

DIAMOND DRILLING



010

TOWNSHIP: Mackelcan

REPORT No.: 13

WORK PERFORMED BY: Flag Resources Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>	
S 551335	WL 83-1	546	Feb/83	(1)	
	WL 83-2	553	Jan/83	(1)	
	WL 83-3	407	Feb/83	(1)	
	WL 83-4	367	Feb/83	(1)	
	WL 83-5	495	Feb/83	(1)	
	WL 83-7	527	Feb/83	(1)	
	WL 83-23	217	Mar/83	(1)	
S 515304	A 83-5	847	May/83	(1)	
	A 83-6	637	May/83	(1)	
	A 83-7	467	May/83	(1)	
	A 83-7A	507	May/83	(1)	
	A 83-9	387	May/83	(1)	
	A 83-10	317	June/83	(1)	
	A 83-10A	207	June/83	(1)	
	A 83-11	311	June/83	(1)	
	S 472926	WL 83-6	444	Feb/83	(1)
		WL 83-11	155	Feb/83	(1)
		WL 83-12	397	Feb/83	(1)
WL 83-16		327	Mar/83	(1)	
WL 83-18		454	Mar/83	(1)	
WL 83-20		1001	Mar/83	(1)	
WL 83-24		229	Mar/83	(1)	
WL 83-24A		403	Mar/83	(1)	
WL 83-24B		33	Mar/83	(1)	
WL 83-24C		76	Mar/83	(1)	
WL 83-25		207	Mar/83	(1)	
WL 83-28	600	Sept/83	(1)		

NOTES: #36-84

27 DH. 11148 m

+ 515304 A83-8 117.96 m

472926 WL83-8 60.04 m

WL83-10 61.26 m

30 DH 11387.26 m

DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

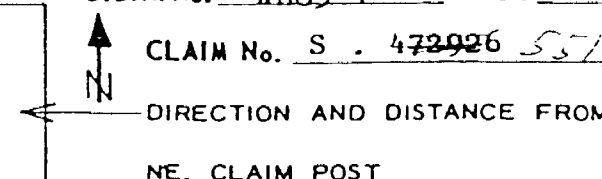
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project, Mackelcan twp., Ontario.

D.D.H. No. WI.83-1 PAGE 1

LATITUDE 1 + 25N BEARING OF HOLE _____ STARTED 1 Feb. 1983

CLAIM No. S. 472926 551935

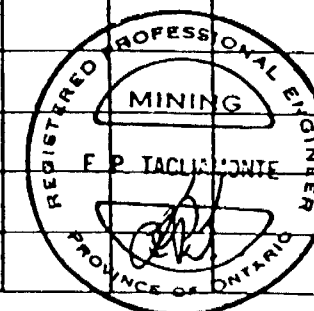
DEPARTURE 3 + 50E DIP OF HOLE -90° COMPLETED 9 Feb. 1983



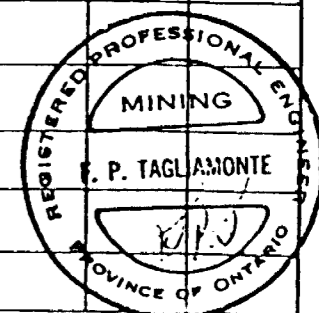
ELEVATION lake level DIP TESTS 77' - 90° DEPTH 166.4m (546')

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	21.3	<u>CASING</u>												
		0 - 16.2 Water												
		16.2 - 21.3 Sediments												
21.3	48.3 ⁺	<u>QUARTZITE BRECCIA ZONE - Pink</u>												
		Predominantly pale gray-green granular Lorrain quartzite fragments interspersed with fine pale pink quartzite and milk white quartz carbonate veinlets and fragments.												
		Some fragments have sharp contacts but most blend into gray quartzite.												
		Approximately 85 ⁺ gray green quartzite fragments.												
		21.3 - 48.5 Pink quartzite zone. Slips mainly @ 55°												
		26.2 6 cm pink quartzite zone with 2 - .5 - 1.5 cm quartz stringer @ 55°.												
		Massive patches pale yellow pyrite in 1.5 cm stringer. Slip @ 55°.												
		26.5 1 cm qtz - carbonate stringer @ 60° with bleb. cpy.												
		26.8 10 cm fragment of milk white quartz-carbonate with angular fragments of pale yellow granular pyrite and random blebs. cpy.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
21.3	48.3 ⁺	QUARTZITE BRECCIA ZONE - Pink cont'd												
		27.9 57 cm fragment of milk white quartz-carbonate. 5% random angular fragments of granular pyrite and minor blebs of cpy. 4 cm band of granular cpy. at top edge of zone.												
		29.6 10 cm zone in pink quartzite with 4 - .5-1cm Qtz-carbonate stringers @ 55°.												
		30.6 40 cm in pink quartzite with Qtz.-carbonate stringers and fragments. Random blebs of cpy. in fragments and some veinlets.												
		32 10 cm Qtz.-carbonate stringer zone in pink quartzite.												
		32.3 17 cm quartz-carbonate fragment with massive blebs of granular pyrite and massive cpy.												
		35.1 10 cm zone in pink quartzite with irregular seam of granular pyrite along core.												
		37.2 30 cm fragment of Qtz.-carbonate with angular fragments of pyrite and minor blebs of cpy.												
		37.8 - 38.9 Random series of Qtz-carbonate veinlets from .5 - 3 cm with occasional bead of pyrite.												
48.3 ⁺	132	QUARTZITE BRECCIA ZONE - Gray - Pink												
		Predominantly gray-green granular quartzite fragments with random very pale pink quartzite fragments in a matrix of milk white quartz-carbonate fragments and stringers.												
		Some fragments have sharp outlines but most interblended with the matrix quartz-carbonate.												
		Sparse random beads of cpy. and sparse patchy disseminated fine pyrite - less than 1/4%.												

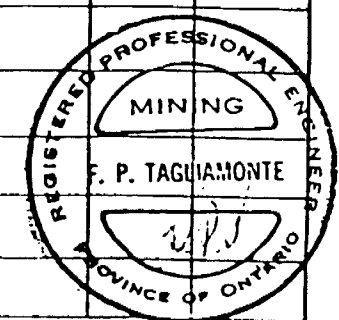


FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
48.3 ⁺	132	QUARTZITE BRECCIA ZONE - Gray - Pink cont'd												
		20% \pm milk white quartz-carbonate.												
	52.1 - 66.1	5% \pm random irregular patches of dark green chloritic material intermixed with quartz-carbonate fragments. Sparse fine pyrite and cpy. in some chlorite patches.												
	66.1 - 76.8	Predominantly gray-green granular quartzite with fine grained very pale pink quartzite. 1% milk white quartz-carbonate fragments and stringers.												
	76.8 - 82.3 ⁺	2% random irregular, angular, and flakes of dark green chloritic material in mainly gray granular quartzite. 3% milk white quartz-carbonate. Sparse random fine pyrite - less than 1/4%. Numerous slips normal or at low angle to core. A few slips @ 60° \pm .												
	82.3 ⁺ - 132 ⁺	Pink and gray quartzite breccia zone. Very pale fine grained pink quartzite fragments intermixed with gray granular quartzite fragments. Interspersed irregular patches of milk white quartz-carbonate with dark green chloritic material. 5% ⁺ quartz-carbonate. Random beads of cpy. and random patches of fine pyrite associated with quartz-carbonate and chlorite. Random slips from 60° to near normal to core. Most @ 70°.												
	103.3 - 111.8	Random fragments and patches of dark green chloritic material surrounding quartz-carbonate fragments. 5% chloritic material 10% quartzite-carbonate. Random patches of massive cpy. up to 2 cm in diameter.												

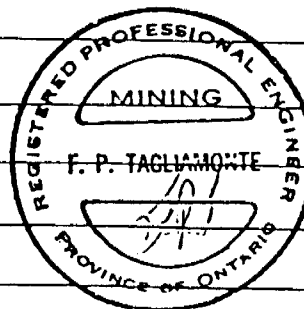


FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
48.3	136.5	QUARTZITE BRECCIA ZONE - Gray - Pink cont'd												
		118.1 14 cm zone with patchy granular pyrite. 25% pyrite in pink quartzite.												
		119.5 20 cm zone with patchy granular pyrite and quartz-carbonate in pink quartzite. 10% pyrite.												
		132 - 136.5 Kaolinitic Zone Earth white background with variable spotted and banded hematitic staining. Slips 65 - 90°.												
136.5	147.22	QUARTZITE (Lorrain) (hematitic stained)												
		136.5 - 147.2 Uniformly granular gray-green quartzite. Banded hematitic staining throughout. Random narrow kaolinitic bands.												
		Multiple fractures generally @ 65°.												
147.22	166.4	QUARTZITE (Lorrain)												
		Gray green. Alternating granular and narrow fine grained bedds. Bedding from 45 - 60°.												
		Numerous quartz-carbonate stringers at upper 12 meters of unit from .5 - 3 cm.												
		Numerous slips from 50 - 60° most @ 50'.												
	166.4	END OF HOLE												
	(546')	Casing removed. Hole cemented												

F. P. Tagliamonte



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY			meters	feet
FROM	TO			FROM	TO		Au	Cu			
				SAMPLING AND ASSAYING	831-1		21.3	23.5	2.2		
			-2		26.7	3.2		.008			10.0
			-3		29.6	2.9		.012			9.0
			-4		32.6	3.0		.048			9.0
			-5		35.4	2.8		.004			9.0
			-6		38.4	3.0		.014			9.0
			-7		41.5	3.0		.002			9.0
			-8		44.3	2.8		.002			9.5
			-9		47.24	2.89		.006			9.5
			-10		50.29	3.05		.002			10.0
			-11		53.03	2.75		Tr			9.0
			-12		55.78	2.75		.004			9.0
			-13		58.52	2.74		Tr			9.0
			-14		61.57	3.05		Tr			10.0
			-15		64.62	3.05		.002			10.0
			-16		67.67	3.05		Tr			10.0
			-17		70.71	3.04		.026			10.0
			-18		73.76	3.05		Tr			10.0
			-19		76.81	3.05		Tr			10.0
			-20		79.40	2.59		.002			8.5
			-21		82.30	2.9		.002			9.5
			-22		85.19	2.89		Tr			9.5



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY			ft
FROM	TO			FROM	TO		Cu			
		SAMPLING AND ASSAYING cont'd	831-23	85.19	88.09	2.99		Tr		9.
			-24		90.98	2.89		.002		9.
			-25		93.88	2.9		Tr		9.
			-26		96.93	3.05		.018		10.
			-27		99.67	2.74		.006		9
			-28		102.72	3.05		Tr		10.
			-29		105.46	2.74		.062		9
			-30		107.9	2.44		.004		8
			-31		111.40	3.5		.012		11.5
			-32		114.45	3.05		.006		10
			-33		117.20	2.75		.008		9
			-34		120.24	3.04		.084		10
			-35		122.99	2.75		.012		9
			-36		125.88	2.89		.024		9.5
			-37		128.62	2.75		.016		9
			-38		131.52	2.90		.032		9.
			-39		134.26	2.74		.004		9.
			-40		137.16	2.9		Tr		9.5



DIAMOND DRILL RECORD

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PROPERTY FLAG RESOURCES LTD. Wolf Lake Project, Mackelcan twp., Ontario.

D.D.H. No. WL83-2 PAGE 1

LATITUDE ~~00~~ 42° 54' N BEARING OF HOLE _____ STARTED 31 Jan. 1983

CLAIM No. S 472926 5 51335

DEPARTURE ~~150E~~ 4100E DIP OF HOLE -90° COMPLETED 6 Feb. 1983

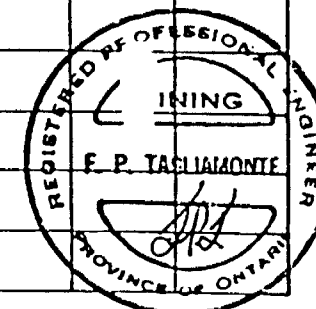
DIRECTION AND DISTANCE FROM

ELEVATION lake level DIP TESTS 116'-88°; 553'-89° DEPTH 168.6 m (553')

NE. CLAIM POST

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	35.4	<u>CASING</u> 0 - 24.4 water. 24.4 - 35.4 lake bottom sediments and boulders.												
35.4	82.3	<u>QUARTZITE (Lorrain)</u> Pale gray-green variably granular (conglomeritic) bedded quartzite. Alternating coarse to fine bedding features. Tops up the hole (?). Bedding generally @ 68° ±. Random bands and patches of hematitic staining. Random zones of kaolinitic alteration. Variation as noted.												
		Fine bedding contacts:												
		12.06 13 cm band @ 60°												
		47.4 4 cm band @ 70°												
		48.16 3 cm band @ 70°												
		48.46 11 cm band @ 60° with hematitic staining.												
		49.50 4 cm band @ 65° very fine grained.												
		50.29 10 cm band @ 65°												
		56.39 2.4 m zone of conglomeritic quartzite weakly kaolinitic.												
		59.28 3 cm band @ 65°												
		62.79 - 109.4 Hematitic stain zone. Thin seams and broad zones of hematitic staining throughout.												
		(62.79 - 73.5) Multiple fracture zone. Numerous slips from 30-50° most @ 30° ±.												
		65.5 Open seam. Cemented.												
		72.5 1.5 cm gouge zone @ 35°.												
		(73.5 - 79.6 ±) Series of fractures (slips) mainly @ 65°.												

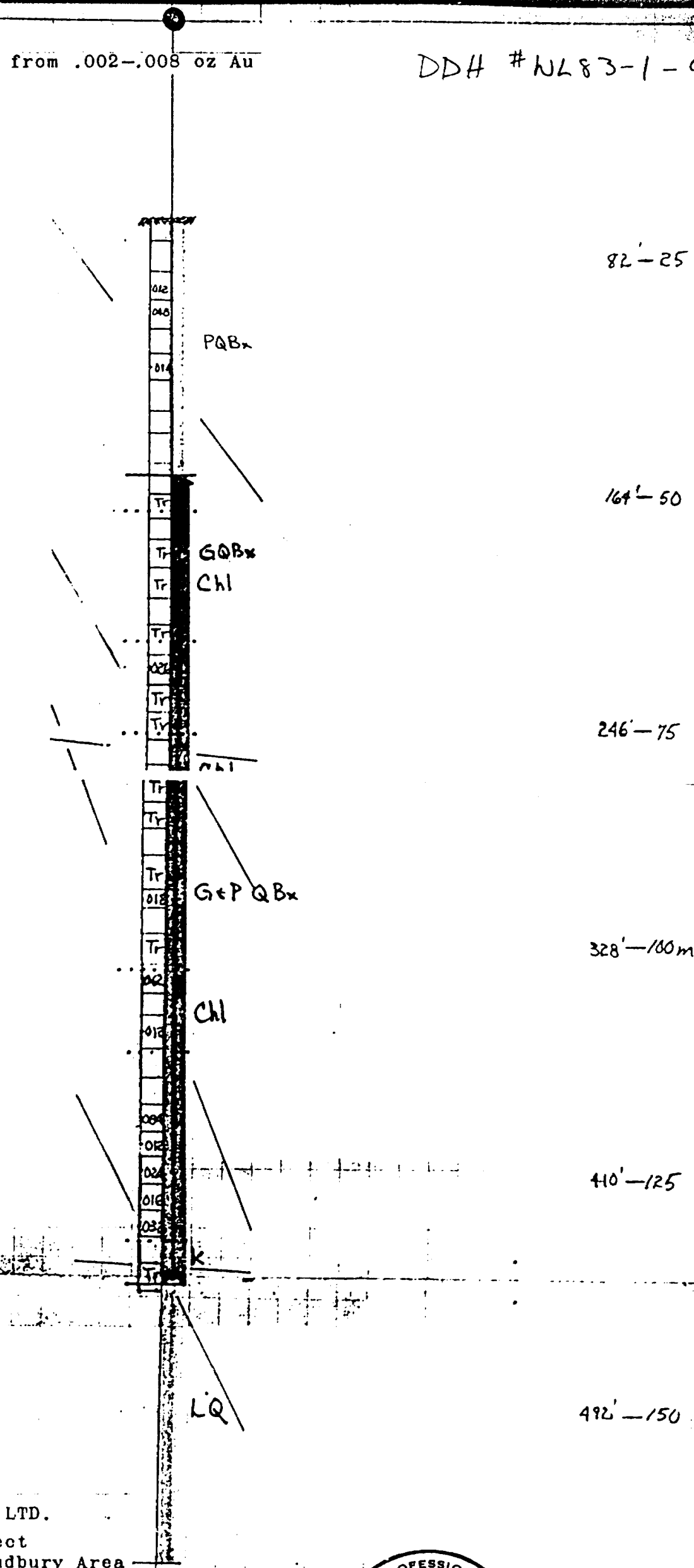


Assay blanks range from .002-.008 oz Au

DDH # WL83-1-90° 166.4 (546')

SCALE 1:500
1"

DATE: FEBRUARY 1983
FPT



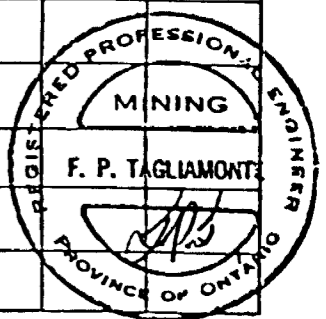
FLAG RESOURCES LTD.
Wolf Lake Project
Mackelcan township - Sudbury Area
Ontario

DDH # WL83-1 CROSS-SECTION

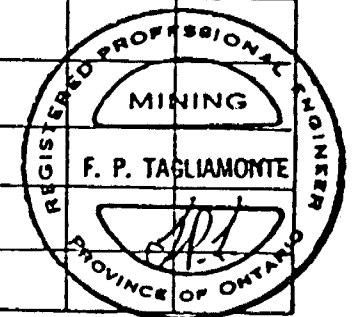
166.4 (546')



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
35.4	82.3	QUARTZITE (Lorrain) cont'd											
		74.98 - 79.55 Gray granular quartzite with 60% bands, seams, and flakes hematitic staining. Numerous bedding plain slips generally @ 60°.											
		78 30 cm zone with 2% disseminated fine pyrite.											
		78.79 74 cm zone of intense hematitic staining. 10 cm at upper contact bleached, earthy and carbonated.											
82.3	109.4	QUARTZITE BRECCIA ZONE Pink											
		Bands, fragments and seams of fine grained, salmon pink quartzite interspersed in granular gray-green Lorrain quartzite.											
		Some pink quartzite may either be fragments or bedding plain injections or both.											
		Pink quartzite variably mineralized with granular pyrite and occasional patch of massive chalcopyrite.											
		Variations as noted.											
		82.6 20 cm salmon pink quartzite fragment with irregular .5 cm seams of granular pale yellow pyrite with minor quartz carbonate association. Finely bedded gray granular quartzite on either side. Bedding @ 60°.											
		83.97 Slip @ 60°.											
		85.95 - 90.22 Bands or fragments of fine grained pink quartzite with random irregular seams of granular pyrite.											
		90.22 1.5 cm seam of granular pyrite @ 30° in pink quartzite.											
		94.48 7 cm zone of thinly bedded Lorrain quartzite @ 65°.											
		97.5 10 cm zone of thinly bedded Lorrain quartzite @ 65°.											
		96.8 3 - 1 cm seam of sulphides: 1 cpy, 2 py @ 30°.											
		97.5 .5 cm irregular seam of granular pyrite @ 30°.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
82.3	109.4	QUARTZITE BRECCIA ZONE Pink cont'd												
		106.4 - 107.3 20% granular pale yellow pyrite in pink quartzite with minor quartz association.												
109.4	145	QUARTZITE (Lorrain)												
		Gray-green alternating granular and fine grained bedded quartzite.												
		Random narrow zones of disseminated fine pyrite.												
		Occasional quartz-carbonate vein - mainly near upper portion of zone.												
		Bedding and some slips @ 60°.												
145	168.6	QUARTZITE (Lorrain)												
		Generally as above.												
		Random patches, bands and zones of hematitic staining.												
		10%+ hematitic staining.												
		Slips from 30 - 70°.												
	168.6	END OF HOLE												
		Hole Cemented. Casing Removed												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	Au	ASSAY					
FROM	TO			FROM	TO								
		<u>SAMPLING AND ASSAYING</u>	832-1	78.02	78.33	.3	.008						
			-2		79.55	1.22	.002						
			-3	82.6		25 cm	.099						
			-4	85.95	87.93	1.98	.006						
			-5		90.53	2.6	.014						
			-6		93.87	3.35	.008						
			-7		96.62	2.75	.002						
			-8		98.45	1.83	.046						
			-9		101.19	2.74	.006						
			-10		104.09	2.9	.010						9.
			-11		106.98	2.89	.028						9.
			-12		109.88	2.9	.008						9.



Wolf Lake Project
Mackelcan township - Sudbury Area
Ontario

DDH # WL83-2 CROSS-SECTION

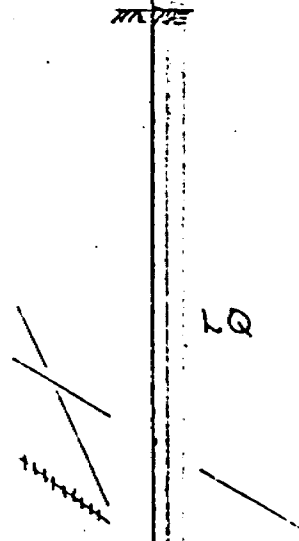
SCALE: 1:500

168.6 m (553')

1" = 500

82'.25

164'.50



246'.75

.099

.014
.046
.01
.022

PQBx

328'.100m

LQ

410'.125

LQ hs

492'.150

168.6 m (553')

FLAG RESOURCES LTD.

Assay blanks range from .002-.008 oz Au

DIAMOND DRILL RECORD

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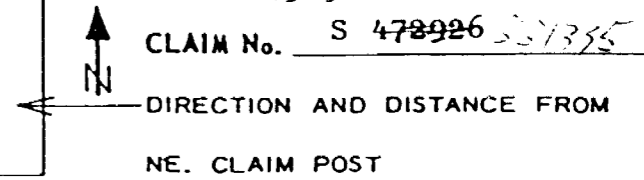
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project, Mackelcan twp., Ontario.

D.D.H. No. WT.83-3 PAGE 1

LATITUDE 1 + 50N BEARING OF HOLE _____ STARTED 7 Feb. 1983

CLAIM No. S 478926 537355

DEPARTURE 3 + 50E DIP OF HOLE -90° COMPLETED 9 Feb. 1983



ELEVATION lake level DIP TESTS 42' - 88°; 407' - 89° DEPTH 124.1 m (407')

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.
meters

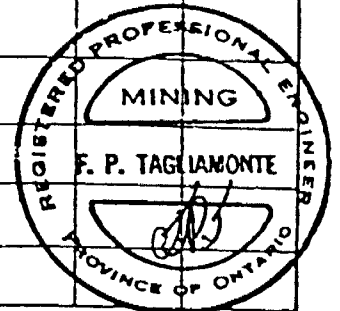
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	12.19	CASING												
12.19	21.03	QUARTZITE (Lorrain)												
		Gray-green granular quartzite. Fractured. Fractures from 35 - 52°.												
		17.37 - 21.03 40% hematitic staining.												
		20.1 .3m massive white quartz vein @ 48°.												
21.03	52.4	QUARTZITE BRECCIA - Pink + Gray												
		Variable sized angular fragments of gray-green granular, pink and gray quartzite with milk white quartz-carbonate matrix material.												
		Variably mineralized with pale yellow granular pyrite and random massive patches and beads of chalcopyrite.												
		21 10 cm white quartz vein.												
		44 cm intensely kaolinized zone with limonitic seams.												
		Slips @ 60°.												
		21.9 1 m zone of heavy kaolinitic alterations. Same gouge. Badly decomposed.												
		42.97 50 cm zone of quartz-carbonate and pink quartzite with random splashes of massive irregular cpy.												
		3%+ cpy.												



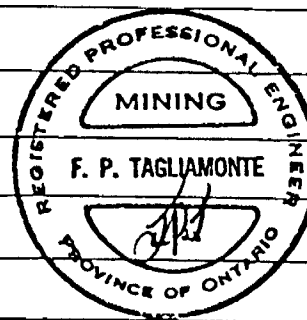
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
21.03	52.4	QUARTZITE BRECCIA - Pink + Gray cont'd												
		45.7 4 cm zone of quartz-carbonate with massive irregular cpy.												
		49.8 2.1 m fragment of Lorrain quartzite.												
52.4	93.57	QUARTZITE BRECCIA - Gray - Chloritic												
		Irregular pale pink, gray quartzite fragments cemented (matrix) by milk white quartz-carbonate. Random fragments of Lorrain quartzite.												
		Random, spotty fine and occasionally up to 2 cm patches of massive cpy.												
		Random fine disseminated pyrite.												
		40% quartz-carbonate.												
		10% dark green chloritic material.												
		57 .9 m Lorrain quartzite fragment.												
		65.7 2.1 m Lorrain quartzite fragment.												
		72.2 .9 m Lorrain quartzite fragment.												
		84.1 1 m Lorrain quartzite fragment.												
		78.6 5 cm irregular patch of massive cpy.												
		89.6 - 93.57 Pale pink quartzite breccia.												
93.57	104.39	QUARTZITE BRECCIA - Pink												
		Salmon pink quartzite.												
		Generally massive except for local irregular fragmented patches of milk white quartz-carbonate.												
		Random narrow fragments or bands of hemitized gray-green granular Lorrain quartzite.												
		Random massive irregular patches of cpy in milk white quartz-carbonate.												
		Random patches, thin seams, and fine disseminated pale yellow pyrite in milk white quartz-carbonate seams and fragments.												
		3%+ sulphides.												



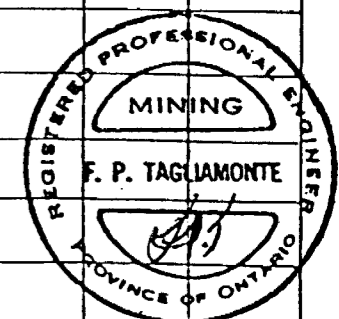
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
93.57	104.39	QUARTZITE BRECCIA - Pink cont'd												
		95.4 8 cm irregular patch of massive cpy. in milk white quartz-carbonate.												
		96 30 cm zone with irregular seams of pale yellow pyrite in milk white quartz-carbonate. Minor bead of cpy. 5% sulphides.												
		Numerous slips from 35 - 65°.												
104.39	124.1	QUARTZITE (Lorrain)												
		Hemitized and kaolinitic Lorrain quartzite.												
		Random bands of kaolinitic quartzite. Random bands, seams and disseminated flakes of hematitic staining. Multiple fracturing. Numerous slips from 35 - 55°. Relict bedding @ 50°.												
	124.1	END OF HOLE												
	(407')	Hole cemented Casing removed												
		<i>F. P. Tagliamonte, P. Eng.</i>												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO		Cu		Au		
		<u>SAMPLING AND ASSAYING</u>	833-1	21	23.31	2.3			.002		7.
			-2		26.21	2.9			.016		9.
			-3		29.1	2.9			.006		9.
			-4		31.85	2.75			.004		9.
			-5		34.75	2.89			.008		9.
			-6		37.79	3.04			.002		10.
			-7		40.69	2.9			.006		9.
			-8		43.59	2.89	.292		.004		9.
			-9		46.48	2.89			Tr		9.
			-10		49.38	2.89			Tr		9.
			-11		52.57	3.19			Tr		10.
			-12		55.47	2.9			.002		9.
			-13		58.2	2.75			.002		9.
			-14		61.26	3.06			.010		10.
			-15		64.02	2.76			Tr		9.
			-16		67.05	3.03			Tr		10.
			-17		70.10	3.05			Tr		10.
			-18		72.85	2.74			.002		9.
			-19		75.9	3.04			Tr		10.
			-20		78.94	3.04			.002		10.
			-21		81.68	2.75			Tr		9.
			-22		84.58	2.9			.002		9.



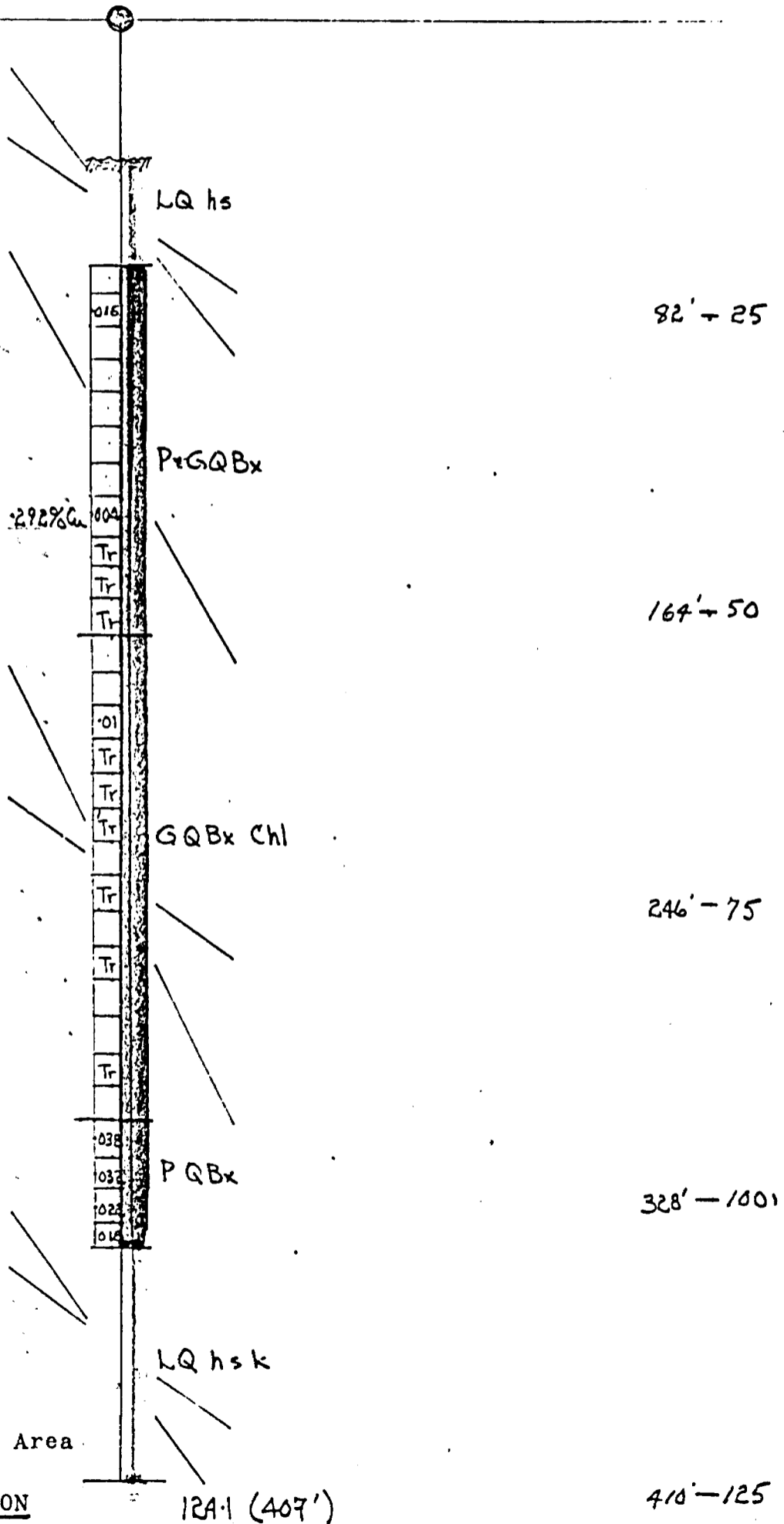
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY		
FROM	TO			FROM	TO				
		SAMPLING AND ASSAYING cont'd	833-23	84.78	87.63	3.05			.004
			-24		90.52	2.69			Tr
			-25		93.57	3.05			.002
			-26		96.62	3.05			.038
			-27		99.36	2.74			.032
			-28		102.11	2.75			.022
			-29		104.39	2.28			.018





+ 1+50N
3+50E

WL
DDH# 83-3 -90° 124.1 (407')



FLAG RESOURCES LTD.
Wolf Lake Project
Mackelcan township - Sudbury Area
Ontario

DDH # WL83-3 CROSS-SECTION

SCALE: 1:500
DATE: February 1983

FPT

Assay blanks range from .002-.008 oz Au

DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project, Mackelcan twp., Ontario.

LATITUDE 1 + 75N BEARING OF HOLE _____ STARTED 10 Feb. 1983

DEPARTURE 3 + 50E DIP OF HOLE -90° COMPLETED 13 Feb. 1983

ELEVATION lake level DIP TESTS 100' - 89°; 367' - 89° DEPTH 111.86 m (367')

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

D.D.H. No. WL83-4 PAGE 1

CLAIM No. S 472926 551335

DIRECTION AND DISTANCE FROM

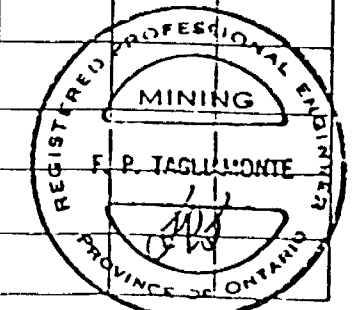
NE. CLAIM POST



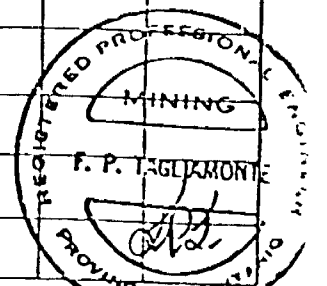
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	4.57	CASING											
4.57	34.13	QUARTZITE - Lorrain											
		Pale gray-green granular Lorrain quartzite.											
		Decomposed.											
		Weakly kaolinitic.											
		Multiple fracturing - most @ 50°±.											
		Rare Random finer grained, bedded quartzite fragments.											
		Faint rare hematitic staining.											
		Sharp slip contact @ 50°.											
34.13	63.7	QUARTZITE BRECCIA - Ping + Gray											
		Pale pink and gray generally fine grained quartzite fragments.											
		Random pale green quartzite (Lorrain) fragments.											
		5% irregular milk white quartz-carbonate matrix material.											
		Random blebs and irregular patches of massive cpy in matrix.											
		Less than 1/4% cpy.											
	38.7	4 cm angular fragment of cpy in milk white quartz-carbonate and pale pink quartzite.											



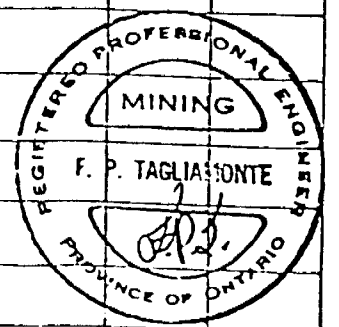
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
34.13	63.7	QUARTZITE BRECCIA - Pink + Gray cont'd											
		41.1 5 cm zone with angular fragments of cpy. in milk white quartz-carbonate and pale pink and gray quartzite.											
		43.4 Fine blebs cpy. in milk white quartz-carbonate and pale pink quartzite.											
		43.4 2.4 m fragment of fine granular gray quartzite. Sharp contacts @ 55°.											
		46.3 12 cm zone with fragments of massive cpy in milk white quartz-carbonate and pale pink quartzite. 10% cpy.											
		45.87 - 63.7 Random fragments of gray quartzite with sharp contacts from 10 - 30 cm wide. Fractures from 45 - 50° - Most @ 50°. Lower 3 m mainly gray quartzite breccia.											
		54.5 8 cm milk white quartz-carbonate fragment with small fragments of cpy.											
		60.35 10 cm irregular milk white quartz-carbonate fragment with massive beads cpy.											
		62.5 .6 m gray quartzite fragment.											
		63.4 14 cm irregular milk white quartz-carbonate fragment with massive irregular patches of cpy. 10% cpy.											
63.7	89.92	QUARTZITE BRECCIA - Pink											
		Salmon pink generally fine grained pink quartzite and gray quartzite fragments.											
		Random granular pale yellow patches of pyrite usually associated with quartz-carbonate.											



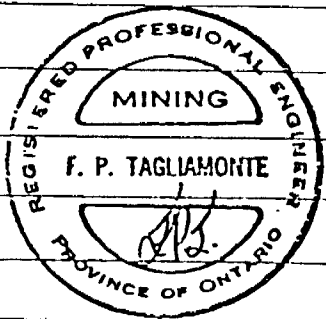
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
63.7	89.92	QUARTZITE BRECCIA - Pink cont'd												
		67.9 .9 m gray quartzite fragment.												
		66.75 Massive pale yellow granular pyrite along a slip @ 100° for a length of 25 cm.												
		67.5 3 cm seam of granular pyrite @ 20° along core for 10 cm.												
		70.4 20 cm zone of massive granular pyrite in gray quartzite fragment associated with milk white quartz-carbonate.												
		Numerous slips from 30 - 75° - most @ 75°.												
		75.4 17 cm gray granular quartzite fragment @ 47°.												
		78.3 .6 m gray granular quartzite fragment @ 65°. Bedding @ 60°.												
		81.7 3 cm band of gray granular quartzite @ 60° - slip contacts.												
		85 12 cm gray granular quartz fragment with irregular quartz stringers and grains of pyrite.												
		87.6 12 cm band of bedded gray granular quartzite. Bedding @ 50°.												
89.2	100.88	QUARTZITE Kaolinitic												
		Contaminated (Lorrain) quartzite.												
		Earthy kaolinitic bands.												
		Limonitic and hematitic staining.												
		Numerous slips @ 70°.												
		Several between 35 - 45°.												
		63.7 Slip @ 45° with .5 cm of specularite platings on slip face.												
		Random bands of hematitic staining.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
100.88	111.86	QUARTZITE (Lorrain)											
		Alternating fine and granular beds of Lorrain quartzite.											
		Bedding @ 40°.											
		Numerous bedding plain slips.											
		Several slips @ 35° with limonitic staining.											
	111.4	2 cm gouge seam @ 55°.											
		Random series of 1 cm quartz stringers generally @ 65°.											
	111.86	END OF HOLE											
	(367')	Hole cemented. Casing removed.											
		<i>Frank P. Tagliamonte, P. Eng.</i>											



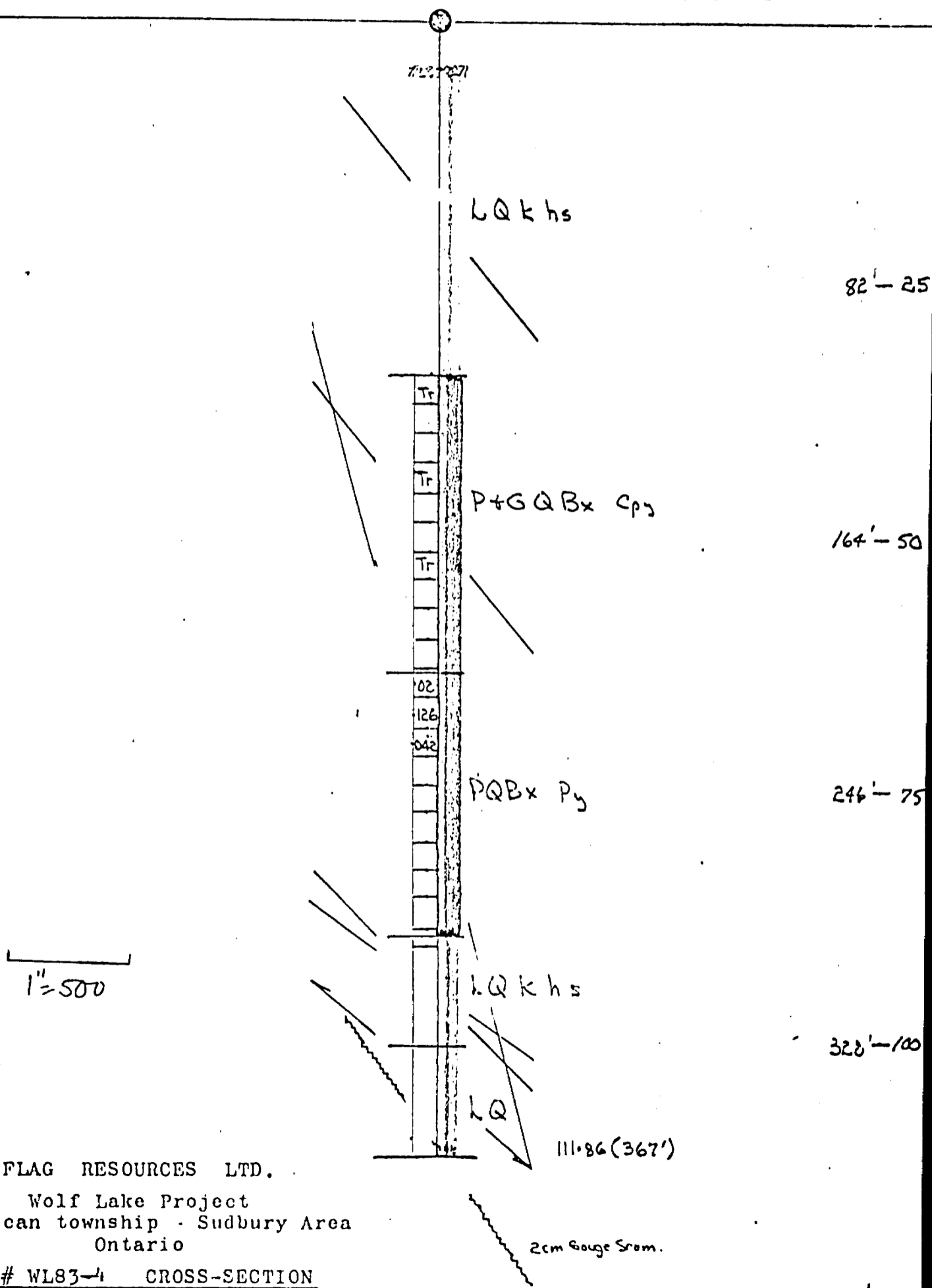
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY		
FROM	TO			FROM	TO		Au		
		<u>SAMPLING AND ASSAYING</u>	834-1	33.83	36.88	3.05		Tr	10
			-2		39.62	2.74		.006	9
			-3		42.67	3.05		.002	10
			-4		45.72	3.05		Tr	10
			-5		48.62	2.9		.004	9
			-6		51.66	3.04		.002	10
			-7		54.41	2.74		Tr	9
			-8		57.3	2.89		.006	9
			-9		60.35	3.05		.006	10
			-10		63.09	2.74		.002	9
			-11		65.98	2.89		.020	9
			-12		68.88	2.90		.126	9
			-13		71.93	3.05		.042	10
			-14		74.67	2.74		.004	9
			-15		77.42	2.75		.008	9
			-16		80.46	2.75		.006	9
			-17		83.2	2.75		.004	9
			-18		85.95	2.75		.002	9
			-19		89	3.05		.008	10
			-20		90.52	1.5		.006	5



3+50E



DDH # WL83-4 -90° 111.86 (367')



FLAG RESOURCES LTD.

Wolf Lake Project
Mackelcan township - Sudbury Area
Ontario

DDH # WL83-4 CROSS-SECTION

SCALE: 1:500

DATE: February 1983

ASSAY BLANKS RANGE FROM .002-.008 OZ. AU
Assay blanks range from .002-.008 oz. Au

410' - 12

DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project, Mackelcan twp., Ontario.

D.D.H. No. WL83-5 PAGE 1

LATITUDE 2 + 00N BEARING OF HOLE _____ STARTED 10 Feb. 1983

CLAIM No. S 472926 551335

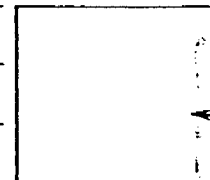
DEPARTURE 3 + 75E DIP OF HOLE -90° COMPLETED 13 Feb. 1983

DIRECTION AND DISTANCE FROM

ELEVATION lake level DIP TESTS 20' - 88°; 495' - 89° DEPTH 150.87 m (495')

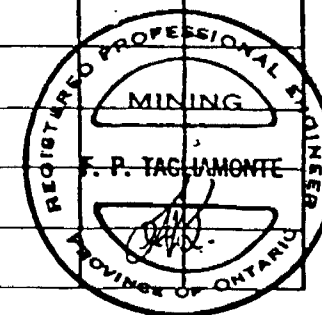
NE. CLAIM POST

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

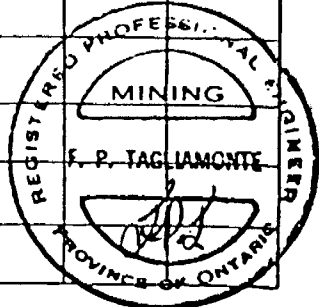


meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	4.57	CASING											
4.57		QUARTZITE (Lorrain)											
		Gray granular Lorrain quartzite.											
		Alternating coarse granular and fine granular beds.											
		Variable bedding but generally @ 60°±.											
		Multiple fracturing - most @ 60°±.											
		Random 35° slips.											
		Patchy weak kaolinitic alteration.											
		10% broken and mechanically fragmented core.											
	33.5 - 62.4	Random fragments of vuggy kaolinitic pale pink limonitic siliceous material - 15%±.											
		Some stained faintly pink with sparse fine pyrite and fine specularite. From 10 - 40 cm wide.											
	43.3 - 68.88±	Broken and fragmented core.											
		Multiple fractures with limonitic staining.											
		Fracturing from 30 - 60°±.											
	64.9	Slips and fractures generally @ 55°.											
	85.3 - 138.07	Random bands of pale pink hematitic staining in bedded granular gray quartzite.											
		Bedding @ 60°±.											
		Fracturing @ 50 - 70° some @ 25°.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO					
4.57	150.87	QUARTZITE (Lorrain) cont'd								
		138.07 - 144.17 Weakly kaolinitic granular quartzite. Vuggy, limonitic zones. Faint hematitic stained bands.								
		Hole cemented. Casing Removed.								
	150.87	END OF HOLE								
	(495')									
		<i>Frank P. Tagliamonte, P. Eng.</i>								



PROVINCE OF ONTARIO

+ 2 + 004
DDI: # WL83-5-90° 150.8' (495')
+ 3 + 75E

82' - 25

multiple fractures

LQ k hs

164' - 50

246' - 75

SCALE: 1:500
DATE: February 1983
FPT

328' - 100m

410' - 125

k limonitic, vuggy

150.87 (495')

492' - 150

FLAG RESOURCES LTD.

Wolf Lake Project
Mackelcan township - Sudbury Area
Ontario

DDH # WL83-5 CROSS SECTION

DIAMOND DRILL RECORD

LOGGED BY E.P. Tagliamonte, P. Eng.

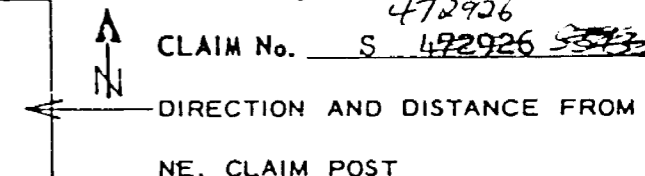
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-6 PAGE 1

LATITUDE 0 + 75N BEARING OF HOLE _____ STARTED 14 Feb. 1983

CLAIM No. S 472926 ~~554335~~

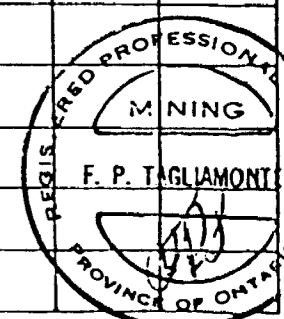
DEPARTURE 3 + 25E DIP OF HOLE -90° COMPLETED 17 Feb. 1983



ELEVATION lake level DIP TESTS 100' - 89°; 444' - 87° DEPTH 135.33 m (444')

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	30.48	CASING											
30.48	130.76	QUARTZITE BRECCIA - Pink and Gray											
		Alternating zones of pale pink, salmon pink and gray quartzite.											
		Milk white quartz-carbonate fragments, veins and seams as matrix material.											
		Random patches of pale yellow pyrite.											
		Random small splashes of cpy.											
		Random large - .6 m ⁺ fragments of gray granular quartzite.											
		Multiple fractures from 35 - 70°.											
	32.6 - 39.3	85% gray granular quartzite with random fragments of salmon pink quartzite and milk white quartz-carbonate.											
	32.9	2 cm quartz-carbonate stringer @ 60° with 35% granular pyrite.											
	35.3	2 cm quartz-carbonate stringer @ 80° with fine patches cpy.											
	36.57	9 cm band of milk white quartz-carbonate containing massive patches of pyrite.											
	37	10 cm zone of milk white quartz-carbonate and pink quartzite with random patches of pyrite.											
	39.1	4 cm quartz-carbonate stringer zones @ 65° with 60% massive granular pyrite.											



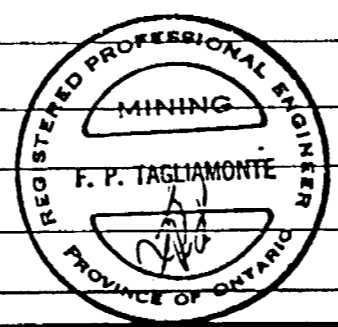
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
30.48	130.76	QUARTZITE BRECCIA - Pink and Gray cont'd											
		43.58 50 cm zone with 5%+ granular pyrite in seams and patches.											
		43.58 - 49.98 Zone of multiple fracturing. Limonitic, hematitic, and kaolinitic coated fractures from 35 - 70°.											
		53.49 .76 m gray granular quartzite fragment.											
		54.86 - 60.05 Finely fragmented, angular pink and gray quartzite with milk white quartz-carbonate matrix. Random massive granular patches of pale yellow pyrite. 5%+ pyrite with very minor cpy.											
		60.05 .9 m gray granular quartzite fragment.											
		60.96 - 68.73 Chloritic zone. Random patches of mixed dark green hard chloritic material mixed with milk white quartz-carbonate and intermixed with pale pink and gray quartzite fragments. 45% chloritic material with random fine cpy patches.											
		66.45 .9 m gray granular quartzite fragment.											
		68.73 1.1 m gray granular quartzite fragment.											
		76.5 - 85.03 Chloritic Zone. Random irregular patches of dark green hard chloritic material intermixed with milk white quartz-carbonate in pink and gray quartzite breccia. 30% chloritic material and quartz-carbonate. Random fine patches of massive cpy and fine disseminated pyrite.											



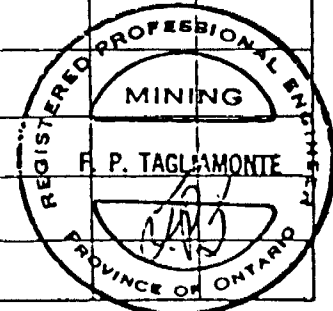
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
30.48	130.76	QUARTZITE BRECCIA - Pink and Gray cont'd												
		81.99 .9 m gray granular quartzite fragment.												
		85.03 3.65 m gray granular quartzite fragment.												
		89.92 .6 m gray granular quartzite fragment. slip contacts @ 35°.												
		89.15 .45 m zone with 5% granular pyrite in pink quartzite and milk white quartz-carbonate.												
		93.57 20 cm gray granular quartzite fragment.												
		95.09 .9 m gray granular quartzite fragment.												
		113.08-130.76 Salmon Pink quartzite breccia zone.												
		Salmon pink generally massive quartzite with random stringers and fragments of milk white quartz- carbonate.												
		Random small gray granular quartzite fragments throughout.												
		Multiple fracturing. Hematitic and chloritic coatings. Fractures from 25 - 70°. Sparse fine pyrite.												
		124.66-127.56 Porphyritic salmon pink quartzite. 127.56 1.5 m gray granular quartzite fragment.												
130.76	135.33	QUARTZITE (Lorrain)												
		Gray granular quartzite. Hematitic stained bands. Zones of vuggy kaolinitic alteration. Multiple fractures from 25 - 55°.												
		135.33 END OF HOLE												
		(444')												
		Hole cemented. Casing removed.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY					
FROM	TO			FROM	TO		Au					
		<u>SAMPLING AND ASSAYING</u>	836-1	30.48	33.5	3.02	.028					9
			-2		36.42	2.92	.002					9
			-3		39.47	3.05	.028					10
			-4		42.36	2.89	.010					9
			-5		44.65	2.29	.012					7
			-6		47.39	2.75	.008					9
			-7		50.29	2.90	.004					9
			-8		53.34	3.05	.002					10
			-9		56.38	3.05	.024					10
			-10		59.43	3.05	.044					10
			-11		62.33	2.90	Tr					9
			-12		65.23	2.89	.006					9
			-13		67.97	2.74	Tr					8
			-14		71.02	3.04	.002					10
			-15		73.91	2.89	.002					9
			-16		77.11	3.2	.016					10
			-17		79.71	2.59	Tr					8
			-18		82.91	3.19	Tr					10
			-19		85.80	2.89	Tr					9
			-20		88.39	2.59	.004					8
			-21		91.59	3.20	.145					10
			-22		94.49	2.89	Tr					9



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY			f
FROM	TO			FROM	TO		Au			
		SAMPLING AND ASSAYING cont'd	836-23	94.49	97.5	3.04	.006			10
			-24		100.28	2.78	.004			9
			-25		103.02	2.74	.016			9
			-26		106.07	3.05	.008			10
			-27		108.66	2.59	.004			8
			-28		111.56	2.89	.012			9
			-29		114.45	2.89	.016			9
			-30		117.50	3.05	.012			10
			-31		120.55	3.04	.006			10
			-32		123.59	3.00	.046			9
			-33		125.88	2.29	.026			7
			-34		127.55	1.68	.054			5



0+75M +
3+25E

Well Log Project
Mackelcan township - Sudbury Area
Ontario

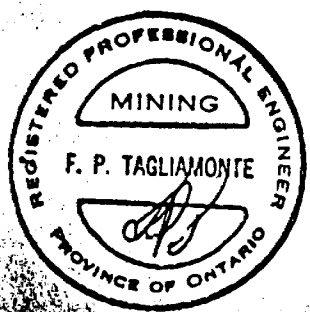
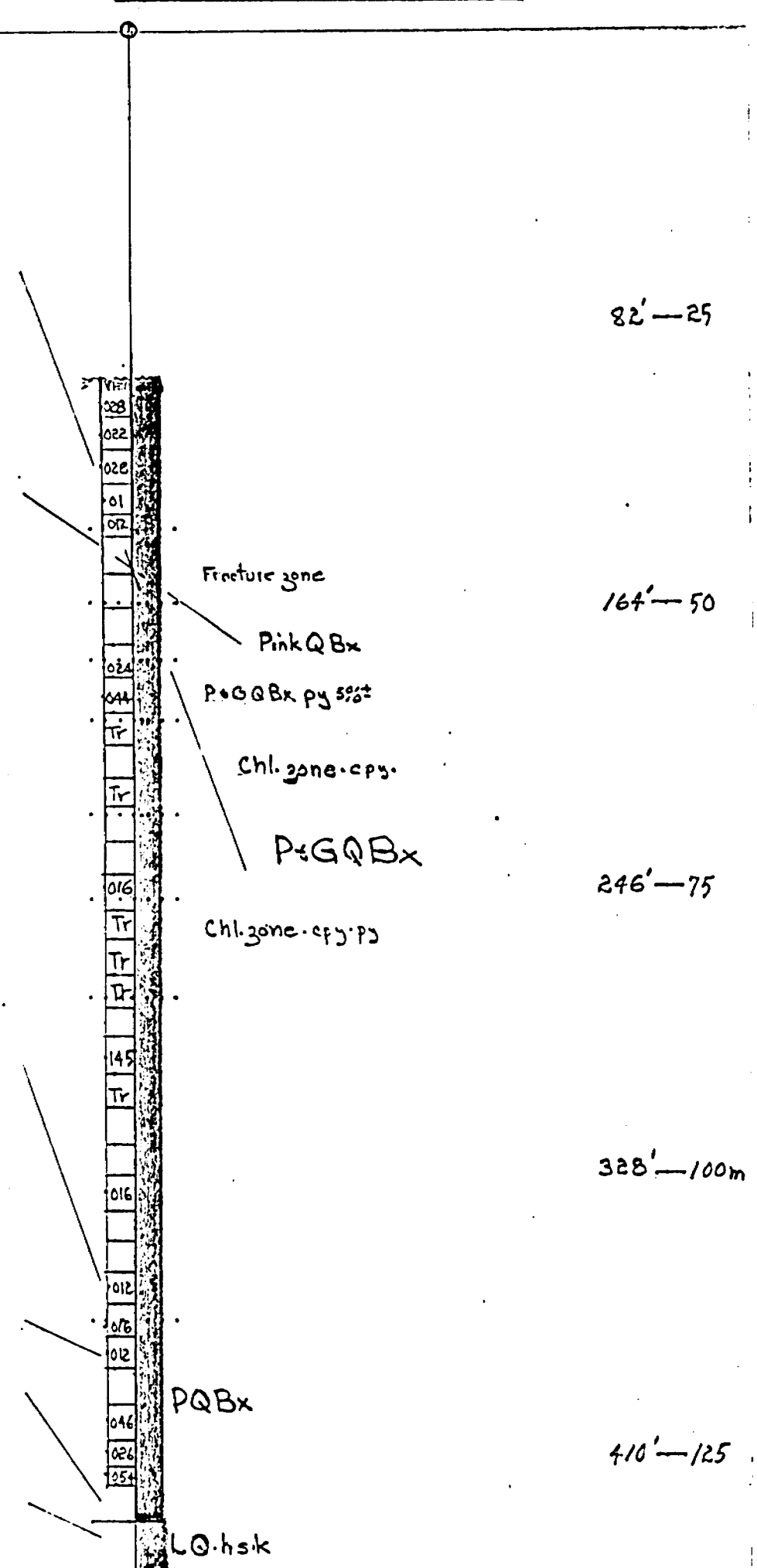
DDH # WL83-6 CROSS-SECTION

SCALE: 1:500
DATE: February 1983

FPT

Assay blanks range from .002-.008 oz Au

DDH# WL83-6 -90°135.33(444')



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY ELAG RESOURCES LTD. Wolf Lake Project, Mackelcan twp., Ontario.

D.D.H. No. WL83-7 PAGE 1

LATITUDE 1 + 00N BEARING OF HOLE _____ STARTED 13 Feb. 1983

CLAIM No. S 472926 S 51335

DEPARTURE 3 + 50E DIP OF HOLE -90° COMPLETED 17 Feb. 1983

←  DIRECTION AND DISTANCE FROM

ELEVATION lake level DIP TESTS 100' - 89°; 527' - 89° DEPTH 160.6 m (527')

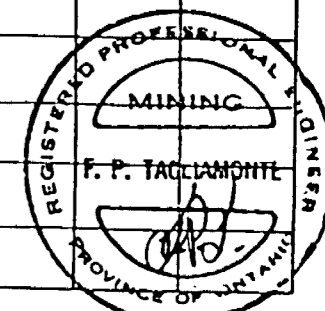
NE. CLAIM POST.

CORE SIZE BX9 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

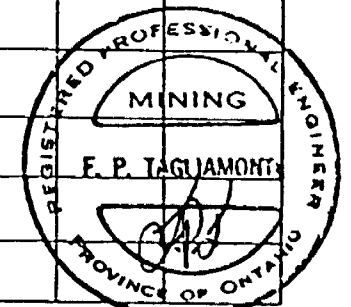
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	29.26	CASING											
29.26	128.63	QUARTZITE - Gray & Pink											
		Pale pink and gray quartzite breccia.											
		Random fragments of milk white quartz-carbonate.											
		Random fragments or bands of gray finely bedded quartzite.											
		Defined bedding contacts generally @ 55°.											
		Rare Random discontinuous seams of pale granular pyrite.											
	29.87	1 cm seam of granular pyrite @ 50°.											
	33.52	45 m band or fragment of finely bedded quartzite.											
	37.79	1 cm seam of granular pyrite @ 48°.											
	40.69	7 cm quartz stringer @ 40°.											
		1 cm seams of granular pyrite at both boundaries.											
	41.15	1.5 m mixed zone of gray granular quartzite and gray "digested" quartzite fragments.											
		Bedding @ 74°.											
	43.58	2.74 m band or bed of gray granular quartzite.											
		Bedding @ 55°.											
	47.24 - 64.3	40% pale pink quartzite fragments and milk white quartz-carbonate.											
		Random beads of cpy. and pyrite.											
		Random zones of sparse disseminated pyrite.											
		60% gray granular quartzite fragments.											



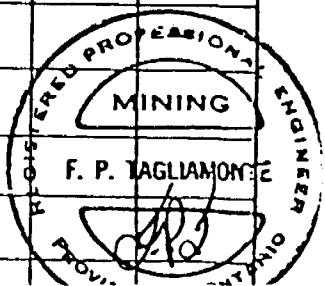
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
29.26	128.63	QUARTZITE - Gray & Pink cont'd												
		47.24 - 64.3 Slips from 30 - 550. 1/4% [±] sulphides: cpy., pyrite.												
		64.3 - 93.57 Gray and pale pink quartzite breccia. 60% milk white quartz-carbonate fragments. 40% [±] gray quartzite fragments and/or bands. Random zones of sparse disseminated pyrite. Random small patches of cpy.												
		65.5 14 cm gray granular bedded quartzite fragment.												
		66.59 15 cm gray granular bedded quartzite fragment.												
		69.34 .6 m gray granular bedded quartzite fragment.												
		75.74 38 cm gray granular bedded quartzite fragment.												
		74.06 .6 m disseminated pyrite in pink quartzite. 5% ⁺ pyrite.												
		82 20 cm fragment and/or band of gray granular quartzite.												
		85.64 35 cm gray granular quartzite fragment containing quartz fragments.												
		87.17 30 cm gray granular quartzite fragment @ 58° [±] .												
		89.3 .6 m gray granular quartzite fragment - "digested".												
		91.7 15 cm patch of dark green chlorite mixed with pale pink quartzite and quartz. Minor massive beads cpy.												
		93.57 17 cm gray granular bedded quartzite fragment. Bedding @ 45°.												
		93.57 - 98.73 Salmon pink quartzite breccia. Random small (less than 10 cm) gray green granular quartzite fragments.												
		98.73 - 128.63 Pale pink and gray quartzite breccia. 70% [±] pink and pearly gray quartzite fragments with milk white quartz-carbonate matrix material.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
29.26	128.63	<u>QUARTZITE - Gray & Pink</u> cont'd												
		98.73 - 128.63 30% [±] gray granular quartzite fragments of various sizes. Slips @ 50° [±] .												
		95.85 2 cm irregular patch of massive cpy.												
		96.0 30 cm zone with deep hematitic stained slips @ 28° [±] .												
		97.38 Deep hematitic stained slip @ 28° [±] .												
		104.5 20 cm gray granular quartzite fragment.												
		109.1 3 m gray granular quartzite fragment. bedding @ 85° some included pale pink quartzite.												
		121 1.2 m gray granular bedded quartzite fragment with included gray quartzite fragments.												
		126.3 1.5 cm seam of pale granular pyrite in milk white quartz.												
		127.7 8 cm zone with 50% massive granular pale pyrite.												
128.63	140.8	<u>QUARTZITE BRECCIA - Salmon Pink</u>												
		Salmon pink porphyritic granular quartzite fragments with random narrow fragments of gray granular quartzite and 5% [±] milk white quartz-carbonate fragments.												
		Random massive irregular patches of pale granular pyrite.												
		3% [±] pyrite in random seams and patches.												
		132.4 Slip @ 75° with intense hematitic staining adjacent to 9 cm gray granular quartzite fragment.												
		134.1 Slip @ 40° with hematitic staining.												
		1.34.1 - 140.8 Series of prominent slips with chloritic and hematitic coatings from 40 - 60°. gradational contact.												



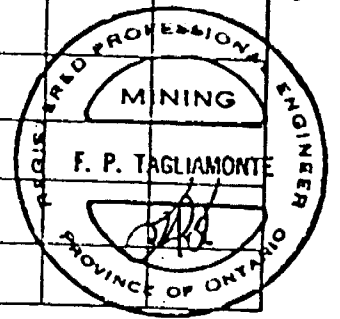
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
140.8	160.6	<u>QUARTZITE (Lorrain)</u>												
		Bedded fine and coarse granular quartzite.												
		Random bands and patches with hematitic staining.												
		Local zones of vuggy quartzite.												
		40% hematitic staining.												
		Numerous fractures from 40 - 65°.												
		Several with limonitic staining.												
	160.6	<u>END OF HOLE</u>												
		Hole cemented. Casing removed.												
		<i>Frank P. Tagliamonte P. Eng.</i>												



FOOTAGE		DESCRIPTION	SAMPLF NO.	FOOTAGE		SAMPLE LENGTH	ASSAY		
FROM	TO			FROM	TO		Au		
		<u>SAMPLING AND ASSAYING</u>	837-1	29.26	32.16	2.89		.014	
			-2		35.05	2.89		.002	
			-3		37.79	2.75		.010	
			-4		40.84	3.05		.004	
			-5		43.59	2.75		.012	
			-6		46.33	2.74		Tr	
			-7		49.38	3.04		.008	
			-8		52.43	3.04		Tr	
			-9		55.32	2.89		.002	
			-10		58.22	2.89		Tr	
			-11		61.26	3.04		Tr	
			-12		64.16	2.9		Tr	
			-13		67.21	3.05		fr	
			-14		70.10	2.89		Tr	
			-15		72.99	2.89		Tr	
			-16		75.59	2.60		.004	
			-17		78.64	3.05		.002	
			-18		81.53	2.89		.002	
			-19		84.43	2.89		Tr	
			-20		87.47	3.04		.002	
			-21		90.22	2.75		Tr	
			-22		93.26	3.04		.006	



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO		Au	
		SAMPLING AND ASSAYING cont'd	837-23	93.26	96.16	2.90		
			-24		98.60	2.44	.056	
			-25		101.80	3.2	.002	
			-26		104.69	2.9	.004	
			-27		107.59	2.9	.004	
			-28		110.6	3.05	.006	
			-29		113.54	2.94	Tr	
			-30		116.58	3.05	Tr	
			-31		119.48	2.90	.002	
			-32		122.53	3.05	.004	
			-33		125.58	3.05	.006	
			-34		128.32	2.74	.002	
			-35		131.36	3.05	.054	
			-36		134.11	2.75	.018	
			-37		137.16	3.05	.006	
			-38		139.75	2.59	.010	
			-39		141.27	1.52	.004	
							.002	



DDH # WL83-7 - 70° 160.6 (527)

+ 1 + 00N

3 + 50E

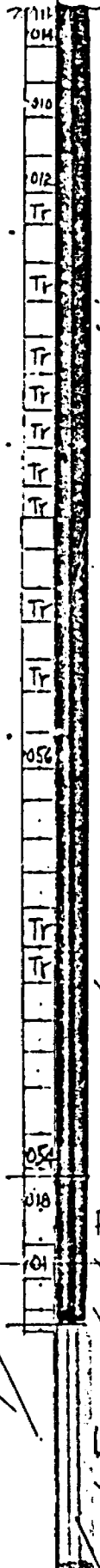
Wolf Lake Project
Mackelcan township - Sudbury Area
Ontario

DDH # WL83-7 CROSS-SECTION

SCALE: 1:500
DATE: February 1983

FPT

82' - 25

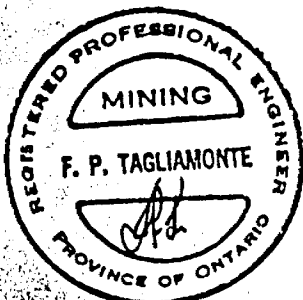


328' - 100m

410' - 125

492' - 150

160.6 (527')



Assay blanks range from .002-.008 oz Au

DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

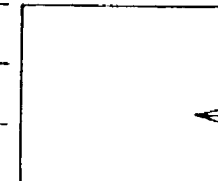
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-8 PAGE 1

LATITUDE 0 + 50N BEARING OF HOLE _____ STARTED 17 Feb. 1983

DEPARTURE 3 + 00E DIP OF HOLE -90° COMPLETED 18 Feb. 1983

ELEVATION lake level DIP TESTS _____ DEPTH 60.04m (200')



CLAIM No. S 472926

DIRECTION AND DISTANCE FROM
NE. CLAIM POST

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	33.5	CASING											
33.5	60	QUARTZITE (Lorrain)											
		Gray-green generally uniformly granular quartzite. Variations as noted.											
		33.5 - 41.76 Faint hematitic stained bands. Local vuggy sections. Slips @ 45°±.											
		40.23 25cm limonitic zone.											
		41.3 30cm chalk white granular, earthy kaolinitic zone.											
		44.8 .76m zone of chalk white, earthy kaolinitic quartzite. Vague bedding 70°.											
		54.7 25cm chalk white, earthy kaolinitic zone.											
60.04		END OF HOLE											
(200')													



DIAMOND DRILL RECORD

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PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-10 PAGE 1

LATITUDE 0 + 00 BEARING OF HOLE _____ STARTED 18 Feb. 1983

CLAIM No. S 472926

DEPARTURE 2 + 00E DIP OF HOLE -90° COMPLETED 19 Feb. 1983

DIRECTION AND DISTANCE FROM

ELEVATION lake level DIP TESTS _____ DEPTH 61.26m (201')

NE. CLAIM POST

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO					
0	21.6	<u>CASING</u>								
21.6	61.26	<u>QUARTZITE (Lorrain)</u>								
		Gray-green granular, bedded quartzite. Alternating bedds of fine and conglomeritic quartzite.								
		Bedding generally @ 50 - 55°±.								
		26.5 Oxidized slip @ 10°±. 28.95 Slip @ 50°± with oxidized surface.								
		31.39 19 cm finely bedded quartzite band or fragment? with slip boundaries @ 60° gouge along slips. Bedding @ 60°.								
		33.5 Series of slips @ 35°.								
		37.2 Slip @ 65° with limonitic coating on slip faces. Adjacent to a 6 cm band of faint hematitic alteration.								
		45.4 15 cm zone of limonitic staining adjacent of slip @ 40°.								
		49.98 24 cm bed of very fine grained quartzite @ 55°. Sharp slip contacts. 20 cm adjacent conglomeritic zone with faint hematitic staining.								
61.26 (201')		<u>END OF HOLE</u>								
		Casing removed.								



DIAMOND DRILL RECORD

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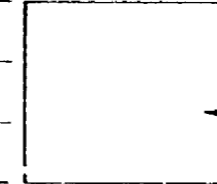
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-11 PAGE 1

LATITUDE 0 + 50N BEARING OF HOLE _____ STARTED 20 Feb. 1983

DEPARTURE 3 + 50E DIP OF HOLE -90° COMPLETED 21 Feb. 1983

ELEVATION lake level DIP TESTS _____ DEPTH 47.24m (155')

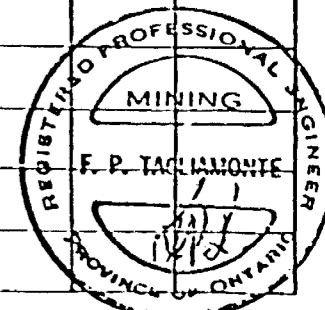


CLAIM No. S 422926
 ↑
 N
 ← DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

BORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philiboon Diamond Drilling Inc. Rouyn, Quebec

meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	47.24	CASING											
	(155')	no rock											
		(hole abandoned)											



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

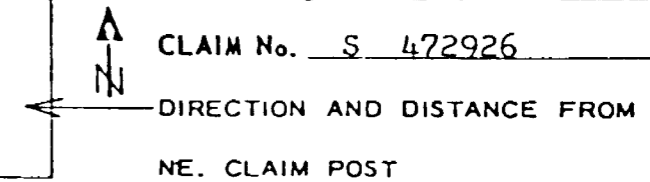
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario.

D.D.H. No. WL83-12 PAGE 1

LATITUDE 1 + 25N BEARING OF HOLE _____ STARTED 22 Feb. 1983

CLAIM No. S 472926

DEPARTURE 3 + 25E DIP OF HOLE -90° COMPLETED 25 Feb. 1983



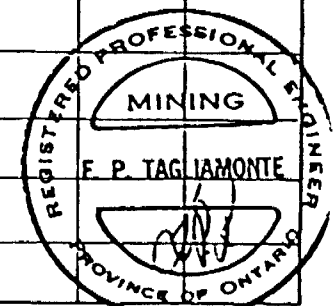
ELEVATION lake level DIP TESTS 40' - 90°; 390' - 87°30' DEPTH 120.4 m (397')

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

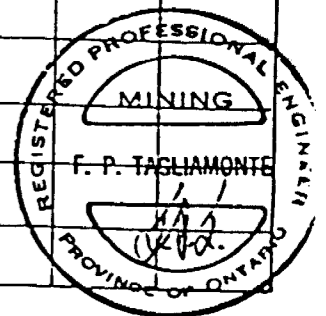
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	11.28	<u>CASING</u>											
11.28	110.64	<u>QUARTZITE - Gray and Pink Quartzite Breccia</u> Intermixed defined and blended unsorted gray granular, pale pink, and gray quartzite fragments. Variable but locally up to 10% milk white quartz-carbonate matrix fragments, irregular bands and occasionally veinlets. Numerous fractures generally from 50 - 60°. Random irregular small pale yellow granular pyrite and fine irregular massive chalcopyrite. Variations as noted.											
	11.28 - 17.68	<u>Kaolinitic Zone.</u> Decomposed, vuggy chalk white and hematitic stained bands intermixed with vuggy, irregular milk white quartz fragments. Random patches of chalcopyrite and granular pale yellow pyrite throughout 2% sulphides.											
	17.68 - 22.25	<u>Salmon pink quartzite with 5% milk white quartz-carbonate.</u> Random irregular patches of pyrite with minor chalcopyrite.											
	17.52	<u>37 cm gray quartzite fragment.</u>											
	20.87	<u>.6 m zone of gray granular quartzite fragments intermixed with milk white quartz.</u> <u>90% gray quartzite.</u>											



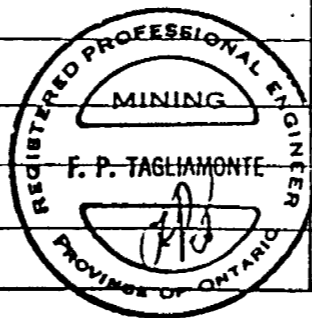
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
11.28	110.64	<u>QUARTZITE - Gray and Pink Quartzite Breccia cont'd</u>												
		21.94 30 cm zone with limonitic stained slips @ 45°.												
		30.18 - 35.36 [±] Salmon pink quartzite zone with 60% gray granular quartzite fragments. Numerous slips @ 60°.												
		31.55 12 cm zone with 25% disseminated granular pyrite.												
		35.36 [±] - 95.10 Pale pink and gray quartzite breccia. Random unsorted fragments of gray-green granular quartzite. Up to 10% milk white quartz-carbonate matrix material. Sparse fine granular pyrite. Rare random fine cpy. Less than 1/4% sulphides. Random patchy areas with pale and dark green sparse chloritic material as wispy bands, very fine fragments or as pepper flakes. 5% ⁺ faint chloritic patchy areas.												
		78.33 Irregular 3 cm splash of cpy.												
		92.05 Irregular 3 cm splash of cpy.												
		Gradational color change contact.												
		95.10 - 110.64 <u>Salmon Pink Quartzite Breccia</u>												
		Generally massive granular pink quartzite with 5% ⁺ banded fine and medium granular gray quartzite with generally defined contacts. Random fine discontinuous seams of pyrite. Less than 1/4% pyrite. Random sparse milk white quartz-carbonate generally are fine stringers @ 80° [±] . Stringers cut the salmon pink quartzite and the gray granular fragments. Numerous fractures at all angles. Most @ 65° [±] .												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
110.64	120.4	<u>QUARTZITE Lorraine</u>												
		Gray granular quartzite-contaminated.												
		Fractured, kaolinitic, limonitic, hematitic, vuggy quartzite in irregular zones or bands.												
		Intensely fractured.												
	110.95	4 cm gouge zone - limonitic.												
	110.95-114.3	Kaolinitic zone.												
		Chalk white kaolinitic quartzite, locally vuggy with bands of limonitic a faint hematitic staining.												
		Fractures @ 30° and 65°+.												
	114.3 - 120.4	Gray granular quartzite with bands of deep hematitic staining.												
		Numerous fractures @ 60°+.												
120.4		<u>END OF HOLE</u>												
(397')		Cemented. Casing removed.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
FROM	TO			FROM	TO		Au				
		SAMPLING AND ASSAYING	8312-1	11.28	14.02	2.74	.008				9.0
			-2		17.37	3.35	.012				11.0
			-3		20.57	3.2	.020				10.5
			-4		23.3	2.73	.046				9.0
			-5		26.2	2.9	.002				9.6
			-6		29.11	2.9	.002				9.5
			-7		32.00	2.89	.006				9.5
			-8		35.05	3.05	.004				10.0
			-9		37.64	2.59	.004				8.5
			-10		40.54	2.9	.006				9.5
			-11		43.43	2.89	Tr				9.5
			-12		46.33	2.89	Tr				9.5
			-13		49.53	3.2	.006				10.5
			-14		52.12	2.59	Tr				8.5
			-15		55.02	2.89	Tr				9.5
			-16		57.91	2.89	Tr				9.5
			-17		60.81	2.89	Tr				9.5
			-18		63.86	3.05	Tr				10.0
			-19		66.59	2.74	.002				9.0
			-20		69.49	2.90	.004				9.5
			-21		72.39	2.9	.004				9.5
			-22		75.29	2.9	.002				9.5



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO		Au				
		SAMPLING AND ASSAYING cont'd	8512-23	75.29	78.18	2.89	.006				
			-24		81.08	2.89	.002				
			-25		84.12	3.04	.004				
			-26		86.87	2.75	.002				
			-27		89.92	3.05	.004				
			-28		92.81	2.89	.006				
			-29		95.71	2.89	.002				
			-30		98.76	3.04	.010				
			-31		101.65	2.89	.002				
			-32		104.5	2.89	.010				
			-33		107.4	2.94	.022				
			-34		110.49	3.09	.014				
			-35		113.23	2.74	.010				



DIAMOND DRILL RECORD

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PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-16 PAGE 1

LATITUDE 1 + 75N BEARING OF HOLE Az090° STARTED 2 March 1983

CLAIM No. S 422926

DEPARTURE 2 + 35E DIP OF HOLE -60° COMPLETED 4 March 1983

DIRECTION AND DISTANCE FROM

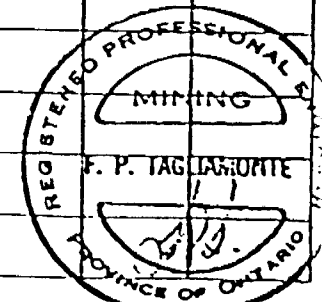
mainland 20'± above

ELEVATION lake level DIP TESTS _____ DEPTH 99.62 m (327')

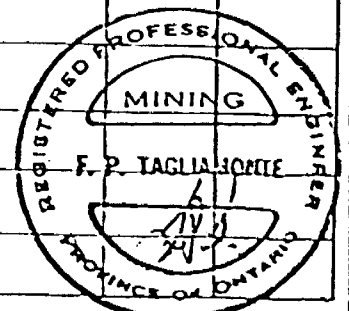
NE. CLAIM POST

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

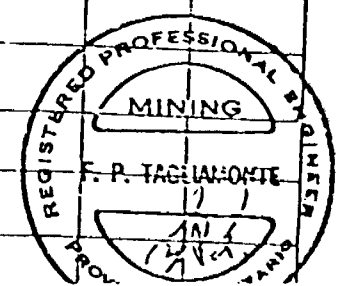
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	5.49	CASING											
5.49	49.68	QUARTZITE Lorrain											
		Gray-green granular alternating coarse and fine grained beds. Locally conglimeritic.											
		Multiple fracturing from 35 - 60'. Most in 45 - 55° range. Bedding generally @ 55°±.											
		38.7 - 41.75 Series of limonitic stained slips @ 25°±. 44.2 20 cm fracture zone fracturing @ 50 - 60°.											
		41.75 - 49.68 Random bands from 5 - 15 cm of faint pink staining. 49.1 3 cm quartz-carbonate stringer @ 82°.											
49.68	57.3	QUARTZITE BRECCIA - Mineralized - Brick Red											
		Salmon pink to brick red quartzite breccia.											
		Generally massive fine grained feldpathic (arkosic) quartzite with random irregular fragments of milk white quartz-carbonate. 5%± quartz-carbonate.											
		Random fragmented patches of pale granular pyrite and splashes of chalcopyrite usually associated with the quartz-carbonate. Upper contact @ 60°.											
		Random small fragments of dark gray green (Lorrain) quartzite. 1%± gray-green quartzite fragments.											



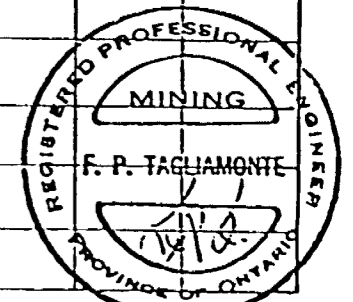
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
49.68	57.3	QUARTZITE BRECCIA - Mineralized - Brick Red cont'd 3% ⁺ sulphides: pyrite, chalcopryrite. Variations as noted.												
	49.68 - 50.29	Kaolimitic zone. Vuggy, limonitic and decomposed.												
	53.34	3 cm irregular patch of granular pyrite.												
	54.1	5 cm Lorrain? quartzite fragment @ 50°.												
	54.4	14 cm zone with 2 cm wide irregular milk white quartz-carbonate stringer with patchy clusters of granular pyrite.												
	54.7	3 cm quartz-carbonate stringer @ 30° with patchy clusters of granular pyrite.												
	54.86	2 cm seam of fragmented granular pyrite @ 45°. Visible bead gold.												
	54.86 ⁺	50 cm zone with 40% ⁺ milk white quartz-carbonate fragments. Massive patches of granular pyrite and chalcopryrite in quartz-carbonate. 15% sulphides in zone.												
	55.17	Speck of v.g.												
	55.93	40 cm zone containing 30% milk white quartz-carbonate with massive patches of chalcopryrite and granular pyrite. 15% ⁺ sulphides.												
	57.3	Series of 3 hemitized slips @ 55°.												
	57.3'	37 cm zone of weakly hemitized quartzite. Intersecting hairline threads of seririte?												
	57.6	Slip with oxidized surface @ 60'.												
	58.8	Slips @ 30°.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
57.3	99.67	QUARTZITE Lorraine												
		as above.												
		60.6 Bedding @ 55°.												
		Random bands of faint pink hematite staining throughout.												
		Hematitic staining appears to parallel the bedding from 30 - 35°.												
		Numerous fractures from 30 - 70°.												
		Most @ 40°.												
	99.67	END OF HOLE												
	(327')													



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				f
FROM	TO			FROM	TO		Au				
		<u>SAMPLING AND ASSAYING</u>	8316-1	49.68	51.36	1.67	.006				5.
			✓ -2		52.73	1.37	.068				4.
			.122/ -3		54.25	1.52	.046				5.
			/19.5' -4		55.78	1.53	.340				5.
			✓ -5		57.3	1.52	.030				5.
			-6		58.82	1.52					5.
				(162.5)	(182)						
				51.36	57.30		.122/19.5'				



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY# FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H.No. WL83-18 PAGE 1

LATITUDE 1 + 25N BEARING OF HOLE Az 090° STARTED 5 March 1983

CLAIM No. S 472926

DEPARTURE 2 + 38E DIP OF HOLE -60° COMPLETED 7 March 1983

DIRECTION AND DISTANCE FROM

ELEVATION mainland 20+ above lake level DIP TESTS _____ DEPTH 139.29m (454')

NE. CLAIM POST

CORE SIZE RXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	2.44	CASING												
2.44	46.02	QUARTZITE Lorrain												
		Gray-green granular. Alternative fine and granular beds. Local akosic beds - pink feldspar fragments. Fracturing & slips from 45 - 60°. Bedding from 45 - 55°. Variations as noted.												
	2.44 - 6.1	Sudbury breccia Random charcoal gray "swirly" fragments with disseminated silica beads.												
	6.1 - 7.9	Pink quartzite fragment.												
	7.49	9cm fragment of chalk white earthy kaolinitic quartzite.												
	7.9	14cm gray finely bedded quartzite fragment with 2-2cm quartz stringers at each contact containing disseminated pyrite and chalcopryrite.												
	19.8	Slips with slickensides @ 55°.												
	20.4 - 32	Intermittent bands and patches of hematitic red staining. Local faintly kaolinitic zones - pitted core. Numerous slips @ 35°. Bedding @ 45°.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
2.44	46.02	<u>QUARTZITE Lorrain</u> cont'd											
		37.8 - 43.59 Limonitic and hematitic stained bands. Local kaolinitic patches.											
46.02	47.55	<u>QUARTZITE Pink</u> Fragment											
		Pink, kaolinitic quartzite. Locally kaolinitic. Disseminated pyrite throughout. Pyrite pitted on core surface.											
		5%± sulphides. Irregular upper contact. Lower slip contact @ 60°±.											
47.55	139.29	<u>QUARTZITE Lorrain</u>											
		Gray-green granular.											
		Alternating beds of coarse and fine grained gray-green quartzite.											
		Bands and patches of limonitic and hematitic staining throughout.											
		Numerous fractures-most bedding plain fractures.											
		47.85 Series of bedding plain slips @ 60°.											
		69.19 9cm gouge zone @ 60°.											
		78.64- 84.43 Weakly mineralized, hematized zone. Mixed hematitic and limonitic stained zone. Local with random 1cm quartz stringers @ 50°. Patchy zones of disseminated pyrite. Locally kaolinitic.											
		Patchy areas of pitted and decomposed core.											
		83.52 3cm pyritic gouge zone stained hematitic red.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
47.55	139.29	QUARTZITE Lorrain cont'd												
		92 Series of bedding plain slips @ 60°.												
		84.43-139.29 Intermittent bands and patches of pale and bright hematitic staining. Local conglomeritic beds with fragments up to 1.5cm. Local areas of kaolinitic and pitted core. Local areas of limonitic staining - generally associated with water - bearing fractures. Numerous fractures - most along bedding plains.												
		112.16-116.13 Fractured and broken limonitic conglomeritic quartzite.												
		136.2 -139.29 Random bands of deep hematitic red staining. Pitted core surfaces.												
	139.29	END OF HOLE												
	(454')	casing in hole.												



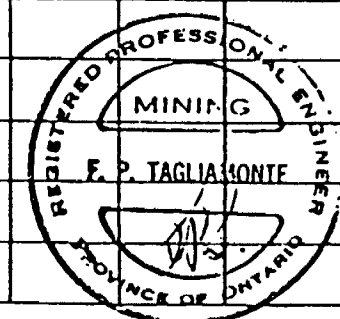
DIAMOND DRILL RECORD

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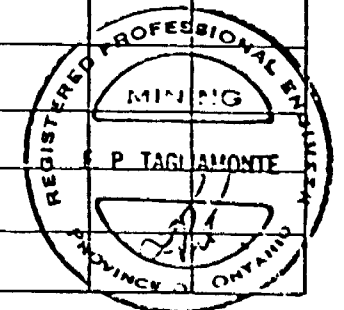
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario (WL81-20) PAGE 1
 D.D.H. No. WL83-20
 LATITUDE 1 + 35N BEARING OF HOLE _____ STARTED 7 March 1983 CLAIM No. S 472926
 DEPARTURE 2 + 90E DIP OF HOLE -90° COMPLETED 11 March 1983 DIRECTION AND DISTANCE FROM
 ELEVATION lake level DIP TESTS 1000' - 55° DEPTH 305.10m (1001') NE. CLAIM POST
 CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
 meters



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	134.42	Bottom of DDH#WL81-20 ----- deepened as hole #WL83-20											
134.42	305.10	QUARTZITE Lorrain											
		Alternating fine, granular and conglomeritic beds of gray-green quartzite.											
		Variably fractured - most along bedding plains.											
		Bedding from 60°.											
		Variations as noted.											
		157.28-175.87 Series of hematitic stained seams and bands throughout parallel to bedding. 15%+ hematitic staining.											
		167.64 Limonitic coated slip @ 40°											
		176.32 1m band of thinly bedded quartzite @ 60°.											
		186.54-200.25 Series of hematitic stained seams and bands parallel to bedding throughout. 15%+ hematitic staining. Bedding @ 60°. Random fractures @ 30°. Hematitic bands have pitted core surfaces.											
		223.57 1.8m bed of finely bedded quartzite @ 65°.											
		234.24 10cm band of fine bedded quartzite @ 65°											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
134.42	305.10	QUARTZITE Lorrain cont'd												
		cut by 2 - .5cm quartz veinlets.												
		236.83 2.7m zone with 25% patches and bands of hematitic staining. Pitted core surfaces.												
		249 2.7m zone with slips parallel to core.												
		249.02-255.12 Series of fine black magnetite threads @ 63°±.												
		255.42 40cm fragmented pink quartzite fragment.												
		260.6 Finely bedded quartzite @ 63°±.												
		267.6 18cm pink quartzite fragment adjacent to a series of fractures @ 55°.												
		281.94 Bedding and bedding plain slips @ 70°.												
		288.64 3m zone of pale pink arkosic granular quartzite.												
		291.39 2cm quartz-carbonate stringer @ 65°.												
		294.74-301.75 Series of pale pink quartzite fragments.												
		295.66 1.2m pink arkosic quartzite fragment cut by numerous slips @ 54°.												
		300.5 2cm jaspelite fragment in pink granular arkosic quartzite.												
		303.89 Bedding @ 70°.												
	305.10	END OF HOLE												
	(1001')													



DIAMOND DRILL RECORD

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PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-23 PAGE 1

LATITUDE 2 + 50N BEARING OF HOLE _____ STARTED 12 March 1983

CLAIM No. S 172926 551335

DEPARTURE 4 + 50E DIP OF HOLE -90° COMPLETED 13 March 1983

DIRECTION AND DISTANCE FROM

ELEVATION lake level DIP TESTS _____ DEPTH 66.14 m (217')

NE. CLAIM POST

ORE SIZE BX0 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	21.95	CASING												
21.95	66.14	QUARTZITE Lorrain												
		Gray granular quartzite.												
		Alternating beds of conglomeritic and finely bedded quartzite.												
		Random bands and patches of faintly pink feldspathic conglomeritic quartzite.												
		Variations as noted.												
		Bedding from 50° -												
	22.86	1.5m zone of kaolinitic, earthy, weathered quartzite. Random limonitic staining.												
	24.1	1.5cm quartz stringer @ 55°.												
	29.57	4cm band of thinly banded quartzite @ 45°.												
	34.59	2 - 1cm quartz-carbonate stringers 9cm apart @ 45° in thinly bedded quartzite.												
	41.45	1cm quartz-carbonate stringer @ 45°.												
	37.19	Bedding @ 45°.												
	46.63 - 49.38	Random patches of pale pink staining.												



DIAMOND DRILL RECORD

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PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WL83-24 PAGE 1

LATITUDE 87.8N BEARING OF HOLE Az - 360° STARTED 21 March 1983

CLAIM No. S 422926

DEPARTURE 1 + 00E DIP OF HOLE -50° COMPLETED 22 March 1983

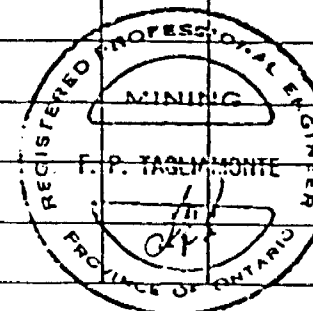
DIRECTION AND DISTANCE FROM

ELEVATION Mainland DIP TESTS _____ DEPTH 69.80m (229')

NE. CLAIM POST

CORE SIZE BX0 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.83	CASING											
1.83	69.80	QUARTZITE Lorrain											
		Gray-green granular quartzite, locally conglomeritic subjected to 'Sudbury type' brecciation throughout the entire length of the hole.											
		Local 'swirly' vesicular-like irregular bands and threads cutting the granular quartzite.											
		Multiply fractured.											
		Fractures from 20 - 65°. Most @ 50°.											
		Most of the fractures are limonitic stained.											
	12.19	20cm zone with irregular swirly patch of charcoal gray siliceous cherty pyritic material caught up in Sudbury breccia fragment.											
	18.9	5cm vuggy quartz stringer @ 40°.											
	61.56	2.1m zone of intensely limonitic stained fractures.											
		Fractures generally @ 45°.											
		Some fractures sub parallel to core.											
	61.56 - 69.80	Multiple fracturing throughout.											
		Most @ 60°±.											
69.80		END OF HOLE											
(229')		Casing in hole.											



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WT.83-24A PAGE 1

LATITUDE 0 + 88N BEARING OF HOLE _____ STARTED 22 March 1983

CLAIM No. S 472926

DEPARTURE 1 + 00E DIP OF HOLE -90° COMPLETED 28 March 1983

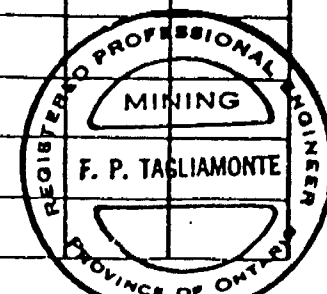
DIRECTION AND DISTANCE FROM

ELEVATION Mainland DIP TESTS _____ DEPTH 122.83m (403')

NE. CLAIM POST

CORE SIZE PXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

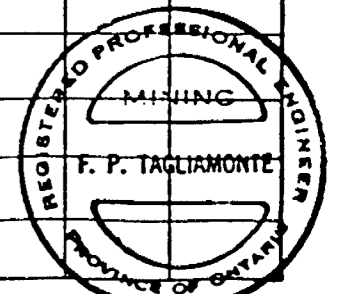
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.83	CASING											
1.83	56.33	QUARTZITE Lorrain											
		Gray-green granular quartzite.											
		'Quartzite Sudbury brecciated', Swirly vesicular-like bands and threads.											
		Random irregular charcoal gray siliceous fragments intermixed in the Sudbury Breccia and gray-green quartzite. Irregular patches and threads of fine granular pyrite and minor chalcopryite in the charcoal gray fragments.											
		5.49 31cm charcoal gray siliceous fragment with patchy irregular seams and masses of fine granular pyrite and minor copyrite.											
		7.01 Irregular patches and seams of charcoal gray and pearly white quartz with fine grained pyrite and chalcopryite for 61cm along core.											
		7.77 - 8.53 50% irregular charcoal gray and pearly white frag- ments in otherwise gray-green Sudbury breccia quartzite.											
		7.9 5cm section of fine disseminated pyrite and cpy. in vuggy quartz.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
1.83	56.39 [±]	QUARTZITE Lorrain cont'd											
		9.45 31cm zone of fragmented nearly quartz-caroonate with patchy very fine grained pyrite and minor seams of fine cpy, on end of section. 2 pencil point beads of visible gold at approximate center of section. Numerous limonitic coated slips.											
		13.72 Irregular fragment of hard black cherty quartz material with sparse fine pyrite.											
		26.67 Thin seam of granular pyrite @ 45°.											
		33.23 .6m zone with series of limonitic coated slips from 45 - 55°.											
		35.37 - 37.80 Weakly kaolinitic zone. Vuggy.											
		53.64 Bedding @ 48° and 78°.											
		55.17 Bedding @ 50°.											
56.39 [±]	122.83	QUARTZITE Lorrain											
		Gray-green granular. Alternating beds of fine bedded and conglomeritic quartzite.											
		Local zones of weakly kaolinitic pitted and vuggy material.											
		61.87 - 65.23 Weakly kaolinitic, vuggy conglomeritic quartzite.											
		66.45 46cm zone of weakly kaolinitic, vuggy, conglomeritic quartzite. Limonitic slips @ 40°.											
		76.81 Fragment of 'Sudbury type' breccia.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO						
56.39 [±]	122.83	QUARTZITE Lorrain cont'd									
		81.07 - 87.78 Numerous limonitic stained low angle slips.									
		89.92 Bedding @ 55°.									
		92.96 Slips along core.									
		101.19 Bedding @ 65°.									
		110.95 1.5m zone of fragmented core with gouge accumulations. Possible fault zone.									
		117.35 4.27m zone with random 'Sudoury Breccia' type fragments.									
		119.02 Hematite coated slip @ 60°.									
		119.79-122.83 Weakly kaolinitic, vuggy, conglomeritic quartzite. Series of slips from 50 - 60°.									
122.83		END OF HOLE									
(403')		Casing in Hole.									



DIAMOND DRILL RECORD

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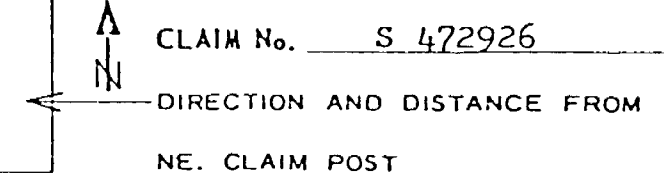
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. WI.83-24B PAGE 1

LATITUDE 87.8N BEARING OF HOLE Az 360° STARTED 24 March 1983

CLAIM No. S 472926

DEPARTURE 1 + 00E DIP OF HOLE -50° -70° COMPLETED 25 March 1983



ELEVATION Mainland DIP TESTS _____ DEPTH 10.06m (33')

CORE SIZE BX0 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.83	CASING											
1.83	10.06	QUARTZITE Lorrain											
		Gray-green granular quartzite.											
		Fragments of Sudbury type breccia.											
10.06		END OF HOLE											
(33')		Casing removed.											



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H.No. WL83-24C PAGE 1

LATITUDE 87.8N BEARING OF HOLE Az - 090° STARTED 26 March 1983

CLAIM No. S 472926

DEPARTURE 1 + 00E DIP OF HOLE -50° COMPLETED 26 March 1983

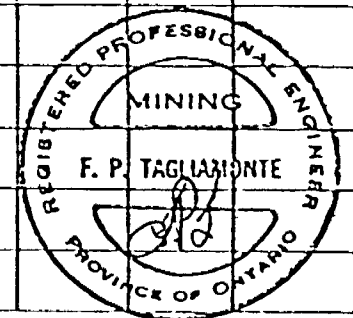
← DIRECTION AND DISTANCE FROM

ELEVATION lake level DIP TESTS _____ DEPTH 23.16m (76')

NE. CLAIM POST

CORE SIZE BX0 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY	
FROM	TO			FROM	TO			
0	2.44	CASING						
2.44	23.16	QUARTZITE Lorrain						
		Gray-green quartzite.						
		Alternating beds of fine and conglomeritic quartzite intermixed with fragments of 'Sudbury Type' breccia.						
		4.5 2.1m zone with random swirly dark charcoal gray quartzose fragments.						
		12.50 3cm milk white quartz stringer.						
		16.76 36cm zone of finely bedded quartzite with irregular hematitic staining.						
23.16		END OF HOLE						
(76')		Casing removed.						



DIAMOND DRILL RECORD

LOGGED BY E.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. 171.83-25 PAGE 1

LATITUDE 0 + 88N BEARING OF HOLE Az 270° STARTED 30 March 1983

CLAIM No. S 472926

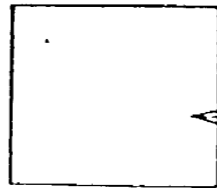
DEPARTURE 1 + 14.5E DIP OF HOLE -1.50 COMPLETED 8 April 1983

DIRECTION AND DISTANCE FROM

ELEVATION Mainland DIP TESTS _____ DEPTH 63.09m (207')

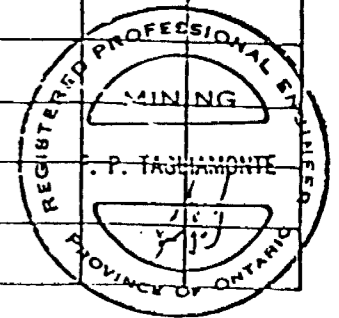
NE. CLAIM POST

CORE SIZE RYO DIAMOND DRILL CONTRACTOR Les Forages Philouon Diamond Drilling Inc. Rouyn, Quebec



Notes

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	1.83	CASING												
1.83	63.09	QUARTZITE Lorrain												
		Gray-green granular, slightly altered, partly bedded, brecciated (Sudbury breccia) quartzite.												
		Alternating fine conglomeritic beds and fine granular beds. Bedding @ 55°± but variable throughout.												
		Numerous fractures cross-cutting bedding but some bedding plain fractures.												
	1.83 - 25.91	Numerous 'Sudbury Breccia' type fragments throughout.												
	6.10 - 10.97	Random series of 2 cm± bands of weakly hematitic stained conglomeritic and Sudbury brecciated quartzite.												
	10.06	2cm vuggy quartz-carbonate stringer @ 15°±.												
	25.91 - 63.09	'Somewhat Altered Quartzite' Granular character of quartzite appears to be congealed and the horizon is cut by vague irregular hair-like micro fractures. (a possible border feature of the Sudbury breccia?)												
	53.19	Limonitic stained fracture zone. Broken core. Possible fault zone.												



DIAMOND DRILL RECORD

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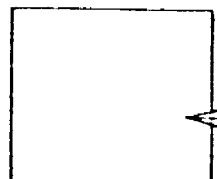
PROPERTY FLAG RESOURCES LTD., Mackelcan, Ontario

D.D.H. No. WL83-28 PAGE 1

LATITUDE 0 + 06.5S BEARING OF HOLE -0- STARTED Sept. 16, 1983

DEPARTURE 0 + 66.5E DIP OF HOLE -90° COMPLETED Sept. 21, 1983

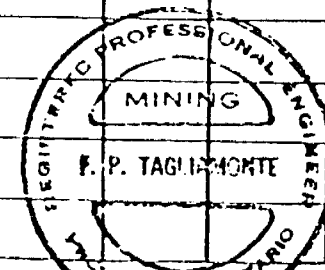
ELEVATION 30'± above Wolf Lake DIP TESTS 237' - 90° DEPTH 182.88 (600')



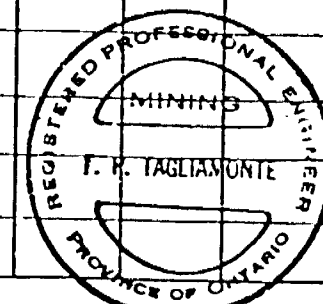
CLAIM No. S472926
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

CORE SIZE BQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Co. Ltd., Rouyn, Quebec

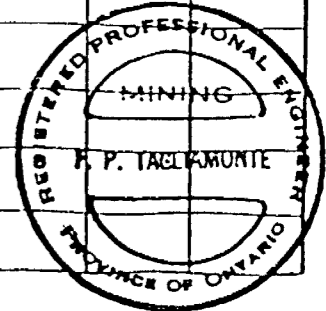
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0.00	0.00	CASING												
0.00	39.93	QUARTZITE Lorrain ?												
		Granular grey-green quartzite. Multiple fractures from 35-50°. Local conglomeritic zone with pearly white quartz pebbles up to 1.5 cm. No readily defineable bedding features.												
	25.30- 36.58	Sudbury Breccia. Random swirly vesicular-like fragments of Sudbury type breccia distributed throughout. Micro fracturing in the intervening somewhat amorphous quartzite generally @ 50°.												
	36.58- 39.93	Patchy dendritic-like areas of deep hematitic alteration.												
39.93	60.05	MINERALIZED BRECCIA ZONE												
		Mixture of: milk white quartz-carbonate fragments with irregular patches of massive Chalcopyrite and minor granular pyrite. Earthy purple covelite? rimming some of the massive chalcopyrite, fragments of hematitic stained kaolinitic quartzite. Local vuggy zones in some quartz-carbonate fragments. Hematitic staining in some vuggs. 50%± quartz-carbonate fragments. 10%± massive patchy chalcopyrite. 5%± pyrite.												
	39.93- 41.15	Series of quartz-carbonate fragments intermixed with kaolinitic and hematitic quartzite.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
39.93	60.05	MINERALIZED BRECCIA ZONE (continued)											
		39.93- 41.15 Quartz-carbonate fragments contain minor chalcopyrite mineralization and numerous vuggs.											
		42.37- 45.11 90% swirly vesicular Sudbury Breccia fragments with minor disseminated pyrite. 14 cm quartz-carbonate fragment at upper portion of zone with massive patches of chalcopyrite.											
		45.11- 60.05 15%± random irregular dendritic-like patches of massive chalcopyrite. Deep indigo blue or purple earthy staining on margins of chalcopyrite. Local vuggy zones. Some local bright emerald green malachite staining. Intervening areas comprise hematitic and limonitic stained earthy kaolinitic quartzite.											
60.05	90.53	<u>QUARTZITE Lorrain ? (Sudbury Breccia)</u>											
		Pale grey-green locally granular Lorrain quartzite with vague areas of Sudbury Breccia.											
		60.05- 71.02 Patchy areas of deep hematitic staining. Series of low angle slips with limonitic staining.											
		67.06 Slip along core with limonitic staining.											
		79.95- 87.48 Weakly kaolinitic patchy hematitic stained quartzite. Pitted core surfaces.											
90.53	182.88	<u>QUARTZITE Lorrain? Bedded</u>											
		Grey-green fine granular massive bedded quartzite. Bedding from 52°-60°. Series of thin conformable seam of black magnetite? randomly distributed through the section. Alternating finely conglomeritic beds and fine granular beds.											
		116.74 6 cm hematitic stained zone.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	Au	Au	Au	Average	Z Cu	Ft.
FROM	TO			FROM	TO		#1	#2	#3			
		SAMPLING AND ASSAYING	WL8328-1	39.93	42.37	2.44	.024	.014	.024	.021	1.12	8.0
			-2		45.11	2.74	.014	.024	-	.019	.35	9.0
			-3		48.16	3.05	.026	.024	-	.025	3.45	10.0
			-4		50.90	2.74	.030	.028	-	.029	2.50	9.0
			-5		53.80	2.90	.078	.062	-	.070	3.80	9.5
			-6		56.64	2.89	.040	.042	-	.041	5.50	9.5
			-7		59.74	3.05	.062	.034	.052	.049	2.75	10.0
			-8		62.64	2.90	.008	.004	.006	.006	.144	9.5
			AVERAGES									
			(1)	131	205.5	74.5	.033				2.5	
			(2)	131	196.0	65.0	.037				2.85	
			(3)	148	196.0	48.0	.043				3.60	
			(1)				.033 oz Au, 2.5% Cu/74.5'					
			(2)				.037 oz Au, 2.85% Cu/65'					
			(3)				.043 oz Au, 3.60% Cu/48'					



DIAMOND DRILL RECORD

LOGGED BY F. P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD., Wolf Lake Project Mackelcan twp., Ontario

D.D.H. No. A 83-5 PAGE 1

LATITUDE 11 + 00S BEARING OF HOLE _____ STARTED 7 May 1983

CLAIM No. S 515304

DEPARTURE 2 + 14E DIP OF HOLE -90° COMPLETED 11 May 1983

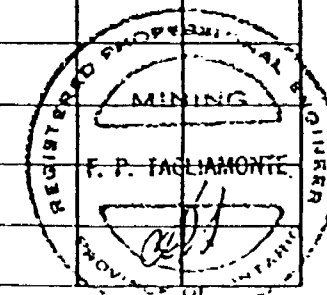
DIRECTION AND DISTANCE FROM

ELEVATION above Jess Lake DIP TESTS 100'-90°; 200'-90°; DEPTH 258.16m (847')

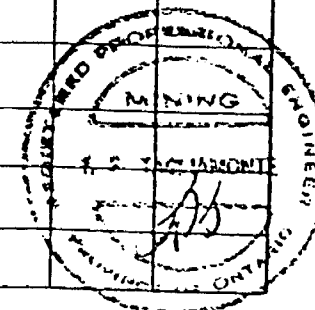
NE. CLAIM POST

CORE SIZE BX9 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

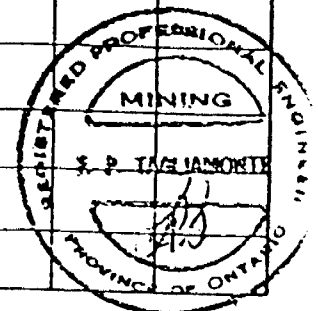
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	4.27	CASING											
4.27	41.97	QUARTZITE Pink											
		Salmon pink generally massive arkosic quartzite. Random narrow silty beds distributed throughout. Seams and patches of pale yellow pyrite randomly distributed throughout. Variation as noted.											
		4.27 - 6.71 Disseminated weakly kaolinitic? flakes.											
		7.0 Irregular 1cm seam of granular pyrite along 10cm of core.											
		8.23 20cm+ pale gray silty bed @ 70°.											
		11.28 25cm slip along core with limonitic staining. Series of prominent slips @ 70°+.											
		11.58 Series of slips along 1m of core @ 25°.											
		12.50 Slip @ 15° .5cm zone of limonitic staining along slip.											
		12.80 1cm seam of granular pyrite @ 150 along 14cm of core.											
		15.85 - 21.95 Series of 2-4cm silty beds @ 75°. Some with slip contacts.											



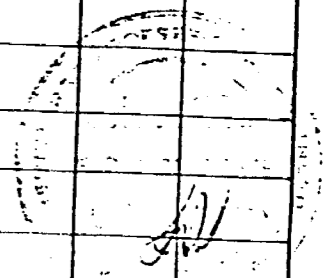
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
4.27	41.97	QUARTZITE Pink cont'd												
		76.5 - 86 Road patches and seams of granular pyrite. 1 st pyrite.												
		28.65 46cm pale gray silt bed at 75°.												
		31.39 Irregular 1cm seam of granular pyrite along 25cm of core.												
		32.30 - 42.37 Random 3-15cm beds of pale gray silty quartzite @ 80°.												
		42.37 24cm pale gray silty bed with criss-cross seams of quartz and thin irregular seams of granular pyrite at lower 5cm of bed.												
41.97	91.29	MINERALIZED ZONE												
		Generally massive salmon pink quartzite. Rare random seam of pale gray silty quartzite. Random patches and seams of milk white quartz-car- bonate distributed throughout. Irregular patches of granular pyrite in quartz patches but also as thin irregular seams and irr- regular small patches in the pink quartzite. 3 rd milk white quartz-carbonate. 2 nd pyrite.												
		Numerous fractures generally @ 70° in upper part of zone.												
		43.59 10cm pale gray silty bed @ 65°.												
		45.72 25cm pale gray silty bed @ 75° with numerous slips.												
		46.44 13cm patch of 30% granular patchy pyrite.												
		49.68 20cm gray silty quartzite bed cut by a 2cm vuggy quartz-carbonate stringer with patches of granular pyrite.												
		51.36 .9m zone patchy pyrite mineralization in pink quartzite- leopard-like texture. 30% pyrite.												
		66.14 - 82.60 Deep salmon pink to brick red? Generally massive quartzite with sparse quartz carbonate fragments. Sparse random seams and beads of granular pyrite												
		Sharp lower contact. Gradational upper contact.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
41.97	91.29	<u>MINERALIZED ZONE</u> cont'd												
		Numerous fractures generally from 50-60° with slickensides and chloritic coating.												
		1 3/4% pyrite. 1/4% quartz carbonate.												
		78.64 10cm - irregular patch of pale green chlorite with minor quartz and patches of granular pyrite.												
		82.60 - 91.29 Mineralized breccia zone. Pale pink quartzite groundmass with 40% fine blue gray quartz carbonate and fine pyrite matrix material. Generally finely fragmented blue gray cherty and sometimes glossy quartz intermixed with fine granular pyrite. 10% quartz. 33+ pyrite.												
		Sharp upper and lower contacts.												
		15cm zone of massive patchy granular pyrite and milk white quartz at upper contact. 12cm pale green silty quartzite bed at lower contacts with slip contacts and thin gouge @ 70°.												
91.29	113.69	<u>QUARTZITE</u> Pale Pink												
		Generally massive pink arkosic quartzite. Random beds of pale beige, fine silty quartzite throughout from 3-61cm. Numerous bedding plain fractures @ 80°±.												
		93.57 38cm pale beige quartzite bed with bedding and slips @ 80°.												
		95.09 12cm pale beige quartzite bed.												
		97.38 20cm pale beige quartzite bed @ 80°.												
		99.67 23cm pretty colored fine grained silty quartzite bed @ 75°.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
91.29	113.69	QUARTZITE Pale Pink cont'd												
		99.97 61cm beige fine granular silty quartzite bed @ 70°.												
		100.58-109.42 Random series of												
		104.24 Slip along 62cm of core.												
		105.76 Slip along 76cm of core 5-20cm bed of gray granular quartzite generally @ 85°.												
		111.25 23cm gray green quartzite bed @ 82°.												
113.69	258.16	QUARTZITE Pale Pink and gray-green												
		Alternating beds of pale pink fine and modestly granular arkosic quartzite and gray-green granular finely bedded quartzite tending to become predominantly gray-green fine and coarse granular bedded quartzite lower in the section. Generally massive bedded quartzite. Bedding generally @ 75°.												
		Occasional bedding plain slip.												
		Random fine interbedded threads and seams of black magnetite throughout. Notably magnetic.												
		Numerous bedding plain fractures.												
		Random cross fractures @ 50°±.												
		162.15-169.77± Broad bands of granitic textured conglomeritic pink and charcoal gray quartzite.												
		178.92-185.62 Series of thin fine hairlike beds of black magnetitic in granular pink arkosic quartzite. Bedding @ 75°.												
		228.9 30cm zone in finely bedded gray quartzite containing a series of .5cm seams of dark and hematitic staining along slips @ 60'.												
	258.16	END OF HOLE												
	(847')	Casing in hole												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO		Au						
		SAMPLING AND ASSAYING	A835-1	23.3	26.21	2.91	.004						
			-2	41.91	44.81	2.9	.002						
			-3		47.70	2.89	Tr						
			-4		50.29	2.59	.002						
			-5		53.34	3.05	.018						
			-6		56.69	3.35	.010						
			-7		59.28	2.59	.014						
			-8		62.18	2.90	.022						
			-9		65.07	2.89	.022						
			-10		68.12	3.05	.012						
			-11		71.01	2.90	.006						
			-12		74.22	3.2	.004						
			-13		76.81	2.6	.004						
			-14		79.86	3.05	.030						
			-15		82.60	2.74	.038						
			-16		85.80	3.25	.022						
			-17		89.30	3.51	.008						
			-18		91.29	1.99	.014						



DIAMOND DRILL RECORD

LOGGED BY E. P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H.No. A83-6 PAGE 1

LATITUDE 11 + 07.5S BEARING OF HOLE _____ STARTED 13 May 1983

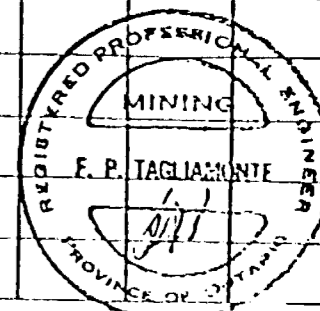
CLAIM No. S 51503A
 DIRECTION AND DISTANCE FROM
 NE. CLAIM POST

DEPARTURE 2 + 54E DIP OF HOLE -90° COMPLETED 17 May 1983

ELEVATION Mainland 10'± above Jess Lake DIP TESTS _____ DEPTH 194.16 (637')

CORE SIZE BYO DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec
 meters

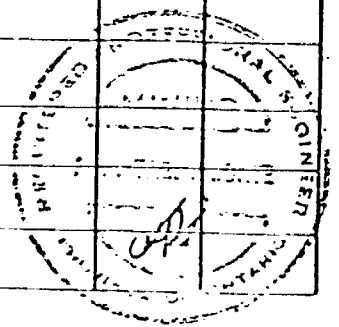
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	4.88	CASING											
4.88	46.94	QUARTZITE Pink											
		Predominantly massive fine to medium grained salmon pink and pale pink quartzite.											
		Random, variable width beds of pale gray green argillaceous quartzite from 5 - 98cm.											
		Random seams, irregular patches, and disseminated patches of pyrite.											
		Variations as noted.											
	4.88 - 9.75	Random series of seams and irregular small patches of pyrite. Seams from .5 - 1cm generally along slips from 15 - 20°.											
	8.10	30cm gray granular argillaceous quartzite bed @ 75°.											
	9.75 - 13.10	Fine disseminated pyrite in massive salmon pink quartzite. 3/5 ⁺ disseminated fine pyrite.											
	14.63	14cm vuggy, decomposed quartzite along slip @ 20°.											
	15.09	30cm vuggy, decomposed, weakly kaolinitic quartzite.											
	16.46	.9cm pale gray granular argillaceous quartzite bed @ 70°.											



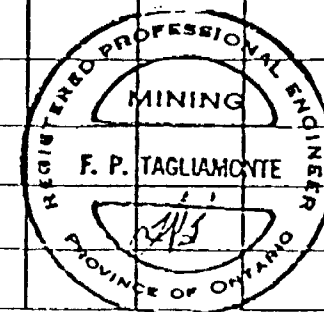
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
4.88	46.94	QUARTZITE Pink cont'd												
		17.37-29.57 Granular arkosic quartzite with sparse fine disseminated pyrite.												
		25.91 .9m gray granular quartzite bed @ 80°.												
		27.13 37cm gray granular quartzite bed @ 75°.												
		32.61 Slip @ 30° with fine granular pyrite.												
		32.77 .5cm seam of fine granular pyrite @ 20°.												
		33.83 20cm bed of pale gray argillaceous quartzite @ 75°.												
		35.36 78cm zone of fractured core with thin seams of fine pyrite.												
		29.57-46.99 Random, sparse, fine disseminated pyrite less than .1%.												
		45.42 98cm gray green argillaceous quartzite bed @ 60°.												
46.94	71.02	QUARTZITE Gray												
		Alternating bed of pale (bleached) granular (granitic textured) pale and pearly gray quartzite interbedded with thinly bedded pale gray green quartzite.												
		Occasional pale pink quartzite bed.												
		Bedding @ 75°±.												
		67.36-71.63 Predominantly gray green granular quartzite. 3 to 4cm quartz veinlets in section @ 50°.												
		Bedded @ 75°±.												
		Gradational lower contact.												
71.02	75.99	QUARTZITE Pink												
		Fine grained, vaguely bedded salmon pink quartzite.												
		Bedding @ 45°±?												
		2 separate 5cm gray granular argillaceous quartzite beds @ 75°.												



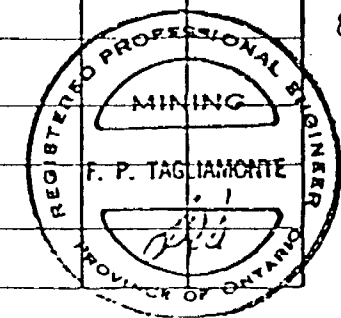
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
25.99	79.25	QUARTZITE Purple tinted Vaguely fragmented purple tinted quartzite. Locally "swirly". Drilled along a very finely pyritic slip that weaves in and out of the core. Patchy disseminated pyrite. Appears to be essentially pink quartzite permeated with a purple colored ingredient. 2 narrow gray green argillaceous beds @ 75° within the zone.												
79.25	85.65	QUARTZITE Pink Pale pink vaguely granular quartzite. Random pale gray green granular argillaceous quartzite beds @ 60°. 84.43 40cm purple tinted pink quartzite zone.												
5.65	128.02	QUARTZITE Pink Salmon pink generally massive but locally granular quartzite. Random bed of gray granular quartzite @ 80°. Sparse rare random patches of disseminated pyrite. Sparse rare random seam of granular pyrite. 85.65-87.78 Fragmented zone. Broken core. Multiple slips generally @ 30°. Series of .5 - 1cm quartz veinlets throughout. 86.26 4cm shear zone @ 40°. 87.48 28cm purple tinted quartzite fragment.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
85.65	128.02	QUARTZITE Pink cont'd											
	87.48-89.92	Random disseminated and patch of pyrite. 1% ⁺ pyrite.											
	102.41-105.16	Milk white quartz carbonate breccia zone inter- mixed with pink quartzite. 50% ⁺ milk white quartz carbonate. 5% ⁺ patchy granular and fine granular pyrite.											
	105.16-112.47	Random seams, patches and beads of granular pyrite. 2% ⁺ pyrite. Sparse milk white quartz carbonate.											
	112.47-114.00	Flakey patches of granular pyrite distributed through a charcoal gray fine sugary quartz zone. 5% ⁺ 'snow flake' patchy pyrite.											
	114.00-128.02	Salmon pink quartzite. Generally massive, vaguely granular. Random seams and patches of granular pyrite. Occasional small. fine milk white quartz fragments. 1% ⁺ pyrite.											
	119.48 89.92	14cm pale gray green quartzite bed @ 60°. 13cm charcoal gray and faintly purple siliceous fragment with clots of granular pyrite. Irregular contacts.											
128.02	194.16	QUARTZITE Pink and gray											
		Alternating variable width beds of pale gray green granular quartzite, fine granular pink quartzite, and mixed gray and pink granitic textured quartzite.											
		Bedding from 70 - 75°.											
		Local patchy areas of granular pyrite.											
	152.10-154.84	Series of isolated irregular patchy areas of granular pyrite in salmon pink quartzite. 3% ⁺ pyrite.											



FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.	
			FROM	TO		Au					
	<u>SAMPLING AND ASSAYING</u>	A836-1	4.88	7.62	2.74	.002					9.0
		-2		9.75	2.14	.006					7.0
		-3		13.72	3.97	.002					13.0
		-4		14.94	1.22	.002					4.0
		A836-5	75.99	79.25	3.26	.014					10.0
		A836-6	87.17	89.92	2.75	.006					9.0
		A836-7	102.41	105	2.59	.072					8.0
		-8		107.09	2.90	.112					9.5
		-9		110.95	3.05	.018					10.0
		-10		112.47	1.52	.002					5.0
		-11		114.00	1.53	.014					5.0
		-12		115.52	1.52	.020					5.0
		-13		118.28	2.74	.064					9.0
		-14		121.31	3.05	.060					10.0
		-15		124.05	2.74	.008					9.0
		-16		127.10	3.05	.002					10.0
		A836-17	152.10	159.30	3.20	.018					10.5
		A836-18	159.72	162.15	2.43	.020					8.0



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. A83-7 PAGE 1

LATITUDE 11 + 48S BEARING OF HOLE Az 2°0 STARTED 18 May 1983

CLAIM No. S 5150³⁰⁴

DEPARTURE 2 + 32E DIP OF HOLE -45° COMPLETED 20 May 1983

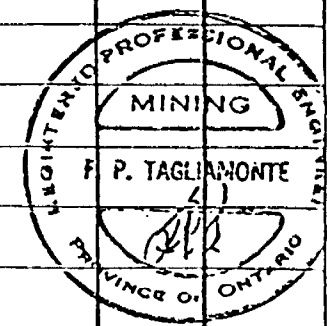
DIRECTION AND DISTANCE FROM

ELEVATION Mainland 10'± above Jess Lake DIP TESTS _____ DEPTH 142.34 (467')

NE. CLAIM POST

CORE SIZE BX0 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.83	CASING											
1.83	65.99	QUARTZITE Salmon Pink											
		Salmon pink arkosic granular quartzite. Generally massive. Random rare narrow pale gray green argillaceous bed.											
		Random patchy zones of fragmented milk white quartz-carbonate with massive patches of granular pyrite/marcasite.											
		Numerous slips. Variations as noted.											
		1.83 - 14.02 Generally massive granular arkosic quartzite.											
		6.71 45cm gray green granular argillaceous quartzite bed @ 60°.											
		Fractures generally @ 60°.											
		12.49 79cm fragmented gray green granular quartzite bed.											
		14.02 - 42.37 Mineralized quartz-carbonate zone. Salmon pink granular arkosic quartzite with random irregular patches and fragments of milk white quartz-carbonate intermixed with granular pyrite. 10% ⁺ milk white quartz-carbonate. 3% ⁺ granular patchy pyrite.											



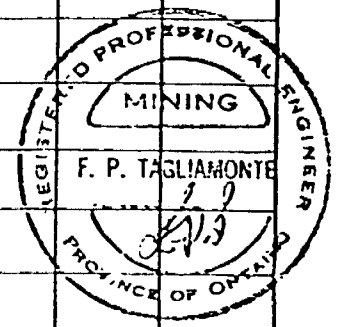
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
1.83	65.99	QUARTZITE Salmon Pink cont'd												
		14.02 - 42.37 Mineralized quartz-carbonate zone cont'd												
		20.42 34cm milk white quartz-carbonate zone with 40% granular patchy pyrite.												
		21.03 10cm zone with fine threads of magnetite @ 40°.												
		Numerous slips from 50 - 65°.												
		31.09 - 31.39 Fine fragmented milk white quartz-carbonate with fine disseminated and patchy granular pyrite - 1% ⁺ pyrite.												
		Vuggy zones throughout.												
		36.88 - 42.06 Random irregular patchy areas of dark green weakly chloritic material with sparse fine pyrite.												
		42.37 - 65.99 Salmon pink granular arkosic quartzite.												
		Random small irregular patches of milk white quartz-carbonate and small patches of irregular granular pyrite.												
		2% milk white quartz-carbonate.												
		1/2% pyrite.												
		Variations as noted.												
		44.19 Series of fractures @ 40°.												
		10cm gray green granular quartzite bed @ 60°.												
		45.11 Series of fractures @ 25°.												
		50.60 14cm zone of fragmented vuggy milk white quartz-carbonate and gray green quartzite with fine pyrite.												
		55.17 15cm zone of fragmented milk white quartz-carbonate with 10% ⁺ irregular patchy granular pyrite.												
		57.00 Slips with gouge @ 30°.												
		63.40 20cm zone with irregular patches of granular pyrite.												
65.99	92.35	QUARTZITE Breccia Salmon Pink												
		Salmon pink granular arkosic quartzite breccia.												
		Random irregular patchy mixed milk white quartz-carbonate intermixed with massive granular patches												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
65.99	92.35	QUARTZITE Breccia Salmon Pink cont'd											
		of pyrite with clots of pale and dark green chlorite. 15% ⁺ irregular patchy areas of quartz-carbonate, pyrite and chlorite in otherwise massive granular salmon pink arkosic quartzite.											
		67.67 45cm fragment-fragmented milk white quartz-carbonate, pyrite and minor dark green chlorite. 40% pyrite.											
		70.71 14cm irregular fragment of milk white quartz-carbonate pyrite and pale green chlorite. 10% pyrite.											
		73.15 1.83m zone with random irregular patches of pale and dark green chlorite. 3% chlorite.											
		78.34 2.74m zone with massive irregular patchy areas of pale and dark green chlorite intermixed with milk white quartz-carbonate and pyrite. 30% ⁺ chlorite patches.											
		83.97 2cm band of massive granular pyrite.											
		85.95 34cm zone of milk white quartz-carbonate pyrite and minor chlorite. 60% pyrite.											
92.35	130.15	QUARTZITE Pink											
		Salmon pink generally massive granular arkosic quartzite.											
		Random variable width beds of gray green argillaceous quartzite.											
		Variations as noted.											
		92.35 27cm pale gray green argillaceous quartzite bed @ 350.											
		93.57 24cm pale gray green argillaceous quartzite bed @ 500 [±] .											



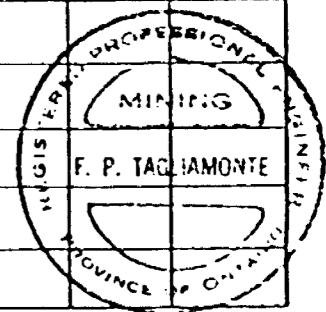
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
92.35	130.15	QUARTZITE Pink cont'd												
		Two .25cm pyrite seams in bed @ 50°.												
	94.03	40cm bed as above.												
		Series of pyritic fractures @ 60°.												
		1 fracture with .25cm pyrite.												
	95.40	40cm bed as above, thin pyritic seams.												
	96.62	20cm bed as above.												
	97.23	14cm bed as above.												
	96.93	1.2m zone with multiple fractures @ 70°.												
	102.11	20cm zone of rusty fractures @ 55°.												
	107.29	20cm gray green granular quartzite bed @ 40°.												
	110.34	1.5m zone with 60% gray green granular quartzite beds @ 45°±.												
	116.43	45cm zone of fracturing with gouge. Fractures @ 45°±.												
	114.90 - 130.15	Predominantly salmon pink massive granular arkosic quartzite with disseminated beige flakes throughout - possibly kaolinitic alteration.												
130.15	142.34	'SUDBURY BRECCIA'												
		Pale pink, salmon pink and hematitic red granular quartzite fragments intermixed with charcoal gray green vesicular filled bands and irregular fragments of 'Sudbury breccia'.												
		Fracturing generally from 20-30° - some with gouge.												
		Heterogeneous unit.												
	142.34	END OF HOLE												
	(467')	Casing in hole.												



FOOTAGE TO	DESCRIPTION	SAMPLE NO	FOOTAGE		SAMPLE LENG	Au	ASSAY				ft.
			FROM	TO							
	<u>SAMPLING AND ASSAYING</u>										
		A837-1	14.02	16.76	2.7	.002					9.0
		-2		19.81	3.05	.004					10.0
		-3		22.86	3.05	.002					10.0
		-4		25.91	3.05	.002					10.0
		-5		28.50	2.59	.002					8.5
		-6		31.39	2.89	Tr					9.5
		-7		34.29	2.9	.014					9.5
		-8		37.19	2.89	.004					9.5
		-9		40.23	3.04	.002					10.0
		-10		42.98	2.75	.006					9.0
		A837-11	54.56	57.61	3.05	.002					10.0
		A837-12	66.14	69.19	3.05	.004					10.0
		-13		72.09	2.90	.004					9.5
		-14		74.98	2.89	.046					9.5
		-15		78.03	3.05	.012					10.0
		-16		81.08	3.05	.052					10.0
		-17		83.97	2.89	.020					9.5
		-18		86.87	2.90	.580					9.5
		-19		89.60	2.74	.178					9.0
		-20		92.35	2.75	.109					9.0



FOOTAGE M	TO	DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
				FROM	TO		Au				
		<u>SAMPLING AND ASSAYING</u> (confirmation sampling)									
			A837-21	78.03			.004				
			-22		81.08	3.05	.026	(.015	AW)		10.0'
			A837-23	81.08			.020				
			-24		83.97	2.89	.076	(.048	AW)		9.5'
			A837-25	86.87	89.60	2.74	.088				9.0'
			A837-26	81.56	(284')		.056				2"±
			A837-27	91.6	(300.5'±)		2.19				2"±
			A837-28		(301'±)		.044				2"±
			-29		(282'±)		2.77				2"±
			A837-30	92.35	94.18	1.8	.004				6.0
			-31		97.08	2.90	.004				9.5
			-32		98.06	1.52	.002				5.0
			A837-33		(275.5'±)		.098				2"±



DIAMOND DRILL RECORD

LOGGED BY E.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

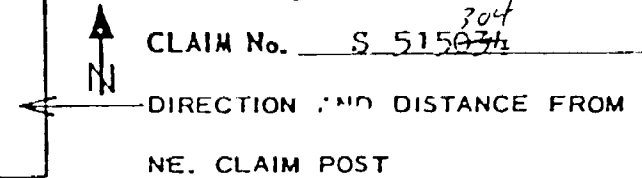
LATITUDE 11 + 48S BEARING OF HOLE Az 290° STARTED 27 May 1983

DEPARTURE 2 + 32E DIP OF HOLE -50° COMPLETED 29 May 1983

ELEVATION above Jess Lake Mainland 10' DIP TESTS 500' - 58° DEPTH 154.53m (507')

D.D.H. No. A83-7A PAGE 1

CLAIM No. S 5150³⁰⁴74

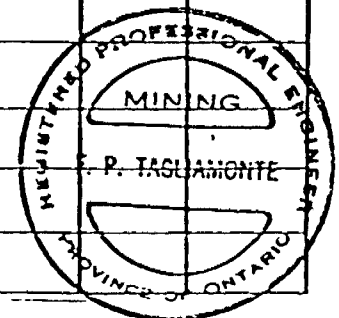


CORE SIZE Ø30 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc, Rouyn, Quebec

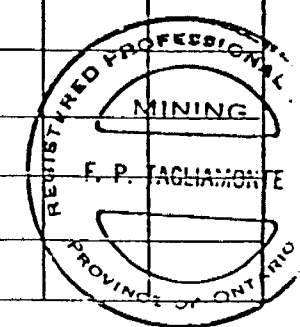
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	2.44	CASING												
2.44	34.75	QUARTZITE Salmon Pink												
		Salmon pink granular arkosic quartzite. Generally fine grained massive except as noted. Random irregular vein and stringer zones and variable size fragments of milk white quartz-carbonate randomly distributed throughout. 2% ⁺ milk white quartz-carbonate. Random blebs of granular pyrite. Irregular patchy clots of granular pyrite in the milk white quartz-carbonate, occasionally disseminated in the pink quartzite and rarely plated along some slips. 1% or less pyrite. Occasional beds of pale green granular quartzite. Variations as noted.												
	2.44 - 15.85	Salmon pink arkosic quartzite with random fine fragments of milk white quartz-carbonate. Sparse disseminated pyrite. Low angle fractures @ 35° [±] . High angle fractures @ 75° [±] .												
	12.80	Slip @ 20° with 2mm pyrite seam with slickensides.												
	14.48	14cm beige granular fine grained quartzite bed @ 30°.												
	15.85 - 35.51	Mineralized Zone Salmon pink arkosic quartzite with random fragments of milk white quartz-carbonate.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
2.44	34.75	QUARTZITE Salmon Pink cont'd											
	15.85 - 35.51	Mineralized Zone cont'd Patches of granular pyrite in quartz-carbonate and pink quartzite. 2% ⁺ pyrite. Variations as noted.											
	16.46	1.52m zone gray and pink granitic textured granular quartzite with patches of granular pyrite, minor chlorite and milk white quartz-carbonate. 3% pyrite. Small pale gray cherty 3cm fragments in 2 locations within the zone.											
	19.81	61cm zone with 20% irregular milk white quartz-carbonate with granular pyrite. Pale apple green mineral (carbonate) in the quartz-carbonate. Small 1.5cm pale gray cherty fragment.											
	26.2	7cm irregular patch of granular pyrite with small thumb nail fragments of chlorite.											
	26.82	10cm gray green granular quartzite bed @ 55°.											
	28.80 - 30.48	Pale gray sugary quartzose zone with liberally disseminated pyrite. 5% pyrite. Rare random 1cm angular chlorite fragments.											
	30.48 - 34.75	Random irregular patches up to 10cm of granular pyrite with minor amounts of milk-white quartz.											
	32	.6m zone of pale pink sugary quartzite with disseminated pyrite and random small sub angular gray and black cherty fragments.											



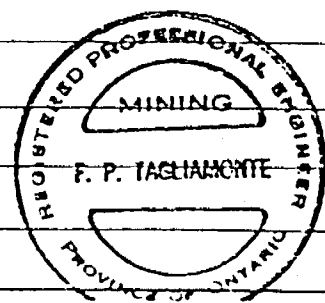
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
34.75	54.86	<u>QUARTZITE Salmon Pink</u>												
		Generally massive salmon pink fine grained quartzite.												
		Random series of variable width gray green granular bedded quartzite throughout.												
		Bedding from 50-65° in gray-green granular quartzite beds.												
		Fractures from 30-55°.												
		53.03 60cm vuggy zone in pink quartzite.												
		53.95 Slip with 2mm seam of granular pyrite @ 10°±.												
54.86	72.24	<u>QUARTZITE Salmon pink Mineralized</u>												
		Salmon pink generally massive fine grained quartzite.												
		Sparse random angular fragments of milk white quartz-carbonate.												
		Random patches, seams and disseminated of fine granular pyrite randomly distributed in the pink quartzite and in the few milk white quartz-carbonate fragments in the zone.												
		2% pyrite.												
		55.93 8cm gray green granular quartzite fragment. Bedding @ 70°.												
		Numerous high angle fractures from 75 - 80°.												
72.24	121.62	<u>QUARTZITE Salmon Pink</u>												
		Generally massive granular arkosic salmon pink quartzite.												
		Random fine stringers and lapelli-like fragments of milk white quartz-carbonate.												
		Sparse fine disseminated pyrite.												
		Random fine discontinuous seams of pyrite.												
		73.00 23cm beige granular bed of quartzite.												
		Bedding @ 60°.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
72.24	121.62	QUARTZITE Salmon pink cont'd												
	79.86	14cm fragmented beige granular quartzite bed. Bedding @ 55°.												
	81.53	6" vuggy pale green porous material with massive patches of black chlorite, minor granular pyrite and milk white quartz-carbonate. 30% ground core.												
	82.91 - 92.96	Fracture Zone Multiple series of fractures from 40 - 60°. Some fractures rusty stained. 40% mechanically broken core. Random narrow ash gray quartzite beds @ 60°.												
	88.39	1.1m zone with faint purple tinted cherty quartz zones with fine disseminated pyrite. Thin irregular seams and small patches of granular pyrite in pink quartzite. 1/25" pyrite.												
	94.03	20cm beige granular kaolinitic quartzite bed. Bedding @ 60°.												
	97.84	61cm gray green silty quartzite fragment. Fragmented upper contact. Bedding @ 40°.												
	96.67	Series of fractures @ 35°.												
	102.72-	Fractured and fragmented pink hematitic stained quartzite. Fracturing from 35 - 50°.												
	32.10	91cm chalk white earthy kaolinitic zone. Fractured and broken core. Fracturing @ 35° some with gouge.												
	108.97	61cm beige and pink granular quartzite bed @ 55°. Gradational lower contact.												



FOOTAGE TO	DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
			FROM	TO		Au				
	<u>SAMPLING AND ASSAYING</u>									
		A837A-1	15.39	18.44	3.05	.002				10.0'
		-2		21.18	2.74	.002				9.0'
		-3		24.08	2.90	.002				9.5'
		-4		26.97	2.89	.010				9.5'
		-5		29.72	2.75					9.0'
		-6		32.61	2.89	Tr				9.5'
		-7		35.05	2.44	.002				9.0'
		A837A-8	54.86	57.15	2.29	.002				9.5'
		-9		60.05	2.90	.004				9.0'
		-10		63.05	3.04	.006				10.0'
		-11		66.17	3.05	.014				10.0'
		-12		69.34	3.20	.010				10.5'
		-13		72.24	2.90	.002				9.5'
		A837A-14	81.53		30cm	.500				12"
		A837A-15	88.39	90.37	1.98	.018				6.5'
		A837A-16	79.4	81.53	2.13	Tr				7.0'
		A837A-17	81.84	83.82	1.98	Tr				6.5'
		A837A-21	78.03			.004				5.0'
		-22		81.08	3.05	.026	(.015 av.)			5.0'
		A837A-23	81.08			.020				4.75'
		-24		83.97	2.89	.076	(.048 av.)			4.75'



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. A83-8 PAGE 1

LATITUDE 10 + 82S BEARING OF HOLE Az 290° STARTED 21 May 1983

CLAIM No. S 515304

DEPARTURE 2 + 53E DIP OF HOLE -45° COMPLETED 23 May 1983

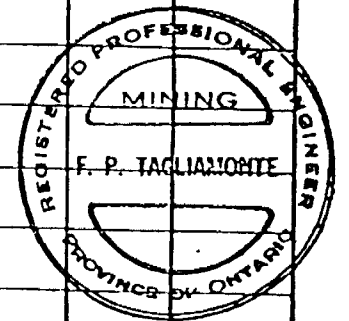
DIRECTION AND DISTANCE FROM

ELEVATION Mainland 30' above level Jess Lake DIP TESTS _____ DEPTH 117.96m (387')

NE. CLAIM POST

CORE SIZE RVC DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc, Rouyn, Quebec
meters

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.83	CASING											
1.83	117.96	QUARTZITE Lorrain?											
		Alternating variable width beds of granular pink and pale pink arkosic quartzite and gray-green fine grained thinly bedded quartzite.											
		Numerous low angle and high angle fractures but most parallel bedding.											
	1.83 - 25.91	Bedding @ 45°.											
	27.74 - 31.39	Salmon pink granular arkosic quartzite. Slip with oxide staining along core at upper contact. Sharp lower contact.											
	60	46cm fracture zone.											
	72.8	Fractures from 50 - 60°.											
	72.8	Thin seams of black magnetite.											
	90.22	Bedding @ 45°.											
	102.11	Bedding @ 45°.											
	110.95	Slip @ 40° with 1cm of gouge.											
	110.03-116.43	Random narrow bands with faint hematitic staining.											
117.96		END OF HOLE											
(387')		Casing in hole.											



DIAMOND DRILL RECORD

LOGGED BY F.P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H.No. A83-9 PAGE 1

LATITUDE 11 + 63S BEARING OF HOLE Az 290° STARTED 30 May 1983

DEPARTURE 2 + 32E DIP OF HOLE -45° COMPLETED 2 June 1983

ELEVATION 15'± above Jess Lake DIP TESTS 380' - 40° DEPTH 117.96m (387')



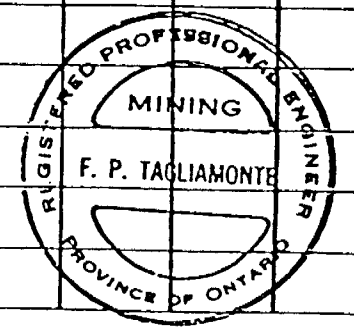
CLAIM No. S. 515304

DIRECTION AND DISTANCE FROM

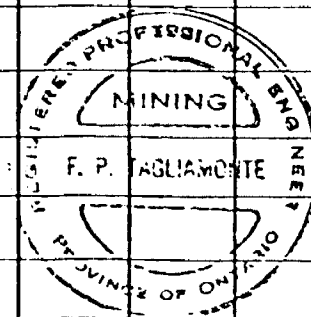
NE. CLAIM POST

CORE SIZE BX0 DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	.9	CASING											
.9		QUARTZITE Breccia Salmon Pink Mineralized											
		Salmon pink granular arkosic quartzite breccia. Patchy areas of milk white quartz-carbonate with fine and coarse granular pyrite matrix material.											
		10% quartz-carbonate. 3%+ granular pyrite/marcasite. Numerous low angle fractures @ 30°±. Variations as noted.											
	.9 - 12.19±	Patchy areas of milk white quartz-carbonate, fine granular pyrite and fine fragments of chlorite randomly distributed in portions of the zone.											
	13.72 - 15.54	5% quartz-carbonate. 2% pyrite. 70% milk white quartz-carbonate. 25% fine granular pyrite/marcasite.											
	16.46 16.46± - 41.76	7cm charcoal gray cherty fragment. 5%+ milk white quartz-carbonate fragments in pink granular arkosic quartzite. Random small patches and dissemination of granular pyrite. 1/2% pyrite. Fractures @ 45°.											
	29.87	14cm silty bleached fine granular quartzite bed. Bedding @ 55°±.											
	104	31cm fragmented pale green granular silty bed.											



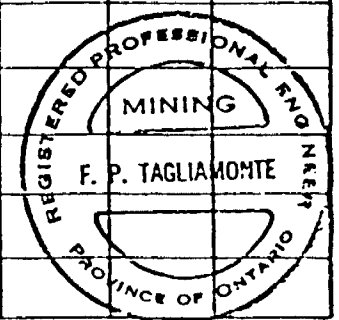
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
.9		<u>QUARTZITE Breccia Salmon pink Mineralized cont'd</u>												
		45.11 14cm gray granular quartzite fragment.												
		45.72 31cm zone with 2 semi rounded black cherty fragments up to 8cm long.												
		41.76 - 56.08 Salmon pink and pale pink arkosic quartzite breccia. Milk white quartz-carbonate matrix material. 5% ⁺ quartz-carbonate. Random patches of granular pyrite. Also erratically distributed disseminated pyrite. 2% ⁺ pyrite. Fractures from 35 - 45°.												
		45.11 13cm fragment of pale green fine granular quartzite.												
		45.72 Semi angular fragments of black cherty quartz up to 10cm.												
		48.46 10cm black cherty fragment.												
		50.90 31cm zone with angular pale green granular quartzite fragments.												
		52.12 2cm dark green chlorite seam along slip @ 60°.												
		52.43 46cm zone with black cherty material mixed with milk white quartzite. Vuggy core surface.												
56.08	73.76	<u>QUARTZITE Breccia Gray</u>												
		Pale pink, bleached and gray granular quartzite breccia. Random fragments of milk white quartz-carbonate. 3% milk white quartz-carbonate. Patchy fine disseminated granular pyrite. 2% ⁺ pyrite.												
		56.08 - 65.84 Finely fragmented bleached fine granular quartzite. -45% fine fragmented milk white and dark green hard cherty and minor dark green chloritic matrix material with fine disseminated pyrite. 1% ⁺ pyrite.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
56.08	73.76 [±]	<u>QUARTZITE Breccia Gray cont'd</u>												
		65.07 5cm irregular pale green granular quartzite fragment.												
		65.53 3cm pale green granular quartzite fragment @ 350°.												
		70.71 7cm pale green granular quartzite bed @ 60°.												
73.76		<u>QUARTZITE Breccia Pale Pink</u>												
		Pale pink granular arkosic quartzite breccia.												
		Fine milk white quartz-carbonate fragments randomly distributed through horizon.												
		1% [±] quartz-carbonate.												
		Random patches and disseminated fine granular pyrite.												
		1/2% - pyrite.												
		71.93 61cm zone with semi rounded charcoal gray cherty fragments.												
		75.29 9cm angular pale green granular silty quartzite fragment.												
		78.64 14cm fragmented pale green granular silty quartzite fragment.												
		80.16 61cm zone with 2 - 15cm angular pale green silty quartzite fragments.												
		85.95 31cm vuggy kaolinitic zone with disseminated pyrite.												
		86.56 31cm vuggy weathered and partly decomposed zone with 50% granular pyrite.												
		Local patchy oxidized pyrite-hematitic earthy.												
		Minor flecks of black chlorite.												
88.24	96.62	<u>QUARTZITE Breccia Pink Vuggy</u>												
		Essentially pink arkosic quartzite with random patches of mixed vuggy and decomposed pale green earthy chlorite? material and milk white quartz-carbonate. Minor black chlorite, and fine disseminated granular pyrite.												
		Fracturing @ 35°.												
		88.54 14cm patch of mixed, vuggy pearly white quartz-												



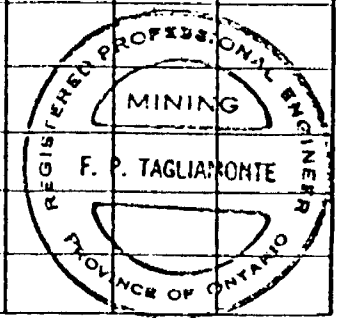
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
88.24	96.62	<u>QUARTZITE Breccia Pink Vuggy</u> cont'd												
		88.54 carbonate, dark green chlorite, earthy tale green chlorite with disseminated granular pyrite/marcasite.												
		90.22 18cm zone of vuggy pale green earthy chlorite? and granular pyrite in pink quartzite.												
		90.83 16cm patch as in 88.54 above.												
		91.44 46cm zone as above.												
		93.57 46cm zone as above.												
		93.57 - 96.62 Vuggy, earth, kaolinitic pink and chalk white zone with patches of pale green earthy chlorite? Random patches of granular pyrite and disseminated pyrite. Random patches of dark brown oxidized pyrite. Multiple fractures @ 40°±.												
96.62	117.96	<u>QUARTZITE Sudbury breccia</u>												
		Salmon pink arkosic granular quartzite. Disseminated beige kaolinitic flakes throughout. Random pale green vesicular-like fragments typical of the Sudbury breccia feature. Multiple fracturing @ 20 - 55°.												
		111.86 61cm purplish tinted zone.												
		112.62 30cm earth chalk white kaolinitic zone.												
	117.96	<u>END OF HOLE</u>												
	(387')	Casing in hole.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
FM	TO			FROM	TO		Au				
		<u>SAMPLING AND ASSAYING</u>									
			A839-1	.9	4.27	3.37	.002				11.0'
			-2		7.01	2.74	.002				9.0'
			-3		10.06	3.05	.002				10.0'
			-4		13.11	3.05	Tr				10.0'
			-5		15.70	2.59	.002				8.5'
			-6		18.53	2.89	.004				9.5'
			-7		21.34	2.75	.004				9.0'
			-8		23.77	2.43	.002				8.0'
			-9		26.52	2.75	Tr				9.0'
			-10		29.57	3.05	.002				11.0'
			-11		32.61	3.04	.008				10.0'
			-12		35.66	3.05	.002				10.0'
			-13		38.56	2.90	Tr				9.5'
			-14		41.45	2.89	.002				9.5'
			-15		44.50	3.05	Tr				10.0'
			-16		47.40	2.90	.002				9.5'
			-17		50.29	2.89	.002				9.5'
			-18		53.34	3.05	.002				10.0'
			-19		56.21	2.90	.002				9.5'
			-20		59.11	2.89	.004				9.5'
			-21		62.11	3.04	.010				10.0'



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
FROM	TO			FROM	TO		As				
		SAMPLING AND ASSAYING cont'd									
			A839-22	62.18	64.92	2.74	.002				9.0
			-23		67.97	3.05	.014				10.0
			-24		70.87	2.90	.026				9.5
			-25		73.76	2.89	.008				9.5
			-26		76.50	2.74	.022				9.0
			-27		79.40	2.90	Trace				9.5
			-28		82.14	2.74	Trace				9.0
			-29		85.95	3.81	.002				12.5
			-30		86.87	.92	.002				3.0
			-31		88.24	1.37	Trace				4.5
			-32		91.14	2.90	Trace				9.5
			-33		94.03	2.89	Trace				9.5
			-34		96.62	2.59	Trace				8.5



DIAMOND DRILL RECORD

LOGGED BY F. P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario.

D.D.H. No. A83-10 PAGE 1

LATITUDE 11 + 80S BEARING OF HOLE Az 290° STARTED 3 June 1983

CLAIM No. S 515304

DEPARTURE 2 + 36E DIP OF HOLE -45° COMPLETED 5 June 1983

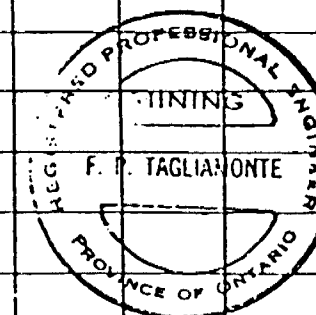
DIRECTION AND DISTANCE FROM

ELEVATION 15'± above Jess Lake DIP TESTS 347' - 39° DEPTH 105.77m (347')

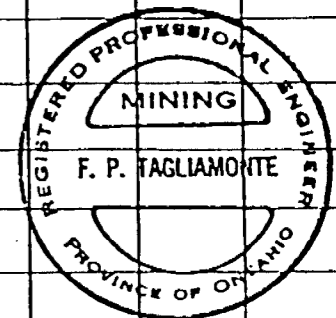
NE. CLAIM POST

CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc, Rouyn, Quebec.

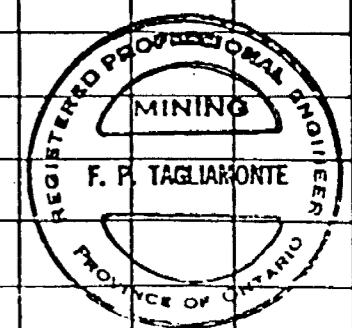
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.22	CASING											
1.22	41.30	QUARTZITE <u>Salmon Pink Mineralized</u>											
		Salmon pink arkosic granular quartzite.											
		Random stringers and fragments of milk white quartz-carbonate throughout.											
		Random patches of spotty disseminations of granular pyrite.											
		3% quartz-carbonate. 1% ⁺ pyrite.											
		Random low angle fractures generally @ 20°.											
		Numerous high angle faults from 40 - 55°.											
		Random thin beds as well as semi rounded fragments of gray green granular quartzite.											
		Variations as noted.											
	6.10	25cm fragment of charcoal gray sugary quartzite. Minor fine disseminated pyrite. Sharp slip contacts.											
	15.70	Semi rounded charcoal gray fragment in milk white quartz-carbonate.											
	16.15	1cm bed of pale green granular quartzite @ 40°.											



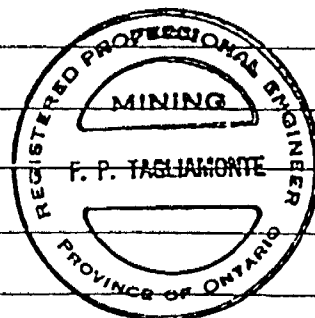
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
1.22	41.30	<u>QUARTZITE</u> <u>Salmon Pink Mineralized</u> cont'd												
		17.68 Series of fractures - some along core with brown oxide staining.												
		16.76 Small pearly gray subangular cherty fragments in milk white quartz-carbonate.												
		18.59 - 20.42 Series of fractures generally @ 55°.												
		21.64 10cm pale green granular quartzite bed @ 35°.												
		26.5 - 28.35 Series of fractures along core.												
		32.6 7cm zone with 40% granular pyrite in milk white quartz-carbonate.												
		34.75 - 37.80 Series of rounded and semi rounded pale green 'vesicular' granular quartzite fragments randomly distributed through zone.												
		Possible 'Sudbury breccia fragments'?												
41.30	60.66	<u>QUARTZITE BRECCIA</u> <u>Chloritic Mineralized</u>												
		Salmon pink granular arkosic quartzite groundmass.												
		60% finely fragmented mixture of irregular dark green chloritic material and contaminated milk white quartz-carbonate.												
		Random small massive patches and disseminated granular pyrite throughout.												
		2% disseminated and patchy pyrite.												
		Random subangular fragments and beds of pale green granular quartzite.												
		Rand small subangular beige chert fragments.												
		45.72 14cm pale green granular quartzite bed @ 30°.												
		46.33 10cm pale green granular quartzite bed @ 85°.												
		52.73 10cm zone of massive granular pyrite.												
		30% pyrite.												
60.66	93.88	<u>QUARTZITE</u> <u>Salmon Pink</u>												
		Salmon pink granular arkosic quartzite.												
		Generally massive but fractured.												
		Slips generally from 40 - 60°.												
		Numerous narrow beds of pale green granular quartzite.												
		Some of the more prominent beds as individually noted.												



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
60.66	93.88	<u>QUARTZITE</u> <u>Salmon Pink</u> cont'd											
	74.98	61cm bed of pale green bedded quartzite. Bedding @ 55°±.											
	77.88	30cm pale green bedded quartzite fragment. Bedding @ 35°±.											
	81.99 - 90.53	60% pale green granular quartzite beds. Bedding @ 35°±.											
	85.95 - 93.27	Series of fractures generally @ 45° with brown oxide staining along slip faces.											
93.88	99.67	<u>QUARTZITE</u> <u>Fractured</u>											
		Mixture of pink granular arkosic quartzite and beige granular quartzite. Intensely cross fractured. Multiple series of low (10-30°) and high (40-60°) angle fractures. Modest hematitic staining. Gouge along some fractures.											
99.67	105.77	<u>QUARTZITE</u>											
		Mixed pink and charcoal gray quartzite. Peppered with flakes of dark green chlorite. Faint kaolinitic alteration. Sparse vuggy "holes" on core in local areas. Close to 'Sudbury breccia' contact??											
	105.77	<u>END OF HOLE</u>											
	(347')	Casing hole.											



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY			
FROM	TO			FROM	TO		Au			
		<u>SAMPLING AND ASSAYING</u>								
			A8310-1	7.16	10.12	3.04	.012			10
			-2		12.80	2.68	Tr			8
			-3		15.85	3.05	.002			10
			-4		18.90	3.05	.006			10
			-5		21.18	2.28	.004			7
			-6		24.23	3.05	.002			10
			-7		27.13	2.90	.002			9
			-8		29.87	2.74	.002			9
			-9		32.77	2.90	.002			9
			-10		35.66	2.89	.006			9
			-11		38.25	2.59	.012			8
			-12		41.30	3.05	.006			10
			-13		44.20	2.90	.006			9
			-14		47.24	3.04	.002			10
			-15		50.14	2.90	.002			9
			-16		53.04	2.90	.004			9
			-17		56.08	3.04	.002			10
			-18		58.98	2.90	.002			9
			-19		60.66	1.67	.004			5
			A8310-20	69.19	70.71	1.52	.024			5
			A8310-21	79.25	80.77	1.52	.002			5



DIAMOND DRILL RECORD

LOGGED BY F. P. Tagliamonte, P. Eng.

PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario.

D.D.H. No. A83-10A PAGE 1

LATITUDE 11 + 80S BEARING OF HOLE Az 290° STARTED 5 June 1983

CLAIM No. S 515304

DEPARTURE 2 + 36E DIP OF HOLE -60° COMPLETED 6 June 1983

DIRECTION AND DISTANCE FROM

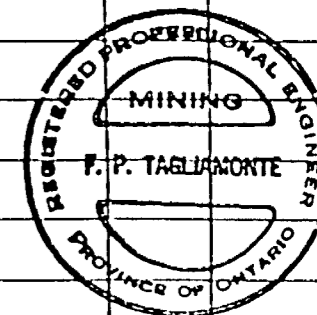
ELEVATION 15' above Jess Lake DIP TESTS _____ DEPTH 63.09m (207')

NE. CLAIM POST

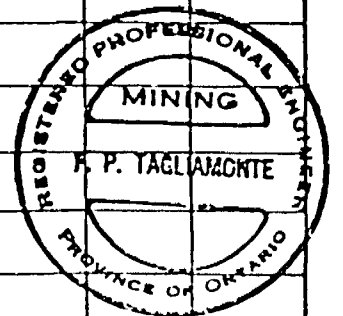
CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

_____ meters

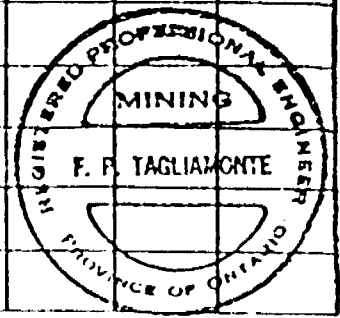
FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY						
FROM	TO			FROM	TO								
0	1.22	CASING											
1.22	33.83	QUARTZITE <u>Salmon Pink Breccia</u>											
		Salmon pink arkosic quartzite with random irregular patchy areas of milk white quartz-carbonate and milk white quartz-carbonate stringers.											
		Massive patches of granular and disseminated pyrite in milk white quartz-carbonate.											
		Local patches of massive chlorite and black chloritic staining in some quartz-carbonate patches.											
		15%+ milk white quartz-carbonate.											
		1/2%+ pyrite.											
		Minor chlorite.											
		Variations as noted.											
	5.18	Slip 38°.											
	9.75 - 12.80	Series of prominent slips from 15 - 25° with oxidized slip faces.											
	9.75	6cm irregular milk white quartz-carbonate fragment with patches of granular pyrite.											
	10.36	5cm fragmented milk white quartz-carbonate veinlet with fine granular pyrite.											
	12.80	22cm patch of milk white quartz-carbonate with 4cm band of patchy granular pyrite.											
	14.33	46cm fracture along core with milk white quartz-carbonate and spotty disseminated pyrite.											
	15.09	36cm pale green quartzite bed @ 28°.											
	15.5	2 prominent slips @ 32°.											
	16.76	14cm beige granular vuggy quartzite bed @ 45°, bounded by 1cm quartz-stringers.											
	18.59	20cm fragmented milk white quartz-carbonate fragment with beige chert fragments.											



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY				
FROM	TO			FROM	TO						
1.22	33.83	<u>QUARTZITE</u> Salmon Pink Breccia cont'd									
		20.12 20cm milk white quartz-carbonate fragment with massive irregular patch of green chlorite with sparse fine pyrite.									
		23.77 Prominent slip @ 46°.									
		24.23 45cm zone with fragments of milk white quartz-carbonate and massive granular pyrite.									
		25.00 - 32.31 Essentially massive granular arkosic quartzite.									
		26.82 20cm pale green granular quartzite bed. Bedding plain fractures with thin talcose gouge @ 20°.									
		31.70 .6m pale green granular quartzite bed with fragmented contacts.									
33.83	63.09	<u>CHLORITE BRECCIA ZONE</u>									
		Salmon pink granular arkosic quartzite with liberally distributed patchy fragmented milk white quartz-carbonate and dark green chlorite. Sparse random disseminated pyrite. 60% quartz-carbonate and chlorite. Intensely brecciated.									
		34.14 2 - 2cm ⁺ sub angular fragments of black chert.									
		36.73 36cm zone of fragmented milk white quartz-carbonate and chlorite with 10% ⁺ massive patches and disseminated pyrite.									
		49.07 - 51.51 Fracture Zone									
		Multiple series of fractures from 15 - 50°. Most in 30 - 50° range.									
		54.10 16cm fractured pale green granular quartzite bed. Fractures @ 15° and 45°.									
		60.66 20cm pale green granular quartzite bed @ 40°.									
	63.09	<u>END OF HOLE</u>									
	(207')	Casing in hole.									



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
FROM	TO			FROM	TO		Ag				
		<u>SAMPLING AND ASSAYING</u>									
			A8310A-1	8.84	11.89	3.05	.002				10.0
			-2		14.78	2.89	.002				9.5
			-3	19.20	22.10	2.9	.006				9.5
			-4		25.00	2.9	.002				9.5
			A8310A-5	32.16	35.20	3.04	.008				10.0
			-6		38.10	2.90	.002				9.5
			-7		41.15	3.04	Tr				10.0
			-8		44.04	2.89	.002				9.5
			-9		46.79	2.75	.004				9.0
			-10		49.53	2.74	.002				9.0
			-11		52.43	2.90	.002				9.5
			-12		55.32	2.89	Tr				9.5
			-13		58.37	3.05	.004				10.0
			-14		61.42	3.05	.002				10.0
			-15		63.09	1.67	.002				5.0



DIAMOND DRILL RECORD

LOGGED BY F. P. Tagliamonte, P. Eng.

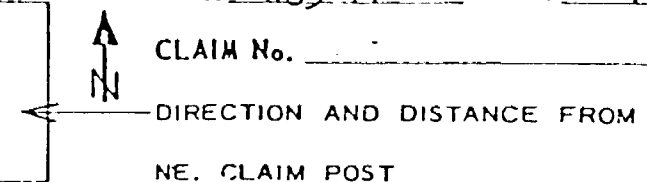
PROPERTY FLAG RESOURCES LTD. Wolf Lake Project Mackelcan twp. Ontario

D.D.H. No. A83-11 PAGE 1

LATITUDE 11 + 50S BEARING OF HOLE Az 290° STARTED 7 June 1983

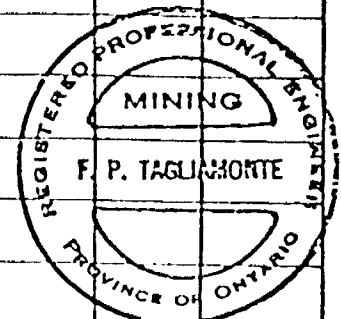
DEPARTURE 2 + 20E DIP OF HOLE -45° COMPLETED 8 June 1983

ELEVATION 15'± above Jess Lake DIP TESTS _____ DEPTH 94.79m (311')

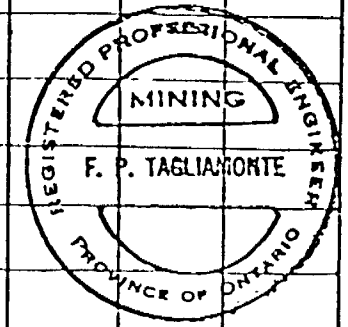


CORE SIZE BXQ DIAMOND DRILL CONTRACTOR Les Forages Philippon Diamond Drilling Inc. Rouyn, Quebec.

FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
0	2.44	<u>CASING</u>												
2.44	20.88	<u>QUARTZITE Breccia Mineralized Chloritic</u>												
		<p>Salmon pink arkosic granular groundmass. Erratic patchy areas of milk white quartz-carbonate with variable chlorite in small massive patches and stainings. Variably fragmented. Generally coarsely fragmented - fragments up to 5cm. Finely fragmented - fragments in the .5cm range. Rare pale green granular quartzite fragment. Rare charcoal gray granular hard semi angular fragments. 40%⁺ fragmented mixture of milk white quartz-carbonate chlorite and pyrite. Mainly coarse granular pyrite/marcasite and local fine grained pyrite. Numerous oxidized slips generally @ 50°. Some slips pyritic. A few low angle slips @ 15°.</p>												
	14.78	<u>.9m zone with 40% irregular coarse granular patches of pyrite/marcasite.</u>												
20.88	30.48	<u>QUARTZITE BRECCIA Mineralized Chloritic</u>												
		<p>Essentially pale pink 'bleached' arkosic granular quartzite groundmass. Patchy areas of dark green chloritic and weakly chloritic fragments intermixed with milk white quartz-carbonate.</p>												



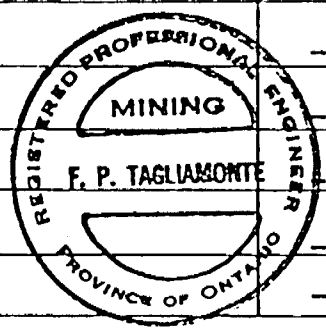
FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
20.88	30.48	QUARTZITE BRECCIA Mineralized Chloritic cont'd												
		30% ⁺ quartz-carbonate and dark green chloritic material.												
		Bleached zone gradational into salmon pink quartzite.												
		20.88 - 23.77 [±] Patch fine granular pyrite.												
		23.77 - 26.97 Essentially barren pale pink arkosic quartzite.												
		26.97 - 30.48 30% dark green weakly chloritic and massive dark green chlorite fragments intermixed with milk white quartz-carbonate and sparse fine disseminated pyrite. Some of the chloritic areas proliferated with vugs and solution cavities.												
		29.87 1.5cm seam of fine granular pyrite.												
		30.33 10cm zone with 50% granular patches of pyrite in milk white quartz-carbonate.												
30.48	64.31	QUARTZITE Pink												
		Generally massive granular salmon pink arkosic quartzite.												
		2% ⁺ disseminated granular patches, thin seams and disseminated grains of pyrite in pink quartzite locally associated with fine seams and small .5 - 1cm fragments of milk white quartz-carbonate.												
		Random semirounded pale gray green granular quartzite fragments.												
		Variations as noted.												
		30.48 - 35.36 Essentially barren granular arkosic salmon pink quartzite.												
		Micro fragmented zones @												
		32.31 - 13cm												
		34.90 - 15cm with fine pyrite.												
		35.66 - 20cm minor pyrite												
		115 Series of black magnetite threads @ 55°.												
		35.97 - 38.10 Granitic textured micro fragmented zone with disseminated phenocrysts of pyrite.												
		Some fine beige cherty fragments in the zone.												
		36.27 30cm pale green granular quartzite fragment.												
		Bedding @ 55° [±] .												
		Numerous fractures generally @ 45°.												



FOOTAGE		DESCRIPTION	SAMPLE NO.	FOOTAGE		SAMPLE LENGTH	ASSAY							
FROM	TO			FROM	TO									
30.48	64.31	QUARTZITE Pink cont'd												
		48.16 3cm geige quartzite bed with bedding plain slips @ 30°.												
		49.07 ⁺ Series of microfractures @ 50°±.												
		52.43 Fine magnetite threads @ 40°. Bedding? @ 40°.												
		54.56 - 63.25 Chlorite Breccia Zone Patchy irregular areas with massive dark green chloritic material intermixed with milk white quartz-carbonate in pale pink 'bleached' quartzite. Massive disseminated semi angular phenocrysts and and fine disseminated grains of pyrite in the chloritic material. Random semi rounded and sub angular fragments of gray green granular quartzite. 20% ⁺ chlorite-quartz-carbonate.												
		56.85 30cm pale gray green granular quartzite fragments.												
		60.05 Thin hairlike magnetite threads @ 55°. Bedding @ 55°.												
		60.35 Pale gray granular quartzite bed @ 55°.												
64.62	81.38	FRACTURE ZONE												
		Essentially pink arkosic quartzite with minor chloritic patches and random fragments and veinlets of milk white quartz-carbonate. Spotty patches and disseminations of pyrite. Intensely fractured generally along the core. Cross fractured @ 50°±. Fractures stained with deep rusty oxide. Some pyritic areas very vuggy and intensely oxidized. Deep brown oxide staining throughout.												
		71.32 - 73.76 Generally massive pink arkosic quartzite with random vuggy pyritic chloritic patches.												
		76.50 Vague bedding @ 40°.												
		77.11 61cm zone of gray granitic textured quartzite.												
		77.72 .9m zone of cross-fractured kaolinitic quartzite.												



FOOTAGE		DESCRIPTION	SAMPLE No.	FOOTAGE		SAMPLE LENGTH	ASSAY				ft.
M	TO			FROM	TO		Au				
		SAMPLING AND ASSAYING									
			A8311-1	2.44	5.64	3.20	.002				10.5
			-2		8.53	2.89	.002				9.5
			-3		11.43	2.9	.002				9.5
			-4		14.33	2.9	.004				9.5
			-5		17.22	2.89	.002				9.5
			-6		20.11	2.90	Tr				9.5
			-7		23.01	2.90	.018				9.5
			-8		25.91	2.90	Tr				9.5
			-9		28.65	2.74	.002				9.0
			-10		31.70	3.05	.006				10.0
			-11		34.75	3.05	.002				10.0
			-12		37.64	2.89	.020				9.5
			-13		40.39	2.75	.008				9.0
			-14		43.59	3.20	.002				10.5
			-15		46.48	2.89	.006				9.5
			-16		49.53	3.05	.002				10.0
			-17		52.27	2.74	.006				9.0
			-18		55.32	3.05	.014				10.0
			-19		58.06	2.74	.121				9.0
			-20		60.96	2.90	.024				9.5
			-21		64.01	3.05	.161				10.0

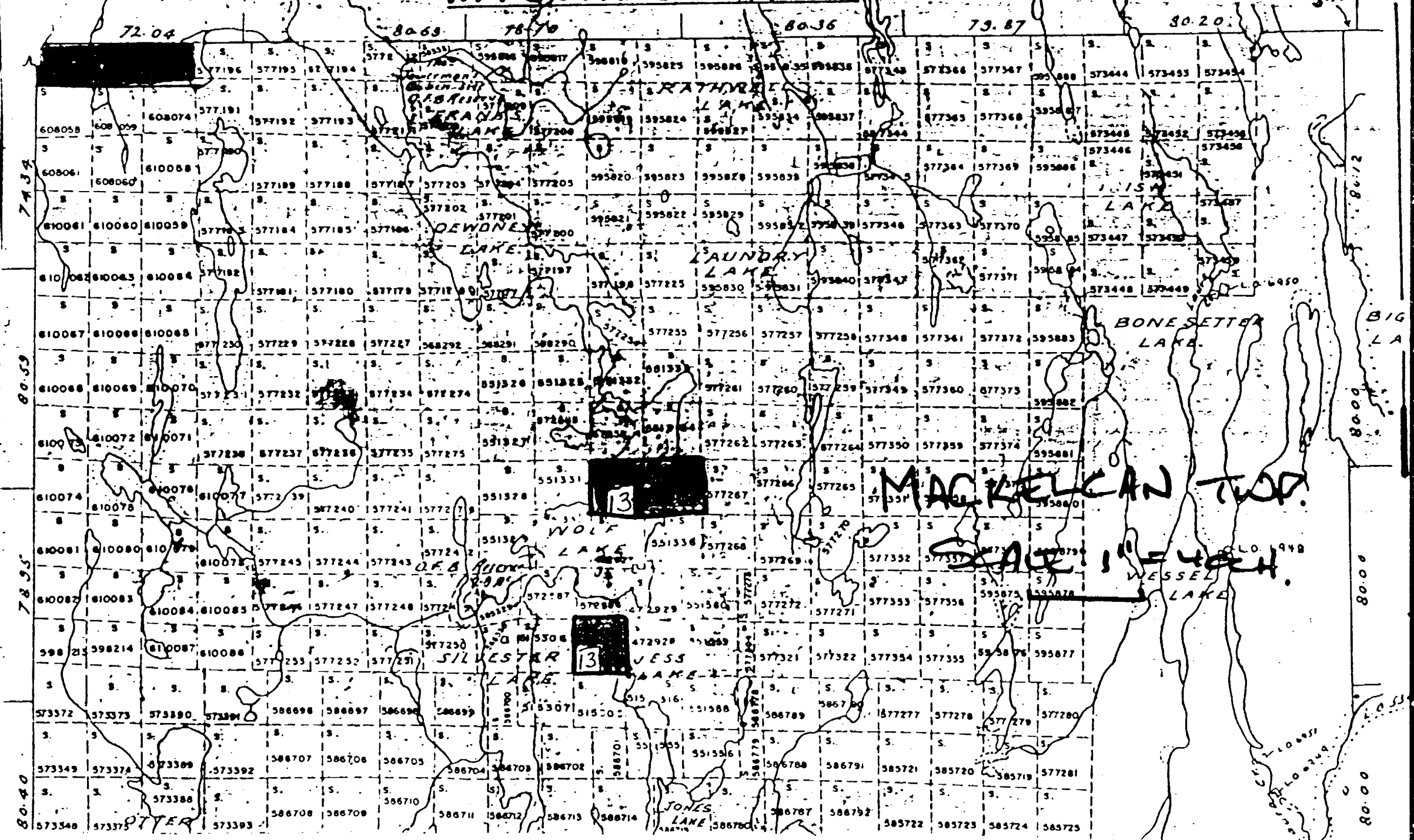


MC CONNELL TWP

TOWNSHIP

5.10

MER TWP



72.04

80.69

78.70

80.56

79.87

80.20

74.34

80.59

78.95

80.40

80.72

80.00

80.00

13

13

MAC KELCAN TWP

SAGE 10 44

Parcel numbers and letters (e.g., S) are scattered throughout the grid. Key geographical labels include:

- RATHUR LAKES
- DEWDNEY LAKE
- LAUNDRY LAKE
- BONESETTER LAKE
- WOLF LAKE
- SILVESTAR LAKE
- WESSLEY LAKE
- JONES LAKE



4111SSE0011 0020 MACKELCAN

900



Ministry of Natural Resources

Report of Work

MACKELCAN TWC...
S. 472926 TWC...
The Mining Act

Supply required data on a separate form for each type of work...
Exp. 10/1/84

Name and Postal Address of Reporting Holder: **FLAG RESOURCES LIMITED** T.1015
 1105 Council Way S.W., Calgary, Alberta, T2T 1X5

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 11,016	Mining Claim			Work Days Cr.			Mining Claim			Work Days Cr.		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only)												
<input type="checkbox"/> Manual Work	See											
<input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work.	Attached											
<input type="checkbox"/> Compressed Air, other Power driven or mechanical equip.	Sheet											
<input type="checkbox"/> Power Stripping	Schedule "A"											
<input checked="" type="checkbox"/> Diamond or other Core drilling												
<input type="checkbox"/> Land Survey												

All the work was performed on Mining Claim(s): S. 472926 S. 551335 S. 515304 - Schedule "B"

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

Core logs attached - See Schedule "C"

MAX. CREDITS ALLOWED: 11,132
 TOTAL APPLIED : 11,016
 BALANCE REMAINING : 116 days

SUDBURY MINING DIV. RECEIVED
 FEB 20 1984
 A.M. 7/8/9/10/11/12/1/2/3/4/5/6 P.M.

WORK ASSIGN:
 S. 472926 = 4000 BAL. 0
 S. 551335 = 3092, BAL. 908
 S. 515304 = 4000 BAL. 0

Date of Report: Feb. 16, 1984
 Recorded Holder of Asset (Signature): *[Signature]*

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: **MURDO C. MCLEOD, 1105 Council Way S.W., Calgary, Alberta, Canada, T2T 1X5**

Date Certified: Feb. 16, 1984
 Certified by (Signature): *[Signature]*

Table of Information / Attachments Required by the Mining Recorder

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

Schedule "B"

Claim S472926	Footage
WL83-6	444 feet
WL83-8	200 feet
WL83-10	201
WL83-11	155
WL83-12	397
WL83-16	327
WL83-18	454
WL83-20	559
WL83-24	229
WL83-24A	403
WL83-24B	33
WL83-24C	76
WL83-25	207
WL83-28	600

4285 feet

(max. 4000 allowed)
Sec. 76 (6) JL

Claim S551335

WL83-1	546 feet
WL83-2	553
WL83-3	407
WL83-4	367
WL83-5	495
WL83-7	527
WL83-23	217

3112 feet

Claim 515304

A83-5	847 feet
A83-6	637
A83-7	467
A83-7A	507
A83-8	387
A83-9	387
A83-10	347
A83-10A	207
A83-11	311

4097 feet

(Max. 4000 allowed plus 20 days
applied to 5.515304
Sec. 76 (6) JL

Total Footage:

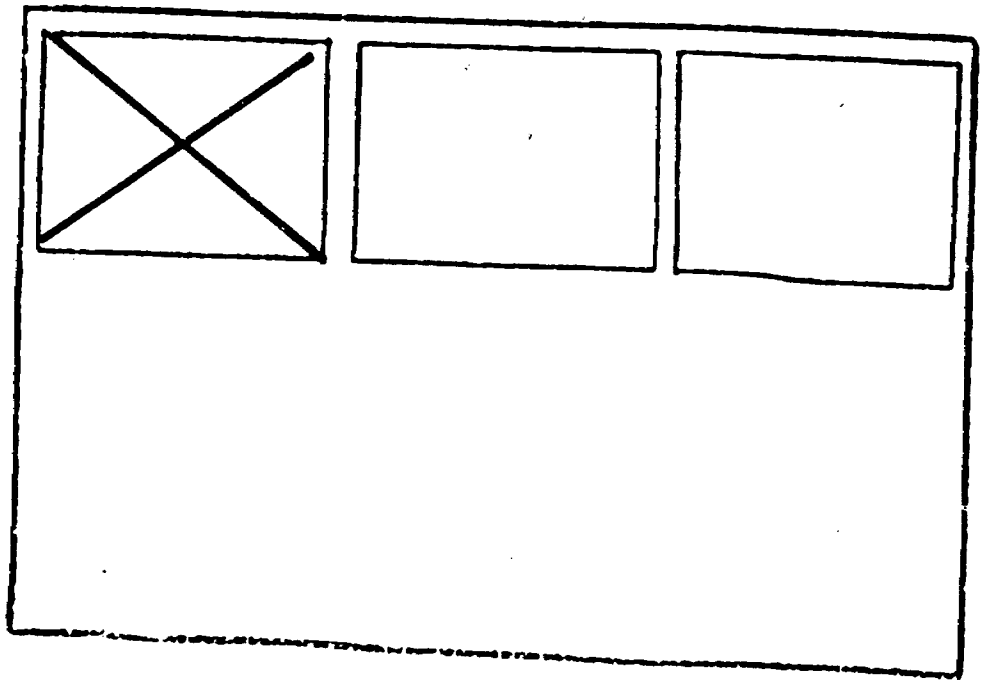
4285+
3112+
4097
=11,494.00 feet

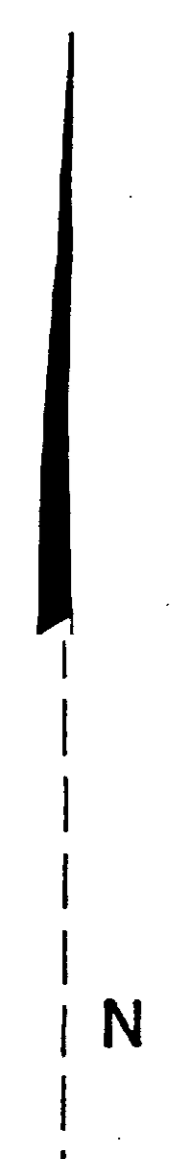
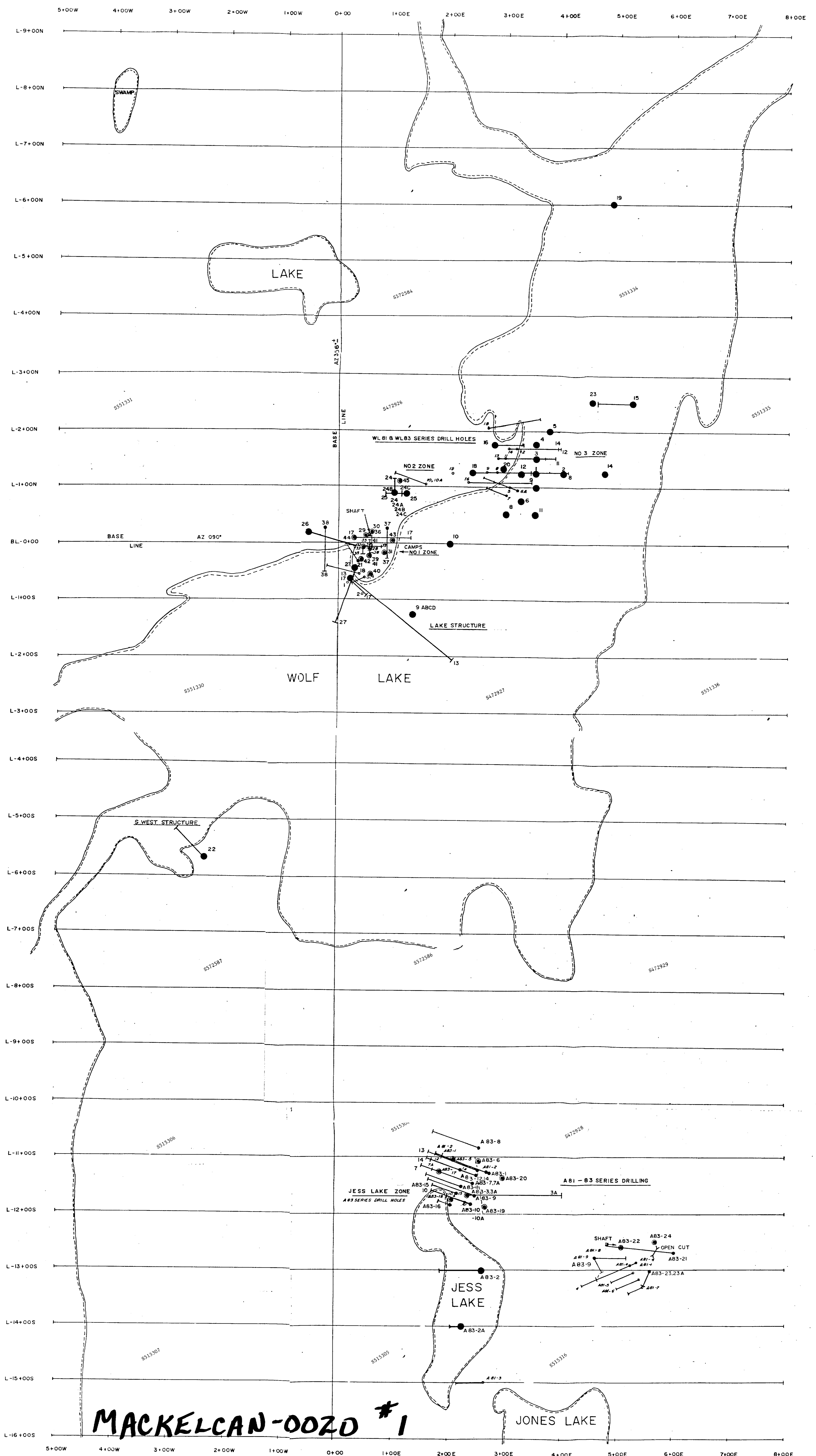
SCHEDULE "A"

S.515304	- 07 incl. (4)	- 20 days/claim
S.515316	(1)	- 20 days
S.551325	- 26 incl. (2)	- 20 days/claim
S.551327	(1)	- 11 days
S.551328	- 36 incl. (9)	- 20 days/claim
S.551558	- 60 incl. (3)	- 80 days/claim
S.572584	- 87 incl. (4)	- 100 days/claim
S.577321	(1)	- 65 days
S.529168	- 84 incl.(17)	- 20 days/claim
S.577177	- 98 incl.(22)	- 20 days/claim
S.577200	- 05 incl. (6)	- 20 days/claim
S.577208	- 12 incl. (5)	- 20 days/claim
S.577225	(1)	- 20 days
S.577227	- 41 incl.(15)	- 20 days/claim
S.577243	- 48 incl. (6)	- 20 days/claim
S.577251	- 53 incl. (3)	- 20 days/claim
S.577257	- 60 incl. (4)	- 20 days/claim
S.577263	- 66 incl. (4)	- 20 days/claim
S.577269	- 72 incl. (4)	- 20 days/claim
S.577277	-303 incl.(27)	- 20 days/claim
S.577322	(1)	- 20 days
S.577327	-402 incl.(76)	- 20 days/claim
S.585179	(1)	- 20 days
S.585662	- 81 incl.(20)	- 20 days/claim
S.585719	- 27 incl. (9)	- 20 days/claim
S.586687	- 89 incl. (3)	- 20 days/claim
S.586696	- 98 incl. (3)	- 20 days/claim
S.586705	- 13 incl. (9)	- 20 days/claim
S.586716	- 42 incl.(27)	- 20 days/claim
S.585728	- 58 incl.(31)	- 20 days/claim
S.586747	- 77 incl.(31)	- 20 days/claim
S.586783	- 84 incl. (2)	- 20 days/claim
S.586790	- 92 incl. (3)	- 20 days/claim
S.577421	- 24 incl. (4)	- 20 days/claim
S.577429	- 32 incl. (4)	- 20 days/claim
S.585331	- 48 incl.(18)	- 20 days/claim
S.585583	- 89 incl. (7)	- 20 days/claim
S.586189	-205 incl.(17)	- 20 days/claim
S.595172	-251 incl.(80)	- 20 days/claim
S.595816	- 40 incl.(25)	- 20 days/claim
S.595875	- 88 incl.(14)	- 20 days/claim

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS
PACKELCAN-0020-#1

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)





LEGEND

- VERTICAL HOLE
- ANGLE HOLE
- 1983 SERIES DIAMOND DRILL HOLES
- 1981 SERIES DIAMOND DRILL HOLES

NOTE: Exact locations are not certified and are only accurate within the inherent discrepancies of the grid.

FLAG RESOURCES LTD.
 WOLF LAKE AREA PROPERTY
 MACKELCAN TOWNSHIP
 SUDBURY AREA, ONTARIO

DDH LOCATION PLAN

SCALE: 1/2500 DATE: MAR 1983

REVISIONS: 19/12/83

GEOLOGICAL ENGINEERING SERVICES

MACKELCAN-0020 #1