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November 26th, 1974

W.J.  
D.M.H.  
G.M.H.  
M.D.R.  
I.D.B.  
K.D.S.  
G.R.  
I.W.B.

E.C.J.

Mr. Glen Hogg,  
Vice-President, Exploration,  
Kerr Addison Mines Limited,  
P.O. Box 45,  
Commerce Court West,  
Toronto, Ontario.

Dear Glen:

As a follow-up of our telephone conversation of today I am enclosing a report by Pat Heenan of September 15th, 1973 and three longitudinal sections of the Thompson Creek Zone. The Thompson Creek deposit is located on Frances Lake which is some 80 miles south of Ross River.

I believe the mineralization of the Thompson Creek deposit is similar to the Anvil and Aex deposits. To further explore the zone it appears that the most suitable technique would be drilling.

The deepest hole drilled was number 25. The values intersected are within a broad synclinal structure and the downward extension remain to be tested. The values are:

<u>From</u>	<u>To</u>	<u>Silver</u>	<u>Lead</u>	<u>Zinc</u>
399.8	404.0	2.1	7.45	6.19
460.0	467.0	3.72	6.37	11.49

At this time I would like to establish if drilling of this project would be of interest to Kerr Addison. If there is interest we can dig into other details and proposals for financing. If other participation is required Mitsui have expressed interest.

Your response will be appreciated.

Yours truly,

NEW JOBURKE EXPLORATIONS LTD.,

Leon

Leon La Prairie, P. Eng.

LL/kf  
enc.

REPORT ON

NEW JOBURKE EXPLORATIONS LIMITED

FRANCES LAKE PROPERTY

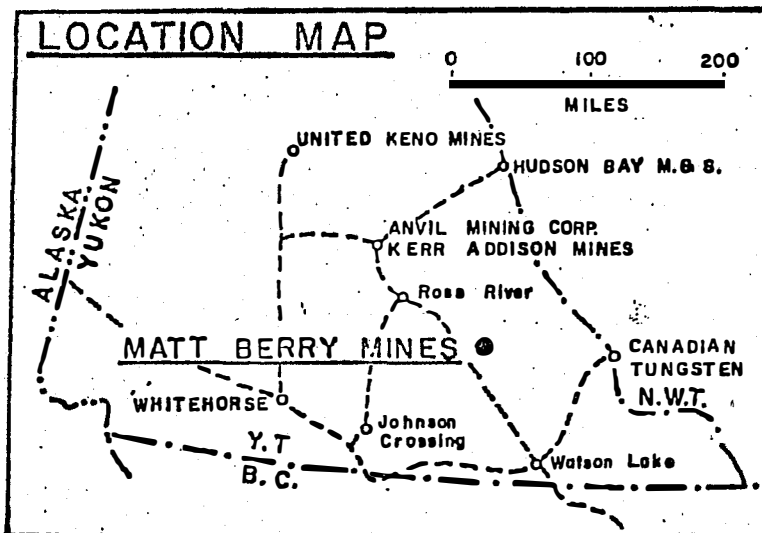
YUKON TERRITORY

Toronto, Ontario.  
September 15th, 1973.

P. R. Heenan, P. Eng.

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## PREAMBLE

This study and report on the Matt Berry Property of New Joburke Explorations Ltd. has been carried out on the request of Dr. G. B. Langford, President of New Joburke Explorations Limited.

The purpose of the work was to assess the potential of the property, specifically the Thompson Creek Zone and to determine what work, if any, should be carried out.

A review of all information including reports, maps, and drill logs dating back to 1966 was made available at the New Joburke Explorations Ltd. office in Toronto, Ontario. For further information and detail the reader is referred to the various reports listed in the reference.

The writer was on the Frances Lake property in the mid 1960's and has carried out property examinations in the general region and throughout the Yukon over the last twenty years.

## SUMMARY

The property is located on the Eastern Arm of Frances Lake in the Yukon Territory. It is about 90 miles north of Watson Lake.

Although the original discovery was made in the late 1930's, the Matt Berry involvement dates from 1966 when Matt Berry Mines Limited was formed to develop the property.

Surface geological mapping, geophysical surveys, surface trenching and a total of 9,517 feet of diamond drilling have been completed on the property.

The present high prices of silver, lead and zinc, the improved transportation facilities and the better labour supply are all factors that lend support to the consideration of carrying out additional drilling to test the Thompson Creek Zone at depth.

The cost involved to carry out the proposed program is estimated at \$ 104,000.

## PROPERTY LOCATION

The property consists of 112 unpatented mineral claims in the Watson Lake Mining Division. They are in good standing by virtue of assessment credits from the filing of previous work.

It is located on the East Arm of Frances Lake which is about 90 miles north of Watson Lake in the Yukon Territory.

A field project can be serviced by float aircraft or from the highway along the west shore of Frances Lake and then by boat or bombardier to the campsite. Regular radio telephone service is available to outside points via C. N. Radio communications.

## GEOLOGY

The area is underlain by dark grey to black phyllites. In general this formation strikes NW-SE and dips to the north east at 45°-50°. The phyllites are in part banded usually silicious and therefore often display very sharp edges. Foliation is present and usually discordant to the bedding planes.

Within this phyllite formation and above the Thompson Creek Zone is a layer of Quartz sericite schist. It is about 150 feet in thickness.

The phyllites are bounded on the north east by hornfels which occur along the contact of a large granite intrusive and on the south west another sequence of grey to black phyllites.

The sediments have been mapped as undivided paleozoic - map 1948A, Dept. of Mines and Technical Surveys and as Devonian / Mississippian - GSC Map 6 -1966 .

Weak regional metamorphism has affected the sediments. The grade of metamorphism appears to decrease in a westerly direction away from the granite intrusive.

A number of faults have been identified on the air photos and some have been identified on the ground and in some sections of the drill core. The most common faults strike E-W and dip steeply to the north. These faults have horizontal displacement with the south section moving east. The second set of faults strike N-S and presumably have steep dips. Some faults also strike in a NW-SE direction.

## HISTORY

The original discovery of silver-lead-zinc was made on the claims in the late 1930's and was prospected for Cominco in 1943. The property was later hand trenched and sampled by Datlaska Mines Ltd. in the early 1960's. In 1966 Matt Berry Mines Ltd. was formed to develop the showing. A program of hand trenching and prospecting was undertaken in the vicinity of a mineralized outcrop in the Thompson Creek Canyon, followed by a drilling program of 2,120 feet. During July 1968, an EM 16 survey and a geochemical survey were conducted. From November, 1968, to May, 1969, an additional 4,200 feet were drilled. In June, 1969, a geophysical turam electromagnetic survey was conducted over about 500 acres which included the area previously drilled and surveyed. During late 1969 and early 1970 there was an additional 1,349 feet drilled.

Under a working agreement with Canadian Nickel Company Limited and Metallgesellschaft Canada Limited, a regional exploration program covering some 1200 square miles was carried out during the later part of 1970 and 1971. This work consisted of a program of geochemical and geophysical surveys and geological mapping of an area covering some 15 square miles. Also during the working agreement in 1970 an additional 1,282 feet of diamond drilling was done on the northwesterly extension of the Thompson Creek Zone. In the 1971 program six Winkie EX diamond drill holes for a footage of 694 feet were completed in two drill sections to test a surface geochemical and geophysical anomaly located about three and a half miles southeast of the Thompson Creek Zone.

A total of 9,517 feet of diamond drilling has been completed on the property.

On August 11th, 1973 the Company was granted a working option by Matt Berry Mines Limited and has acquired a 40% interest in the 112 mining claims. The consideration for this interest was the issuance to Matt Berry of 300,000 escrowed shares of the Company together with \$ 6,000. paid in cash. The Company has an option to increase its position to a 60% interest by completion of \$ 100,000. exploration and development work on the property by June 30th., 1975.

## THE THOMPSON CREEK ZONE

Early work classified the mineralization as vein deposits, however, a more thorough and detailed study carried out by the staff of Canico-Metall-Matt Berry Venture classified the deposit as of the stratabound sulphide type.

Sulphide mineralization consists mainly of galena and sphalerite. It occurs in one to three zones within a common horizon which is 25 to 30 feet in thickness. This horizon lies about 5 feet above the foot wall of the black phyllites.

A series of E-W striking faults dipping steeply to the north transect the area of the Thompson Creek zone and slice up the ore horizon considerably.

In the area drilled the more massive and wider mineralization within the zone is near the axis of the synclinal structure. A potential of 0.3 to 0.5 million tons having a grade of 2-3 oz. Ag and 10-15% combined Pb and Zn per ton might be inferred provided the continuity of mineralization between drill holes is assumed.

The grade of mineralization along a strike length of about 300 feet within the central part of the synclinal structure is calculated at 4.3 oz. Ag., 9.1% Pb. and 5.3% Zn per ton. Basis for the selection of holes was a fair to good core recovery as shown in the table below.

Hole	Width	Ag.	Pb.	Zn.	Sb	Core Recovery
1	*6.0'	7.10	15.27	4.84	.60	100%
2	*6.0'	6.50	13.50	10.80	.29	100%
4	*6.0'	2.35	6.04	1.26	.09	60%
6	*6.0'	1.95	6.77	3.54	.54	60%
7	*6.0'	8.94	14.80	2.54	.25	95%
23	*6.0'	2.60	5.00	11.20	-	90%-95%
25	6.0'	1.47	5.20	4.32	.35	90%-95%
28	7.0'	4.15	6.67	3.82	-	100%
Average	<u>6.0'</u>	4.3	9.1	5.3	.38	

\* Calculated for 6.0'

For 10' grade becomes  $\frac{6 \times 14.4 (\text{Comb})}{10} = 8.64\% \text{ Comb.} + 2.58\% \text{ Ag.}$

## CONCLUSION

Some deep drilling to test the extension and grade of mineralization at depth is warranted.

## RECOMMENDATIONS

It is recommended that two tiers of vertical drill holes using NXQ equipment be drilled to test the structure at about 450 feet and 700 feet below surface. This drilling should be carried out in the area between sections 5 + 00S and 20 + 00S. It should include five 500 foot holes and five 800 foot holes for a total footage of 6500 feet.

## COST OF PROGRAM

An estimate of the cost of the drill program as outlined is \$ 104,000. A tabulation of this cost is as follows:

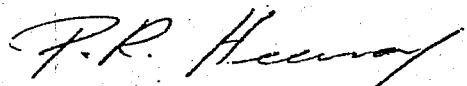
Drilling NXQ all inclusive 6,500' @ \$ <u>13.00</u> per foot.	\$ 84,500.
Camp, Transportation, Assaying	7,000.
Supervision	6,000.
Contingencies	6,500.
Total	<hr/> \$104,000.

CERTIFICATION

I, PATRICK RAYMOND HEENAN, of the Town of  
Oakville, in the Province of Ontario, hereby certify as follows:

- 1) THAT I reside at 404 Spruce Street, Oakville, Ontario.
- 2) THAT I am a Mining Geologist and a member of the Association of Professional Engineers of the Province of Ontario.
- 3) THAT I am a graduate of the University of Toronto as a Mining Geologist with a Bachelor of Applied Science degree and that I have been practicing my profession since 1949.
- 4) THAT I have no personal interest direct or indirect in the property described in this report and that I do not expect to receive any interest therein.
- 5) Data was obtained from personal examination of the properties in the Frances Lake area and throughout the Yukon on several occasions over a period of twenty years and from published and unpublished reports by other investigators.

DATED at Toronto, Ontario  
September 15th. 1973



P. R. Heenan, B. A. Sc., P. Eng.

## References and Additional Information

- Willcox, J. A. Report on Matt Berry Mines Ltd.,  
June 20, 1966.
- Archer, A. R. Geological Evaluation on Matt Berry  
Mines Ltd., June 1969.
- Baird, Jon G. (1969) Report on a Turam Electromagnetic Survey,  
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- Dundas, T. R. (1970) Geophysical Orientation Survey for Canico-  
Metall-Matt Berry Joint Venture, Frances Lake  
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- La Prairie, L. F. (1970) Progress Report Joint Venture, Canico, Metall,  
Matt Berry, December 15, 1970.
- Sturm, A. G. (1970) Report on a Geochemical Orientation and Stream  
Sediment Survey, Frances Lake area, Yukon, Terr.  
Kenting Earth Sciences.
- Thalendorst, H. (1970) Geological Report, on Mineral Claims, Matt-Jim-  
Berry-Lap-Apex-Don Joint Venture, Frances Lake  
Area, Yukon, September and October, 1970.
- Thalendorst, H. (1971) Microscopical investigation of rocks around the  
eastern arm of Frances Lake, Y. T.  
Unpublished private report, May 22, 1971.
- Thalendorst, H. (1971) Report on Pyrrhotite Anomaly, Eastern Shore of  
Frances Lake Joint Venture, July 1971
- Thalendorst, H. (1971) Report on Work done in the Reconnaissance Search  
Zone, Frances Lake Area, Yukon, December 1971.
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Appendix "A"

CLAIM DATA

The claims are all registered in the name of Matt Berry  
Mines Limited as:

<u>RECORDED</u>	<u>NO. OF CLAIMS</u>	<u>EXPIRY</u>
Matt 1-8 86874-81	8	Jan. 7, 1975
Jim 1-4 86882-85	4	Jan. 7, 1975
Berry 1-8 Y7688-95	8	Jan. 7, 1975
Berry 15-20 Y7702-07	6	Jan. 7, 1975
Berry 25-30 Y7712-17	6	Jan. 7, 1975
Don 1-52	52	Apr. 29, 1974
Frances 1-14 Y27758-71	14	Jan. 7, 1975
Frances 15-16 Y27772-73	2	Jan. 7, 1975
Frances 17-28 Y28974-85	12	Jan. 7, 1975

Appendix "B"

## DIAMOND DRILL ASSAY RESULTS

FRANCES LAKE - YUKONPREVIOUS RESULTS

## DIAMOND DRILL ASSAY RESULTS - HOLE 1 - 13 (1966)

<u>WIDTH</u>	<u>FROM</u>	<u>TO</u>	<u>SILVER</u>	<u>LEAD</u>	<u>ZINC</u>	<u>ANTIMONY</u>
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Hole No. 1 @ 30° - Section S - 10 + 50

3.5 ft.	40.0	43.5	2.3 oz.	6.25	11.69	.22
2 ft.	66.0	68.0	21.4 oz.	45.84	14.54	.60

Hole No. 2 @ 60° - Section S - 10 + 50

2 ft.	38	40	6.1 oz.	10.65	10.34	.02
5 ft.	57	62	7.9 oz.	16.34	13.01	.35

Hole No. 3 @ 90° - Section S - 10 + 50

2 ft.	41	43	4.0 oz.	12.22	4.23	.05
3 ft.	45.5	48½	.6 oz.	.3%	9.79	.06
1 ft.	64.5	65.5	1.0 oz.	2.6	13.39	.19

Hole No. 4 @ 60° - Section S - 11 + 100

1 ft.	36	37	2.8 oz.	8.38	9.49	.02
3 ft.	42.6	45.6	4.7 oz.	12.09	2.53	.18
2 ft.	55	57	4.2 oz.	10.13	8.74	.14

Hole No. 5 @ 30° - Section S - 10 + 50

8 ft.	39	47	.7	1.0	7.30	.025
5 ft.	58	63	1.84	6.54	4.78	1.19

Hole No. 6 @ 60° - Section S - 11 + 50

3 ft.	34	37	3.9	13.54	7.08	1.08
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Hole No. 7A @ 70° - Section S - 15 + 50

2 ft.	86.0	88.0	11.8	28.2	3.1	.80
2.5 ft.	95.	97.5	21.33	35.2	6.16	.60

Hole No. 8 @ 60° - Section S - 14 + 00

No assays outside zone

## Appendix "B"

## DIAMOND DRILL ASSAY RESULTS

FRANCES LAKE - YUKONPREVIOUS RESULTS

<u>WIDTH</u>	<u>FROM</u>	<u>TO</u>	<u>SILVER</u>	<u>LEAD</u>	<u>ZINC</u>	<u>ANTIMONY</u>
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Hole No. 9A @ 70° - Section S - 15 + 50

1 ft.	61.5	62.5	8.6	13.7	2.3	.23
2 ft.	77	79	.7	1.2	16.4	.57
4.5 ft.	90.5	95.0	10.6	32.8	22.3	1.47

Hole No. 10 @ 60° - Section S - 13 + 00

0.5	171.0	171.5	5.64	13.9	Tr.	
1.0	173.25	174.25	2.96	8.3	8.0	
2.25	174.25	176.5	2.04	3.6	.07	
1.0	176.5	177.5	3.16	6.6	3.2	
1.5	179.5	181.0	6.60	14.6	4.0	
1.5	202.5	204.0	12.20	17.2	5.4	
4.25	173.25	177.5	2.37	5.10	2.52	

Hole No. 11 @ 60° - Section - 8 + 25

Two veins had been cut, one at 69 feet and one about 79 feet. Core recovery was extremely poor and the scattered mineralization recovered was not assayed.

Hole No. 12 @ 60° - Section - 8 + 25

2½ ft.	78.5	81.0	2.9	3.0	3.6	
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The above information is from a fracture zone and appears to be the main MATT ZONE - recovery was extremely poor in area of sulphides.

Hole No. 13 @ 90° - Section - 6 + 10

No mineralized intersections were cut and it appears that the hole was set too far to the west to intersect the main Matt Zone.

Hole No. 14 - 17 - 1968Hole No. 14 @ 90° - Section - 14 + 75

7.5	250.5	258.0	7.20	15.08	11.60	
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Hole No. 15 @ 90° - Section - 16 + 50

4.8	191.5	196.3	2.93	5.87	5.35	
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## Appendix "B"

## DIAMOND DRILL ASSAY RESULTS

FRANCES LAKE - YUKONPREVIOUS RESULTS

<u>WIDTH</u>	<u>FROM</u>	<u>TO</u>	<u>SILVER</u>	<u>LEAD</u>	<u>ZINC</u>	<u>ANTIMONY</u>
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Hole No. 16 @ 90° - Section - 18 + 50

6.4	91.6	98.0	2.93	5.76	9.05	
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Hole No. 17 @ 60° - Section - 18 + 50

9.5	63.0	72.5	.63	2.3	7.5	
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Hole No. 18 @ 90° - Section 18 + 50 - start of 1969 drilling

3.0	185	188	1.0	1.71	1.48	.02
	185	246	Matt Zone - Scattered mineralization			

Hole No. 19 @ 90° - Section - 21 + 50

3.0	117.0	120.0	1.20	.70	.41	
	108.5	152.1	Matt Zone - Scattered Mineralization			

Hole No. 20 @ 90° - Section - 20 + 00

	239	350	Matt Zone - Scattered mineralization			
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Hole No. 21 @ 75° - Section - 18 + 00

To be deepened

Hole No. 22 @ 75° - Section - 16 + 00

2.3	327.7	330.0	4.44	12.3	7.4	.05
2.4	339.6	342.0	9.10	17.4	26.1	.31
3.4	345.0	348.4	3.67	7.0	4.5	.17
6.0	361.0	367.0	.87	1.53	3.07	.01

Hole No. 23 @ 75° - Section - 14 + 00

3.8	286	289.8	4.14	8.00	17.9	Tr.
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Hole No. 24 @ 90° - Section - 14 + 00

3.9	285.9	289.8	.46	.62	10.0	.18
2.0	306.2	308.3	.62	1.30	10.3	.04

Hole No. 25 @ 70° - Section 15 + 60 - Core recovery 90%

4.2	399.8	404.0	2.1	7.45	6.19	.50
7.0	460.0	467.0	3.72	6.37	11.49	.91

Hole 26A @ 70° - Section - 13 + 37 - core recovery 50%

6.5	422.0	428.5	.62	3.19	3.55	.046
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## DIAMOND DRILL ASSAY RESULTS

<u>WIDTH</u>	<u>FROM</u>	<u>TO</u>	<u>SILVER</u>	<u>LEAD</u>	<u>ZINC</u>	<u>ANTIMONY</u>
--------------	-------------	-----------	---------------	-------------	-------------	-----------------

Hole No. 27 @ 70° - Section

Drilling abandoned at 70 feet due to ground conditions.

Hole No. 27 A @ 70° - Section

Drilling abandoned at 377.0 feet due to difficult drilling conditions and closing down for Christmas holidays on December 20th, 1969.

JOINT VENTURE RESULTS (Thompson Creek Zone)

Hole No. 28 @ 70° - Section 12 + 00S @ 1 + 77 N

6.0	158	164	4.72	7.52	3.78
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158 - mineralized zone.

Hole 29 @ 70° - Section 7 + 43S @ 3 + 10 N

6.5	293.5	300.0	1.89	4.45	3.04
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Hole 30 @ 70° - Section 2 + 00 S @ 3 + 82 N

7.0	89	96	2.76	5.54	2.85
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Hole 31 @ 65° - Section 5 + 92 S @ 6 + 94 N

Intersected vertical fault 50' above target area

## DIAMOND DRILL ASSAY RESULTS

DIAMOND DRILLING 1971JOINT VENTURE

( 2-A Anomaly )

<u>WIDTH</u>	<u>FROM</u>	<u>TO</u>	
<u>Hole No.32 @ 60° - Iris Section 20 + 00 N @ 1 + 75 E</u>			
7.0 ft.	51	58	5% to 10% pyrrhotite est.
<u>Hole No. 33 @ 60° - Iris Section 20 + 00 N @ 0 + 50 E</u>			
5.0 ft.	65	70	massive quartz with about 20% pyrrhotite
<u>Hole No. 34 @ 50° - Iris Section 20 + 00 N @ 1 + 46 E</u>			
7.5 ft.	60.5	68	5 % pyrite and pyrrhotite est. No base metal sulphides visible.
<u>Hole No. 35 @ 60° - Iris Section 12 + 00 N @ 2 + 00 E</u>			
30 ft.	35	65	Fault zone.
<u>Hole No. 36 @ 55° - Iris Section 12 + 00 N @ 1 + 60 E</u>			
Several Fault Zones - minor sulphides only.			
<u>Hole No. 37 @ 55° - Iris Section 12 + 00 N @ 0 + 50 E</u>			
6 ft.	31	37	Zone of quartz and pyrite
1.5 ft.	66	67.5	Massive quartz with a stringer of massive pyrrhotite containing some chalcopyrite.

EX core - Winkie Drill.

Appendix "C"

DIAMOND DRILL HOLE DATA

FRANCES LAKE - YUKON

PREVIOUS DRILLING RECORD

1966 DRILLING COMPLETED (AQ CORE)

Hole No.	66-1	-	12 foot casing	166'	depth
	66-2	-	15 foot casing	122'	depth
	66-3	-	12 foot casing	71'	depth
	66-4	-	12 foot casing	141'	depth
	66-5	-	8 foot casing	93'	depth
	66-6	-	34 foot casing	148'	depth
	66-7	-	25 foot casing	25'	depth
	66-7A	-	56 foot casing	141'	depth
	66-8	-	25 foot casing	178'	depth
	66-9	-	18 foot casing	18'	depth
	66-10	-	12 BX casing	246'	depth
	66-11	-	12 foot casing	194'	depth
	66-12	-	10 foot casing	100'	depth
	66-13	-	32 foot casing	279'	depth
	66-14	-	42 foot casing	69'	(hole frozen in)
Total footage drilled in 1966				<u>1,991'</u>	

1968 DRILLING COMPLETED (AQ CORE)

Hole No.	66-14	-	42 foot casing	205'	in December
	68-15	-	61.5 foot casing	421'	
	68-16	-	31.5 foot casing	112'	
	68-17	-	37.0 foot casing	37.0'	
Total footage drilled in 1968				<u>775.0</u>	

1969 DRILLING COMPLETED (BQ CORE)

Hole No.	68-17	-	see above	78'	
	69-18	-	93.0 foot casing	331'	
	69-19	-	82.0 foot casing	407'	
	69-20	-	117 foot casing	433'	
	69-21	-	110 foot casing	340'	
	69-22	-	77 foot casing	503'	
	69-23	-	47 foot casing	425'	
	69-24	-	32 foot casing	409'	
	69-25	-	63 foot casing	500'	
	69-26	-	20 foot casing	409'	
	69-26A	-	16 foot casing	492'	
	69-27	-	17.5 foot casing	70'	
	69-27A	-	20 foot casing	377'	
Total footage drilled in 1969				<u>4,774'</u>	

Appendix "C"

DIAMOND DRILL HOLE DATA

JOINT VENTURE RECORD

1970 DRILLING COMPLETED (NQ CORE)

Hole No. 70-28	-	21 foot casing	328'
70-29	-	27 " "	335'
70-30	-	47 " "	141'
70-31	-	29 " "	478'
Total footage drilled in 1970			1,282'

1971 DRILLING COMPLETED (WINKIE EX)

On 2A Anomaly in Reconnaissance Search Zone.

Hole No. 70-32	-	40 foot casing	91'
71-33	-	36 " "	116'
71-34	-	35 " "	120'
71-35	-	35 " "	65'
71-36	-	30 " "	175'
71-37	-	31 " "	127'
Total footage drilled in 1971			694'

NEW JOBURKE  
EXPLORATIONS LIMITED  
CLAIM PLAN  
FRANCES LAKE AREA  
YUKON TERRITORY

Sept. 15/73



A. N.

61° 30'

EAST  
ARM  
OF  
FRANCES  
LAKE

DON 1-52

FRANCES 15-28

BERRY 1-8,  
15-20, 25-30

MATT 1-8

THOMPSON CREEK ZONE

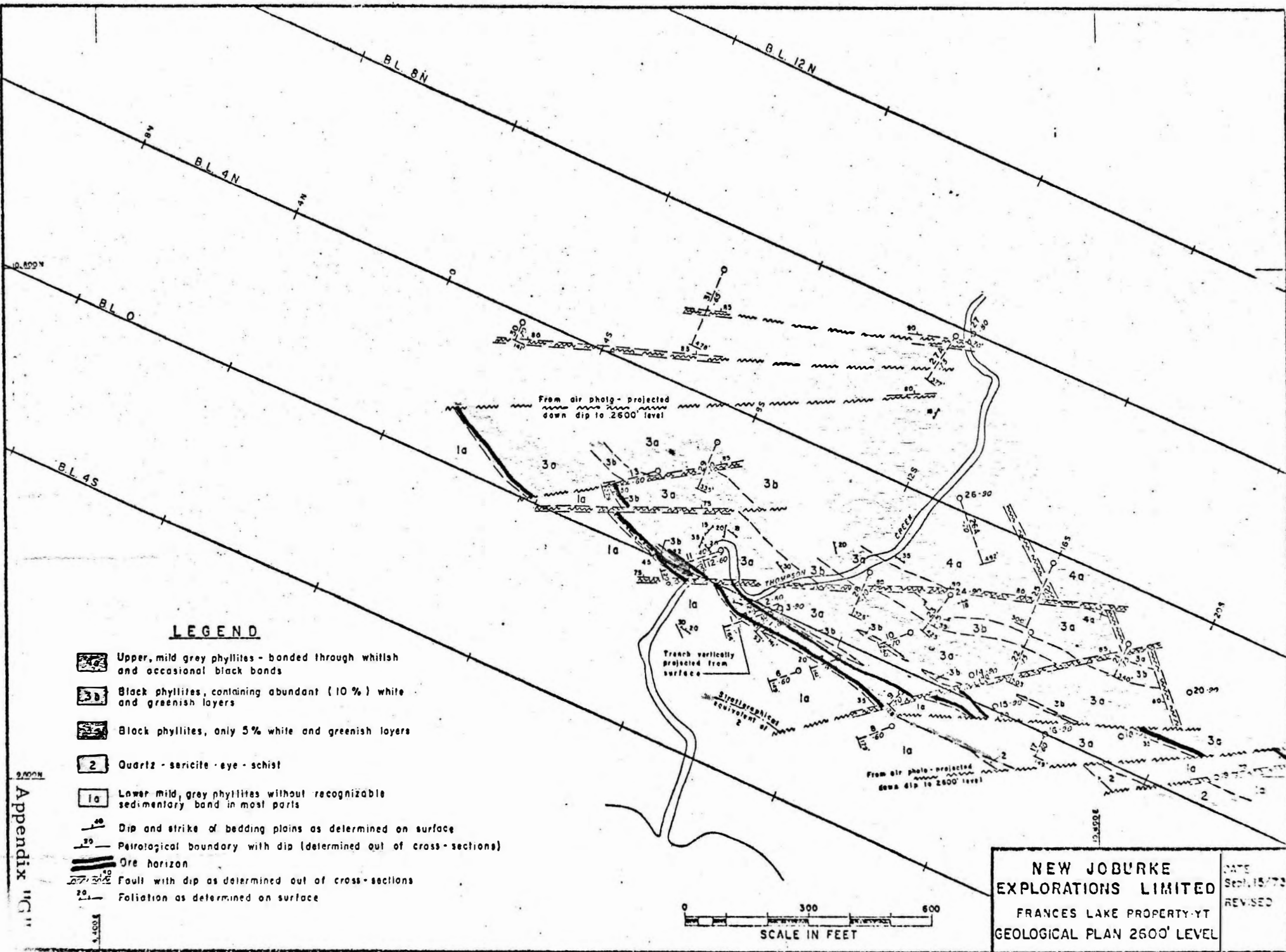
JIM 1-4

FRANCES 1-14











Thompson Ck.







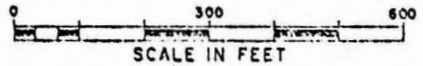
**LEGEND**

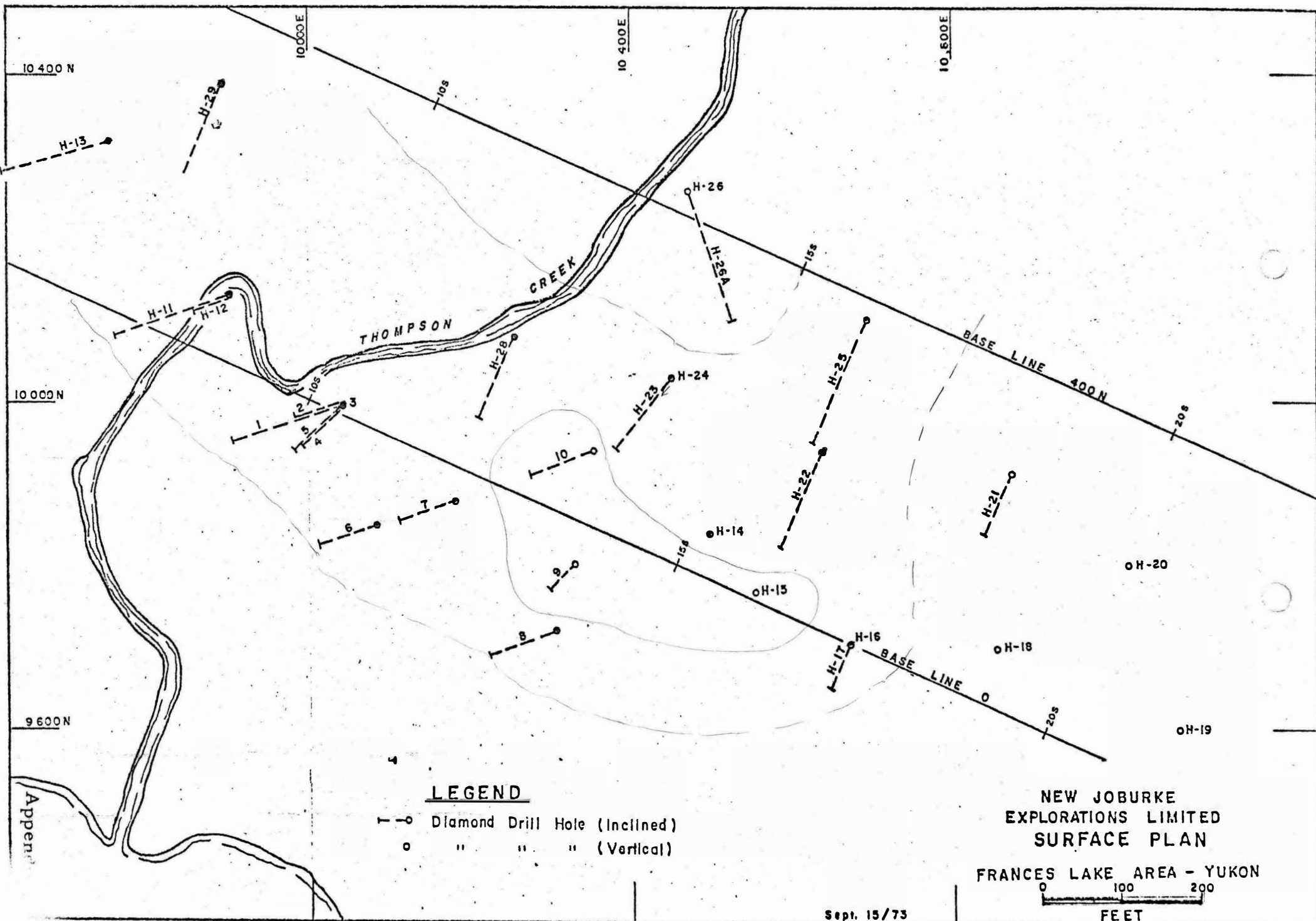
-  Upper, mild grey phyllites - banded through whitish and occasional black bands
-  Black phyllites, containing abundant (10%) white and greenish layers
-  Black phyllites, only 5% white and greenish layers
-  Quartz-sericite-eye-schist
-  Lower mild, grey phyllites without recognizable sedimentary band in most parts
-  Dip and strike of bedding planes as determined on surface
-  Petrological boundary with dip (determined out of cross-sections)
-  Ore horizon
-  Fault with dip as determined out of cross-sections
-  Foliation as determined on surface

**NEW JOBURKE  
EXPLORATIONS LIMITED**  
 FRANCES LAKE PROPERTY-YT  
 GEOLOGICAL PLAN 2600' LEVEL

DATE  
 Sept. 15/73  
 REVISED

Appendix "G"





10 400 N

10 000 E

10 400 E

10 600 E

10 000 N

9 600 N

Append

CREEK

THOMPSON

BASE LINE 400 N

BASE LINE 0

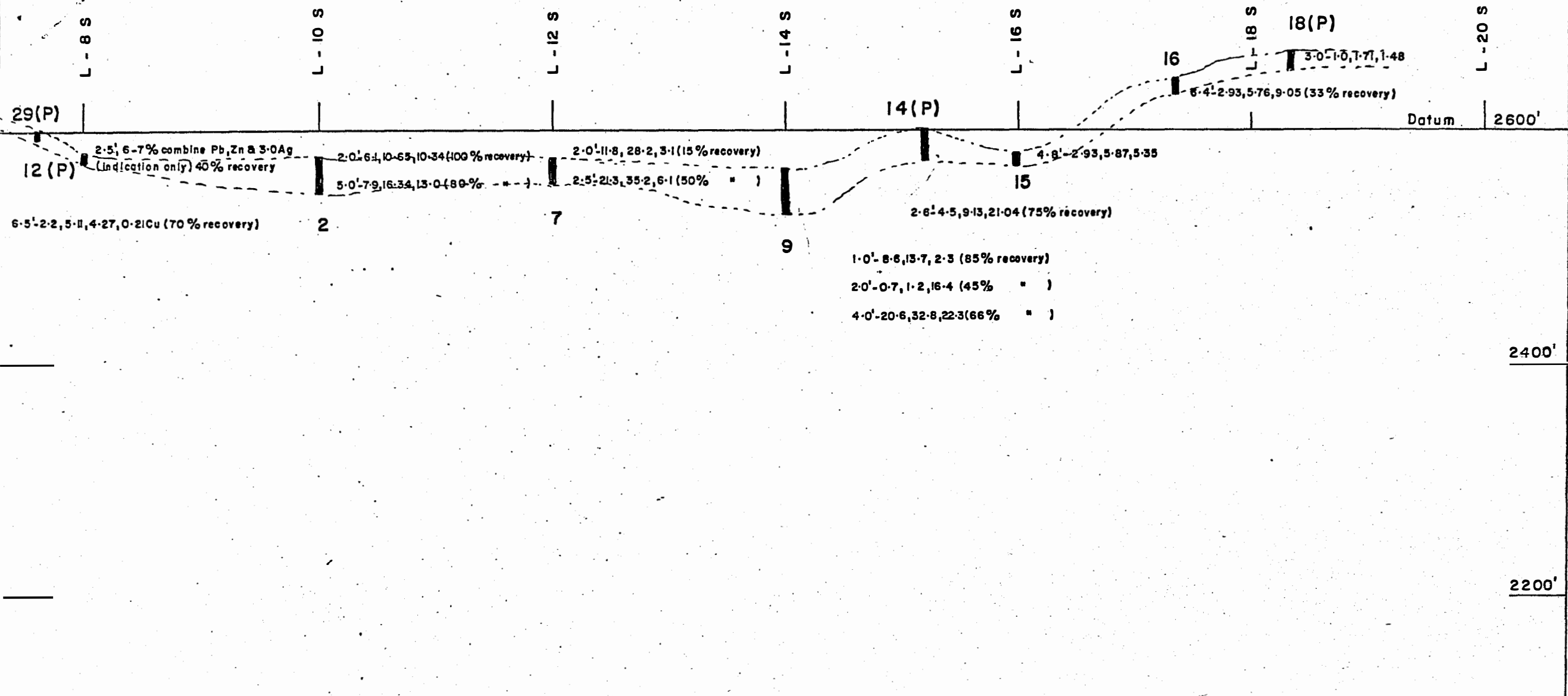
**LEGEND**

- Diamond Drill Hole (Inclined)
- " " " (Vertical)

NEW JOBURKE  
EXPLORATIONS LIMITED  
SURFACE PLAN

FRANCES LAKE AREA - YUKON  
0 100 200  
FEET

Sept. 15/73



12 Hole No.  
 (P) Projected  
 Assays Core length, Ag oz., Pb%, Zn%



FRANCES LAKE PROPERTY - Y.T.  
 LONGITUDINAL SECTION  
 0 - BASE LINE

L-8 S

L-10 S

L-12 S

L-14 S

L-16 S

L-18 S

L-20 S

Datum 2600'

3-0'-1-2, 0-70, 0-44

19(P)

3(P)

2-0'-4-0, 12-22, 4-23 (100% recovery)

3-0'-0-6, 0-31, 9-79 (90% )

1-0'-1-0, 2-6, 13-37 (100% )

24

3-9'-0-46, 0-62, 10-1 (50% recovery)

18(P)

6-0'-1-47, 5-2, 4-3 (100% recovery)

3-0'-1-0, 1-71, 1-48

29(P)

12

2-5'-6-7% combine Pb, Zn &  
3-0' Ag (indication only) 40% recovery

28(P)

6-0'-4-72, 7-52, 3-78

2-0'-0-62, 1-30, 10-3 (100% recovery)

0-5'-1-3, 2-4, 7-5-2 (83% )

7-0'-3-7, 6-36, 11-5 (100% " )

6-5'-2-2, 5-11, 4-27, 0-21 Cu (70% recovery)

2400'

2200'

FRANCES LAKE PROPERTY - Y.T.

LONGITUDINAL SECTION

2 N - BASE LINE

12 Hole No.  
 (P) Projected  
 Assays Core length, Ag oz., Pb%, Zn%



L - 8 S

L - 10 S

L - 12 S

L - 14 S

L - 16 S

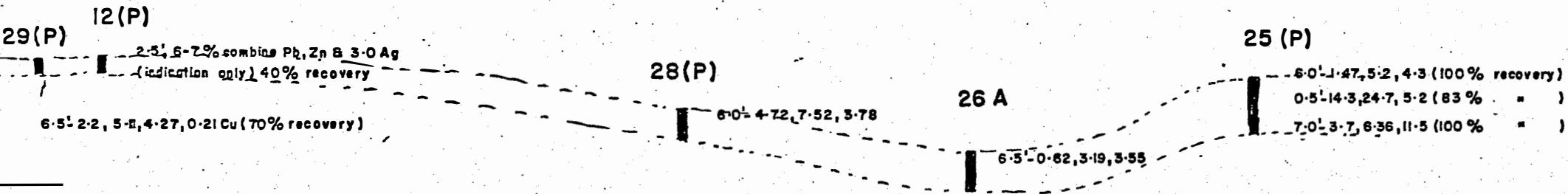
L - 18 S

L - 20 S

Datum 2600'

2400'

2200'



12 Hole No.  
 (P) Projected  
 Assays Core length, Ag oz., Pb %, Zn %

FRANCES LAKE PROPERTY - Y. T.

LONGITUDINAL SECTION

4 N - BASE LINE



Nov 26/74.

WM. Suida  
Vancouver office

Bill,

You are probably aware of this situation, and may have seen it. Anyway, if there is significant target potential it may be of particular interest to Kerr.

What do you think?

John.