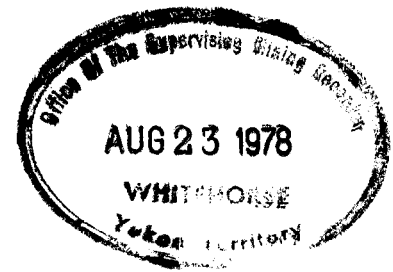




P. O. Box 269
Watson Lake, Yukon
YOA 1C0

18 August, 1978

Your file Votre référence
Our file Notre référence



REGIONAL DIRECTOR RESOURCES

Attention: Supervising Mining Recorder

REGISTERED MAIL

RESTRICTED

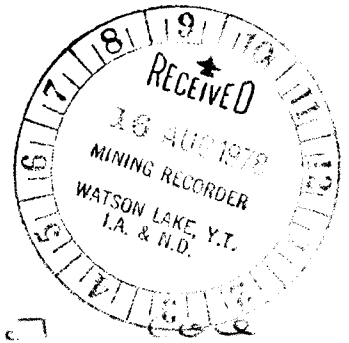
Enclosed is copy of Diamond Drill logs and location map submitted by Allen Carlos on behalf of Pelly Banks Syndicate for renewal of the SHALE, RENO and FRED mineral claims located in the Pelly Banks area on claim sheet 105-G-14. Total cost of the drill program and core storage was \$22,192.50.

Yours truly,

V. W. Johanson
Mining Recorder
Watson Lake Mining District

VWJ/plm
Encl.

09/1/66



Drill core is stored at
Library in Whitehorse.

The core did not have sufficient
pulphide to warrant assay.

G. Lees

Company PELLY BANKS SYNDICATE

Drill Hole Log

SR #1

Dip Tests

At Ft.
 At Ft.
 At Ft.
 At Ft.
 At Ft.
 At Ft.

Property SHALE-RENO
 At NTS 105-G-14
 Claim No.
 Working Place
 Baseline Footage
 Baseline Offset
 Date Started May 1978
 Date Completed June 1978

Hole Number
 Dip -90°
 Length 793'
 Bearing
 Elev. Collar
 Horiz. Trace
 Vert. Trace
 Date Logged June 1978

FROM	TO	DESCRIPTION	REC. FT.	SAMPLE NUMBER	ASSAY
0	15	Overburden			
15	328	Quartz sericite chlorite phyllite: Greenish-grey colour with threads of buff colour sericite here and there. Generally very sericitic, minor calcite - often associated with veinlets or as fracture filling, though sometimes with groundmass from footage 93' on. Chlorite decreasing to about 5%. Starting at 93' F-1 near vertical to F-2. 261' - 282.5' shearing w/fault @ 276'. F-2 bent to 30° for 1.2' @ 273.5'. Within shear zone sericite shows 30% darker grey banding. After fault, no calcite. C.A. 85°. From 155' CA = 75° 50° 80° 75°.	95%+		
328	357	Quartz sericite chlorite phyllite: As above but with siliceous bands.	100%		
357	403	Calcite chlorite quartz ± sericite phyllite: White and green mottled appearance. 0.3% pyrite occurring as scattered blebs. Also tan coloured mineral, 0.5 mm size disseminated, probably carbonate mineral-ankerite.	100%		
403	485	"Very fine grain rock" - not identified: Fine, sandy, compact. Very calcitic, numerous cross-fractures, often show offsets (minute to 5 mm); generally	100%		
		END OF HOLE			

Logged by

Company PELLY BANKS SYNDICATE

Drill Hole Log - PAGE 2

SR #1

Dip Tests

At..... Ft.....	Property.....	Hole Number.....
At..... Ft.....	At.....	Dip.....
At..... Ft.....	Claim No.....	Length.....
At..... Ft.....	Working Place.....	Bearing.....
At..... Ft.....	Baseline Footage.....	Elev. Collar.....
At..... Ft.....	Baseline Offset.....	Horiz. Trace.....
At..... Ft.....	Date Started.....	Vert. Trace.....
	Date Completed.....	Date Logged.....

FROM	TO	DESCRIPTION	REC. FT.	SAMPLE NUMBER	ASSAY
		calcite and quartz filled. Note a few local F-1 structures.			
485	462	Quartz sericite phyllite - mild alteration: Light grey phyllite with parts slightly altered to buff colour. Minor pyrite associated with quartz, widely spread mineralization. C.A. 80-85°.	100%		
462	496	Quartz sericite phyllite - moderate alteration: As section above, but with more alteration showing in bands and also as threads of buff sericite. Rock very sericitic. C.A. 80-85°.	100%		
496	641	Quartz sericite phyllite - mild to highly altered: As 418.5 - 462 feet, but contains a section of 65-70% buff alteration between 645 and 615 feet. More quartz, minor calcite within fractures and bands, odd pyrite. F-1 moderately developed @ 505' - 570', near vertical to F-2. F-1 fair to good between 605 - 615'. C.A. 75°.	95%+		
641	677	Quartz sericite phyllite: Light grey colour, odd sections show buff colour. C.A. 85°.	100%		
677	678.5	Fault: END OF HOLE	85%+		

DD75

Company Pelly Banks Syndicate

Drill Hole Log - PAGE 3

SR #1

Dip Tests

Property..... Hole Number.....
 At.....Ft..... At..... Dip.....
 Claim No..... Length.....
 Working Place..... Bearing.....
 Baseline Footage..... Elev. Collar.....
 Baseline Offset..... Horiz. Trace.....
 Date Started..... Vert. Trace.....
 Date Completed..... Date Logged.....

FROM	TO	DESCRIPTION	REC. FT.	SAMPLE NUMBER	ASSAY
		Crushed w/gouge. Medium-grey sericitic at upper end and dark grey to black graphitic at lower end.			
678.5	689	Calcite chlorite phyllite: Massive, greenish-white colour.	100%		
689	742	Chlorite calcite phyllite: Massive, medium green colour. Odd scattered pyrite. Also minor blebs pyrrhotite. C.A. 65-75°.	95%+		
742	753	Quartz sericite calcite chlorite phyllite - shear zone: Rocks moderately to highly sheared. Possible fault @ 747'-753'. Rock altered, more siliceous.	3'/11'		
753	759	Quartz sericite calcite [±] chlorite phyllite: As above section but not sheared. Siliceous, altered, minor buff alteration. C.A. 80-85°.	95%+		
759	777	Quartz chlorite calcite phyllite: Massive. Last 7' sheared, locally brecciated, shearing 30° to core. C.A. 65-85°.			
777	777.5	Quartz chlorite phyllite - shear and fault, gougey.			
		XXXXXXXXXX			

Logged by.....

Company PELLY BANKS SYNDICATE

Drill Hole Log

Dip Tests

At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....

Property Shale-Reno
 At.....
 Claim No.....
 Working Place.....
 Baseline Footage 32 W
 Baseline Offset 175' S
 Date Started July 15, 1978
 Date Completed July 18, 1978

Hole Number SR #2
 Dip -60° S
 Length 225'
 Bearing.....
 Elev. Collar.....
 Horiz. Trace.....
 Vert. Trace.....
 Date Logged.....

FROM	TO	CORE REC.	DESCRIPTION	SAMPLE NUMBER	ASSAY
0	45.5		Overburden		
45.5	93	40/47.5	Graphitic phyllite with intervals of chlorite sericite phyllite. Core black with white stripe appearance. Quartz with trace calcite marks F_1 foliation. Very minor sulphide showing in form of fine-grained aggregates randomly distributed along some F_1 structure. Detail: 57 - 64: Chlorite sericite phyllite. Green coloured with white stripes. Trace calcite. Very minor sulphide showing as isolated grains. First contact $\approx 85^\circ$; second contact $\approx 80^\circ$. $F_2 = 80^\circ$; $F_1 =$ indistinct. 70 - 72.5: Chlorite sericite phyllite. Similar to 57 - 64. Contacts broken grd. 73.5 - 86.5: Increase in carbonaceous material. Core is very black and has lesser white stripes. Sulphides more distinct and aggregates bigger. Pyrite occurring as circular aggregates ($\phi \approx \frac{1}{4}'' \sim \frac{1}{2}''$) surrounded by quartz/calcite. Pressure shadow around circular sulphide aggregates. Sulphides also as trains along widely-spaced quartz laminae. $F_1 = F_2 \approx 80 \sim 85^\circ$. Sulphides $\leq 1\%$. 86.5 - 86.9: Fault. Black gouge with graphitic sericite flakes. 93: Decrease in graphitic constituent.		
			END OF HOLE		

Logged by.....

Company PELLY BANKS SYNDICATE

Drill Hole Log

SR #2 - 2

Dip Tests

At Ft.
 At Ft.
 At Ft.
 At Ft.
 At Ft.
 At Ft.

Property Shale-Reno
 At
 Claim No.
 Working Place
 Baseline Footage
 Baseline Offset
 Date Started
 Date Completed

Hole Number
 Dip
 Length
 Bearing
 Elev. Collar
 Horiz. Trace
 Vert. Trace
 Date Logged

FROM	TO	CORE REC.	DESCRIPTION (continued, page 2)	SAMPLE NUMBER	ASSAY
93	138.5	42/45.5	Dark grey sericite phyllite with trace graphite. Solid hard core. Occasionally sulphide aggregates. $F_2 \approx 85^\circ \sim 90^\circ$; F_1 sub-vert. to F_2 . F_1 marked by quartz/trace calcite. 107.5: Large aggregates of pyrite 1" x 1" with cubic crystals. 128: Shear. 138.5: Contact with chloritic sericite phyllite. Contact broken grd.		
138.5	154.5	13/16	Chloritic sericite phyllite, greenish groundmass with dark green mottling. Trace calcite. Sulphides as blebs randomly distributed along some of the F_2 planes. Clay minerals along some foliation. $F_2 \approx 75 \sim 80^\circ$. F_1 indistinct.		
154.5	183	25/28.5	Sericite phyllite with trace graphite. Very fissile core. Dark grey in colour with white stripes (quartz). Chlorite in some laminae. Good F_1 and F_2 relationships. Pyrite clusters at 176' surrounded by quartz. $F_2 \approx 75 \sim 80^\circ$. F_1 sub-vertical to F_2 . 157 - 162: Fault zone. Crushed sericite phyllite and clayey gouge. 183: Contact with graphitic phyllite $\approx 80^\circ$.		
			END OF HOLE		

Logged by

Company PELLE BANKS SYNDICATE

Drill Hole Log

Dip Tests

At _____ Ft. _____
 At _____ Ft. _____
 At _____ Ft. _____
 At _____ Ft. _____
 At _____ Ft. _____
 At _____ Ft. _____

Property Shale-Reno
 At _____
 Claim No. _____
 Working Place _____
 Baseline Footage 0+00
 Baseline Offset 2 N
 Date Started July 25, 1978
 Date Completed July 29, 1978

Hole Number SR #4
 Dip -80°E
 Length 272'
 Bearing _____
 Elev. Collar _____
 Horiz. Trace _____
 Vert. Trace _____
 Date Logged _____

FROM	TO	CORE REC.	DESCRIPTION	SAMPLE NUMBER	ASSAY
0	15		Overburden casing.		
15	57	15/42	Graphitic phyllite. Generally dark in colour except for minor interstratified quartzofeldspathic laminae, finely laminated sericite and discontinuous quartz stringers. Core easily breaks into poker chip size along F ₂ foliation. Occasional sulphide specks mostly pyrite. Detail: 15 - 27: Broken core ranging from 2" in length to pebble size. Associated with bull quartz and trace calcite. 27 - 37: Fault zone. Dark grey sticky gouge with very minute sulphide grains. Gouge material mostly clay, trace of graphite and sericite. 43 - 44: Shear zone - tight shear planes marked by lustrous and slicken sided graphitic material. Partly healed by quartz. Minor amount of sulphides along fracture planes. 46 - 51: Distinct F ₁ /F ₂ relationship. F ₂ = 45° to core axis. F ₁ subvertical to F ₂ . Sulphides occur in both F ₁ and F ₂ . 51 - 57: Broken core. Distinct specks and trains of sulphides (mostly pyrite) along F ₂ . Trace of galena and brown sphalerite. Estimated total sulphides = 1%. C.A: F ₂ = 80~85°. F ₁ subparallel to core axis. 57: Gradual change to quartz sericite phyllite.		

Logged by.....

Company.....PELLEY BANKS SYNDICATE.....

Drill Hole Log

Dip Tests

At.....Ft.....
 At.....Ft.....
 At.....Ft.....
 At.....Ft.....
 At.....Ft.....
 At.....Ft.....

Property.....Shale-Reno.....
 At.....
 Claim No.....
 Working Place.....
 Baseline Footage.....
 Baseline Offset.....
 Date Started.....
 Date Completed.....

Hole Number.....
 Dip.....
 Length.....
 Bearing.....
 Elev. Collar.....
 Horiz. Trace.....
 Vert. Trace.....
 Date Logged.....

SR #4 - Z

FROM	TO	CORE REC.	DESCRIPTION (continued, page 2)	SAMPLE NUMBER	ASSAY
57	87	12/30	<p>Quartz sericite phyllite. Dark grey, fine lamination of sericite with trace graphite and quartzofeldspathic materials. Core generally more solid than the graphitic interval but also tends to break into poker size chips - fissile.</p> <p>Detail:</p> <p>57.5 - 58: Fold nose closure, could be F_1 (?). Pyrite in well-formed cubic aggregates.</p> <p>62 - 63: Specks and aggregate of chalcopyrite. F_1 = parallel to C.A; $F_2 = 80 \sim 85^\circ$. Numerous very minute sulphides along foliation - difficult to identify megascopically and macroscopically. Some sulphide grains form trains along F_1.</p> <p>63: Small fault $\approx 1''$ - crushed rock, slicken sided but has no thick gouge.</p> <p>63 - 68: Very good showing of F_1/F_2 relationship. $F_2 \approx 75 \sim 80^\circ$. F_1 sub-parallel to core axis. Very fine grained sulphides in both foliation plane. Estimated total sulphide $\approx 1\%$.</p> <p>68 - 77: Broken core - minor pyrite grains along foliations.</p>		
87	89.5		<p>Fault contact. Fault zone from 86.9 to 89.5. Actual change in lithology at 87.2. Fault marked by dark gouge changing to white with greenish tint.</p>		
			END OF HOLE		

Logged by.....

Company..... PELLY BANKS SYNDICATE.....

Drill Hole Log

Dip Tests

At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....

Property..... Shale-Reno.....
 At.....
 Claim No.....
 Working Place.....
 Baseline Footage.....
 Baseline Offset.....
 Date Started.....
 Date Completed.....

Hole Number.....
 Dip.....
 Length.....
 Bearing.....
 Elev. Collar.....
 Horiz. Trace.....
 Vert. Trace.....
 Date Logged.....

SR #4 - 3

FROM	TO	CORE REC.	DESCRIPTION (continued, page 3)	SAMPLE NUMBER	ASSAY
89.5	152	56.8/62.5	Chloritic quartz-sericite phyllite. Light greenish grey with some interstratified fine laminae of buff bleached sericite. Minor clusters of pyrite in places. Detail: 90.5: Pyrite grains showing good cubic crystals along F_2 . Pressure shadow around some of the grains. CaCO_3 bordering some of the pyrite. $F_2 \approx 75 \sim 80^\circ$; F_1 sub-parallel to core axis. 95 - 96: Bleached sericite phyllite. Light greenish buff colour. Gradual change to far more chloritic facies at both ends. $F_2 \approx 75 \sim 80^\circ$. F_1 - sub-parallel to core axis. 99 - 99.5: Bull quartz. Solid, barren. First contact $\approx 45^\circ$; second contact $\approx 65^\circ$. 103 - 104.5: Bull quartz. Barren. Calcite stringer at 103.5'. First contact $\approx 50^\circ$; second contact $\approx 80^\circ$. 106.9 - 113: Prominent fine interlamination of chlorite and bleached sericite. Rock has green striped appearance. Minor sulphide showing as cluster or trains along F_2 . $F_2 \approx 60^\circ$. F_1 - subvertical to F_2 . Note: At 111.5 - fine-grained sulphide band parallel to F_2 . Band characterized by quartz-sericite-sulphide and inter-layered bleached sericite. Band $\approx 3/4"$. 113 - 114: Greenish buff bleached sericite phyllite. $F_2 = 85^\circ$; F_1 indistinct.		
			END OF HOLE		

Logged by.....

Company PELLEY BANKS SYNDICATE

Drill Hole Log

SR #4 -4

Dip Tests

At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....

Property Shale-Reno
 At.....
 Claim No.....
 Working Place.....
 Baseline Footage.....
 Baseline Offset.....
 Date Started.....
 Date Completed.....

Hole Number.....
 Dip.....
 Length.....
 Bearing.....
 Elev. Collar.....
 Horiz. Trace.....
 Vert. Trace.....
 Date Logged.....

FROM	TO	CORE REC.	DESCRIPTION (continued, page 4)	SAMPLE NUMBER	ASSAY
			114 - 115.5: Bull quartz. Contacts broken grd.		
			115.5 - 127.5: Chlorite-rich interval. Greenish in general appearance with widely-spaced fine laminae of bleached sericite; occasional pyrite grains. $F_2 = 80 \sim 85^\circ$. F_1 subvertical to F_2 .		
			127.5 - 128: Shear zone. Broken core with distinct shear planes and minor gouge.		
			131 - 152: Similar to 115.5 - 127.5 but with more bleached sericite laminae. $F_2 = 80 \sim 85^\circ$. $F_1 \approx$ subvertical to F_2 . F_1 fold noses in core.		
			152: Contact with dark grey quartz sericite phyllite. Contact $\approx 80^\circ$.		
152	153	1/1	Quartz sericite phyllite - generally dark grey in colour with white stripes. The quartz usually as bands parallel to F_2 . F_1 marked by carbonates. $F_2 \approx 75 \sim 80^\circ$. F_1 subparallel to core axis.		
			153: Contact with chloritic sericite phyllite. Contact $\approx 80^\circ$.		
153	158	4.8/5	Chloritic quartz sericite phyllite - striped green and white in general appearance. Occasional grain of pyrite. Trace calcite. $F_2 = 80^\circ$. F_1 subvertical to F_2 .		
			158: Short contact of fine grain and finely laminated chlorite sericite phyllite. Contact $\approx 80^\circ$.		
			END OF HOLE		

Logged by.....

Company PELLY BANKS SYNDICATE

Drill Hole Log

Dip Tests

At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....

Property Shale-Reno
 At.....
 Claim No.....
 Working Place.....
 Baseline Footage.....
 Baseline Offset.....
 Date Started.....
 Date Completed.....

Hole Number SR #4-5
 Dip.....
 Length.....
 Bearing.....
 Elev. Collar.....
 Horiz. Trace.....
 Vert. Trace.....
 Date Logged.....

FROM	TO	CORE REC.	DESCRIPTION (continued, page 5)	SAMPLE NUMBER	ASSAY
158	191	27/33	<p>Chlorite sericite phyllite. Greenish rock with fine laminae of buff bleached sericite. Rock has appearance of fine grain pelitic sediments. Sulphides, mostly pyrite, occurring as isolated crystals and blebs/lenses parallel to foliation. Sulphides \approx 2%. $F_2 = 70 \sim 80^\circ$. F_1 subvertical to F_2. Sulphides in both foliations.</p> <p>N.B: Sulphides are very fine grained to be accurately identified. The lenses and blebs appear to have been precipitated together with the formation of surrounding rocks. Such lenses/blebs show same deformation as shown by country rock. This is clearly shown in 190-191 where sulphide bands mark F_1 and are transposed by F_2.</p> <div style="text-align: center;"> </div> <p>F_1 with sulphides - pyrite/chalcopyrite and trace galena and sphalerite.</p>		
191	272	70/81	<p>Chlorite sericite phyllite. Same rock type as above but less sulphides showing except for occasional grains of pyrite/chalcopyrite as either isolated crystals or as trains along F_1. Estimated total sulphides $< 1\%$. Short intervals of bull quartz at 212', 215', 219', 230', 236', 250' and 255'.</p> <p>215.5: Tight shear healed by calcite and chlorite.</p> <p>$F_2 = 75^\circ \sim 80^\circ$. $F_1 \approx$ subvertical to F_2.</p>		
END OF HOLE					

Company PELLE BANKS SYNDICATE

Drill Hole Log

Dip Tests

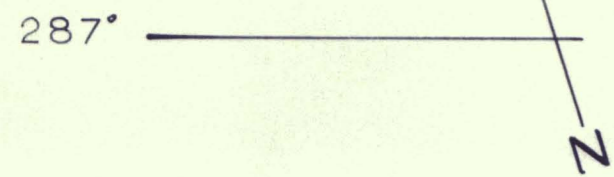
At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....
 At..... Ft.....

Property Shale-Reno
 At.....
 Claim No.....
 Working Place.....
 Baseline Footage.....
 Baseline Offset.....
 Date Started.....
 Date Completed.....

Hole Number SR #4 - 6
 Dip.....
 Length.....
 Bearing.....
 Elev. Collar.....
 Horiz. Trace.....
 Vert. Trace.....
 Date Logged.....

FROM	TO	CORE REC.	DESCRIPTION (continued, page 6)	SAMPLE NUMBER	ASSAY
			215 - 272: Increase in chloritic constituent. Intervals of knotted chlorite giving rock mottled appearance especially noticeable on end surfaces of core. Sulphide grains occasionally along F ₁ and F ₂ , i.e. 264'. Widely-spaced interlaminated greenish buff bleached sericite section along run. F ₂ = 80°. F ₁ subvertical to F ₂ .		
272			END OF HOLE		
			Comments: (1) Hole shows definite mineralization, although weak, contemporaneous with sedimentation. (2) Graphitic horizon appears terminated by fault and thus contact does not indicate limit of ponding basin.		
			END OF HOLE		

Logged by Alexander Y. Po.



20-75

"PELLEY BANKS SYNDICATE"
cut lines + d.d.h. locations
relative to claim boundaries

POST LOC - ■

DDH LOC ●

SCALE: 1" = 600'

