 	<u> </u>	inoracions, minor pj in quarte.
altered than previous, some garnet.	1	1	1	1	l	

GENERAL GEOLOGY	ASSAY		BAMPLE		FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGI	02.	VALUE	PERT	NUMBER	FOOTAGE	Economic ocoros.
470,6-471.2						
Quartz-chlorite section, sulphides						
absent.						
	.002		3.3	35555	473.7-477.0	Altered section, 50% chloritized with
						a littlevein quartz, some py and po.
						local grains of magnetite.
			<u> </u>			
477.0-490.8	Nil		0.5	35556	486.8-487.3	Altered chloritized section with
Diorite dyke, dark grey medium fine				1		patches of vein quartz. Some py and co
grained, mostly fresh aand uniform but				1		in blebs and patches.
local chlorite alteration and some quartz				1		
stringers.	1		<u> </u>	1		
						
490.8-502.0	Nil		2.3	35557	490.8-493.1	Shear zone, light brown sericitic.
Shear zone, chloritic and sericitic.	<u> </u>			<u> </u>		sheared quartzite with 25% vein qtz.
	1		↓			in lenses. Afew grains of sulphide in
	↓			<u> </u>	<u> </u>	sheared material. Otz is grey and
	L	Age		1		greasy in appearance.
	Nil	trace	1.2	35558	493.1-444.3	
					<u> </u>	Shear zone, highly chloritic with 10%
			 _		ļ	grey quartz. Red ZnS in quartz at
					 	493.7 also some py in quartz.
	 			 	<u> </u>	
	Nil		2.7	35559	494.3-497.0	Chloritic shear zone, 10% vein quartz
	 	ļ	 			occasional bleb of py in chlorite.
	1		+	135560	407.0.500.0	200
	Nil_	 	3.0	35560	491.0-300.0	Chloritic shear zone, 10% vein quartz
	+	 	 -	 	 	rare grain of py and chalco in quartz.
			 	 	 	Minor py in chlorite.
	1	 	+	135563	500 0 502 0	Shear zone, 25% vein quartz, weakly
	Nil	 	2.0	35561	200.0-202.0	sheared altered quartite, minor py.
	+		-	 	 	sheared aftered quartzite, minor py.
502.0-507.0	+	 	1	+	 	
Quartzite, light grey, unsheared and	1		1	 		
relatively unaltered.	1		1	1		
507.0=547.4	Nil	 	3.0	35562	507.0-510.0	Shear zone, 5% vein quartz, fair % py
Shear zone, chloritic 25% to 50% grey	1		T	T	1	in shear in blebs and seams.
vein quartz.	T			1		

OFFICE AND ONLY	1	SSAY	BAI	MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY	
	Nil		1.0	35563	510.0-511.0	Shear zone, includes a band of aspy	
						grains at 500.1, also po and py in	
						this section. Some aspy is in the	
						vein quartz.	
	Nil		2.3	35564	511.0-512.3	Shear zone, 25% grey vein quartz	
			<u> </u>	<u> </u>		with only the odd grain of pyrite.	
				<u> </u>			
	Nil	<u> </u>	1.7	35565	512.3-514.0	Shear zone, 25% krey vein quartz, 3%	
			<u> </u>		<u> </u>	sulphides, po, some py and grains of	
			↓	<u> </u>		aspy in several places. Sulphides in	
			ļ		<u> </u>	the shear and in the quartz.	
		 	 	35566	534 0 530 5		
514.0-515.4	Nil		4.5	35566	514.0-518.5	Shear zone, weakly sheared, inluudes l	
White quartz vein, barren		 	├	-		.4 feet barren white quartz vein.	
		 		 	ļ	local sulphides, po, py in the rest.	
	Nil		2.1	35567	518 5-520 6	Shear zone, 50% grey quartz, grains	
	1444	 		133701	1 110. 1 120.0	and blebs of aspy in several places	
		 	 	 		also some py and chalco. Sulphides are	
			 	 		mostly in the quartz.	
		 	1	<u> </u>		mosvaj an viio quarvav	
	.002	 	4.8	35568	520.6-525.4	Shear zone, 25% vein quartz with	
check	.002		1	77700	12000 12703	several blebs and grains of py.	
VA VV.				1			
		-	6.0	25560	525 4 533 4	004	
	Nil	 	1 0.0	35569	767.4-751.4	Shear zone, 25% grey quartz, occasio-	
			 		 	nal xtal and bleb of pyrite.	
	Nil	 	6.1	35570	531.4-536.5	Shear zone, 25% grey quartz, occasiona	
			1	1220-	75	l blebs of pyrite.	
					<u> </u>		
	.002		1.5	35571	537-5-539-0	Shear zone, 25% grey quartz, Aspy	
						noted at 6 locations, also fine po	
			1	1		in quartz with the arsenopyrite.	
	Nil		2.2	35572	539.0-541.2	Shear zone, highly chloritic section	
						10% grey quartz, some py and po in	
						shear planes, also in quartz.	
•							
		1	ــــــــــــــــــــــــــــــــــــــ	1	<u> </u>	<u> </u>	

NO!!!!!!! COUTESCTOR

GENERAL GEOLOGY	ASSAY		SAMPLE			ECONOMIC CEOLOGY
	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
	Nil		0.5	35573	541.2-541.7	Shear zone, 50% grey quartz, grains of
						arsenopyrite in shear and in quartz
						Aspy also in fine needles in qtz.
						Some py and po also present.
	Nil		2.3	35574	541.7-544.0	Shear zone, sericitic, 10% grey qtz.
						some py and po, mostly in shear.
	Nil		3.4	35575	544.0-547.4	Shear zone, 10% vein quartz, occas-
						ional blebs of pyrite in the shear.
547.4-550.0	Nil		2.1	35576	554.0-556.1	Shear zone, 10% grey vein quartz and
Greywacke, weakly sheared with minor			 			some white carbonate. Rare sulphides.
vein quartz. White carbonate, a few						
local coarse blebs of pyrite.	Nil	····	0.9	35577	556.1-557.0	Shear zone, 50% grey vein quartz.
			<u> </u>	<u> </u>		Arsenopyrite in quartz and in shear
550.0-554.0						noted in 4 places, also py and po
Shear zone, 5% vein quartz and white			1			some in the quartz.
carbonate, occasional grains of py.						
	Nil		1.1	35578	557.0-558.1	Shear zone, 30% grey quartz, a few
						local blebs of pyrite.
	-				550 3 550 3	
	Nil		1.0	35579	558.1-559.1	Shear zone, 50% vein quartz, good
				 		arsenopyrite in seams and grains,
				 		also some short needles 6 places.
			 	36600	550 2 562 2	101
	Nil		2.2	35580	559-1-561-3	Shear zone, 40% grey vein quartz,
				 		occasional grains of pyrite in the
			 	 		shear.
			+-,	35502	5(1) 5(2 7	
	.002		1.4	35581	701.5-702.1	Shear zone, chloritic, 10% grey vein
	-					quartz in narrow lenses. Qtz is
			-		<u> </u>	mineralized with fine py and po in
			 	-		the last half of the sample.
	000		110-	25582	562 7 564 6	Shoot good obligation live and
	.002		1.9	35582	702-1-704-0	Shear zone, chloritic, 10% quartz in
			+	 		narrow lenses. Qtz is mineralized
				 		with arsenipyrite and pyrrhotite, also
		·	+	 		grains of aspy in chloritic shear.
•		-				

	ASSAY		BAMPLE			ECONOMIC CEOLOGY	
GENERAL GEOLOGY	OZ.	YALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
	.002		5.4	35583	564.6-570.0	Chloritic shear zone, 10% grey quartz	
check	.002					in narrow lenses. Sparsely mineraliz-	
						ed with clebs and grains of pyrite,	
			1			also line po in the quartz.	
570.0-577.5	Nil		5.0	35584	577.5-582.5	Chloritic shear zone, 10% grey vein	
Chloritic shear, minor vein quartz			1			quartz which is sparsely mineralized	
rare sulphides in the quartz (fine Po)						with fine po, also minor py in the	
and the odd grain of py in the shear.			1			shear.	
	1						
	.002	····	5.0	35585	590.0-595.0	Chloritic shear zone, 10% grey vein	
						quartz which is miner alized with	
			 			very fine po in some of the quartz.	
				1		The odd grain of pyrite.	
595.0	1		1	<u> </u>			
End of hole			1				
	1		1	 	<u> </u>		
Dip test at 595 feet 47°	 		1	 			
<u> </u>			 	 			
	 	 	 	 			
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		<u> </u>	1	1			

•		LOCATION 100 feet SWOT W-4
PRO	PERTY Watt- McLean Street Twp.	SECTION
ATITUDE	STARTED May 5, 1983	BEARING N35°W DEPTH 497-0
DEPARTURE	COMPLETED May 6, 1983	DIP60°
LEVATION	V.D H.D	

GENERAL GEOLOGY	ASSAY		SA	MPLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGI	OZ.	YALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGI
0.0-10.0						
Casing.						
					*	
10.0-270.5			<u> </u>			
Chlorite gneiss, dark green, occasional			<u> </u>	<u> </u>		
narrow quartz stringers. Geissosity mostly at 60° to the core. Local red			<u> </u>			
mostly at 60° to the core. Local red	 			1		
garnet.			 -			
64.1 rusty seam						
64.3-64.7						
White quartz vein, sulphides absent.			 			
77.2 rusty seam			<u> </u>			
82.2-82.9						
Highly chloritized section no sulphides.			-	-		
100.5-101.3	Nil		0.9	35586	100.5-101.4	Quartz vein, includes 2" on top
White quar5z vein 60° to the core.						contact with good stibnite.
116.0–125.8			+			
Meta-quartzite, some sections almost						
pure quartz with chlorite seams. Well						
bedded at 70° to the core, garnets						
developed.						
	Nil		0.9	35587	127.8-128.7	Chlorite gneiss, 10% sulphides i
127.8-128.7						blebs and bands, po chalco and p
Chlorite gneiss is well mineralized	·		1			Some vein quartz also mineralize

Markstay Diamond Drillers

Pal	•	All:	f
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DRILLING CONTRACTOR

ASSAY		SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY	
		1				
1						
		1				
		<u> </u>				
		1				
			1			
	ļ					
	Ag		L			
<u> Nil</u>	Nil	1.8	35588	268.7-270.5	Chlorite gneiss with irregular quartz	
			1		and quartz-carbonate stringers. 10%	
		<u> </u>	1		sulphides, mostly po, some chalco and	
		1			pyrite, also a little stibnite.	
 		 				
Nil	Nil	1.7	35589	270.5-272.2	Chlorite gneiss with irregular quartz	
	<u> </u>		ļ	ļ <u> </u>	and quartz-carbonate stringers. Coarse	
		↓			po and stibnite xtals in quartz. 10%	
			ļ		sulphides.	
			1			
Nil		1.8	35590	272.2-274.0	Chlorite gneiss, seams of brown	
		ļ		!	carbonate alteration which includes	
		 	 		py, po and local stibnite.	
		10.6	<u> </u>			
		1	35591	274.0-274.6	Quartz and quartz-carbonate stringers	
-005		 	1		in altered chlorite gneiss, good po	
		 		ļ	py and stibnite.	
		-	ļ			
į .	ł	1	1	;		
	Nil Nil	Nil Nil	OZ. VALUE PEET	Ag Nil Nil 1.8 35589 Nil Nil 1.8 35590	OZ. VALUE FEET MUMBER FOOTAGE	

GENERAL GEOLOGY	A:	SSAY	BAMPLE		FOOTAGE	ECONOMIC GEOLOGY
GLITERAL GLOLOGI	02.	YALUE	PERT	NUMBER	FOOTAGE	
274.6-290.0						
Grading to altered quartzite, reddish						
brown, some narrow sections of garnet-						
chlorite-talc schist.						
						
290.0-334.4			 -			
Grading to talc-chlorite-garnet schist.			 	ļ		
Contains garnets up to by, both red and			 			
brown garnet.			 	 		
334.4-398.0			 	 		
Quartzite, brownish, relatively unaltered			 			
local talc developed.			 			
iocai tait developeu.			 			
337.6-341.5						
White quartz stringers parallel to the						
core, rare sulphides. Quartzite is						
somewhat oxidized.						
	 			<u> </u>		
375.0-398.0		ļ	 			
Quartzite becoming reddish, oxidized		 	<u> </u>	 	ļ	
and vugey.	 	<u> </u>	ļ	 		
200 2 400 2	-	 	 	 		
398.0-400.0	 	 	 	 		
Siliceous greywacke, locally bedded.		 	 	 -	 	
398.7-399.5 drag folded section		 	1	 		
400.0-405.7		 	1	1		
Quartzite, becoming altered and chloritize	d.					
405.7-412.2	.002		4.2	35592	408.0-412.2	Chloritic shear zone, 50% white
Shear zone, chloritic with 50% white		<u> </u>			<u> </u>	barren quartz in lenses and stringer
barren quartz. Shearing at 60° to core.						up to 4".
	<u> </u>		-	 		
412.2-442.3	 	 	 	 		
Siliceous greywacke, mostly finely bedded		 	 	 	ļ	
at 80° to the core. A few garnets		ļ	 	 	 	
developed. Some chloritic, weakly sheared	 	 	 	ļ		
sections		 	 	 	ļ	
•	1	I	Į.	1	1	•

	ASSAY		SAI	APLE	FOOTAGE	ECONOMIC GEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	20011011110
442.3-448.4						
Diorite dyke, dark grey, relatively						
fresh and uniform in appearance.						
448.4-489.0	.002		2.4	35593	448.4-450.8	Shear zone, 25% white quartz lenses
Shear zone mostly chloritic with 10% to						sulphides rare, secicitic and also
25% grey vein quartz.						chloritic.
	.002		2.7	35620	450.8-453.5	Chloritic shear zone, 20% vein quartz
				1		2% sulphides, po, py in shear and in
				1		the quartz. Grain of Aspy noted in
				1		the quartz.
	Nil		2.2	35621	453.5-455.7	
						2% sulphides, by, po in quartz and in
						the shear.
	Nil	<u> </u>	13.3	35622	455.7-459.0	Chloritic shear zone narrow sericitic
						section included. 2% sulphides, 10%
			<u> </u>	1	<u></u>	vein quartz. po and py in shear and in
			1	<u> </u>		quartz.
						
	Nil		1.1	55623	459.0-460.1	Chloritic shear zone 5% vein quartz
						with fine po and py, also a few grains
		ļ		J	<u> </u>	of red ZnS.
		<u> </u>	┦			
460.1-462.4		<u> </u>			<u> </u>	
Quartzite, mainly unsheared.		1				
	.002	<u> </u>	217	55624	462.4-465.1	Sericitic shear zone, weakly sheared
		1			<u> </u>	20% vein quartz. Local grains of red
		1			<u> </u>	ZnS at 4 locations, Minor po and py.
		1			<u> </u>	
465.1-468.6		1	1		1	
Quartzite, altered and weakly sheared						
some quartz, sulphides rare.		1	1	1	1	
	Nil		1.2	55625	468.5-469.8	Chloritic shear zone, 20% quartz ani
			1	1		quartz-carbonate. Fine disseminated
					l	ZnS throughout, also a grain of aspy.
				1		Sulphides in quartz and in shear.
	ł		1	1		

	YARRA		SAMPLE			ECONOMIC CEOLOGY
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
	Nil		4.8	35626	469.8-474.6	Sericitic shear zone, 10% vein quartz
						sparse sulphides.
	\$02		2.0	35627	474.6-476.6	Chloritic shear zone, 30% vein quartz
						with grains of red ZnS and aspy in
						the quartz and in the sheared material
			ļ			
	Nil_		2.3	35628	476.6-478.9	Chloritic shear zone, 50% grey vein
			ļ			quartz in thriners and lenses. Local
			 			py in quartz, also a little aspy and
		ļ	 			a few grains of red ZnS.
		 	+-~-	35600	479 () 480 3	Chlamitic shoop gone 200 wein greats
	Nil	 	2.3	35629	410.4-400.2	Chloritic shear zone, 20% vein quartz in stringers and lenses. Local px in
		 	 	 		quartz, also po, 1% sulphides, some
			-	 		chalco noted in quartz.
		 	· }	 		Charco noted in quartz:
	Nil	 	4.0	35630	480 2-484.2	Chloritic shear zone, 25% vein quartz
			1 4·V	<u> 000</u>	400.2-404.2	with some of the quartz mineralized
		 	1	 		with fine po, py, and occasionally
			1	<u> </u>		chalcopyrite.
			 			
	Nil		2.8	35631	484.2-487.0	Chloritic shear zone, 15% grey vein
						quartz, sulphides rare with minor po
						in the quartz.
	Nil		2.0	55632	487.0-489.0	Chloritic shear zone, 7% vein quartz
				<u> </u>		minor sulphides.
489.0-497.0						
Bolders and gravel					<u> </u>	
		<u> </u>	 	<u> </u>		
497.0		 				
End of hole abandoned ran out of rock		ļ	 	 		
407 439		!		 		
Dip test at 497 = 43°		i		 	<u> </u>	
		 	+	 		
		 	 	 	 	
		 	+	 	 	
	1	}	ļ	1	1	

•		LOCATION 100 feet SE of H-5
. PRO	PERTY Watt-McLean Street Township.	SECTION
LATITUDE	STARTED_ May 9, 1983	BEARING \$350 W DEPTH 806.0
DEPARTURE	COMPLETED May 12, 1983	DIP -60°
ELEVATION	V.D H.D	

CENERAL CEOLOGY	A	SSAY	SAI	MPLE	FOOTAGE	ECONOMIC CEOLOGY
GENERAL GEOLOGY	07.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
0.0-11.0						
Casing						
11.0-14.8						
Sericite-garnet schist, brownish grey						
completely allered.				 		
14.8-53.5						
Meta-quartzite, dark grey with red				<u> </u>		
garnets. Cneossosity at 60° to the core.			 			
35.0-37.5	.002		2.5	35594	35.0-37.5	Sericite schist, brownish, completely
Sericite schist, brownish, Disseminated						altered. 10% sulphides, py and po in
po and seams of py throughout.						seams and grains.
40.8-42.0			 			
Garnet-secicite schist.						
53-5-376-2	<u> </u>					
Chlorite gneiss, dark green chloritic						
occasional sections of red garnet beds						
sulphides rare.						
96.0-102.0						
Frequent rusty seams, some sections are						
completely oxidized.						
200.3-226.0						
Meta-quartzite, beds of relatively pure						
cherty grey quartzite and chloritic beds	1	T	1		I	

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CENTRAL CENTOCK	ASSAY BAMPLE		MPLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	OZ.	VALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY
226.0-376.2						
Chlorite gneiss, dark green, chloritic						
with occasional quartz stringers. Dissem.						
py and po and chalco fairly common.						
237.8 3" altered section with irregular						
vein quartz with stibnite in quartz						
and in the altered material.				1		
		<u> </u>		L		
258.0-265.8						
Meta-quartzite, brownish, altered and			L			
garnetiferous.		<u> </u>				
			<u> </u>	ļ		
376.2-379.2						
Secicite schist with pink garnets.		1	ļ	ļ	LL	
			<u> </u>		ļ	
379.2-380.4				ļ		
Carnetiferous chlorite gneiss.						
		<u> </u>	 		l	
380.4-387.0	<u> </u>	ļ	ļ	 	l'	
Quartzite, well altered brownish with			 			
talc developed.		ļ	 		ļ	
	ļ	ļ	↓	 	ļļ.	
387.0-388.0	 		 	 	ļļ.	
Fault gouge 6" lost core.		ļ		 	I	
	 	 	 	 		
388.0-411.5	ļ	ļ	 	 		
Garnet-chlorite-secicite schist, brownish		 	 	 		
garnet throughout, also some red garnet.	 	 	 	<u> </u>	 	
	├	 	 	 		
392.0-393.0	 		 	 		
Quartz vein. white, barren.		 	 			
	 	-	+		 	
411.5-473.0				 		
Quartzite, light brown to light grey		 	+	-	 	
relatively inaltered, some pyrophillite	 			 	 	
or talc developed.	 	 	 	-	ļ	
	 	-	 	 		
473.0-510.6		 	-	+	 	
Quartzite becoming more altered, chloriti	rea.	i	1	1	1	

ASSAY SAMPLE			PLE	FOOTAGE	ECONOMIC GEOLOGY		
OZ.	YALUE	PEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGY		
Nil		5.9	35596	510.6-516.5	Shear zone, 60% vein quartz in lenses		
					and veins, chloritic and biotitic,		
					sulphides absent.		
Nil		6.0	35597	516.5-522.5	Shear sone with 70% vein quartz in		
					veins up tol.5 feet and in lenses.		
					Sulphides absent.		
Nil		0.9	35598	533-7-534-6	Chlorite breccia, 20% sulphides, mostl		
					y po with some py. Siliceous with		
					cnlorite seams.		
Nil		1.2	35599	534.6-535.8	Quartzite with seams of chlorite and a		
					little vein quartz, 3% sulphides		
					weakly brecciated.		
Nıl		1.9	35600	545.1-547.0	Shear zone, fine pyrite in shear and		
					in quartz (10% qtz.) also grains of		
					arsenopyrite in shear at 546.1 over		
					2"•		
Nil	1	1.6	35601	547.0-548.6			
					are well mineralized with py in seams		
		T			and blebs.		
.002		0.9	35602	548.6-549.5	Shear zone, chloritic with 10% vein		
		T			quartz in narrow lenses. Well		
					mineralized with grains of aspy in		
					seams in the shear and also in quartz.		
		1					
Nil		2.4	35603	549-5-551-9	Shear zone, chloritic and sericitic,		
	I				locally a few grains of aspy as well		
					as some pyrite.		
	1	1			A Company of the Comp		
	 				<u> </u>		
	Nil Nil Nil Nil Nil Nil Nil	Nil Nil Nil Nil Nil Nil Nil	Nil 5.9 Nil 0.9 Nil 1.2 Nil 1.9 Nil 1.6	Nil 1.9 35600 Nil 1.6 35601 Nil 1.6 35602 N.9 35602	Nil 1.9 35600 545.1-547.0 Nil 1.6 35601 547.0-548.6		

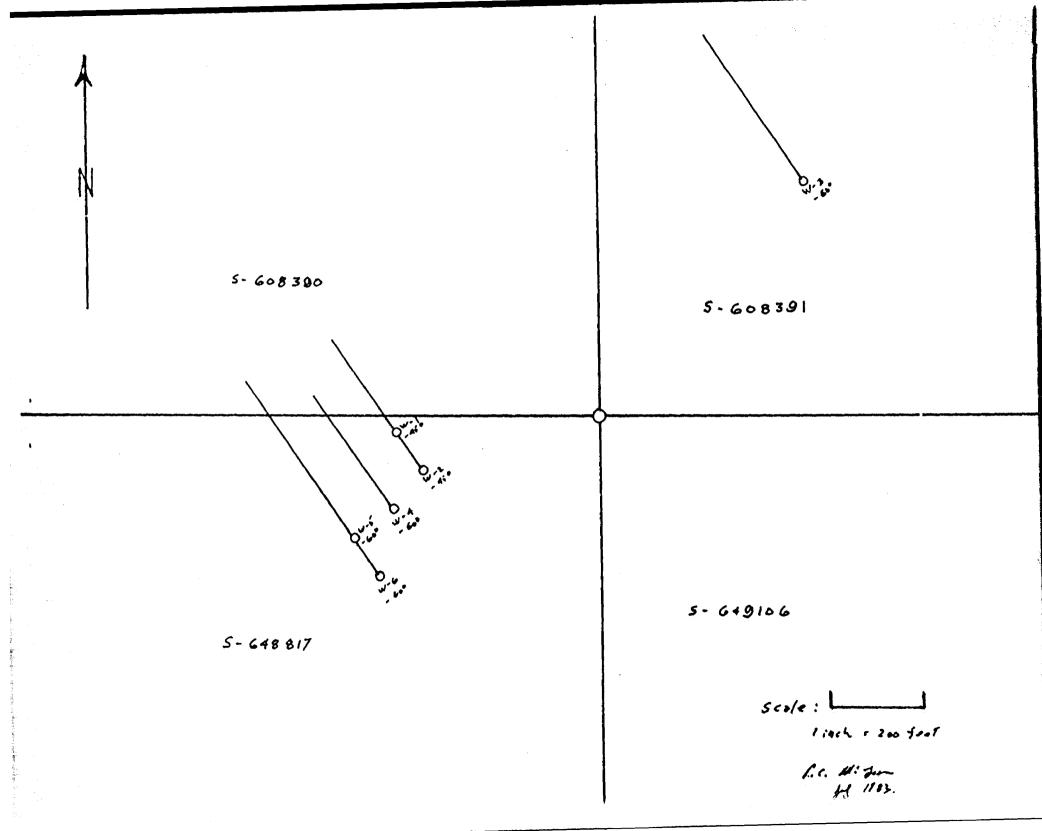
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GENERAL GEOLOGY	RAI GEOLOGY ASSAY		BAI	APLE	FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGY	oz.	VALUE	PEET	NUMBER	POOTAGE	Economic dedecat	
551.9-559.3							
Chloritic shear zone, 5% vein quartz							
minor pyrite in the shear.							
			ļ	 			
559-3-572-0	 		 	 			
Creywacke, dark grey very weakly sheared.	 		 	ļ			
Occasional quartz lenses with sparse py							
and po, and the odd grain of arsenopyrite			 				
572.0-592.0	-002		4.5	35604	572.0-576.5	Shear zone, chloritic with 30% vein	
Chloritic shear zone, 10% to 25% grey	1000		1-7-	77554	71=+= 71 0+ 7	quartz. Rare specks of py, aspy and a	
vein quartz with sparse py and po and			 	 		speck of ZnS.	
occasional grains of arsenopyrite.	 		 	 		Special Or Mage	
Occasional glaine of dischopylives	.002		2.0	35605	576.5-578.5	Shear zone, chloritic, fair sulphides	
check	.002		1			py, po and frequent grains of aspy in	
						this section. 25% grey quartz.	
	Nil	1	5.5	35606	578.5-584.0	Chloritic shear zone, 25% grey vein	
	ļ	ļ	<u> </u>	ļ		quartz, sparse py and po throughout.	
592.0-610.0	Nil		3.2	35607	584.0-487.2	Chloritic shear zone, includes a l ft.	
Chloritic shear zone 5% to 10% grey	1"		1	7,001	704.0 401.0	white barren quartz vein. Sparse	
quartz in small lenses. Sparse sulphides.			 	1		sulphides.	
	1			1	 		
593.0 A few grains of arsenopyrite.	Nil		5.0	35608	595.0-600.0	Chloritic shear zone 10% vein quartz	
						sulphides sparse.	
	l		1	35(00	(1) 2 (14 5	254	
610.0-620.0	Nil	 	1-3.5	35609	011.0-01/	Chloritic shear zone, 25% grey vein	
Chloritic shear zone, 25% grey vein	 					quartz, py and arsenopyrite noted	
quartz with an increase in sulphides	 	ļ	-	 		throughout in grains in the shear and	
including sections with fair arsenopyrite	-	-		 		in the quartz.	
	.002	<u> </u>	1.4	35610	614.5-614.9	Chirritic shear with good disseminated	
						a enopyrite in rather coarse grains	
						in seams throughout in shear and in	
						grey quartz. + 3% arsenopyrite.	
	 		1	ļ			
620.0-645.0		ļ ——	 	 			
Chloritic shear zone. 5% to 10% quartz			 	 	ļ		
local grains and blebs of pyrite:			1	1			

GENERAL GEOLOGY	A:	SSAY	SAMPLE		FOOTAGE	ECONOMIC GEOLOGY	
GENERAL GEOLOGI		YALUE	PEET	NUMBER	POOTAGE	ECONOMIC GEOLOGY	
	Nil		0.25	35611	624.6-624.89	Chloritic shear with some 1" blebs of	
						pyrite Unsplit core.	
·	.005		4.0	35612	635.0-639.0	Chloritic shear zone, 7% vein quartz	
						occasional coarse grain of pyrite and	
						some very fine pyrrhotite.	
·							
645.0-648.2							
Quartzite, loght brown secicitic, weakly		 _					
sheared.							
			<u> </u>	1	<u> </u>		
648.2-726.2	Nil		1.5.0	35613	657.0-662.0	Chloritic shear zone. 10% vein quartz	
Chloritic shear zone, 10% to 20% grey				1		in small lenses. Occasional grains	
vein quartz sparse sulphides throughout.						and tlebs of pyrite. Some very fine	
				<u> </u>		po in the quartz.	
	1			L			
	1.004	· · · · · · · · · · · · · · · · · · ·	5.0	35614	682.0-687.0	Chloritic shear zone. 10% vein quart	
	1		↓	<u> </u>		in small lenses. The odd grain of py	
	 					in the shear and also in the quartz.	
			+	1	(-0		
	.002		5.0	1 35615	698.9-703.9		
	 		-}	 -	 	quartz in lenses up to 101. Local py	
				 	 	in shear and in quartz lenses.	
	 	,	+	126/26	700 5 703 0	202	
	Nil_		2.7	1-32010	720.5-723:2		
	 		 	 		in narrow lenses. 2% sulphides py and	
726.2-733.0	+		+	 		po in shear and in some of the quartz	
Chloritic shear zone includes several	 ,		 	35(32	740 0 740 0	Obligation about 100 miles	
sections of brown sericite shear up to	1837		5.0	1-3261	742.0-747.0	Chloritic shear zone, 10% vein quartz	
l foot in width.	 		 	 	 	with some fine sulphides, po and py a	
250 0 255 (+			 	 	so a speck of ZnS.	
750.0-755.6 Sericitic and less intensly sheared	 		+	 	 		
than normal	+		+	+	 		
filett Hotingr	NII		+	15619	771 0 775 0	Objectate sheet 10d water a 1	
	 		4.0	12010	771.0-175.0		
	 		+	+	}	l grains of pyrite.	
and a fu popioitio poetion	 	 	+	+	 		
787.5 6" sericitic section.	1		-}	 	 		
	1		+	+	 		
				1	L	1	

DELL ING CONTESCTOR

	ASSAY		BAMPLE			ECONOMIC GEOLOGY		
GENERAL GEOLOGY	OZ.	YALUE	FEET	NUMBER	FOOTAGE	ECONOMIC GEOLOGI		
	.002		3.0	35619	790.0-793.0	Chloritic shear zone, 15% vein quartz		
check	.002					locally fair sulphides in quartz, Po		
						py and a little Red ZnS.		
793.0–806.0								
Core lost due to excessive flattening		····						
of the hole.								
			<u> </u>					
806.0								
End of hole, abandoned due to flattening.			<u> </u>	ļ				
			 					
Dip tests:				 				
300 feet 58°			 					
300 feet 58° 350 feet 52° 710 feet 29° 800 feet 24°			t					
710 feet 29°								
800 feet 24°								
			1					
			1					
				<u></u>				
	. –	. – –						





3-69 Ministry of Nutural Rescurces

Report of Work STREET TWP Instructions
(M.1145)
The Mining Act

Supply required date on a separate form for each type of work to be recorded (see table below).

For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

The training root	
Name and Postal Address of Recorded Holder / + PAUL NICLEAN ON	Prospector's Licence No.
Donald R. Watt (5.608707-21, a.d. 5.608786-96 ind. 4)	C.32084
5.642816-12	
Suite 605, 10 Benvenuto Place, Toronto	· •

otel Work Days Cr. claimed	1	Mining Claim	Work		ing Claim	Work	Min	ing Claim	Work
3,364	Profix	Number	Days Cr.	Profix	Number	Davs Cr.	Prefix	Number	Days Cr.
or Performance of the following	See	attached 1	ist						
work. (Check one only) Menual Work Shaft Sinking Drifting or other Lateral Work. Compressed Air, other Power driven or mechanical equip. Power Stripping									
drilling									
Land Survey									

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Diameter of core BQ 1 7/16" Number of holes 6 Total footage 3,364 feet
Angle of holes -45° and CHTARIO GEOLOGICAL SURVEY

April 5, 1983 to May 12, 1983

AUG 02 1983

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WORK ASSIGNMEN	1T:
5.608390= 541	BAL. 3459
5.608391 = 688,	BAL. 3312.
5.648817 = 1696,	BAL. 2304

July 27, 1983

Certification Verifying Report of Work I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

Paul C. McLean

663 McIntyre St. W., North Bay, Ont.

'ete Certified July 27, 1983

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work			
Shaft Sinking, Drifting or other Lateral Work	Nil	Names and addresses of men who performed manual work 'operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and
Compressed air, other power driven or mechanical equip.	Type of equipment		extent of work in relation to the nearest claim post.
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.	done.	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	Nii	Nii'

Street Township

Mining Claim	Days work credit
s-608307	Qc
s-608308	85 86
s-608309	85 86
\$-608310	85 85
S-608311	oj Ne
s-608312	95
S-608313	05 85
S-608314	გ5 გ5 გ5 გ5
S-608315	85
S-608316	85
s-608317	85 85
S-608318	85 85
S-608319	85
S-608320	85
5-608321	85
s-608386	85
s-608387	85
s-608388	85
s-608389	85
S- 608390	154
s-608391	85
s-608392	85
s-608393	85
s-608394	85
s-608395	85
s-608396	85
S-648816	85
s-648817	200
S64910E	40
s-649107	40
S-649108	40
S-649109	40
s-649110	40
s-649111	40
S-649112	40
S-649113	40
5-649114	40
S-649115	40
S-649116	40
S-649117	40
S-649118	40
5-649119	40
s-649120	40

স্থানিক কোন আন্তর্ভারত শিক্ষাবৈদ্যালয় <mark>ক্রিয়ালনের করিব</mark>র নাম এক সামের ক্রান্তর স্থানিক করিব

Mining Claim	Days work credit
S-649121	40
S-649122	40
S-649123	40
S-649124	40
S-649125	40
S-649126	40
s-649127	40
S-649128	40
S-649129	40
s-649130	40
S-649131	40
s-649132	40
3-649133	40
S-649134	40
s-649135	40
S-649136	40
S-649137	40
5-649138	40
s-649139	40
s-649140	40
S-649141	40
5-649142	40
S-649143	/0
S-649144	10
s-649145	4 C