800928

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

June 19, 1967

Mr. William M. Sharp
Consulting Geological Engineer
Suite 808
900 West Hastings Street
Vancouver 1, B.C.

Dear Bill:

We are enclosing two copies of the geochemical report on the Mineral Hill Area.

As we discussed in our telephone conversation, my forthcoming visit to British Columbia will be delayed as a result of my accident. I am now hoping to be in Smithers during the 1st and 2nd weeks of July. We will contact you as soon as my revised itinerary can be finalized.

In the meantime, a soil survey can be started at Mineral Hill. Also the additional profile samples across the copper mineralization at Micro Wave Hill may be collected.

Concerning stream sediment surveys which I discussed with you and also Mike Beley, we are enclosing "Notes on the Principles and Application of Geochemical Prospecting Procedures for Metals" by our Dr. D. R. Clews. These notes give the general background to stream sediment surveys.

mainly

If you have any immediate queries please do not hesitate to contact us.

Yours sincerely,

BARRINGER RESEARCH LIMITED

John Walker

John L. Walker
Consulting Geochemist

JLW:np

c.c. Manex Mines Ltd. - direct
encl. - 2 geochem. reports

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
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June 23, 1967.

Mr. William M. Sharp,
Consulting Geological Engineer,
Suite 808,
900 West Hastings Street,
Vancouver 1, B.C.

Require sample plan w. ref. to geol. mapping to follow J.W. notes in detail
Orientation samples

Dear Bill:

Attached are results of total Zn analysis on samples 198 to 202 which were collected from one area of cadmium mineralization, and samples 210 to 215 which represent a soil profile overlying unmineralized rock.

The higher Zn results in sample 198 to 202, indicate the presence of residual or local material in the overburden and since prove the applicability of soil sampling at least to detect the general area of cadmium mineralization.

As recommended in my report, additional soil samples for ZN's across the cadmium and copper mineralization at Microwave Hill, will still be necessary to permit a more accurate interpretation. For the cadmium mineralization, Cu, Mo and Hg analyses would not be used as these metals did not detect the mineralization.

Regards,

Yours sincerely

BARRINGER RESEARCH LIMITED

John L. Walker

John L. Walker
Consulting Geochemist

JLW:ap
Encl.
c.c. - Manex Mines Ltd

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304 CARLINGVIEW DRIVE
REXDALE (TORONTO), ONTARIO

REPORT NO. 109 DATE June 23, 1967 LOCATION M.W. Hill SHEET 1

PROJECT _____ MATERIAL _____

NO. OF SAMPLES _____ COLLECTOR _____ DATE _____ ANALYST _____ DATE _____

REMARKS _____

t.t. No.	SAMPLE NUMBER	Total Zn ppm									
	198	213									
	199	250									
	200	250									
	201	213									
	202	188									
	210	75									
	211	75									
	212	75									
	213	75									
	214	75									
	215	85									

June 19/67
Results orientation sampling @ Mineral Hill by J. Walker. His report pending; verbal A3 - Co good
A. Robertson

compliments of

BARRINGER RESEARCH LIMITED

304 CARLINGVIEW DRIVE, REXDALE, TORONTO, CANADA

ADVANCED TECHNIQUES AND INSTRUMENTATION FOR THE EARTH SCIENCES

Appendix 1

BARRINGER RESEARCH LIMITED
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REXDALE (TORONTO), ONTARIO

Preliminary (Spare for field info)

REPORT NO. 100 DATE _____ LOCATION _____ SHEET 1

PROJECT _____ MATERIAL _____

NO. OF SAMPLES _____ COLLECTOR _____ DATE _____ ANALYST _____ DATE _____

REMARKS _____

t.t. No.	SAMPLE NUMBER	Mo ppm	Hg ppb	TOTAL Cu ppm							
	T1-0-6"	12	568	32							
	6" to 10"	10	45	26							
	10" - 1'3"	8	152	26							
x	1'3" - 2'	12	90	35		A2 - C inter-zone					
	2' - 2'6"	16	41	35							
	2'6" - 3'	14	45	33							
	3' - 3'6"	12	24	28							
	3'6" - 4'	20	27	42							
	4' - 4'6"	20	83	36							
	T2-0-3"	4	534	21							
	3" - 8"	2	22	12							
	8" - 1'	4	15	14							
	1' - 1'6"	3	18	16							
	1'6" - 2'	2	20	16							
	2' - 2'6"	2	16	22							
	2'6" - 3'	2	19	23							
	3' - 3'6"	4	21	24							

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
REXDALE (TORONTO), ONTARIO

REPORT NO. 109 DATE _____ LOCATION _____ SHEET 1

PROJECT _____ MATERIAL _____

NO. OF SAMPLES _____ COLLECTOR _____ DATE _____ ANALYST _____ DATE _____

REMARKS _____

* organic ** very organic

t.t. No.	SAMPLE NUMBER	TOTAL Cu ppm	Hg ppb	TOTAL Mo ppm		SAMPLE NUMBER	TOTAL Cu ppm	Hg ppb	TOTAL Mo ppm		
	a 1-A	48	598*	18		a 6-A	79	596**	16		
	1-B	46	42	14		B	46	83	10		
	1-C	357	43	30		C	43	28	10		
	2-A_o	125	962**	30		7-A	37	544**	14		
	2-A_1	185	386*	30		B	55	90	10		
	2-A_2	209	163	30		C	40	22	30		
	2-B	262	90	40		8-A_o	37	400**	2		
	2-C	500	169	50		A_2	25	83	30		
	3-A_o	67	1285**	30		B	25	26	50		
	3-A_2	59	165	50		C	37	21	6		
	3-B	71	83	30		9-A_o	50	520**	6		
	3-C	137	50	30		A_2	67	303*	10		
	4-A_o	445	580**	36		B	34	30	30		
	4-A_2	1190	534*	50		C	34	20	6		
	4-C	1070	275	30		10-A_o	37	832**	8		
	5-A_o	75	338**	20		A_1	40	315*	6		
	5-A_2	119	175	24		A_2	31	86	2		
	5-B	46	15	18		B	25	28	30		
	5-C	48	20	20		C	34	35	2		

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
REXDALE (TORONTO), ONTARIO

REPORT NO. 109 DATE _____ LOCATION _____ SHEET 2

PROJECT _____ MATERIAL _____

NO. OF SAMPLES _____ COLLECTOR _____ DATE _____ ANALYST _____ DATE _____

REMARKS _____

t.t. No.	SAMPLE NUMBER	TOTAL Cu ppm	Hg ppb	TOTAL Mo ppm		SAMPLE NUMBER	TOTAL Cu ppm	Hg ppb	TOTAL Mo ppm		
	a 11-A_o	28	1210**	6		b 4-B	59	86	14		
	A2	48	275*	12		C	83	43	18		
	B	31	35	30		5-A	48	245	18		
	C	31	25	10		B	55	185	14		
	12-A_o	59	814**	10		C	61	90	18		
	A_1	131	196	14		6-A	43	630**	14		
	A_2	95	130	18		B	40	54	4		
	B	61	80	20		C	40	43	6		
	C	43	47	18		7-A	67	684**	20		
	b 1 -A	137	484**	30		B	75	183	26		
	B	99	318*	30		C	83	112	50		
	C	61	16	26		8-A	59	84*	10		
	2 -A	401	180*	40		B	43	40	14		
	B	239	145	26		C	46	13	14		
	C	122	18	26		9-A	61	166*	12		
	3- A	167	386	50		B	43	54	10		
	B	191	239	50		C	61	45	14		
	C	111	248	30		10-A	46	172*	6		
	$ -A	71	351	20		B	37	102	3		

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304 CARLINGVIEW DRIVE
REXDALE (TORONTO), ONTARIO

REPORT NO. 109 DATE _____ LOCATION _____ SHEET 3

PROJECT _____ MATERIAL _____

NO. OF SAMPLES _____ COLLECTOR _____ DATE _____ ANALYST _____ DATE _____

REMARKS _____

t.t. No.	SAMPLE NUMBER	TOTAL Cu ppm	Hg ppb	TOTAL Mo ppm		SAMPLE NUMBER	TOTAL Cu ppm	Hg ppb	TOTAL Mo ppm		
	b 10-C	43	42	10		212	20	28	2		
	11-A	43	496**	6		213	20	26	2		
	B	46	83	6		214	19	27	2		
	C	37	94	2		215	20	20	2		
	12-A	55	180*	18							
	198	10	26	2							
	199	16	11	2							
	200	18	9	2							
	201	20	7	2							
	202	23	5	2							
	203	14	15	2							
	204	23	14	2							
	205	28	11	2							
	206	24	9	2							
	207	23	7	2							
	208	28	8	2							
	209	42	15	2							
	210	18	25	2							
	211	18	27	2							