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August 31, 1959.

Mr. Neil H. McDiarmid,
Suite 408 - 580 Granville St.,
Vancouver 2, B. C.

Dear Sir:

I herewith enclose my report covering the
Magnetometer Survey that I completed on your Godey Creek
Group of claims in the Nicola Mining District.

The conclusions of this report are that further
work is not recommended on this group as the mineralized
area seems to be localized and too small to be economical;
however to confirm these findings closed spaced readings should
be completed next season.

Respectfully submitted,

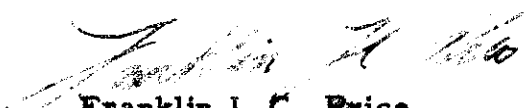

Franklin L. C. Price

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GEOPHYSICAL REPORT

MAGNETOMETER SURVEY OF THE GODEY CREEK CLAIMS

(MS 1 - 8 also BO 1 - 8 Total of 16 claims)

120° 45' west longitude - 50° 05' north latitude

Work Completed - August, 1959

Magnetometer Readings by	R. E. Renshaw, Consulting Geologist
Calculations by	R. E. Renshaw
Maps by	Franklin L.C. Price P.Eng.
Report by	Franklin L.C. Price P.Eng.

August 31, 1959

GEOPHYSICAL REPORT

MAGNETOMETER SURVEY OF THE GODEY CREEK CLAIMS

Purpose of the Survey

The survey was carried out to determine if there were any magnetic anomalies on the Godey Creek Group of Mineral Claims, resulting from the presence or absence of magnetic minerals. Large areas of overburden along the hillside near Godey Creek masking most of the bedrock along that area prevented a thorough geological analysis. A detailed study of the structure could be completed better with the results of the magnetometer survey.

The survey was intended to be of a reconnaissance nature only to be followed by a more detailed (closer spaced) survey if any anomalies were indicated.

GEOLOGY

Reference: Memoir 249, "Geology and Mineral Deposits of Nicola Map-Area, British Columbia", by W. E. Cockfield and Map 866 A, which accompanies the report.
Plus private maps and reports prepared by the author during the past 3 1/2 years in the Merritt area.

The oldest rock in the Godey Creek area are members of the Nicola group. These are greenstones, andesite, basalt, breccia, tuff, minor argillite, quartzite and limestone. These have been dated as Upper Triassic in age. It is in this assemblage of rocks that the ore deposits at the neighbouring Craigmont Mines have been found.

Intruding the Nicola group are granitic rocks of the Coast Intrusives. These consist of granite, granodiorite, quartz-diorite, diorite, gabbro and associated dykes.

Overlying the Nicola and Coast intrusives, are scattered outcrops of Cenozoic sediments. These consist of conglomerate, sandstone, shale and coal. This formation has been designated as Coldwater Beds.

Geology (cont'd)

An abridged table of geological formations in the Godey Creek area is given below.

Cenozoic	Miocene or Earlier	Coldwater Beds	Conglomerate, sandstone, shale, coal.
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Unconformity

	Jurassic	Coast Intrusions	Granite, granodiorite, diorite, quartz-diorite, gabbro associated dyke rocks
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Intrusive Contact

Mesozoic	Upper Triassic	Nicola Group	Andesite, basalt, breccia, tuff, argillite, quartzite, limestone
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Equipment

The magnetometer used for this survey was manufactured by the Radar Exploration Co. of Toronto, and has a scale constant of 17.4 gammas per division of the micrometer scale. This instrument is very light and portable and requires no locking of the motion before being moved along the line. With practice a trained operator can set up and take a reading in about two minutes. The instrument has no auxiliary magnets but has an adjustment that permits allowance for a background magnetic constant which in the case of this survey has been set at the arbitrary constant of 10,000 gammas.

Method of Survey

A base line was established along the Creek. This base line was surveyed with a Brunton compass and the Godey Creek Claims were run in by the same survey. A base point or home station was established at the junction of the road where the magnetometer was checked into each morning and night in order to complete the diurnal.

Stations were then chained every three hundred feet along this base line. These control stations were to be established as cross lines in the grid. Magnetometer stations were then chained as the survey was being made every 100 feet along these

Method of Survey (cont'd)

lines. The lines were parallel to each other and about at 90° to the Creek where possible. The lines extended from the bank of the creek to the top of the hill.

The magnetometer readings were taken by two men, Fast & Renshaw who measured in the station, cut the line, and made the readings as the cross lines were established.

The magnetometer was oriented with a compass so that the side of the instrument marked "N" faced directly toward magnetic north, the machine was then levelled. Then the micrometer scale knob was turned until the indicating needle coincided exactly with the centre of the crosshairs. The number of the station, the micrometer reading and the exact time of the reading were recorded on the calculation sheet.

The base station, at the junction of the road, was used to balance the readings of the entire survey as readings were taken there daily. Each day base stations were established with reference to this main base and check readings were taken at the daily base station every hour to establish the diurnal variation and to check for any other variation due to magnetic storms. This necessity of having a second instrument read at a permanent base station at intervals during the day.

Calculations and Plottings

The calculations of the readings were done by R. E. Renshaw. The preparation and plottings on the map were done by Franklin Price. The daily base was balanced against the main base, then the readings were adjusted for the daily variation according to the sample calculation page attached to this report.

Since this instrument has not been calibrated to read the exact amount of the earth's vertical magnetic field, it was used to measure the variation in vertical intensity only, and for this reason an arbitrary constant of 10,000 gammas was subtracted from the product of the scale reading and the scale constant of 17.4 gammas per scale division.

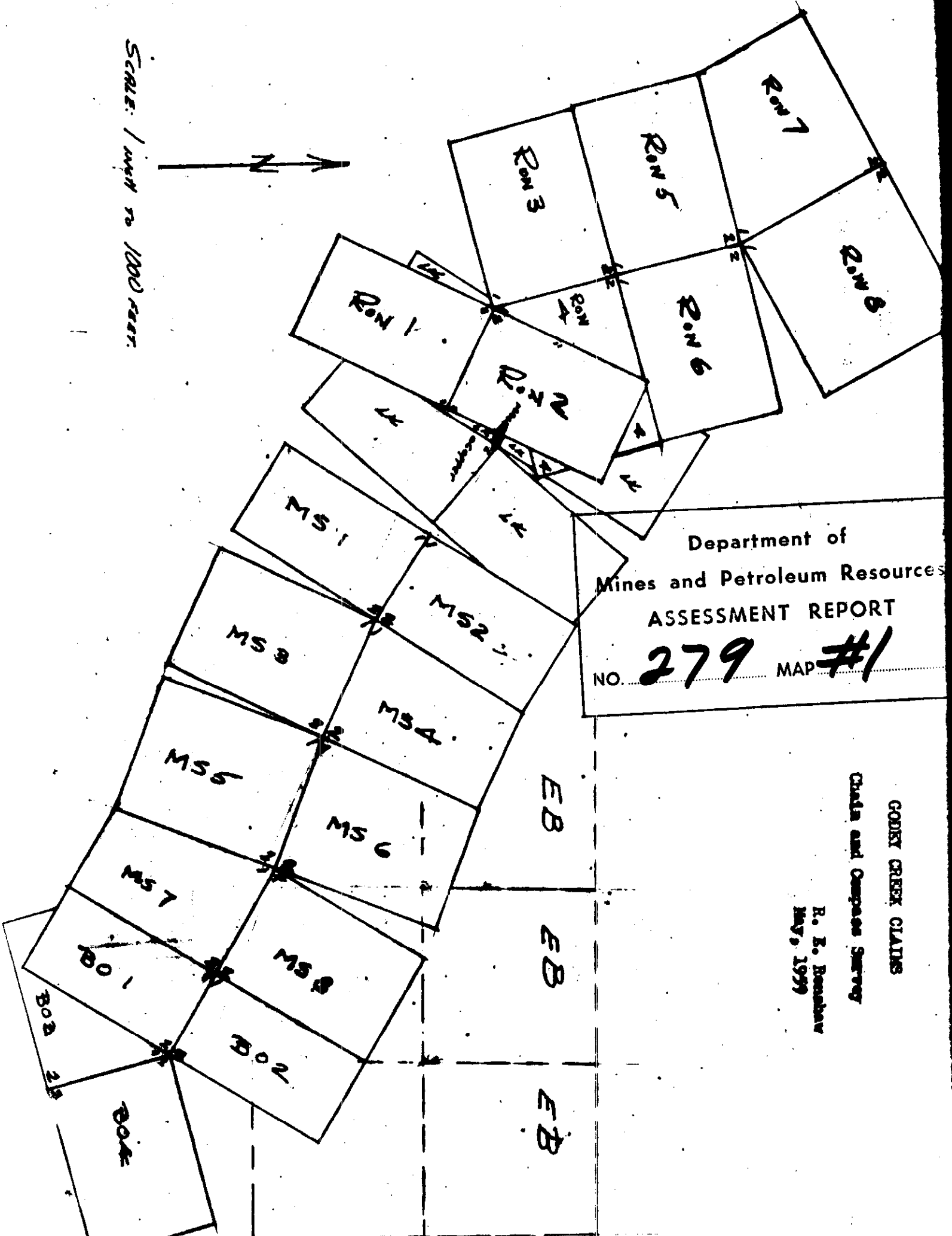
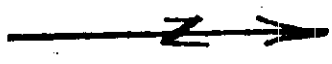
A daily constant calculated from the daily reading at the main base station was applied in order to have each days readings on the same basis as the other days readings.

Summary and Conclusions

The copper and iron showings that were first located along the creek break were traced for only a limited distance. The assays first taken indicated that further work should be undertaken to determine if the structure had any continuation. The magnetometer survey was completed on the left bank of the creek to check the mineralized area. It was thought that the geophysical survey with a magnetometer would be the best way to map out the ore occurrence because of the iron that was in the mineralized zone.

The geophysical results show that in the area surveyed there are no apparent anomalous areas.

SCALE: 1 inch = 1000 feet



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **279** MAP **#1**

CODDY CREEK CLAIMS
Chain and Compass Survey
R. E. Benbow
May, 1999

DATE: APRIL 22/59
 LINE: RFAST
 L. HILL

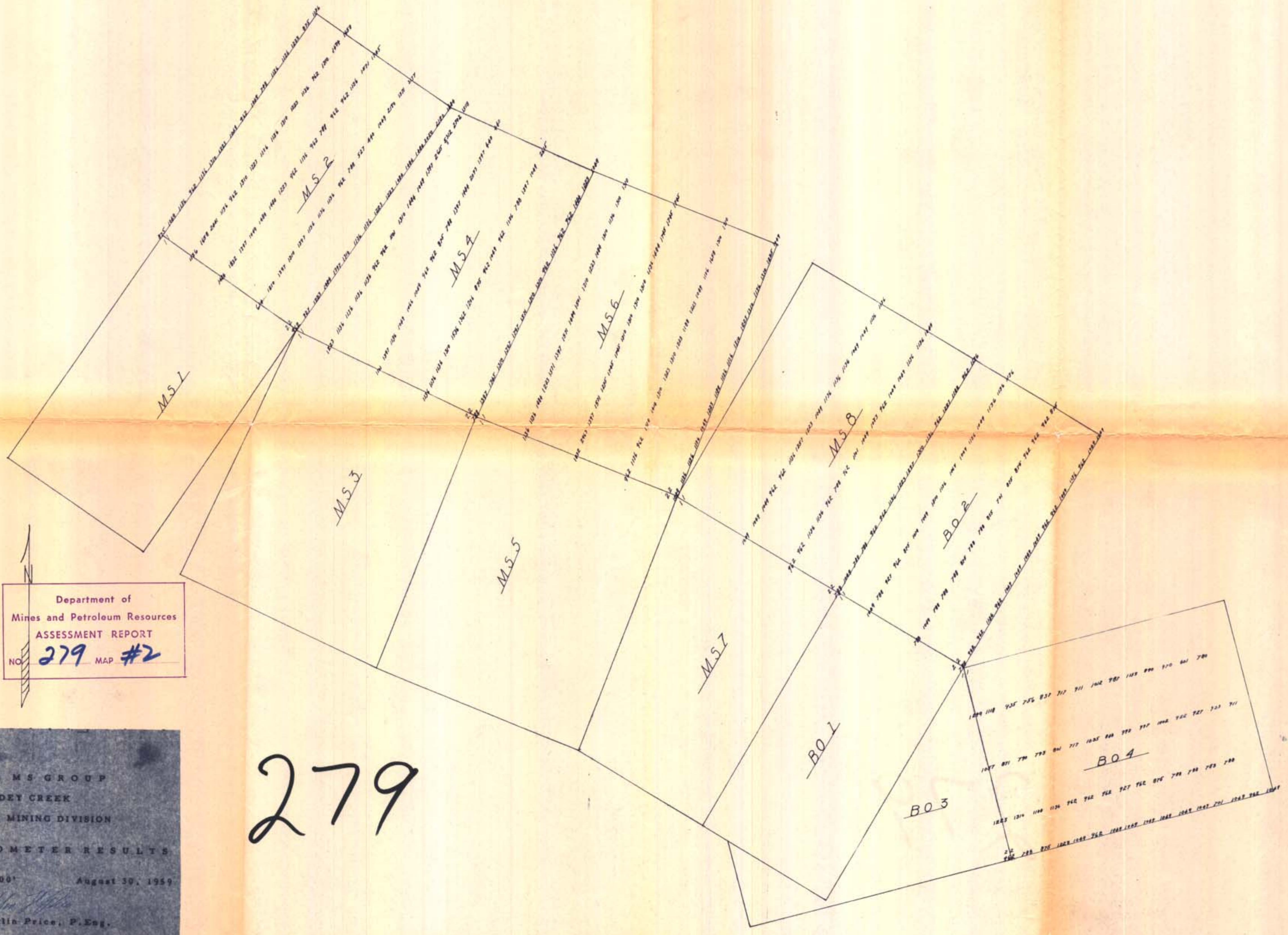
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(2)

C-10,000

STAT	READ	VALUE	TIME	DIUR	V-D	VI-C	REMARKS
XXX11	651	11,327	00	0	11227	962	C = 365
LINE B 4	656	11,414	05	5	11422	1957	
B-4-1	645	11,223	08	13	11236	871	
B-4-2	640	11,136	12	19	11155	710	
B-4-3	640	11,136	14	22	11158	713	
B-4-4	640	11,136	18	29	11155	801	
B-4-5	635	11,049	21	33	11092	717	
B-4-6	653	11,362	24	38	11136	1024	
B-4-7	642	11,170	27	43	11217	810	
B-4-8	650	11,310	30	48	11359	713	
B-4-9	650	11,310	33	51	11362	717	
B-4-10	650	11,310	36	54	11367	721	
B-4-11	645	11,223	40	60	11237	819	
B-4-12	645	11,223	43	63	11240	927	
B-4-13	645	11,223	47	75	11241	933	
B-4-14	643	11,188	55	86	11276	911	
B-3-1300	635	11,049	60	96	11195	720	
B-3-12	630	10,962	65	111	11166	501	
B-3-11	645	11,223	70	117	11235	770	
B-3-10	640	11,136	75	124	11255	810	
B-3-9	655	11,397	77	127	11520	1153	
B-3-8	645	11,223	81	129	11352	927	
B-3-7	646	11,240	86	137	11377	1012	
B-3-6	640	11,136	89	140	11276	911	
B-3-5	640	11,136	92	143	11282	917	
B-3-4	635	11,049	96	153	11225	897	
B-3-3	630	10,962	100	159	11171	756	
B-3-2	640	11,136	103	164	11300	732	
B-3-1	650	11,310	108	173	11483	1118	
B-3	660	11,484	113	180	11664	1219	
XXX11	640	11,136	120	191	11327	112	
XXX00	650	11,310	145	200	11542	1077	

on MPJ
 J.S.



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **279** MAP **#2**

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BO & MS GROUP
GODEY CREEK
NICOLA MINING DIVISION
MAGNETOMETER RESULTS
Scale 1" = 300' August 30, 1959
Franklin Price, P. Eng.