

4843

104N/11W

GETHYN MINING LTD.

GEOMAGNETIC SURVEY

ATLIN MINING DIVISION, B.C.

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. **4843** MAP .....

MAPS

#1 Geomagnetic Survey

GETHYN MINING LTD.,  
201 - 1836 West 5th Ave.,  
Vancouver, B.C.

Gentlemen:

Report herein covers results of a preliminary geomagnetic survey performed over certain sections of your property located in the Atlin Area of British Columbia.

PROPERTY, LOCATION, ACCESS:

Geomagnetic coverage was performed over twelve placer mineral leases, namely Nos. 1746, 1748, 1749, 1751, 1752, 1757, 1758, 1760, all being contiguous, 1747, 1750, 1753, and 1754, the latter three being contiguous.

The property is located in the Atlin Mining Division some 10 miles east of the settlement of Atlin and is accessible by secondary roads directly onto the property. This road traverses the north side of Spruce Creek, the placer leases

being located chiefly on the south side of the Creek.

HISTORY:

The immediate region of the subject property is known for its contribution of gold metal derived from sands of the numerous creeks, and particularly that of the old Noland Mine camp. Prolific beds appear to be Tertiary in age.

Gethyn Mining obtained the leases in view that the red gravels characteristic on the property and elsewhere would contain sufficient gold to be of economic value.

Some placer mining was performed on the subject property, and a number of churn holes were located as outlined in report dated July 12, 1972, by Mr. L.J. Manning, P.Eng.

GEOPHYSICAL SURVEY:

Field Procedure: Employing a Sharpe MF.-1 Fluxgate magnetometer, serial No. 612250, a total of 1,118 recordings from the same number of stations were established at 100 ft. intervals along a grid over the subject leases with northeast-southwest crosslines each 400 ft. as reference

locations.

Control: Base stations for determining diurnal fluctuations were established at 600 ft. intervals along the baseline. Enclosure method was employed where the instrument operator, commencing at baseline station, records in gammas readings along a crossline returning on adjacent crossline to original recording on baseline. Phasing adjustments were then completed before plotting.

Prior to survey, instrument was preset and locked at 700 gammas over peg established at extreme west end of baseline.

Results: The area covered appears to be relatively flat magnetically with background of about 875 gammas through inspection. Magnetic coverage confirms a general undisturbed geological pattern void of contortion, distortion, or extreme faulting.

A slight geomagnetic buildup is noted in the central portion of lease #1749 along lines 56, 60, and 64 but has very little significance.

A total of 24 miles of grid was established including Base Control Line.

CONCLUSIONS AND RECOMMENDATIONS:

Geomagnetic results completed over certain lease holdings of Gethyn Mining Ltd. located in the Atlin Area of British Columbia resulted in a relatively flat magnetic pattern indicating underlying rock formations are not intensely contorted, distorted, or faulted.

Slight geomagnetic buildup occurs in lease #1749, but appears to have little significance.

It is recommended the remaining leases in the Gethyn 25 lease parcel be similarly covered, and that recommendations as outlined in report dated July 12, 1972, by Mr. L.J. Manning, P.Eng., be implemented when conditions allow.

GLK/lk

Respectfully submitted,

G.L. Kirwan, B.Sc., P.Eng.



Vancouver, B.C.

Dec. 14, 1973

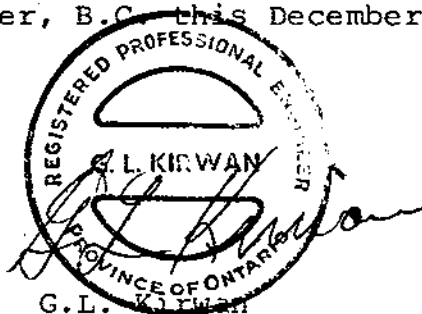
CERTIFICATE

I, GERALD L. KIRWAN of the City of Vancouver, B.C.

certify as follows:

1. THAT I am a Geologist maintaining an office in the City of Vancouver at 309-850 West Hastings St.
2. THAT I have been graduated from Carleton University, B.Sc., 1957, and that I have practised my profession continuously in association with senior mining firms as U.S. Steel Corp., Newmont Mining Corp., British Petroleum Corp., and Kerr Addison Gold Mines later being established as a Consultant in 1960.
3. THAT I am registered with the Association of Professional Engineers of the Province of Ontario as a Professional Engineer, I am a Fellow of the Geological Association of Canada, and a Member of the Canadian Institute of Mining and Metallurgy.
4. THAT I have no interest direct or indirect in the property or securities of Gethyn Mining Ltd. or subsidiaries nor do I expect any such interest.
5. THAT the accompanying report has been prepared by myself and is based upon study of relevant private reports and upon work performed under my guidance

DATED at the City of Vancouver, B.C. this December 14th, 1973.



Declared before me at the *City*  
of *Vancouver*, in the  
Province of British Columbia, this *20th*  
day of *December, 1973*, A.D.

*J L Kruiser*

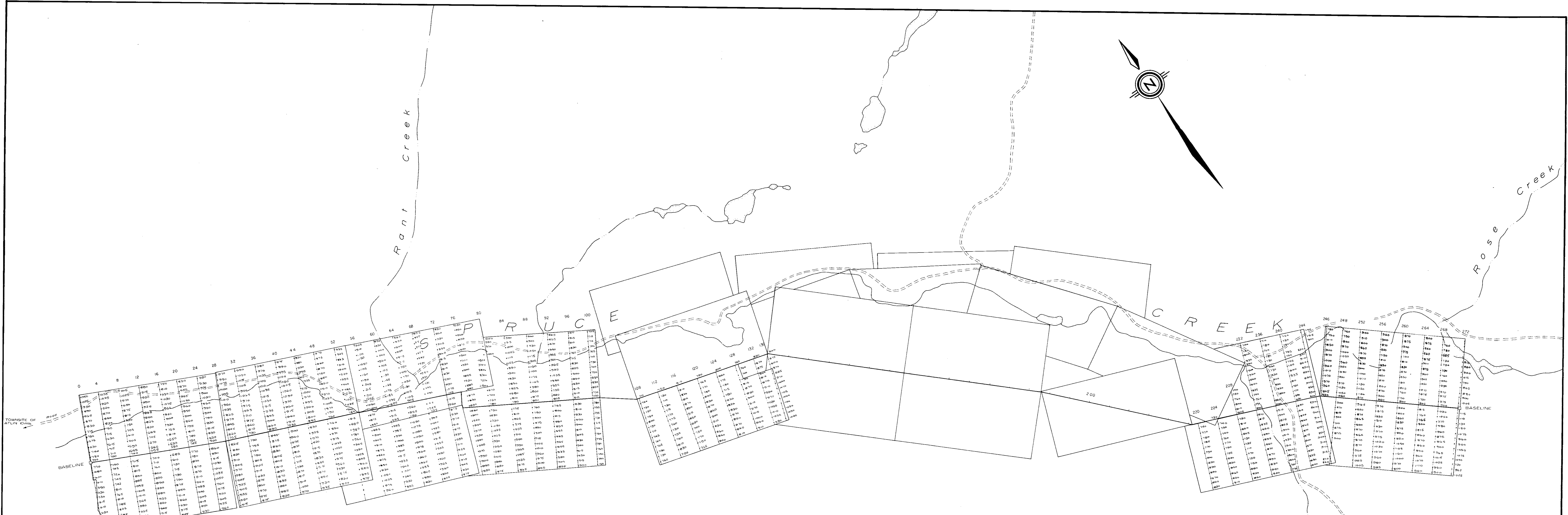
*John Paul* Subjuring Recorder  
A Commissioner for taking Affidavits within British Columbia and  
A Notary Public in and for the Province of British Columbia.

DECLARATION

The following is a list of personnel employed with respective work dates relative to geomagnetic work performed on 12 placer mineral leases of Gethyn Mining Ltd. in the Atlin Mining Division, B.C.

<u>Persons Employed</u>	<u>Fees Paid</u>	<u>Dates Worked</u>
R. Stephen, 1899 Dunbar St., Van	Subcontract from Geosurveys Consult- ants Ltd. in amount \$3,500.00. Stephen paid his own men.	August 5 to Sept. 10, 1973.
Vic Adair (address as above)	Paid by Stephen	Aug. 5 to Sept. 10, 1973
G. Little (address as above)	Paid by Stephen	(as above)
J. Ettin (address as above)	Paid by Stephen	(as above)
G.L. Kirwan, B.Sc., 1340 Cammeray Rd., W. Vancouver	\$1,000.00	Various dates August-Sept. and December.
Total Fees paid	\$4,500.00 plus drafting fees	

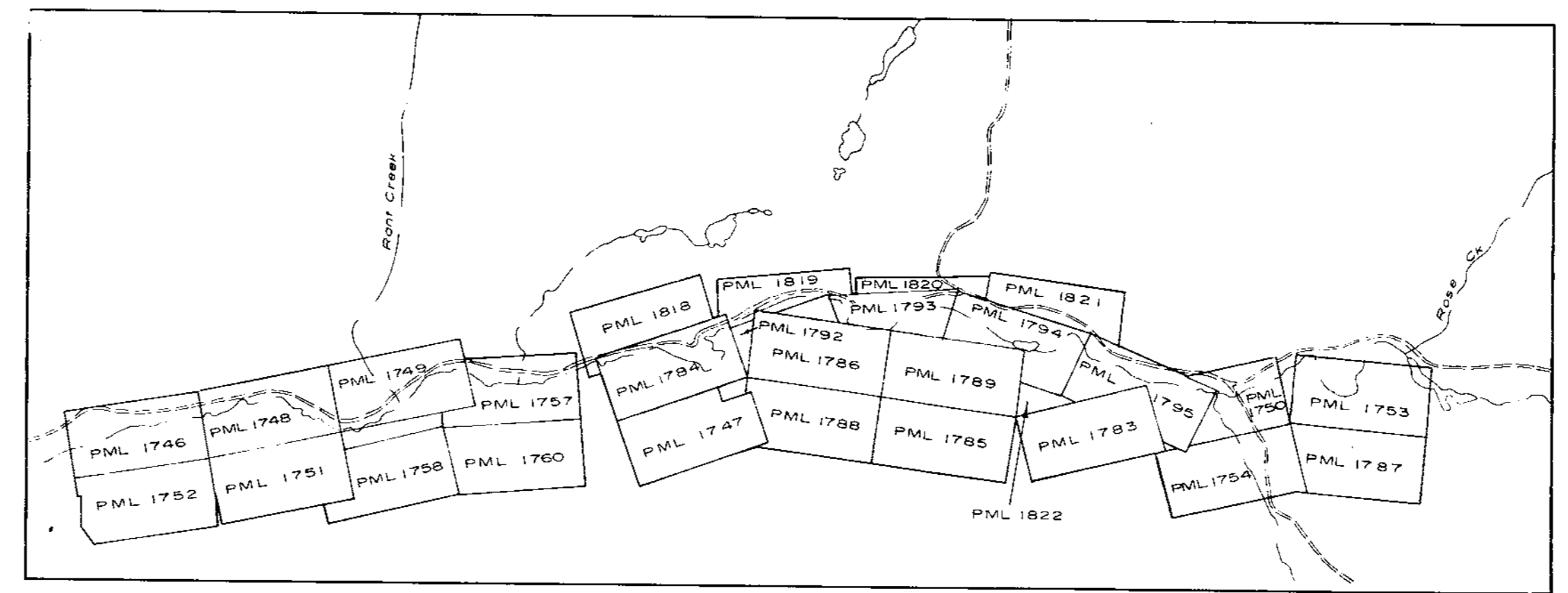
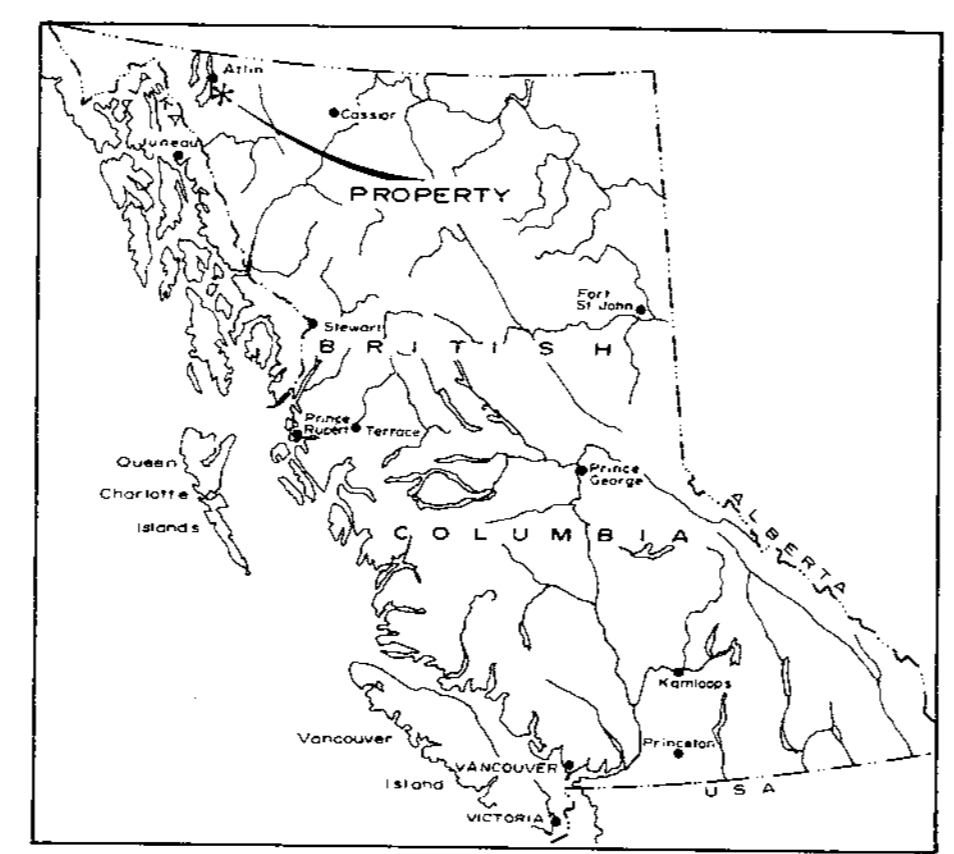




TOWNSHIP OF ATLIN 10 Mile

BASELINE

BASELINE



**4843**  
**MI**

Department of  
Mines and Geotechnical Resources  
Geological Survey  
No. 4843 MAP #1

GETHYN MINING LIMITED  
GEOMAGNETIC SURVEY  
by  
GEOSURVEYS CONSULTANTS LTD  
ATLIN MINING DIVISION, BC

LEGEND  
\* Recordings in gamma

