



52J076W0014 52J076W0025 HOUGHTON LAKE

010

GOLD ASSAYS - MARCHINGTON ROAD CLAIMS

Total Samples: 710

Geochem Au by Fa AA	(710 x \$5.50)	\$3,905.00	
Less 10% discount		<u>390.50</u>	\$3,514.50
ICP Analysis	(710 x \$6.00)	4,260.00	
Less 10% discount		<u>426.00</u>	<u>3,834.00</u>
			<u>\$7,348.50</u>

June 12/84
/tn

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 84-0402A

Date: MAR 28 1984

*Always
the best similar
billing coming
next week.*

UMEX INC
1935 LESLIE ST
DON MILLS ONTARIO
M3B 2M3

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

QTY	ASSAY	PRICE	AMOUNT
598	ICP ANALYSIS @	6.00	3588.00
598	GEOCHEM AU BY FA + AA @	5.50	3289.00

			6877.00
			-687.70

			18.00

			6207.30
			10%
			GABIN PROJECT

3 10% DISCOUNT FLOPPY DISK @

SUBTOTAL

APR 5 - 1984
987

*In accordance with quotation
for J. Felder 30/3/1984*

PLEASE PAY LAST AMOUNT →

PATRICIA MINING DIV.
RECEIVED
JUN 16 1984
A.M. P.M.
P.O. BOX 20444 VANCOUVER B.C. V6T 1E9

GEOCHEMICAL ICP ANALYSIS

A .500 GRAM OF SAMPLE DIGESTED WITH 3ML OF 3-1-3 OF HCL-3X03-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR,
DILUTED TO 10 ML WITH WATER. PARTIAL LEACHED FOR NH, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, V, SI, ZR, CE, SM, Y, MO AND YA
AU DETECTION LIMIT 3 PPM SAMPLE TYPE: FLUP

DATE RECEIVED: MAR 21 1984

DATE REPORT MAILED: *Mar 26/84* ASSAYER

D. Joyce DEAN TOYE, CERTIFIED B.C. ASSAYER

UMEX FILE # B4-0402A

PAGE 1

SAMPLES	NO	CU	PB	ZN	AS	NI	CO	MM	FE	AS	U	AU	TM	SR	CD	SB	ZI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	V	SI	ZR	CE	SM	Y	MO	YA		
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	
FBC UN-1500	1	20	4	27	.1	10	4	217	1.60	8	2	ND	2	11	1	2	2	14	.37	.05	12	107	.41	161	.11	40	1.03	.06	.54	2	1								
FBC UN-1501	1	8	2	13	.1	6	1	190	1.98	3	2	ND	3	8	1	2	2	5	.20	.02	18	123	.18	46	.06	40	.49	.05	.11	2	1								
FBC UN-1502	1	8	2	35	.1	5	2	340	2.21	5	2	ND	2	17	1	2	2	6	.25	.02	17	95	.18	54	.07	44	.82	.06	.18	2	1								
FBC UN-1503	1	4	4	19	.1	4	1	105	1.60	3	2	ND	4	5	1	2	2	2	.08	.01	19	99	.29	38	.03	45	.46	.06	.21	2	1								
FBC UN-1504	1	4	2	21	.1	4	1	146	1.47	3	2	ND	2	11	1	2	2	6	.18	.02	7	106	.10	57	.06	41	.49	.05	.21	2	1								
FBC UN-1505	1	68	3	38	.2	7	2	224	1.88	4	2	ND	2	13	1	2	2	5	.38	.02	28	116	.12	100	.07	42	.65	.06	.33	2	2								
FBC UN-1506	2	29	2	48	.1	23	9	338	2.45	7	2	ND	2	10	1	2	2	47	.62	.06	10	81	.87	232	.15	36	1.54	.06	.87	2	1								
FBC UN-1507	1	4	3	39	.1	6	2	281	1.87	4	2	ND	4	8	1	2	2	8	.19	.02	19	103	.20	95	.09	41	.80	.06	.49	2	1								
FBC UN-1508	1	5	4	52	.1	9	3	382	2.36	6	2	ND	2	12	1	2	2	13	.35	.03	20	96	.31	119	.11	42	1.08	.07	.45	2	1								
FBC UN-1509	1	14	11	32	.2	13	3	125	.98	6	2	ND	7	15	1	2	2	7	.66	.02	93	115	.24	96	.08	39	.95	.06	.21	2	1								
FBC UN-1510	1	4	3	35	.1	5	2	259	2.25	5	2	ND	2	8	1	2	2	7	.17	.02	10	91	.17	97	.09	40	.73	.06	.44	2	1								
FBC UN-1511	1	2	3	10	.1	30	5	148	1.09	8	2	ND	1	16	1	2	2	19	1.05	.05	7	62	.66	31	.08	37	1.36	.09	.13	2	1								
FBC UN-1512	1	5	7	25	.1	7	3	248	2.22	10	2	ND	2	13	1	2	2	15	.27	.04	14	75	.33	146	.12	39	1.14	.07	.75	2	1								
FBC UN-1513	1	5	5	48	.1	9	4	397	2.54	9	2	ND	2	10	1	2	2	18	.38	.01	16	95	.39	160	.12	42	1.13	.08	.74	2	1								
FBC UN-1514	1	16	4	24	.1	7	2	307	2.19	3	2	ND	3	8	1	2	2	6	.25	.02	25	101	.17	76	.07	41	.67	.05	.58	2	1								
FBC UN-1515	1	5	1	50	.1	6	2	300	2.09	2	2	ND	3	11	1	2	2	6	.72	.02	18	104	.19	65	.08	44	.67	.05	.31	2	2								
FBC UN-1516	1	6	1	46	.1	5	2	318	2.11	2	2	ND	2	11	1	2	2	6	.18	.02	12	104	.16	72	.07	40	.68	.05	.34	2	3								
FBC UN-1517	1	5	2	42	.1	6	2	321	2.36	7	2	ND	2	10	1	2	2	7	.18	.02	21	114	.19	104	.09	42	.80	.06	.49	2	1								
FBC UN-1518	1	6	6	50	.1	16	5	413	2.46	9	2	ND	2	13	1	2	2	23	.40	.04	12	95	.57	226	.13	39	1.32	.07	.73	2	1								
FBC UN-1519	1	4	6	52	.1	7	3	397	2.25	5	2	ND	2	12	1	2	2	12	.35	.03	20	85	.29	118	.10	36	1.01	.07	.65	2	2								
FBC UN-1520	1	9	6	45	.1	6	2	317	2.49	6	2	ND	2	8	1	2	2	8	.29	.05	15	104	.18	119	.11	39	.88	.07	.56	2	1								
FBC UN-1521	1	38	5	42	.2	33	13	292	2.74	5	2	ND	2	11	1	2	2	105	1.38	.13	5	32	.84	100	.14	33	1.39	.14	.30	2	1								
FBC UN-1522	1	7	5	41	.1	11	4	364	2.56	7	2	ND	2	12	1	2	2	20	.30	.04	20	87	.39	120	.11	40	1.03	.06	.59	2	1								
FBC UN-1523	1	5	4	52	.1	5	2	324	2.61	5	2	ND	3	12	1	2	2	6	.28	.02	13	102	.15	66	.07	41	.70	.06	.29	2	1								
FBC UN-1524	1	5	3	51	.1	10	4	487	2.64	9	2	ND	2	11	1	2	2	17	.27	.04	16	88	.41	220	.12	43	1.18	.05	.81	2	1								
FBC UN-1525	2	25	5	56	.1	6	2	342	2.32	6	2	ND	3	12	1	2	2	7	.37	.02	31	109	.18	133	.10	42	.89	.06	.52	2	1								
FBC UN-1526	1	53	5	40	.1	27	10	250	2.16	5	2	ND	2	14	1	2	2	74	.95	.05	18	52	.65	72	.11	35	1.31	.09	.15	2	2								
FBC UN-1527	1	38	5	34	.1	28	10	267	2.21	4	2	ND	2	12	1	2	2	44	.78	.06	6	51	1.05	146	.14	39	1.54	.09	.44	2	1								
FBC UN-1528	1	2	2	9	.2	20	3	111	.61	3	2	ND	2	9	1	2	2	13	.55	.06	6	64	.37	51	.06	37	.61	.07	.10	2	1								
FBC UN-1529	1	12	2	46	.1	6	7	291	3.30	4	2	ND	2	16	1	2	2	30	.94	.13	12	51	.56	169	.12	38	1.29	.09	.54	2	1								
FBC UN-1530	1	31	5	41	.1	6	7	246	3.15	5	2	ND	2	16	1	2	2	28	.77	.13	12	52	.58	161	.12	35	1.32	.10	.34	2	4								
FBC UN-1531	1	46	4	36	.2	15	12	229	2.29	4	2	ND	2	16	1	2	2	102	1.13	.08	7	34	.70	74	.17	34	1.33	.10	.21	2	1								
FBC UN-1532	1	30	4	38	.1	7	7	222	2.45	6	2	ND	2	12	1	2	2	24	.66	.10	13	49	.57	145	.10	34	1.28	.07	.39	2	1								
FBC UN-1533	1	13	4	29	.1	7	7	197	2.54	7	2	ND	2	9	1	2	2	43	.40	.07	11	59	.61	201	.14	34	1.45	.07	.87	2	1								
FBC UN-1534	1	60	5	34	.2	38	13	252	2.77	6	2	ND	2	14	1	2	2	145	1.05	.05	4	29	.81	108	.14	37	1.51	.12	.35	2	1								
FBC UN-1535	1	28	7	32	.1	15	6	208	2.15	4	2	ND	2	9	1	2	2	32	.53	.06	10	62	.63	191	.10	36	1.25	.09	.56	2	1								
FBC UN-1536	1	17	3	41	.1	7	2	284	2.12	3	2	ND	2	11	1	2	2	7	.25	.02	33	91	.18	82	.08	44	.70	.06	.33	2	2								
STD A-1/FA-AU	1	31	38	187	.3	37	11	1001	2.76	11	2	ND	2	35	1	2	2	58	.60	.10	7	76	.68	279	.09	7	2.01	.02	.21	2	52								

SAMPLE	MO	CU	PB	ZN	AG	NI	CO	PR	FE	AS	V	MO	TH	SR	CO	SO	SI	V	CA	P	LA	CR	NO	BA	TI	B	ML	MA	K	R	ACT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
FBC UM-1537	2	39	19	64	.1	5	2	367	2.36	8	2	RD	3	14	1	2	2	7	.36	.03	33	101	.19	81	.09	33	.02	.00	.31	2	23
FBC UM-1538	1	27	2	42	.1	10	7	253	2.51	8	2	RD	2	15	1	2	2	21	.77	.13	16	60	.17	168	.11	42	1.39	.11	.48	2	2
FBC UM-1539	1	6	5	53	.1	9	4	418	2.50	6	2	RD	2	12	1	2	2	17	.33	.05	23	73	.45	129	.11	43	1.05	.07	.33	2	1
FBC UM-1540	1	3	2	18	.1	39	6	164	1.30	7	2	RD	2	21	1	2	2	21	.88	.05	8	71	.84	85	.07	42	1.68	.14	.23	2	1
FBC UM-1541	1	2	3	23	.1	52	8	241	1.63	7	2	RD	2	18	1	2	2	13	.58	.02	4	64	1.27	100	.07	37	1.95	.13	.32	2	1
FBC UM-1542	1	9	4	41	.1	20	7	279	2.55	11	2	RD	2	13	1	2	2	29	.77	.12	15	54	.86	177	.12	45	1.63	.11	.59	2	1
FBC UM-1543	1	2	2	31	.1	37	8	242	2.14	10	2	RD	2	6	1	2	2	33	.49	.06	7	69	1.23	206	.13	43	1.61	.08	.83	2	1
FBC UM-1544	1	3	1	14	.1	29	3	151	.97	5	2	RD	2	8	1	2	2	22	.93	.05	8	51	.62	73	.10	44	.81	.08	.23	2	1
FBC UM-1545	1	40	2	23	.1	27	7	207	1.60	8	2	RD	2	31	1	2	2	32	1.10	.06	8	44	.84	96	.13	40	1.66	.16	.30	2	3
FBC UM-1546	1	4	2	16	.1	36	4	189	1.19	5	2	RD	2	11	1	3	2	23	.68	.02	7	48	.66	31	.10	46	.92	.09	.68	2	2
FBC UM-1547	1	47	1	25	.1	23	8	222	1.73	7	2	RD	2	27	1	2	2	32	.94	.06	6	34	.88	111	.12	37	1.59	.13	.37	2	3
FBC UM-1548	1	4	1	43	.1	6	2	367	1.51	5	2	RD	3	24	1	2	2	17	.67	.04	23	61	.33	47	.10	46	.84	.10	.12	2	1
FBC UM-1549	7	42	5	43	.1	10	4	340	2.26	12	2	RD	2	13	1	2	2	13	.30	.05	14	96	.46	202	.12	48	1.23	.08	.70	2	1
FBC UM-1550	1	21	3	23	.1	7	4	275	2.25	6	2	RD	2	23	1	2	2	10	.77	.08	13	72	.38	228	.09	41	1.28	.10	.24	2	2
FBC UM-1551	1	6	2	16	.1	33	5	151	1.04	9	2	RD	2	14	1	2	2	18	.81	.04	5	51	.68	77	.10	41	1.21	.11	.23	2	1
FBC UM-1552	1	72	1	34	.1	23	11	279	2.51	7	2	RD	2	18	1	2	2	63	1.00	.10	12	37	.90	115	.13	40	1.63	.10	.32	2	4
FBC UM-1553	1	10	6	23	.1	61	6	212	1.55	4	2	RD	2	10	1	2	2	22	.73	.06	9	60	.83	90	.07	43	1.11	.09	.29	2	1
FBC UM-1554	1	53	2	53	.1	26	14	291	3.46	11	2	RD	2	21	1	2	2	144	1.37	.07	4	33	1.02	86	.18	41	1.85	.16	.25	2	2
FBC UM-1555	6	50	3	38	.1	4	7	249	3.23	10	2	RD	2	17	1	2	2	13	.84	.14	13	31	.71	177	.14	48	1.67	.09	.53	2	1
FBC UM-1556	1	36	2	43	.1	6	7	296	3.38	9	2	RD	2	13	1	2	2	27	.69	.10	30	53	.62	257	.14	40	1.51	.07	.77	2	7
FBC UM-1557	1	7	1	47	.1	5	2	361	2.13	4	2	RD	2	12	1	2	2	7	.24	.02	28	99	.18	101	.09	48	.86	.07	.44	2	1
FBC UM-1558	1	2	4	58	.1	66	10	500	3.62	8	2	RD	2	18	1	2	2	39	.54	.04	13	97	1.64	199	.14	45	2.48	.05	1.02	2	1
FBC UM-1559	1	13	3	17	.1	6	4	254	2.57	6	2	RD	2	35	1	2	2	10	1.79	.06	19	74	.47	39	.10	56	2.18	.06	.10	2	2
FBC UM-1560	1	54	3	33	.1	5	10	318	3.18	10	2	RD	2	21	1	2	2	104	1.20	.09	5	34	.79	57	.18	41	1.48	.12	.17	2	2
FBC UM-1561	1	13	4	69	.1	13	7	422	2.86	7	2	RD	3	16	1	2	2	32	.36	.06	25	82	.73	311	.18	42	1.76	.07	1.14	2	1
FBC UM-1562	1	44	1	27	.1	14	9	238	3.70	8	2	RD	2	13	1	2	2	32	.66	.14	13	64	1.23	46	.14	52	1.87	.07	.10	2	1
FBC UM-1563	1	21	1	24	.1	35	6	251	1.91	6	2	RD	2	12	1	2	2	20	.76	.05	10	93	.79	65	.09	41	1.35	.08	.15	2	1
FBC UM-1564	1	68	1	29	.2	18	9	295	2.34	7	2	RD	2	16	1	2	2	52	.99	.10	9	47	.88	116	.14	40	1.41	.11	.36	2	6
FBC UM-1565	1	19	3	31	.1	14	3	288	1.72	4	2	RD	2	12	1	2	2	23	.40	.03	8	79	.46	140	.09	41	1.01	.07	.36	2	2
FBC UM-1566	1	2	1	12	.1	37	5	145	1.14	4	2	RD	2	17	1	2	2	29	1.00	.05	4	58	.75	69	.10	39	1.13	.04	.23	2	1
FBC UM-1567	1	39	6	31	.1	14	5	285	2.23	8	2	RD	2	13	1	2	2	50	1.73	.28	15	34	.73	35	.18	46	1.26	.14	.09	2	7
FBC UM-1568	1	2	3	23	.1	47	7	168	1.36	7	2	RD	2	9	1	3	2	23	.58	.05	7	62	.92	125	.08	47	1.23	.10	.36	2	1
FBC UM-1569	1	27	2	28	.2	22	9	272	2.16	5	2	RD	2	14	1	2	2	55	1.32	.02	2	61	.90	56	.10	40	1.56	.15	.15	2	2
FBC UM-1570	1	12	1	9	.1	15	3	175	.80	17	2	RD	2	89	1	2	2	33	3.94	.02	2	62	.23	39	.14	36	5.67	.47	.03	2	1
FBC UM-1571	1	3	2	15	.1	25	3	135	.91	4	2	RD	2	15	1	2	2	23	.65	.05	5	50	.52	26	.12	44	.79	.10	.04	2	1
FBC UM-1572	1	70	1	33	.1	34	14	261	2.65	6	2	RD	2	12	1	2	2	97	.98	.06	9	40	.88	108	.14	40	1.34	.13	.33	2	1
FBC UM-1573	1	17	1	26	.1	13	6	176	1.31	8	2	RD	2	11	1	2	2	29	.31	.04	19	64	1.09	139	.12	45	1.49	.05	.91	2	1
STD A-1/FA-AU	1	31	39	186	.3	35	11	1023	2.82	9	2	RD	2	36	1	2	2	57	.59	.10	8	74	.70	274	.08	7	2.02	.02	.20	2	53

SAMPLE	NO	CU	PB	ZN	AG	NI	CO	HM	FE	AS	S	AU	TH	BR	CD	SI	BT	V	CA	P	LA	CR	MO	BA	TI	S	AL	MA	R	B	ADII
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	%	PPH	PPH	%	PPH	%	PPH	%	%	%	PPH	PPH
FBC UM-1574	1	7	5	39	.1	8	4	308	2.58	6	2	ND	2	18	1	2	2	12	.41	.06	8	84	.56	197	.14	33	1.37	.07	.44	2	1
FBC UM-1575	1	9	4	22	.1	80	12	240	1.94	10	2	ND	2	17	1	2	2	45	.46	.06	2	89	1.36	555	.14	35	1.85	.07	1.07	2	1
FBC UM-1576	1	2	4	20	.1	39	8	200	1.47	5	2	ND	2	12	1	2	2	33	1.04	.05	9	48	.82	51	.07	31	1.48	.08	.14	2	1
FBC UM-1579	6	22	3	40	.2	15	9	400	2.43	12	2	ND	2	17	1	2	2	96	1.44	.06	8	50	.94	34	.22	38	1.60	.13	.12	2	1
FBC UM-1580	1	13	6	38	.1	80	12	220	2.28	6	2	ND	2	12	1	2	2	37	.67	.05	8	180	1.54	195	.13	32	1.97	.09	.81	2	1
FBC UM-1581	1	28	5	37	.2	21	7	261	1.68	8	2	ND	2	86	1	2	2	33	1.91	.04	6	71	.72	46	.23	32	3.39	.29	.09	2	2
FBC UM-1582	1	9	3	40	.1	20	5	292	2.53	7	2	ND	2	13	1	2	2	20	.43	.03	14	104	.58	242	.14	30	1.51	.08	.77	2	1
FBC UM-1583	1	24	2	75	.2	14	9	251	1.97	2	2	ND	2	14	1	2	2	51	1.13	.06	2	92	.55	32	.14	27	1.14	.08	.07	2	2
+ FBC UM-1583A +	3	63	4	33	.4	7	14	276	3.59	8	2	ND	2	15	1	2	2	118	.96	.05	3	42	.96	170	.18	34	1.70	.11	.45	2	3
FBC UM-1584	2	17	4	18	.1	4	1	105	.81	2	2	ND	3	7	1	2	2	3	.11	.01	9	98	.07	47	.02	30	.36	.06	.07	2	1
FBC UM-1585	1	68	2	26	.2	22	9	245	1.86	6	2	ND	2	19	1	2	2	50	1.46	.03	3	55	.70	39	.18	32	1.59	.08	.10	2	2
FBC UM-1586	1	18	2	37	.1	6	3	271	3.88	5	2	ND	2	17	1	2	2	13	.43	.07	4	48	.41	181	.14	32	1.17	.08	.40	2	1
FBC UM-1587	1	44	4	34	.1	24	11	297	2.46	5	2	ND	2	11	1	2	2	54	1.03	.06	7	56	.94	98	.13	29	1.63	.10	.25	2	1
FBC UM-1588	1	45	4	29	.2	27	14	279	2.35	7	2	ND	2	34	1	2	2	85	1.62	.02	2	85	.98	29	.10	28	2.06	.20	.05	2	1
FBC UM-1589	1	65	6	28	.2	35	13	308	2.20	7	2	ND	2	26	1	2	2	51	1.75	.02	2	42	1.16	48	.09	25	2.62	.20	.22	2	2
FBC UM-1590	1	19	2	32	.1	24	12	330	2.48	5	2	ND	2	27	1	2	2	84	1.56	.02	2	86	1.01	45	.11	30	2.02	.21	.08	2	1
FBC UM-1591	1	22	3	28	.2	31	11	269	2.08	6	2	ND	2	35	1	2	2	72	1.33	.02	3	60	1.01	75	.12	29	2.15	.18	.22	2	1
FBC UM-1592	1	4	6	25	.1	19	7	251	2.06	4	2	ND	3	6	1	2	2	29	.13	.02	14	88	1.66	193	.08	31	2.22	.05	.83	2	1
FBC UM-1593	1	94	4	38	.3	13	13	456	3.13	10	2	ND	2	10	1	2	2	97	1.65	.04	2	41	1.02	37	.15	28	1.88	.16	.12	2	1
FBC UM-1594	1	37	2	33	.2	25	11	290	2.19	6	2	ND	2	31	1	2	2	49	1.35	.06	7	86	1.03	103	.13	29	2.04	.16	.29	2	3
FBC UM-1595	1	3	3	71	.1	129	21	334	4.48	11	2	ND	2	18	1	2	2	71	.44	.04	8	135	3.41	508	.19	32	4.61	.10	2.42	2	1
FBC UM-1596	1	23	3	20	.1	28	9	161	1.88	4	2	ND	2	13	1	2	2	30	.53	.02	7	64	.85	212	.10	30	1.60	.09	.58	2	2
FBC UM-1597	1	7	4	44	.2	10	11	511	3.57	7	2	ND	2	7	1	2	2	113	1.53	.05	4	24	.96	51	.14	29	1.71	.15	.18	2	1
FBC UM-1598	1	38	4	34	.2	20	12	307	2.68	8	2	ND	2	23	1	2	2	65	1.29	.13	9	53	.98	125	.14	34	1.79	.11	.40	2	1
FBC UM-1599	1	70	1	23	.2	20	8	229	1.71	7	2	ND	2	30	1	2	2	55	1.26	.03	3	74	.68	28	.18	27	1.49	.12	.09	2	1
FBC UM-1600	1	28	5	38	.2	4	11	246	2.74	7	2	ND	2	32	1	2	2	58	1.82	.38	12	32	.86	81	.13	32	1.57	.12	.34	2	1
FBC UM-1601	1	15	7	34	.1	6	3	243	3.33	6	2	ND	2	12	1	2	2	10	.26	.03	12	78	.27	254	.13	37	1.08	.06	.55	2	4
FBC UM-1602	1	38	2	24	.2	13	7	293	1.83	9	2	ND	2	11	1	2	2	60	1.43	.03	2	63	.57	22	.20	32	1.41	.14	.05	2	1
+ FBC UM-1603 +	1	61	2	27	.2	27	12	248	2.45	4	2	ND	2	28	1	2	2	95	1.27	.07	3	47	.80	86	.14	31	1.80	.13	.23	2	2
FBC UM-1604	1	16	5	40	.1	8	6	317	3.81	6	2	ND	2	12	1	2	2	22	.36	.06	8	56	.47	197	.14	30	1.18	.06	.57	2	1
FBC UM-1605	6	38	6	38	.1	16	6	251	1.88	5	2	ND	2	19	1	2	2	30	.41	.02	6	64	.69	239	.12	34	1.73	.11	.78	2	1
FBC UM-1606	1	45	4	48	.2	19	13	565	3.01	3	2	ND	2	12	1	2	2	88	1.95	.04	2	75	.82	33	.16	25	1.75	.16	.12	2	1
FBC UM-1607	1	43	2	35	.1	30	12	295	2.66	5	2	ND	2	19	1	2	2	41	1.50	.07	4	48	.81	45	.08	28	2.16	.13	.17	2	1
FBC UM-1608	1	5	3	33	.1	28	13	346	2.68	7	2	ND	2	12	1	2	2	76	1.24	.02	2	52	1.18	53	.14	29	1.75	.13	.18	2	1
FBC UM-1609	1	48	4	37	.2	23	14	291	2.61	5	2	ND	2	20	1	2	2	73	1.04	.08	6	44	1.06	189	.16	30	1.82	.09	.61	2	1
FBC UM-1610	1	24	3	34	.2	28	10	252	2.20	5	2	ND	2	17	1	2	2	36	.56	.03	5	68	.89	177	.12	30	1.73	.12	.71	2	5
STD A-17A-AU	1	29	39	182	.3	36	12	1004	2.77	10	2	ND	2	35	1	2	2	58	.60	.10	7	75	.69	279	.08	7	2.04	.02	.21	2	51

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	NI PPH	CO PPH	PM PPH	FE %	AL PPH	U PPH	AU PPH	TR PPH	SR PPH	CD PPH	GD PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	HL %	MM %	R %	S PPH	RU11 PPH
FBC UM-1611	2	15	4	13	.1	5	2	86	1.98	2	2	ND	2	4	1	2	2	4	.08	.01	14	78	.09	145	.04	35	.45	.06	.09	2	1
FBC UM-1612	1	22	2	44	.1	62	14	343	2.87	3	2	ND	2	6	1	3	2	48	.81	.02	5	62	1.41	160	.15	32	2.00	.08	.66	2	1
FBC UM-1613	1	77	4	33	.1	16	6	252	1.67	2	2	ND	2	27	1	3	2	44	1.79	.02	2	57	.67	23	.13	20	2.15	.21	.08	2	3
FBC UM-1614	1	66	1	33	.1	13	10	367	2.64	2	2	ND	2	11	1	2	2	85	1.22	.04	3	46	.91	50	.13	34	1.38	.12	.16	2	2
FBC UM-1615	1	4	3	29	.1	13	4	189	1.59	3	2	ND	2	10	1	2	2	40	.34	.03	4	63	.89	78	.11	40	1.23	.04	.36	2	1
FBC UM-1616	1	34	3	34	.1	48	10	259	2.14	2	2	ND	2	15	1	2	2	32	.94	.04	7	56	1.05	39	.10	44	1.57	.08	.12	2	1
FBC UM-1617	1	7	3	52	.1	18	5	383	2.51	2	2	ND	2	16	1	2	2	29	.72	.04	11	81	.87	306	.14	37	1.77	.08	.79	2	1
FBC UM-1618	1	5	1	26	.1	20	6	199	1.79	4	2	ND	2	15	1	3	2	27	.66	.02	8	70	.69	143	.10	39	1.33	.09	.38	2	1
FBC UM-1619	1	34	2	34	.1	7	5	273	3.31	2	2	ND	2	9	1	2	2	24	.49	.03	8	67	.35	169	.11	37	.96	.08	.42	2	2
FBC UM-1620	1	41	2	40	.1	10	6	301	3.00	2	2	ND	2	9	1	2	2	32	.55	.03	12	67	.53	233	.13	39	1.40	.09	.66	2	1
FBC UM-1621	1	7	3	23	.1	7	2	184	1.05	4	2	ND	2	14	1	2	2	12	.50	.02	7	86	.31	49	.06	16	.74	.08	.09	2	1
FBC UM-1622	1	70	2	25	.2	13	6	292	1.85	3	2	ND	2	9	1	2	2	60	1.34	.03	2	55	.58	26	.14	37	1.30	.14	.09	2	1
FBC UM-1623	1	39	1	35	.1	11	7	314	2.90	3	2	ND	2	10	1	2	2	44	.88	.03	7	76	.55	176	.13	39	1.29	.11	.40	2	1
FBC UM-1624	1	21	2	34	.1	13	6	242	1.97	7	2	ND	2	15	1	3	2	29	.49	.03	6	63	.53	233	.13	37	1.22	.09	.49	2	1
FBC UM-1625	1	103	3	23	.2	19	7	250	1.82	2	2	ND	2	15	1	2	2	46	1.33	.04	4	54	.80	22	.08	35	1.68	.17	.05	2	3
FBC UM-1626	1	41	2	39	.2	13	11	482	3.31	8	2	ND	2	5	1	2	2	95	1.46	.05	4	50	.88	86	.20	35	1.47	.14	.31	2	1
FBC UM-1627	2	19	1	21	.1	6	3	152	2.48	5	2	ND	2	12	1	2	2	6	.74	.02	21	86	.19	90	.09	39	.72	.05	.35	2	1
FBC UM-1628	1	4	2	9	.1	4	1	87	.55	2	2	ND	3	6	1	3	2	2	.12	.01	12	75	.14	69	.04	35	.43	.05	.21	2	1
FBC UM-1629	2	12	1	61	.1	6	2	273	1.75	4	2	ND	2	14	1	2	2	4	.21	.02	6	83	.18	169	.09	45	.90	.06	.52	2	1
FBC UM-1630	1	10	6	100	.1	96	18	729	4.09	5	2	ND	2	50	1	2	2	58	2.67	.07	6	148	2.43	33	.13	33	3.54	.11	.13	2	1
FBC UM-1631	1	59	2	53	.1	4	4	115	1.12	3	2	ND	3	10	1	2	2	2	.36	.01	25	85	.05	84	.04	33	.53	.05	.29	2	3
FBC UM-1632	1	51	2	23	.1	7	3	172	1.75	2	2	ND	2	9	1	2	2	6	.28	.02	21	83	.24	114	.08	37	.85	.05	.47	2	1
FBC UM-1633	1	444	3	52	.5	9	4	391	1.78	7	2	ND	2	10	1	4	2	14	.14	.03	7	68	.61	141	.11	47	1.28	.06	.88	2	1
FBC UM-1634	1	5	7	124	.1	18	6	289	2.27	2	2	ND	2	15	1	4	2	26	.39	.04	14	48	1.90	132	.09	37	2.76	.10	.92	2	1
FBC UM-1635	1	47	2	27	.1	30	9	330	1.99	6	2	ND	2	10	1	2	2	51	1.39	.02	2	86	.79	31	.15	34	1.31	.12	.12	2	2
FBC UM-1636	1	6	1	31	.1	6	3	266	2.74	4	2	ND	2	13	1	3	2	9	.29	.03	13	74	.27	129	.12	36	.96	.06	.49	2	1
FBC UM-1637	1	94	1	53	.1	53	20	394	3.72	7	2	ND	2	8	1	3	2	61	1.30	.03	3	38	2.07	87	.19	37	2.97	.07	.31	2	2
FBC UM-1638	1	49	1	30	.1	20	9	336	2.43	6	2	ND	2	18	1	2	2	59	1.59	.03	2	98	1.05	70	.18	37	2.23	.17	.34	2	1
FBC UM-1639	1	110	4	33	.5	12	5	181	1.87	4	2	ND	2	11	1	2	2	12	.37	.02	10	87	.39	104	.10	37	1.08	.06	.30	2	12
FBC UM-1640	1	43	5	28	.1	8	5	191	2.43	4	2	ND	2	10	1	2	2	12	.38	.03	11	83	.34	209	.12	34	1.26	.07	.62	2	2
FBC UM-1641	1	51	3	46	.1	12	11	425	3.15	7	2	ND	2	9	1	2	2	93	1.38	.06	4	38	.96	67	.14	33	1.52	.14	.29	2	1
FBC UM-1642	1	10	2	44	.1	12	5	339	2.67	4	2	ND	2	13	1	2	2	23	.51	.02	13	94	.39	219	.13	36	1.39	.06	.60	2	2
FBC UM-1643	1	5	2	14	.1	4	2	102	1.57	2	2	ND	2	11	1	2	2	4	.18	.01	13	90	.08	120	.06	38	.53	.07	.18	2	1
FBC UM-1644	1	19	1	26	.1	17	7	321	2.02	7	2	ND	2	9	1	2	2	58	1.24	.02	3	90	.87	57	.15	35	1.43	.13	.23	2	1
FBC UM-1645	1	69	4	53	.1	15	6	321	2.33	4	2	ND	2	13	1	2	2	22	.77	.07	11	63	.57	62	.11	38	1.30	.08	.25	2	1
FBC UM-1646	1	3	6	26	.1	19	6	169	2.04	6	2	ND	2	9	1	4	2	40	.29	.04	10	62	1.46	319	.14	39	2.04	.08	1.29	2	1
FBC UM-1647	1	16	2	14	.1	9	1	82	.62	2	2	ND	4	8	1	2	2	3	.29	.01	31	104	.11	35	.02	37	.38	.06	.05	2	1
STD A-1/FA-AU	1	30	38	161	.3	35	11	974	2.76	9	2	ND	2	34	1	2	2	56	.59	.10	7	77	.71	283	.08	7	2.02	.02	.21	2	53

SAMPLE#	RM	CJ	PD	ZN	AB	NI	CO	KM	FE	AS	U	AU	TM	BR	CO	SB	SI	Y	CA	P	LA	CR	MO	BA	TI	S	ML	RA	K	Y	MUT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
FBC UM-1648	1	12	2	49	.1	14	6	349	1.95	4	2	ND	2	9	1	2	4	56	1.30	.03	2	91	.69	39	.14	32	1.47	.14	.13	2	105
FBC UM-1649	1	7	2	23	.1	10	3	234	1.39	2	2	ND	3	7	1	2	2	11	.47	.01	28	68	.43	67	.04	39	.97	.06	.31	3	1
FBC UM-1650	1	72	2	32	.1	9	10	375	2.94	3	2	ND	2	4	1	2	2	81	1.21	.04	3	36	.76	49	.14	36	1.36	.14	.21	2	2
FBC UM-1651	1	14	3	17	.1	6	2	123	1.57	2	2	ND	2	19	1	2	2	3	.37	.01	26	104	.17	78	.05	44	.65	.08	2	2	
FBC UM-1652	2	12	2	21	.1	4	1	109	.66	2	2	ND	3	8	1	2	2	2	.25	.01	31	103	.05	49	.02	37	.42	.06	.15	2	1
FBC UM-1653	1	17	3	23	.2	7	1	126	.67	3	2	ND	2	20	1	2	2	7	.80	.04	22	86	.17	37	.08	38	.80	.06	.08	2	1
FBC UM-1654	2	83	3	53	.1	9	11	358	4.08	8	2	ND	3	9	1	2	2	18	.23	.06	72	59	.57	387	.20	39	2.02	.06	1.38	2	1
FBC UM-1655	1	4	10	105	.3	83	21	595	6.70	9	2	ND	2	31	2	2	2	101	.60	.02	2	163	2.90	294	.22	42	4.60	.09	3.36	7	5
FBC UM-1656	1	8	3	79	.1	26	7	303	2.94	3	2	ND	2	12	1	2	2	40	.39	.03	9	67	1.01	214	.14	39	2.02	.07	1.12	2	2
FBC UM-1657	1	18	2	61	.1	14	11	364	4.18	6	2	ND	2	5	1	2	2	94	1.30	.05	3	39	1.04	166	.17	38	2.02	.16	.75	2	1
FBC UM-1658	1	34	7	40	.1	80	16	340	3.41	8	2	ND	2	13	1	2	2	37	.43	.06	7	120	2.46	277	.14	36	3.29	.10	1.90	2	1
FBC UM-1659	1	14	11	27	.1	7	2	144	.89	2	2	ND	3	32	1	2	2	9	.79	.03	17	73	.29	65	.06	38	.68	.05	.18	2	1
FBC UM-1660	1	14	4	79	.1	6	3	476	2.59	2	2	ND	2	16	1	2	2	8	.29	.03	24	105	.23	166	.12	44	1.21	.09	.70	2	1
FBC UM-1661	1	4	4	46	.1	8	4	289	2.20	4	2	ND	2	9	1	2	2	19	.17	.02	7	68	.41	188	.10	43	1.26	.06	.76	2	1
FBC UM-1662	1	86	4	31	.1	10	3	137	1.15	6	2	ND	2	14	1	2	2	11	.29	.03	11	70	.40	106	.06	42	.93	.06	.49	2	1
FBC UM-1663	1	59	2	67	.1	17	3	203	2.60	8	2	ND	2	5	1	2	2	28	.13	.04	4	80	.69	239	.13	48	1.54	.05	.98	2	1
FBC UM-1664	1	22	3	51	.2	7	10	262	2.57	3	2	ND	2	17	1	2	2	62	1.14	.19	13	32	.77	139	.14	41	1.66	.12	.37	2	1
FBC UM-1665	1	17	2	69	.1	4	8	310	3.02	3	2	ND	2	15	1	2	2	43	1.28	.23	9	32	.71	163	.13	48	1.65	.13	.48	2	1
FBC UM-1666	1	12	2	47	.1	13	6	341	2.03	2	2	ND	2	13	1	2	2	24	.56	.06	6	51	.63	160	.11	44	1.32	.08	.45	2	1
FBC UM-1667	1	14	2	44	.1	3	10	316	2.64	2	2	ND	2	13	1	2	2	39	1.01	.14	12	36	.78	141	.14	40	1.49	.10	.47	2	2
FBC UM-1668	1	32	4	51	.2	10	9	329	3.49	7	2	ND	2	15	1	2	2	67	.71	.04	10	45	.60	218	.16	42	1.57	.09	.67	2	1
FBC UM-1669	1	4	2	17	.1	19	3	128	1.54	2	2	ND	2	11	1	2	2	26	.29	.04	16	86	.64	117	.10	39	1.18	.06	.67	2	1
FBC UM-1670	1	10	2	67	.1	3	7	323	2.78	4	2	ND	2	19	1	2	2	23	1.24	.17	16	38	.71	93	.13	44	1.53	.10	.32	2	2
FBC UM-1671	1	3	3	19	.1	23	6	169	1.66	2	2	ND	2	11	1	2	2	20	.41	.04	11	81	.65	152	.10	32	1.25	.05	.60	2	1
FBC UM-1672	1	3	4	25	.1	18	4	180	1.45	2	2	ND	2	14	1	2	2	20	.40	.04	14	86	.58	122	.10	41	1.14	.07	.53	2	1
FBC UM-1673	1	20	4	39	.1	30	10	316	3.77	8	2	ND	2	12	1	2	2	33	.22	.04	7	73	1.39	238	.19	37	2.51	.06	1.77	2	1
FBC UM-1674	1	3	2	28	.1	35	7	238	1.75	2	2	ND	2	17	1	2	2	35	.86	.07	8	63	.76	105	.10	41	1.46	.10	.37	2	2
FBC UM-1675	1	7	2	33	.1	5	3	326	1.81	3	2	ND	2	14	1	2	2	11	.32	.04	76	51	.31	86	.10	45	.89	.05	.46	2	3
FBC UM-1676	1	4	2	35	.1	6	2	180	1.23	2	2	ND	2	15	1	2	2	12	.23	.03	10	36	.40	90	.09	39	.96	.06	.33	2	1
FBC UM-1677	1	4	2	14	.1	3	2	88	.90	2	2	ND	2	7	1	2	2	2	.06	.01	8	59	.27	79	.04	50	.65	.07	.37	2	1
FBC UM-1678	1	3	2	18	.1	13	2	188	1.23	2	2	ND	2	7	1	2	2	15	.19	.02	10	94	.44	137	.08	42	.92	.06	.52	2	9
FBC UM-1679	1	33	2	40	.1	18	9	295	2.72	4	2	ND	2	13	1	2	2	72	.81	.05	12	54	.79	142	.16	44	1.65	.10	.49	2	2
FBC UM-1680	1	4	2	16	.1	16	3	145	1.18	2	2	ND	2	11	1	2	2	15	.35	.04	14	82	.54	163	.10	50	.99	.07	.52	2	1
FBC UM-1681	1	5	2	36	.1	19	4	275	1.93	3	2	ND	2	14	1	2	2	16	.35	.03	14	104	.58	206	.11	36	1.30	.07	.67	2	2
FBC UM-1682	1	25	2	48	.1	12	12	334	2.92	5	2	ND	2	16	1	2	2	82	.95	.08	10	60	.85	148	.17	49	1.67	.10	.35	2	1
FBC UM-1683	1	5	2	27	.1	24	7	194	2.37	4	2	ND	2	7	1	2	2	29	.24	.04	7	87	1.05	258	.14	43	1.89	.08	1.27	2	3
FBC UM-1684	1	4	3	45	.1	14	4	342	2.29	4	2	ND	2	16	1	2	2	18	.34	.04	11	96	.64	111	.12	41	1.41	.07	.82	2	1
STD A-1/FA-AU	1	30	38	183	.3	36	11	987	2.81	9	2	ND	2	36	1	2	2	56	.60	.10	8	74	.69	279	.08	7	2.04	.02	.21	2	34

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AD PPH	NI PPH	CO PPH	PK PPH	FE %	AS PPH	S PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	SA PPH	TI %	B PPH	AL %	BA %	K %	S PPH	Ag PPH
FBC UM-1683	1	19	4	45	.1	37	10	400	2.87	4	2	NA	2	17	1	2	2	48	1.75	.04	3	110	1.37	52	.18	33	2.26	.21	.48	2	2
FBC UM-1685A	1	8	6	72	.1	19	10	734	4.61	7	2		2	27	1	2	2	87	1.27	.06	15	44	.98	240	.22	41	2.32	.12	1.14	2	1
FBC UM-1686	1	4	5	38	.1	22	6	277	2.04	4	2	ND	2	10	1	2	2	25	.42	.04	10	98	.70	319	.14	48	1.44	.08	.76	2	3
FBC UM-1687	1	5	5	27	.1	24	8	181	2.80	4	2	ND	2	6	1	2	2	32	.12	.04	6	100	1.05	309	.15	47	1.93	.07	1.26	2	1
FBC UM-1688	1	128	7	19	.1	80	9	312	1.91	9	2	ND	2	54	1	2	2	32	1.76	.08	10	109	1.16	66	.12	40	3.12	.32	.26	2	9
FBC UM-1689	1	6	2	14	.1	14	2	109	.85	2	2	ND	2	19	1	2	2	15	.88	.04	12	100	.31	41	.14	40	.85	.09	.12	2	5
FBC UM-1690	1	4	6	31	.1	19	5	178	2.04	5	2	ND	2	13	1	2	2	23	.31	.04	13	105	.71	140	.14	48	1.48	.07	.97	2	1
FBC UM-1691	1	4	4	28	.1	21	5	226	2.01	4	2	ND	2	14	1	2	2	24	.31	.04	13	98	.76	213	.14	49	1.47	.08	.94	2	1
FBC UM-1692	1	7	6	60	.2	57	13	401	4.79	8	2	ND	2	5	1	2	2	86	.63	.04	3	128	2.65	217	.22	12	3.65	.09	1.82	2	1
FBC UM-1693	1	8	2	10	.1	11	1	96	.81	2	2	ND	2	13	1	3	2	15	.67	.04	13	97	.24	49	.14	43	.68	.07	.16	2	1
FBC UM-1694	1	5	4	17	.1	4	1	140	.71	2	2	ND	3	7	1	2	2	3	.17	.01	4	60	.13	87	.03	40	.62	.06	.31	2	1
FBC UM-1695	1	3	4	77	.1	15	8	482	3.86	6	2	ND	2	24	1	2	2	26	.61	.10	14	31	1.03	210	.28	45	2.14	.06	.84	2	1
FBC UM-1696	1	5	5	29	.1	21	6	201	2.04	2	2	ND	2	12	1	2	2	27	.25	.04	11	92	.82	313	.16	42	1.55	.08	.98	2	1
FBC UM-1697	1	4	2	20	.1	19	4	170	1.57	3	2	ND	2	13	1	3	2	22	.49	.04	15	99	.54	122	.14	50	1.19	.07	.73	2	2
FBC UM-1698	1	4	5	49	.1	12	7	431	3.57	6	2	ND	2	16	1	2	2	33	.47	.03	13	72	.70	322	.21	39	1.73	.08	1.02	2	3
FBC UM-1699	1	8	5	26	.1	22	5	158	1.76	5	2	ND	2	13	1	2	2	27	.30	.04	14	110	.75	257	.14	41	1.39	.08	.86	2	2
FBC UM-1700	1	4	2	35	.1	7	3	173	1.09	2	2	ND	2	17	1	2	2	11	.24	.03	4	74	.31	91	.10	49	.87	.07	.48	2	1
FBC UM-1701	1	4	3	18	.1	3	1	92	.64	2	2	ND	3	5	1	2	2	2	.05	.01	2	73	.03	76	.03	44	.41	.05	.26	2	1
FBC UM-1702	1	14	3	27	.1	22	8	169	2.00	6	3	ND	2	17	1	2	2	24	.29	.04	23	107	.88	99	.14	46	1.54	.08	1.02	2	1
FBC UM-1703	1	5	3	24	.1	22	6	195	2.03	2	2	ND	2	9	1	2	2	29	.28	.04	14	102	.80	301	.15	43	1.53	.08	.97	2	3
FBC UM-1704	1	12	1	24	.1	5	2	124	.88	2	2	ND	2	15	1	2	2	10	.17	.03	5	78	.24	113	.07	44	.70	.08	.37	2	1
FBC UM-1705	1	13	1	18	.1	7	2	185	1.19	3	2	ND	2	12	1	2	2	3	.40	.02	24	85	.20	58	.10	35	.76	.05	.38	2	15
+ FBC UM-1705A +	1	4	4	29	.1	24	8	187	2.68	2	2	ND	2	9	1	3	2	27	.23	.04	10	93	1.03	233	.17	45	1.98	.05	1.38	2	1
FBC UM-1706	1	3	5	57	.1	28	9	382	2.67	7	2	ND	2	25	1	2	2	28	.63	.04	2	79	1.21	226	.19	39	2.18	.04	1.20	2	1
FBC UM-1707	1	9	3	40	.1	7	1	262	1.85	3	2	ND	2	8	1	2	2	3	.24	.01	30	99	.14	99	.10	42	.94	.07	.51	2	2
FBC UM-1708	1	6	5	33	.1	21	4	234	1.77	3	2	ND	2	15	1	2	2	23	.39	.04	14	119	.58	214	.14	44	1.24	.08	.58	2	1
FBC UM-1709	1	3	2	16	.1	7	1	86	.63	2	2	ND	2	21	1	2	2	5	.38	.02	3	101	.16	64	.04	39	.72	.05	.20	2	2
+ FBC UM-1710 +	1	8	3	40	.1	6	3	361	2.41	4	2	ND	2	13	1	2	2	15	.38	.04	20	94	.31	147	.15	46	1.08	.08	.64	2	1
FBC UM-1711	1	8	3	39	.1	7	2	241	2.36	2	2	ND	2	10	1	2	2	7	.28	.03	21	104	.19	156	.13	47	1.10	.08	.59	2	1
FBC UM-1711A	1	7	3	47	.1	6	3	416	2.77	4	2	ND	2	18	1	3	2	8	.38	.04	30	94	.24	211	.15	43	1.20	.07	.71	2	1
FBC UM-1712	1	8	4	46	.1	7	1	283	1.96	2	2	ND	2	14	1	2	2	3	.17	.01	26	112	.10	141	.10	49	.88	.07	.47	2	3
FBC UM-1713	1	6	1	26	.1	7	2	187	1.22	4	2	ND	2	18	1	2	2	4	.43	.03	27	116	.21	77	.14	53	.73	.08	.25	2	2
FBC UM-1714	1	9	2	44	.1	11	4	402	2.81	5	2	ND	2	12	1	2	2	17	.48	.04	23	79	.36	219	.16	48	1.33	.07	.92	2	1
FBC UM-1715	1	82	1	34	.1	8	3	236	1.28	2	2	ND	2	5	1	2	2	6	.49	.03	30	107	.22	80	.11	47	.71	.07	.35	2	1
FBC UM-1716	1	9	4	54	.1	24	10	398	2.86	8	2	ND	2	14	1	2	2	50	.86	.07	12	79	.94	226	.22	45	1.73	.10	.95	2	1
FBC UM-1717	1	16	5	48	.1	20	10	383	3.23	3	2	ND	2	12	1	2	2	71	1.25	.08	8	63	.84	162	.22	51	1.69	.13	.54	2	3
FBC UM-1718	1	6	1	32	.1	7	2	355	2.40	4	2	ND	2	18	1	2	2	7	.27	.02	37	89	.19	171	.13	46	1.09	.07	.55	2	1
STD R-1/FA-AU	1	31	37	182	.3	36	11	981	2.79	9	2	ND	2	35	1	2	2	55	.59	.10	8	75	.68	285	.08	7	2.03	.01	.21	2	52

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	NI PPH	CO PPH	MN PPH	FE %	AB PPH	V PPH	NI PPH	TH PPH	SR PPH	CO PPH	BB PPH	BI PPH	Y PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	AL %	WA %	K %	R PPH	W/L P
FBC UM-1756	3	9	10	76	.2	23	13	694	3.91	12	3	ND	2	20	1	2	2	60	1.73	.09	13	58	1.64	190	.14	37	2.40	.04	.75	2	1
FBC UM-1757	1	45	5	35	.1	29	8	314	2.19	10	2	ND	2	21	1	3	2	38	.75	.04	8	79	1.09	220	.11	43	1.91	.15	.68	2	2
FBC UM-1758	1	5	7	88	.1	42	13	576	3.80	12	2	ND	2	10	1	3	2	65	.45	.04	11	95	1.81	488	.20	44	2.78	.07	1.31	2	1
FBC UM-1759	1	74	4	85	.1	26	9	519	2.92	11	2	ND	2	44	1	3	2	49	.64	.01	7	82	1.39	429	.17	12	2.89	.18	1.44	2	1
FBC UM-1760	1	27	5	52	.1	26	10	284	2.50	8	2	ND	2	7	1	3	2	47	.33	.04	8	76	1.48	279	.13	47	1.88	.06	.85	2	1
FBC UM-1761	1	4	5	87	.1	39	12	489	3.02	7	2	ND	2	22	1	2	2	40	.62	.04	4	79	1.64	240	.17	44	2.54	.05	1.19	2	1
FBC UM-1762	1	16	6	62	.1	31	9	314	2.30	4	2	ND	2	8	1	4	2	40	.38	.04	7	87	1.50	154	.11	43	1.96	.06	.52	2	1
FBC UM-1763	1	44	3	37	.1	27	6	251	1.60	7	2	ND	2	28	1	2	2	31	.66	.04	8	72	.84	219	.10	42	1.65	.15	.57	2	1
FBC UM-1763A	1	4	5	78	.2	49	12	664	3.18	10	2	ND	2	12	1	2	2	69	1.42	.18	18	130	1.69	249	.14	43	2.13	.13	.80	2	2
FBC UM-1763B	2	76	6	41	.2	19	9	350	2.59	8	2	ND	2	18	1	4	2	57	1.25	.10	14	48	.91	104	.12	44	1.65	.13	.20	2	3
FBC UM-1763C	1	6	2	16	.1	24	7	152	1.71	9	2	ND	2	8	1	2	2	39	.35	.04	10	64	.86	110	.12	50	1.21	.09	.43	2	1
FBC UM-1763D	1	10	2	32	.1	6	1	246	1.59	3	2	ND	2	14	1	2	2	3	.75	.03	31	82	.09	108	.05	46	.56	.05	.35	2	1
FBC UM-1764	1	8	3	71	.1	20	7	533	2.53	9	2	ND	2	11	1	2	2	47	.25	.01	7	73	.99	314	.18	44	1.89	.07	1.20	2	2
FBC UM-1765	1	12	4	71	.1	26	8	242	2.30	5	2	ND	2	7	1	2	2	46	.47	.02	6	65	.99	194	.14	39	1.58	.07	.79	2	1
FBC UM-1766	1	16	7	46	.3	11	4	238	1.23	4	2	ND	2	13	1	2	2	27	.52	.03	14	68	.31	114	.11	40	1.00	.04	.42	2	1
FBC UM-1767	1	10	5	48	.1	13	5	244	1.48	6	2	ND	2	12	1	2	2	26	.21	.03	11	56	.24	141	.11	49	.93	.05	.60	2	1
FBC UM-1768	1	24	13	163	.4	22	10	426	2.39	9	2	ND	2	8	1	2	2	37	.26	.04	17	67	.94	229	.14	44	1.78	.06	1.06	2	2
FBC UM-1769	1	18	11	66	.2	13	6	281	1.73	6	2	ND	2	21	1	3	2	22	.36	.04	12	53	.92	168	.12	45	1.93	.11	.98	2	1
FBC UM-1770	1	17	7	21	.2	23	7	169	2.27	7	2	ND	2	7	1	3	2	54	.10	.04	11	62	.89	255	.12	42	1.73	.06	.87	2	1
FBC UM-1771	1	13	5	78	.1	5	2	437	2.44	7	2	ND	2	7	1	2	2	8	.21	.03	22	65	.57	244	.11	44	1.44	.05	.96	2	1
FBC UM-1772	1	3	5	81	.1	4	2	414	2.38	7	2	ND	2	8	1	2	2	6	.10	.03	13	61	.39	346	.14	43	1.51	.05	1.06	2	1
FBC UM-1773	1	7	9	65	.2	9	4	219	1.08	3	2	ND	2	9	1	2	2	27	.31	.03	10	64	.36	139	.07	36	.85	.04	.44	2	2
FBC UM-1774	1	7	16	83	.2	7	4	339	1.71	8	2	ND	2	20	1	2	2	16	.41	.04	20	56	.49	144	.14	37	1.37	.04	.77	2	3
FBC UM-1775	1	32	6	91	.2	30	9	366	2.41	9	2	ND	2	18	1	2	2	46	.55	.04	9	73	1.20	310	.13	37	1.78	.07	.84	2	1
FBC UM-1776	1	4	1	38	.1	35	8	214	1.99	8	2	ND	2	19	1	3	2	32	.46	.03	4	54	.54	147	.15	29	1.59	.08	.75	2	4
FBC UM-1777	1	5	2	46	.1	19	6	268	2.23	6	2	ND	2	11	1	2	2	37	.22	.03	4	51	.60	97	.14	24	1.24	.04	.50	2	3
FBC UM-1778	1	4	3	62	.1	23	8	340	2.21	6	2	ND	2	7	1	2	2	32	.70	.03	7	54	.95	185	.10	33	1.48	.03	.71	2	1
FBC UM-1779	1	19	6	64	.1	21	8	266	2.40	7	2	ND	2	7	1	2	2	29	.51	.04	7	62	.63	108	.05	34	1.17	.05	.33	2	1
FBC UM-1780	1	3	5	65	.1	17	4	395	2.04	8	2	ND	2	5	1	2	2	31	.25	.04	9	74	.81	141	.14	36	1.52	.05	.94	2	1
FBC UM-1781	1	24	3	46	.1	14	7	249	2.10	6	2	ND	2	8	1	2	2	30	.34	.03	10	66	.77	147	.10	40	1.40	.05	.63	2	1
FBC UM-1782	1	316	90	523	2.6	17	8	308	1.24	5	2	ND	2	27	2	2	137	17	1.13	.03	11	47	.61	101	.12	33	2.01	.04	.41	2	84
FBC UM-1783	1	9	5	37	.2	9	3	222	.97	2	2	ND	2	8	1	2	4	22	.19	.03	7	46	.19	102	.07	41	.72	.03	.44	2	7
FBC UM-1784	1	17	11	89	.2	20	8	392	2.26	9	2	ND	2	9	1	2	2	44	.64	.04	8	64	1.09	216	.14	39	1.54	.06	.57	2	23
FBC UM-1785	1	3	4	51	.1	5	2	325	2.04	5	2	ND	2	14	1	2	2	6	.47	.03	23	54	.22	101	.08	31	.85	.04	.45	2	2
FBC UM-1786	1	12	5	65	.1	20	8	345	2.53	7	2	ND	2	5	1	3	2	37	.17	.03	8	61	.24	154	.14	34	1.72	.03	1.04	2	1
FBC UM-1787	1	7	6	72	.2	19	6	353	2.08	8	2	ND	2	6	1	3	2	28	.17	.04	11	63	.91	136	.13	32	1.63	.04	.94	2	1
FBC UM-1788	1	3	3	52	.1	17	7	366	2.12	6	2	ND	2	7	1	2	2	38	.32	.03	5	56	.80	245	.13	42	1.32	.07	.73	2	1
FBC UM-1789	1	6	6	53	.1	21	9	373	2.59	8	2	ND	2	10	1	3	2	43	.23	.03	5	63	.87	235	.18	35	1.70	.06	1.14	2	1
FBC UM-1790	1	13	6	54	.1	21	7	502	2.28	9	2	ND	2	10	1	2	2	31	.60	.03	8	66	.92	178	.14	34	1.74	.05	.90	2	1
STD A-1/FA-AU	1	31	40	185	.3	37	11	998	2.75	11	2	ND	2	36	1	2	2	57	.60	.11	8	78	.70	278	.08	7	2.01	.02	.21	2	34

SAMPLE	NO PPH	CU PPH	PS PPH	ZR PPH	AG PPH	NI PPH	CO PPH	NI PPH	FE PPH	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CO PPH	SB PPH	PI PPH	V PPH	CA PPH	P PPH	LA PPH	CR PPH	MO PPH	BA PPH	TI PPH	B PPH	AL PPH	WA PPH	K PPH	S PPH	
FBC UM-1791	1	6	6	66	.3	20	9	406	2.68	8	2	ND	2	13	1	2	2	46	.48	.03	7	66	1.15	234	.13	40	2.03	.06	.01	2	2
FBC UM-1792	1	2	2	63	.1	22	10	349	2.85	9	2	ND	2	7	1	2	2	51	.14	.03	3	59	1.07	204	.19	34	1.82	.05	1.13	2	1
FBC UM-1793	1	8	6	32	.1	22	7	250	2.48	6	2	ND	2	3	1	4	2	50	.24	.03	4	61	1.25	105	.17	39	1.83	.04	.66	2	1
FBC UM-1794	1	3	2	45	.1	21	10	415	2.52	4	2	ND	2	22	1	2	2	37	.76	.03	4	57	1.29	42	.18	32	2.11	.04	.29	2	1
FBC UM-1795	1	44	2	87	.3	24	11	431	2.89	10	2	ND	2	6	1	2	2	45	.24	.03	4	52	1.06	113	.19	35	2.15	.04	1.21	2	3
FBC UM-1796	1	2	6	62	.1	19	7	216	2.22	6	2	ND	2	5	1	2	2	40	.22	.03	9	61	.89	215	.13	38	1.70	.05	.86	2	1
FBC UM-1797	1	3	12	46	.1	23	6	335	1.86	2	8	ND	2	247	1	2	2	23	2.45	.07	14	71	.80	87	.09	38	3.78	.32	.13	2	2
FBC UM-1798	1	18	5	60	.1	24	8	473	2.32	6	2	ND	2	17	1	2	2	31	.59	.03	11	61	.41	217	.12	33	1.24	.06	.59	2	1
FBC UM-1799	1	7	1	35	.1	17	6	141	1.49	2	2	ND	2	7	1	2	2	28	.68	.03	8	58	.30	124	.08	45	.91	.04	.47	2	1
FBC UM-1800	1	17	9	175	.1	16	7	275	2.49	8	3	ND	2	6	1	2	2	32	.14	.03	5	59	.53	194	.12	33	1.52	.04	.62	2	1
FBC UM-1801	1	2	7	49	.1	10	2	199	1.52	5	4	ND	2	9	1	2	2	24	.16	.03	7	57	.24	144	.12	33	1.04	.05	.61	2	1
FBC UM-1802	1	4	4	69	.1	5	2	452	2.39	5	2	ND	2	10	1	2	2	6	.94	.03	22	57	.21	96	.08	47	.83	.04	.39	2	1
FBC UM-1803	1	30	8	59	.3	11	14	111	2.02	2	2	ND	2	11	1	2	2	.14	.03	4	45	.11	55	.03	34	.65	.03	.19	2	11	
FBC UM-1804	1	7	9	57	.1	21	11	358	3.17	5	2	ND	2	10	1	2	2	43	.19	.03	5	71	1.16	221	.18	44	2.34	.07	1.51	2	1
FBC UM-1805	1	2	2	40	.1	18	9	337	2.49	7	2	ND	2	14	1	2	2	39	.71	.03	8	61	1.64	157	.17	45	1.78	.06	.71	2	1
FBC UM-1806	1	28	2	88	.4	13	5	371	2.25	8	2	ND	2	15	1	2	2	20	.33	.03	15	67	.55	182	.17	48	1.24	.05	.65	2	3
FBC UM-1807	1	5	2	34	.1	18	7	316	2.80	8	3	ND	2	3	1	2	2	39	.88	.03	8	64	1.05	226	.16	48	2.11	.04	1.26	2	1
FBC UM-1808	1	48	7	73	.2	30	10	447	2.61	11	2	ND	2	13	1	2	2	49	.38	.03	10	71	1.09	328	.19	37	1.95	.06	1.04	2	1
FBC UM-1809	1	17	5	75	.1	25	10	315	3.00	5	2	ND	2	6	1	2	2	38	.13	.03	5	61	.56	175	.15	38	1.57	.05	.93	2	1
FBC UM-1810	4	85	32	31	.5	5	1	118	.50	2	2	ND	2	14	1	2	2	6	.40	.08	5	81	.07	46	.03	43	.86	.06	.22	2	4
FBC UM-1811	1	3	11	52	.1	20	10	290	2.52	5	2	ND	2	40	1	2	2	40	1.05	.03	2	67	1.18	351	.17	33	3.87	.28	1.42	2	1
FBC UM-1812	1	17	7	86	.1	21	9	435	2.64	6	3	ND	2	7	1	2	2	49	.81	.03	2	58	1.01	178	.17	47	2.00	.06	1.07	2	2
FBC UM-1813	1	11	2	72	.1	20	7	491	2.67	2	2	ND	2	5	1	2	2	38	.11	.03	6	46	.43	166	.08	37	1.17	.04	.41	2	1
FBC UM-1814	1	13	4	65	.1	22	9	259	2.48	2	3	ND	2	6	1	2	2	35	.19	.03	7	70	.48	208	.11	42	1.36	.04	.59	2	4
FBC UM-1815	1	25	1	95	.2	23	9	410	2.73	4	2	ND	2	6	1	2	2	37	.29	.04	9	59	.76	279	.14	50	1.72	.05	.94	2	1
FBC UM-1816	1	10	5	53	.1	19	7	221	1.94	2	2	ND	2	10	1	2	2	22	.20	.04	6	62	.35	85	.09	42	1.12	.04	.44	2	1
FBC UM-1817	1	2	5	56	.1	5	1	271	1.83	6	2	ND	2	12	1	2	2	5	.39	.03	24	63	.22	87	.10	38	1.01	.04	.53	2	1
FBC UM-1818	1	3	4	43	.1	19	9	311	2.38	11	2	ND	2	10	1	2	2	39	.51	.03	7	64	.94	106	.18	38	1.73	.06	.78	2	1
FBC UM-1819	1	2	6	50	.1	19	10	671	2.52	7	2	ND	2	13	1	2	2	38	.37	.03	6	64	1.05	223	.17	46	1.87	.05	1.02	2	1
FBC UM-1820	1	26	6	102	.1	21	9	444	2.77	5	2	ND	2	11	1	2	2	48	.45	.04	6	56	1.18	240	.18	33	2.26	.08	1.25	2	1
FBC UM-1821	1	4	5	58	.1	17	6	365	2.09	3	2	ND	2	4	1	2	2	33	.32	.04	9	59	.43	144	.12	31	1.20	.05	.64	2	1
FBC UM-1822	1	1	3	40	.1	18	8	315	2.33	6	2	ND	2	9	1	3	2	43	.41	.03	7	54	.84	162	.18	40	1.61	.06	.82	2	1
FBC UM-1823	1	13	16	98	.2	32	10	537	2.92	9	5	ND	2	85	1	2	2	52	2.85	.03	6	71	1.45	273	.19	36	7.29	.42	1.60	2	2
FBC UM-1824	1	3	2	86	.1	40	12	429	3.21	2	2	ND	2	6	1	2	2	62	.27	.04	6	59	1.39	251	.20	40	2.49	.67	1.46	2	1
FBC UM-1825	1	5	8	84	.1	4	1	471	2.42	8	2	ND	2	8	1	2	2	7	.75	.03	22	63	.50	135	.16	42	1.64	.06	.98	2	1
FBC UM-1826	1	39	12	42	.1	6	2	322	1.61	2	2	ND	2	8	1	2	2	6	.41	.03	25	70	.30	101	.10	44	1.02	.03	.47	2	1
FBC UM-1827	1	7	8	55	.1	16	4	480	.97	5	2	ND	2	45	1	2	2	10	1.98	.04	8	75	.51	127	.07	38	3.01	.08	.10	2	1
STD A-1/FA-AU	1	30	41	186	.3	36	11	1065	2.81	10	2	ND	2	36	1	2	2	57	.60	.11	7	75	.69	280	.09	8	2.03	.01	.20	2	51

SAMPLE	NO	CU	PB	ZN	AS	KI	CO	FM	FE	AS	U	AU	TH	SR	CO	SB	BI	V	CA	P	LA	CR	MO	BA	TI	B	AL	MA	K	S	NI	PPH
FBC UM-1828	1	10	3	101	.1	25	9	415	2.49	5	2	ND	2	0	1	2	2	47	.40	.03	0	62	1.00	328	.11	39	1.85	.05	.96	2	4	
FBC UM-1829	1	4	4	57	.1	3	2	296	1.04	4	2	ND	2	14	1	2	2	6	.31	.03	9	60	.26	185	.12	45	1.24	.05	.62	2	1	
FBC UM-1830	1	8	4	89	.1	19	7	383	2.03	5	3	ND	2	5	1	2	2	31	.16	.03	0	63	.57	84	.15	43	1.43	.04	1.04	2	1	
FBC UM-1831	1	34	1	76	.2	18	8	406	1.97	6	2	ND	2	16	1	2	2	42	.36	.04	9	62	.75	264	.16	42	1.74	.09	.85	2	9	
FBC UM-1832	1	13	2	29	.1	4	4	208	1.36	3	2	ND	2	12	1	2	2	7	.26	.03	15	61	.37	174	.12	44	1.16	.05	.65	2	1	
FBC UM-1833	1	7	3	89	.1	18	9	443	2.28	6	3	ND	2	7	1	2	2	43	.17	.03	5	59	.90	181	.11	44	1.46	.06	.84	2	1	
FBC UM-1834	1	14	2	64	.1	26	8	401	2.52	7	2	ND	2	15	1	2	2	44	.29	.05	7	60	.67	185	.20	46	1.85	.07	1.12	2	1	
FBC UM-1835	1	31	3	37	.3	18	8	268	2.22	3	2	ND	2	6	1	2	2	43	.17	.03	7	53	.90	278	.12	41	1.44	.05	.88	2	3	
FBC UM-1836	1	18	5	102	.5	19	9	576	2.41	6	2	ND	2	0	1	3	2	43	.17	.03	9	59	1.01	215	.18	43	1.98	.06	1.38	2	1	
FBC UM-1837	1	13	3	95	.1	21	9	480	2.51	6	2	ND	2	0	1	3	2	42	.14	.03	7	56	.93	249	.17	33	1.75	.06	1.16	2	1	
FBC UM-1838	1	21	14	176	.1	19	9	681	2.60	7	2	ND	2	6	1	2	2	47	.19	.03	5	54	1.03	139	.18	45	2.00	.05	1.30	2	1	
FBC UM-1839	1	4	6	103	.1	19	8	496	2.47	10	2	ND	2	14	1	3	2	42	.31	.03	6	54	.91	202	.17	39	2.14	.10	1.28	2	1	
FBC UM-1840	1	4	6	54	.1	21	8	271	2.28	5	2	ND	2	17	1	2	2	32	.36	.03	8	67	.48	167	.11	39	1.78	.08	.68	2	1	
FBC UM-1841	1	26	6	187	.3	29	8	399	1.96	4	5	ND	2	128	1	2	2	35	1.95	.03	7	65	.91	225	.11	38	4.57	.37	.72	2	9	
FBC UM-1842	1	31	2	114	.2	21	9	490	2.51	3	2	ND	2	13	1	2	2	44	.31	.03	8	59	.94	304	.15	36	1.79	.06	1.02	2	2	
FBC UM-1843	1	25	4	124	.1	20	10	633	2.60	4	2	ND	2	9	1	2	2	49	.16	.03	7	64	1.02	441	.19	38	2.05	.07	1.40	2	1	
FBC UM-1844	1	3	4	59	.1	5	2	352	2.17	4	2	ND	2	10	1	2	2	7	.31	.03	19	56	.23	116	.12	45	1.07	.04	.65	2	1	
FBC UM-1845	1	2	3	73	.1	4	2	356	2.11	2	2	ND	2	5	1	2	2	6	.29	.03	17	59	.47	144	.11	44	1.32	.04	.69	2	1	
FBC UM-1846	1	5	3	49	.1	3	2	362	1.68	2	2	ND	2	4	1	2	2	6	.12	.03	3	62	.35	187	.11	47	1.14	.05	.74	2	2	
FBC UM-1847	1	3	70	.1	20	9	536	2.60	9	2	ND	2	9	1	2	2	2	45	.20	.03	5	60	.91	298	.18	39	2.02	.05	1.26	2	1	
FBC UM-1848	1	13	2	69	.2	19	9	441	2.55	12	2	ND	2	9	1	3	2	46	.14	.03	4	62	.87	263	.18	45	1.84	.05	1.10	2	1	
FBC UM-1849	1	11	4	127	.1	20	9	551	2.48	9	2	ND	2	11	1	2	2	45	.26	.03	8	71	.94	278	.17	48	1.83	.06	1.18	2	1	
FBC UM-1850	1	26	3	82	.8	13	5	381	1.62	4	2	ND	2	12	1	2	2	30	.69	.08	8	47	.64	53	.10	45	1.08	.08	.24	2	3	
FBC UM-1851	1	19	2	64	.1	32	12	450	3.07	5	2	ND	2	9	1	2	2	59	.96	.09	7	61	.91	110	.14	47	1.65	.09	.39	2	1	
FBC UM-1852	1	12	2	72	.1	4	2	267	1.85	2	2	ND	2	11	1	2	2	5	.37	.03	13	63	.19	107	.06	40	.95	.04	.23	2	1	
FBC UM-1853	1	2	4	41	.1	3	1	283	1.88	3	2	ND	2	10	1	2	2	4	.21	.03	24	63	.23	93	.10	47	1.05	.04	.52	2	1	
FBC UM-1854	1	41	2	185	.5	38	14	597	3.31	11	5	ND	2	44	1	2	2	74	1.56	.04	9	62	1.34	283	.21	41	4.82	.31	1.54	2	2	
FBC UM-1855	1	3	4	60	.1	17	7	346	2.08	5	2	ND	2	11	1	2	2	38	.33	.03	6	50	.93	174	.15	47	1.68	.08	.89	2	1	
FBC UM-1856	1	3	1	56	.1	18	8	390	2.44	6	2	ND	2	6	1	4	2	47	.14	.03	3	63	1.03	181	.19	45	1.97	.06	1.26	2	1	
FBC UM-1857	1	3	2	70	.1	19	6	486	2.56	7	2	ND	2	8	1	2	2	44	.17	.03	7	61	.88	145	.18	40	1.81	.06	1.29	2	1	
FBC UM-1858	1	28	3	60	.1	24	9	437	2.61	4	2	ND	2	10	1	2	2	45	.40	.03	9	58	1.09	263	.17	37	1.99	.05	.90	2	3	
FBC UM-1859	1	5	4	53	.1	5	2	273	2.13	3	2	ND	2	8	1	2	2	7	.06	.03	20	55	.71	174	.10	48	1.54	.04	.85	2	1	
FBC UM-1860	1	5	5	74	.1	5	2	289	1.76	5	2	ND	2	10	1	2	2	6	.26	.03	18	61	.26	150	.10	45	1.06	.03	.59	2	2	
FBC UM-1861	1	3	2	60	.1	4	2	434	2.56	3	2	ND	2	8	1	2	2	8	.40	.04	21	64	.57	186	.15	45	1.56	.04	.90	2	1	
FBC UM-1862	1	4	2	66	.1	7	3	363	2.39	2	2	ND	2	11	1	2	2	8	.42	.04	24	67	.43	133	.10	49	1.24	.04	.52	2	1	
FBC UM-1863	1	2	1	58	.1	4	2	395	2.33	2	2	ND	2	9	1	2	2	7	.64	.04	22	56	.59	146	.11	43	1.41	.04	.60	2	1	
FBC UM-1864	2	10	4	53	.1	14	4	340	2.16	2	2	ND	2	8	1	2	2	19	.26	.03	23	77	.43	139	.11	46	.85	.06	.44	2	1	
SIS A-1/FA-60	1	30	38	182	.5	37	11	984	2.77	10	2	ND	2	35	1	2	2	56	.58	.11	8	75	.67	272	.09	7	2.02	.01	.20	2	53	

SAMPLE	NO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	SI PPH	CO PPH	MR PPH	FE %	MO PPH	U PPH	MU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	RB %	SA PPH	TI %	B PPH	AL %	SI %	K %	U PPH	M %
FBC UN-1865	1	14	4	74	.2	5	2	345	2.35	10	2	ND	3	12	1	2	2	6	.33	.03	24	94	.28	181	.13	77	1.25	.09	.76	2	1
FBC UN-1866	1	6	4	67	.1	15	6	313	2.31	8	3	ND	2	7	1	2	2	19	.09	.02	6	67	.32	166	.11	40	1.34	.08	1.00	2	1
FBC UN-1867	1	8	1	69	.1	5	2	362	2.32	8	2	ND	2	8	1	2	2	7	.25	.04	10	71	.41	157	.11	38	1.39	.06	.62	2	1
FBC UN-1868	1	5	6	62	.2	5	2	268	2.43	9	2	ND	2	6	1	2	2	8	.20	.04	20	58	.68	214	.12	44	1.43	.08	.83	2	1
FBC UN-1869	1	2	3	47	.1	13	4	280	1.69	7	2	ND	2	13	1	3	2	22	.26	.03	10	61	.40	153	.10	44	1.16	.08	.61	2	1
FBC UN-1870	1	47	3	57	.3	19	8	390	2.37	13	2	ND	2	18	1	2	2	26	.44	.04	12	58	.33	177	.10	47	1.58	.11	.76	2	3
FBC UN-1871	1	24	7	61	.1	18	9	400	2.73	9	2	ND	2	12	1	2	2	30	.33	.03	9	66	.68	209	.11	39	1.82	.12	.87	2	1
FBC UN-1872	1	4	3	47	.1	11	4	201	1.33	6	2	ND	2	7	1	2	2	22	.18	.03	9	64	.39	130	.07	55	.98	.08	.37	2	1
FBC UN-1873	1	12	5	47	.1	20	8	352	2.25	8	2	ND	2	8	1	2	2	32	.47	.03	10	77	.63	110	.11	51	1.59	.06	.34	2	2
FBC UN-1874	3	37	7	54	.2	11	4	662	2.24	11	4	PD	3	33	1	2	2	12	1.40	.04	19	38	.70	40	.12	42	3.05	.24	.39	2	1
FBC UN-1875	1	5	6	59	.1	14	6	281	2.01	9	2	ND	2	19	1	2	2	29	.33	.03	6	81	.34	167	.11	42	1.51	.16	.59	2	1
FBC UN-1876	1	248	2	98	1.3	42	13	513	3.46	14	6	ND	2	33	1	2	2	75	1.53	.06	11	48	1.40	110	.17	42	4.30	.45	1.53	2	8
FBC UN-1877	1	15	3	106	.1	30	10	567	3.09	14	2	ND	2	14	1	2	2	58	.30	.02	3	73	1.21	318	.18	46	2.65	.20	1.55	2	1
FBC UN-1878	1	4	7	46	.1	31	11	213	2.67	9	2	ND	2	10	1	2	2	54	.22	.03	7	87	.94	222	.16	47	1.88	.13	.72	2	1
FBC UN-1879	1	5	8	60	.1	5	2	363	2.31	8	3	ND	2	12	1	2	2	9	.44	.04	20	60	.43	159	.11	49	1.37	.07	.68	2	1
FBC UN-1880	1	3	6	52	.1	19	7	264	2.07	9	2	ND	2	7	1	2	2	23	.13	.03	5	72	.58	112	.10	57	1.30	.06	.59	2	1
FBC UN-1881	1	12	6	51	.1	4	1	356	1.94	7	2	ND	3	14	1	2	2	4	.41	.02	21	79	.33	170	.08	56	1.05	.08	.48	2	1
FBC UN-1882	1	3	3	51	.1	18	6	271	2.01	6	2	ND	2	10	1	2	2	30	.16	.03	6	76	.60	191	.11	45	1.39	.09	.67	2	1
FBC UN-1883	1	3	1	62	.1	33	8	543	2.97	12	2	ND	2	13	1	2	2	33	.46	.04	10	67	.80	396	.17	51	2.00	.11	1.21	2	1
FBC UN-1884	1	1	6	40	.2	4	1	419	1.48	8	2	ND	3	9	1	2	2	2	.35	.01	25	63	.86	54	.08	45	1.65	.15	.65	2	1
FBC UN-1885	1	8	3	60	.1	10	4	574	2.72	16	2	ND	3	26	1	2	2	12	1.26	.04	19	47	.97	238	.13	48	2.95	.17	.85	2	1
FBC UN-1886	1	2	5	41	.1	12	4	337	2.13	11	2	ND	2	32	1	2	2	24	.59	.03	11	63	.67	463	.11	45	2.47	.22	.83	2	1
FBC UN-1887	4	8	6	5	.2	4	1	15	.21	2	2	ND	3	3	1	2	2	2	.01	.01	24	119	.01	46	.01	42	.27	.03	.12	2	1
FBC UN-1888	1	3	11	83	.2	4	2	249	2.05	7	2	ND	2	10	1	3	2	4	.22	.03	22	74	.33	168	.09	53	1.21	.08	.58	2	1
FBC UN-1889	2	18	9	20	.2	4	1	163	1.49	7	2	ND	4	8	1	2	2	2	.18	.01	20	79	.38	104	.04	47	1.16	.08	.39	2	1
FBC UN-1890	4	3	9	2	.3	3	1	11	.20	2	3	ND	3	3	1	3	2	2	.01	.01	7	102	.01	33	.01	37	.27	.02	.14	2	2
FBC UN-1891	1	6	6	27	.1	7	5	421	2.39	6	2	ND	3	20	1	2	2	19	1.08	.03	20	78	.34	79	.07	50	2.26	.06	.22	2	1
FBC UN-1892	1	5	11	75	.1	13	16	343	3.90	12	2	ND	2	14	1	2	2	125	.34	.05	7	65	.65	267	.13	42	2.26	.17	.91	2	1
FBC UN-1893	1	4	4	7	.1	4	1	28	.38	3	2	ND	5	4	1	2	2	4	.02	.01	38	51	.04	51	.01	37	.36	.02	.17	2	1
FBC UN-1894	1	36	3	111	.1	13	13	408	3.85	15	2	ND	2	11	1	2	2	89	.67	.05	6	42	.90	219	.20	45	2.42	.17	1.16	2	1
FBC UN-1895	1	13	3	67	.3	12	9	215	3.40	13	2	ND	2	17	1	2	2	141	.31	.05	6	48	1.12	370	.15	42	2.55	.18	1.25	2	1
FBC UN-1896	1	3	8	61	.2	11	10	293	3.35	11	2	ND	2	15	1	2	2	135	.38	.05	8	50	.89	330	.17	43	2.45	.22	1.20	2	1
FBC UN-1897	1	5	1	86	.2	8	8	357	3.52	16	2	ND	2	17	1	2	2	141	.32	.05	8	39	.78	304	.24	50	2.42	.20	1.39	2	1
FBC UN-1898	1	8	4	54	.1	8	10	316	4.17	12	2	ND	2	23	1	2	2	117	.57	.05	14	51	.80	232	.14	43	2.39	.22	.94	2	1
FBC UN-1899	1	4	3	63	.3	15	16	438	3.24	15	2	ND	2	16	1	2	2	143	.38	.06	5	43	1.17	240	.19	45	2.77	.20	1.41	2	2
FBC UN-1900	1	2	6	81	.1	3	3	435	2.56	8	2	ND	3	8	1	2	2	13	.72	.04	22	57	.62	149	.13	49	1.58	.07	.53	2	1
STD A-17FA-AU	1	31	38	183	.3	35	11	981	2.79	11	2	ND	2	36	1	2	2	38	.60	.19	7	75	.70	270	.08	7	2.04	.02	.20	2	54

SAMPLE#	NO PPH	CU PPH	PB PPH	ZK PPH	AS PPH	NI PPH	CO PPH	FR PPH	FE %	AS PPH	U PPH	MU PPH	TH PPH	SR PPH	CO PPH	SB PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	AL %	KA %	L %	S PPH	ACT PPH
FBC UM-1901	1	5	9	54	.2	4	1	355	1.00	5	2	ND	3	23	1	2	2	2	1.07	.02	29	70	.40	77	.09	44	2.74	.33	.67	2	1
FBC UM-1902	1	46	5	49	.4	27	14	457	3.23	11	11	ND	2	61	1	2	2	39	2.89	.02	7	70	.80	117	.11	39	5.54	.53	.85	2	3
FBC UM-1903	1	18	3	57	.3	33	11	626	3.49	12	6	ND	2	42	1	2	2	52	2.28	.03	11	61	1.41	199	.18	32	4.15	.26	.90	2	4
FBC UM-1904	1	21	2	58	.1	30	11	524	3.89	10	2	ND	2	9	1	2	2	94	3.34	.07	7	53	1.41	364	.23	40	2.86	.70	1.60	2	1
FBC UM-1905	1	12	4	40	.1	18	7	300	2.36	8	2	ND	2	19	1	2	2	44	.56	.03	8	62	.97	168	.12	43	2.43	.30	.88	2	1
FBC UM-1906	1	29	4	73	.4	23	9	504	2.94	11	12	ND	2	98	1	2	2	45	2.84	.03	6	69	.82	187	.14	49	5.92	.70	1.06	2	1
FBC UM-1907	1	17	9	39	.2	17	7	218	1.90	3	2	ND	3	7	1	2	2	23	.31	.04	6	53	.69	72	.07	40	1.63	.08	.37	2	1
FBC UM-1908	1	23	4	85	.2	6	3	279	2.64	8	2	ND	2	32	1	7	2	10	1.44	.04	22	66	.65	226	.12	37	3.40	.39	.78	2	2
FBC UM-1909	1	47	4	40	.5	37	12	398	2.84	6	3	ND	2	6	1	2	2	60	.15	.03	4	71	1.03	117	.11	41	1.69	.14	1.00	2	8
FBC UM-1910	1	3	5	59	.1	6	3	198	2.08	3	2	ND	2	4	1	2	2	13	.08	.02	12	58	.20	149	.11	40	.97	.09	.62	2	1
FBC UM-1911	1	4	5	34	.1	9	2	433	2.77	2	2	ND	3	8	1	2	2	18	.49	.03	22	53	.31	131	.10	49	1.17	.10	.43	2	1
FBC UM-1912	1	12	8	30	.3	9	3	308	1.66	4	2	ND	2	13	1	2	2	21	.44	.03	7	51	.52	55	.10	47	1.83	.26	.75	2	2
FBC UM-1913	1	13	2	48	.2	45	8	282	2.49	5	2	ND	2	7	1	2	2	54	.31	.04	8	101	.71	166	.10	46	1.53	.11	.51	2	1
FBC UM-1914	1	7	2	56	.1	9	7	587	3.65	13	2	ND	2	6	1	2	2	141	.25	.06	5	41	.78	337	.29	43	2.32	.16	1.37	2	1
FBC UM-1915	1	4	17	69	.3	20	6	504	2.18	8	10	ND	2	110	1	2	2	37	2.53	.02	8	66	1.06	191	.15	42	5.63	.61	1.29	2	1
FBC UM-1916	1	21	4	61	.2	23	9	314	2.34	9	2	ND	2	21	1	2	2	48	.57	.03	6	65	.79	218	.14	37	2.43	.23	.90	2	2
FBC UM-1917	1	38	4	87	.2	28	9	488	2.92	10	2	ND	2	9	1	2	2	54	.26	.03	10	62	1.37	201	.18	39	2.46	.16	1.36	2	1
FBC UM-1918	1	10	9	61	.3	15	6	376	2.38	7	2	ND	2	38	1	2	2	30	1.03	.03	22	63	.91	273	.14	44	2.69	.34	.98	2	1
FBC UM-1919	1	11	3	68	.2	26	9	309	2.90	7	2	ND	2	67	1	2	2	54	1.16	.03	9	59	.78	298	.16	43	3.59	.47	1.04	2	1
FBC UM-1920	1	8	5	37	.1	9	3	317	1.67	5	2	ND	3	38	1	2	2	14	.88	.03	18	56	.61	102	.10	28	2.83	.49	.79	2	1
FBC UM-1921	1	19	5	43	.2	20	6	314	2.45	9	3	ND	2	69	1	2	2	35	1.88	.03	7	63	.92	142	.12	41	4.21	.34	.75	2	2
FBC UM-1922	1	42	5	53	.2	32	10	306	2.99	11	3	ND	2	62	1	2	2	49	1.66	.03	5	73	.94	173	.12	40	4.14	.36	.99	2	1
FBC UM-1923	1	11	4	44	.1	13	6	172	2.18	5	2	ND	2	6	1	2	2	30	.13	.03	4	76	.62	58	.04	34	1.29	.09	.18	2	1
FBC UM-1924	1	16	4	40	.2	25	9	375	2.47	11	2	ND	2	63	1	2	2	38	1.68	.03	6	70	.79	97	.08	34	3.79	.33	.37	2	2
FBC UM-1925	1	22	14	90	.3	20	6	409	2.74	12	2	ND	2	45	1	2	2	44	1.19	.04	4	71	1.11	151	.11	33	5.62	.38	.85	2	4
FBC UM-1926	2	3	8	14	.2	3	1	21	.21	2	3	ND	2	3	1	2	2	3	.07	.03	5	59	.04	43	.01	31	.41	.63	.20	2	1
FBC UM-1927	1	21	4	58	.2	22	9	358	2.33	5	2	ND	2	7	1	2	2	43	.49	.03	9	55	.89	175	.12	39	1.67	.11	.78	2	1
FBC UM-1928	1	11	3	81	.1	32	14	377	3.46	10	2	ND	2	7	1	2	2	49	.46	.03	7	35	.77	233	.18	36	2.09	.14	1.12	2	7
FBC UM-1929	1	26	6	44	.3	19	10	384	2.33	8	2	ND	2	39	1	2	2	28	.79	.03	6	46	.89	123	.13	31	3.21	.48	1.01	2	5
FBC UM-1930	3	49	18	70	2.0	36	18	470	3.58	10	7	ND	2	30	1	2	2	62	2.43	.06	9	82	1.32	137	.14	40	4.94	.21	1.01	2	13
FBC UM-1931	2	2	5	2	.3	4	1	31	.18	2	2	ND	2	3	1	2	2	3	.14	.03	4	48	.03	39	.02	45	.40	.63	.22	2	2
FBC UM-1932	1	3	5	31	.1	11	3	237	1.39	4	2	ND	2	9	1	2	2	22	.52	.03	5	66	.48	172	.08	48	1.13	.11	.49	2	1
FBC UM-1933	1	19	7	59	.2	19	7	303	2.79	2	3	ND	2	41	1	2	2	40	1.21	.04	7	73	.76	120	.09	39	3.42	.13	.55	2	1
FBC UM-1934	1	15	4	72	.2	21	8	298	2.46	9	2	ND	2	51	1	2	2	39	1.34	.03	7	72	.67	175	.13	45	3.48	.48	.83	2	1
FBC UM-1935	1	5	6	39	.1	24	8	238	2.30	9	2	ND	2	11	1	2	2	52	.20	.03	10	58	.89	243	.14	36	2.08	.14	1.06	2	1
FBC UM-1936	1	4	3	70	.1	4	2	405	2.19	4	2	ND	3	9	1	2	2	7	1.10	.04	22	56	.35	116	.10	39	1.25	.09	.63	2	1
FBC UM-1937	1	2	4	53	.1	4	2	366	2.14	7	2	ND	2	10	1	2	2	7	.74	.04	18	56	.34	122	.11	51	1.17	.09	.68	2	2
STD A-1/FA-MJ	1	31	38	178	.3	37	11	1003	2.71	5	2	ND	2	35	1	2	2	37	.61	.10	7	75	.69	272	.08	8	2.05	.02	.21	2	51

SAMPLE	NO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	S PPH	MO PPH	TH PPH	SR PPH	CO PPH	SS PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	WA %	K %	N PPH	O PPH
FBC UN-1938	1	11	3	46	.2	19	6	231	2.18	7	2	ND	2	29	1	2	2	40	1.08	.02	8	75	.67	161	.10	32	2.49	.07	.60	2	1
FBC UN-1939	1	27	1	43	.2	19	7	538	3.04	11	2	ND	2	14	1	2	2	49	.68	.04	11	62	.69	240	.18	33	2.26	.08	1.15	2	2
FBC UN-1940	1	3	4	62	.1	6	3	371	2.56	4	2	ND	3	7	1	2	2	9	1.03	.04	25	75	.33	81	.08	49	1.74	.04	.39	2	1
FBC UN-1941	1	41	9	65	.1	19	7	317	2.28	8	2	ND	2	10	1	2	2	38	.35	.02	13	58	.90	193	.12	41	1.72	.06	.87	2	4
FBC UN-1942	1	8	6	39	.1	20	4	334	1.32	4	2	ND	2	9	1	2	2	15	.33	.04	3	66	.26	55	.08	46	1.06	.02	.28	2	1
FBC UN-1943	1	3	2	47	.1	16	7	224	2.15	3	2	ND	2	7	1	2	2	32	.20	.03	8	58	.68	119	.07	42	1.20	.05	.43	2	1
FBC UN-1944	1	1	6	44	.1	28	8	230	2.85	8	2	ND	2	33	1	2	2	57	.80	.04	6	63	1.02	230	.14	31	3.11	.12	1.19	2	1
FBC UN-1945	1	7	5	44	.1	13	5	240	1.94	5	2	ND	2	9	1	2	2	31	.50	.03	5	66	.32	149	.08	45	1.36	.06	.44	2	1
FBC UN-1946	1	4	3	43	.1	8	2	303	1.91	4	2	ND	8	10	1	2	2	11	.75	.04	36	84	.27	127	.10	40	.87	.04	.50	2	1
FBC UN-1947	1	9	9	35	.2	12	2	232	1.09	5	4	ND	2	61	1	2	2	16	1.02	.02	5	62	.29	55	.07	41	3.72	.28	.37	2	1
FBC UN-1948	1	13	3	39	.1	26	10	263	2.36	9	2	ND	2	7	1	2	2	46	.40	.04	3	66	.58	56	.12	41	1.56	.04	.22	2	1
FBC UN-1949	1	4	3	9	.1	6	2	58	.37	2	2	ND	2	9	1	2	2	9	.06	.01	10	64	.11	36	.02	37	.43	.03	.10	2	1
FBC UN-1950	1	68	16	174	.2	29	11	717	3.30	11	2	ND	2	34	1	2	2	63	.95	.05	9	65	1.20	464	.15	35	3.25	.19	.97	2	2
FBC UN-1951	1	22	6	67	.2	25	10	210	2.96	10	2	ND	2	5	1	2	2	4	.13	.03	5	74	.85	148	.08	39	1.63	.04	.37	2	4
FBC UN-1952	1	7	6	100	.1	5	3	140	2.01	7	2	ND	2	3	1	2	2	6	.07	.03	11	56	.26	116	.10	38	1.09	.02	.66	2	1
FBC UN-1953	1	5	5	65	.1	5	2	333	2.40	7	2	ND	2	5	1	2	2	8	.22	.04	14	71	.30	136	.12	44	1.11	.04	.71	2	2
FBC UN-1954	1	11	4	47	.2	16	6	289	2.28	9	2	ND	2	41	1	2	2	35	.92	.02	7	54	.56	202	.12	35	2.92	.12	.80	2	1
FBC UN-1955	1	37	3	88	.1	19	8	256	3.16	10	2	ND	2	5	1	2	2	43	.10	.03	7	49	.57	219	.15	53	1.84	.04	.97	2	1
FBC UN-1956	1	12	6	48	.2	13	5	450	2.19	7	2	ND	2	20	1	2	2	29	.67	.03	8	52	.83	104	.13	41	2.36	.12	1.01	2	1
FBC UN-1957	1	31	5	43	.1	30	13	547	2.85	13	7	ND	2	44	1	2	2	39	2.11	.02	9	65	.71	120	.14	24	3.83	.09	.35	2	4
FBC UN-1958	1	18	4	42	.1	19	13	194	2.66	8	2	ND	2	16	1	2	2	41	.41	.02	6	79	.48	144	.09	32	1.67	.07	.49	2	2
FBC UN-1959	1	9	3	37	.1	11	6	221	1.87	5	2	ND	2	13	1	2	2	23	.30	.06	9	57	.60	117	.10	34	1.31	.03	.67	2	1
FBC UN-1960	1	6	6	25	.1	13	6	79	1.24	2	4	ND	2	12	1	2	2	7	.03	.02	8	56	.27	50	.01	29	.35	.03	.13	2	1
FBC UN-1961	1	12	6	39	.1	8	2	332	1.41	7	2	ND	2	30	1	2	2	8	1.36	.01	16	82	.32	69	.07	29	2.39	.05	.36	2	1
FBC UN-1962	1	9	4	34	.1	21	7	203	2.52	5	2	ND	2	12	1	2	2	44	.26	.03	6	68	.68	164	.11	31	1.74	.06	.59	2	1
FBC UN-1963	1	31	4	33	.2	26	9	342	2.82	15	2	ND	2	81	1	2	2	57	1.52	.03	10	60	1.52	380	.14	31	4.66	.21	1.39	2	2
FBC UN-1964	1	13	4	28	.1	13	4	285	1.87	3	2	ND	2	10	1	2	2	27	.46	.03	7	62	.94	97	.06	25	1.56	.03	.44	2	1
FBC UN-1965	1	27	13	83	.2	26	6	399	2.46	12	7	ND	2	67	1	2	2	46	2.23	.06	9	113	.74	215	.17	32	4.67	.12	1.02	2	1
FBC UN-1966	1	15	3	67	.1	19	8	267	2.92	10	2	ND	2	8	1	2	2	30	.22	.04	7	57	.60	382	.13	26	1.96	.06	1.02	2	4
FBC UN-1967	1	9	3	43	.1	17	7	282	2.39	4	2	ND	2	6	1	2	2	30	.17	.03	7	59	.59	170	.10	26	1.56	.04	.57	2	1
FBC UN-1968	1	43	2	63	.1	41	10	395	3.03	9	2	ND	2	5	1	2	2	61	.37	.05	15	70	1.16	255	.15	34	1.91	.04	.95	2	1
FBC UN-1969	1	20	3	47	.1	23	7	394	2.68	14	2	ND	2	31	1	2	2	47	.92	.03	7	45	.81	227	.18	36	2.90	.14	1.04	2	1
FBC UN-1970	1	11	3	34	.1	13	6	179	2.24	7	3	ND	2	4	1	2	2	31	.11	.02	7	58	.57	87	.07	24	1.26	.04	.43	2	1
FBC UN-1971	1	8	6	46	.1	18	5	330	1.77	8	2	ND	2	36	1	2	2	28	1.37	.03	4	88	.67	89	.06	30	2.47	.03	.24	2	2
FBC UN-1972	1	7	4	31	.2	5	2	260	1.87	4	2	ND	2	6	1	2	2	5	.23	.03	13	76	.23	81	.08	38	.91	.04	.38	2	1
FBC UN-1973	1	43	20	82	.4	9	4	254	2.20	7	2	ND	2	7	1	2	2	14	.24	.03	12	70	.41	134	.11	34	1.12	.03	.35	2	1
FBC UN-1974	1	17	8	59	.2	9	1	524	2.39	11	3	ND	2	18	1	2	2	21	1.39	.04	18	60	1.57	271	.14	30	4.20	.17	1.19	2	3
STD A-1/FA-AD	1	31	39	179	.3	37	11	1012	2.73	16	2	ND	2	36	1	2	2	57	.59	.10	7	76	.33	222	.08	8	2.03	.02	.21	2	31

SAMPLE	NO PPH	CU PPH	PD PPH	ZH PPH	MO PPH	NI PPH	CO PPH	PN PPH	FE %	AS PPH	U PPH	MO PPH	TH PPH	SR PPH	CS PPH	SB PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	SI %	R %	B PPH	AL %
FBC UM-1975	1	15	3	33	.2	10	5	219	1.61	7	2	ND	2	32	1	2	2	24	.70	.04	8	52	.29	211	.08	25	1.84	.09	.58	2	2
FBC UM-1976	1	16	28	69	1.0	11	10	625	3.23	20	14	ND	2	82	1	2	4	34	3.68	.08	11	46	.89	435	.15	28	3.74	.43	1.15	2	1
FBC UM-1977	1	10	4	57	.2	16	8	296	2.27	9	2	ND	2	9	1	2	2	35	.41	.03	7	51	.49	176	.10	29	1.53	.07	.65	2	3
FBC UM-1978	1	2	2	37	.1	12	5	90	1.56	2	3	ND	2	9	1	4	2	26	.08	.02	11	43	.40	90	.06	29	1.04	.05	.35	2	1
FBC UM-1979	1	20	2	47	.1	14	7	218	2.06	8	2	ND	2	11	1	2	2	31	.38	.02	7	50	.59	189	.09	23	1.65	.08	.64	2	1
FBC UM-1980	1	18	4	53	.1	16	6	313	2.42	11	2	ND	2	16	1	2	2	35	.33	.03	12	46	.78	227	.12	30	2.23	.12	.97	2	1
FBC UM-1981	1	7	2	47	.1	13	6	265	2.03	7	2	ND	2	7	1	2	2	30	.26	.03	7	51	.66	155	.09	28	1.55	.07	.64	2	1
FBC UM-1982	1	38	4	48	.1	32	10	373	2.89	13	2	ND	2	10	1	2	2	53	.95	.09	10	70	1.02	116	.11	42	1.68	.09	.55	2	1
FBC UM-1983	1	44	11	138	.4	17	7	215	2.30	10	2	ND	2	11	1	4	2	41	.32	.03	7	57	.92	310	.09	36	1.95	.08	.87	2	2
FBC UM-1984	1	44	2	150	.2	19	7	363	2.14	10	3	ND	2	4	1	2	2	34	.09	.03	9	67	.64	225	.09	29	1.38	.05	.62	2	1
FBC UM-1985	1	35	5	88	.1	21	8	314	2.58	9	2	ND	2	13	1	2	2	37	.42	.03	7	65	.88	255	.12	35	2.15	.04	.79	2	3
FBC UM-1986	1	26	3	60	.2	14	7	362	2.30	11	2	ND	2	53	1	2	2	35	1.67	.04	10	53	.60	175	.09	36	3.44	.10	.66	2	1
FBC UM-1987	1	19	3	10	.1	18	15	140	3.43	10	4	ND	2	8	1	2	2	40	.11	.04	7	56	.82	319	.13	29	2.16	.05	1.29	2	1
FBC UM-1988	1	14	1	47	.1	13	6	167	2.35	8	2	ND	2	9	1	2	2	34	.06	.01	5	52	.43	142	.12	37	1.40	.05	.79	2	1
FBC UM-1989	1	2	3	51	.2	17	7	348	2.12	9	2	ND	2	26	1	2	2	26	1.52	.03	7	59	.59	125	.10	32	2.03	.04	.38	2	1
FBC UM-1990	1	65	3	69	.2	21	10	401	3.12	9	2	ND	2	22	1	2	3	28	1.24	.03	3	55	.86	169	.08	42	2.79	.10	.87	2	2
FBC UM-1991	1	2	3	61	.1	19	9	296	2.54	10	2	ND	2	9	1	2	2	38	.27	.03	8	46	.83	272	.13	43	2.00	.08	1.13	2	1
FBC UM-1992	1	1	4	88	.1	23	15	352	3.35	11	2	ND	2	8	1	2	2	29	.83	.03	8	44	1.10	163	.11	27	2.05	.08	1.00	2	1
FBC UM-1993	1	2	3	52	.3	26	7	563	2.44	10	15	ND	2	94	1	2	2	48	3.31	.08	26	63	1.33	418	.12	26	4.87	.41	1.03	2	1
FBC UM-1994	1	1	2	56	.1	15	7	251	2.20	8	3	ND	2	6	1	2	2	35	.23	.03	7	45	.76	208	.12	38	1.69	.06	.99	2	1
FBC UM-1995	1	21	2	33	.1	33	8	244	1.90	10	2	ND	2	17	1	2	2	41	1.03	.06	10	49	.90	35	.08	22	1.46	.10	.17	2	1
FBC UM-1996	1	80	3	66	1.1	64	15	464	3.46	20	2	ND	7	19	1	2	2	78	1.91	.06	12	67	1.90	464	.29	29	3.42	.20	1.74	2	1
FBC UM-1997	1	5	2	37	.1	6	1	260	2.02	6	2	ND	3	6	1	2	2	4	.58	.01	22	65	.18	86	.05	32	.94	.04	.36	2	1
FBC UM-1998	1	14	3	46	.1	13	7	218	2.35	10	3	ND	2	4	1	2	2	36	.16	.04	11	44	.52	144	.13	37	1.46	.04	.81	2	1
FBC UM-1999	1	4	4	51	.2	14	7	209	2.53	13	4	ND	2	77	1	2	2	38	1.57	.04	9	57	.76	333	.11	28	3.97	.30	.94	2	1
FBC UM-2000	1	5	2	41	.2	20	7	228	2.52	16	2	ND	2	41	1	2	2	38	.86	.03	9	62	.76	242	.11	33	3.07	.14	1.11	2	1
FBC UM-2001	1	9	4	16	.1	19	7	189	2.22	10	3	ND	2	7	1	2	2	36	.12	.04	6	58	.60	136	.10	29	1.55	.05	.82	2	1
FBC UM-2002	1	13	2	46	.2	18	7	229	2.13	8	2	ND	2	9	1	2	2	31	.27	.03	8	52	.63	146	.09	29	1.48	.05	.62	2	1
FBC UM-2003	1	2	3	36	.2	17	3	438	1.70	11	2	ND	3	20	1	2	2	24	1.28	.01	20	57	.76	50	.09	30	2.87	.14	.89	2	1
FBC UM-2004	1	35	3	20	.1	22	5	119	1.15	6	2	ND	2	8	1	4	2	32	.47	.06	11	42	.54	72	.07	36	.47	.06	.12	2	2
FBC UM-2005	1	12	3	41	.1	16	6	286	1.72	6	2	ND	2	7	1	2	2	22	.65	.03	10	59	.59	100	.06	33	1.23	.04	.48	2	1
FBC UM-2006	1	2	5	6	.1	11	3	120	1.75	7	3	ND	2	6	1	3	2	28	.12	.04	10	47	.36	97	.08	33	1.07	.04	.54	2	1
FBC UM-2007	1	20	4	80	.3	29	6	529	2.99	18	9	ND	2	39	1	2	3	43	2.00	.03	17	72	.69	177	.17	35	4.25	.20	1.41	2	2
FBC UM-2008	1	9	4	49	.1	9	1	266	1.22	3	2	ND	4	6	1	3	2	6	.27	.01	23	68	.79	81	.04	41	.85	.04	.57	2	1
FBC UM-2009	1	9	3	74	.4	27	6	702	2.96	11	13	ND	2	41	1	2	3	55	2.45	.05	12	49	1.06	315	.12	43	4.26	.35	.83	2	1
FBC UM-2010	1	12	2	59	.3	21	8	375	2.61	14	2	ND	2	30	1	2	2	41	.88	.03	8	57	1.04	266	.13	43	2.96	.17	1.31	2	1
STD A-1/FA-AU	1	31	39	181	.3	36	11	971	2.75	11	2	ND	2	33	1	2	2	36	.59	.10	7	76	.67	274	.09	8	2.51	.01	.21	2	33

SAMPLE#	NO PPH	CU PPH	PN PPH	ZN PPH	AS PPH	NI PPH	CO PPH	FE PPH	AS PPH	S PPH	AU PPH	TH PPH	SR PPH	CO PPH	SO PPH	BT PPH	V PPH	CA PPH	P PPH	LA PPH	CR PPH	MO PPH	BA PPH	TI PPH	B PPH	AL PPH	MA PPH	R PPH	S PPH	MUT PPH	
FBC UM-2011	1	18	3	50	.2	20	8	253	2.37	8	3	ND	2	13	1	2	2	39	.43	.04	10	32	.78	194	.11	26	1.98	.09	.80	2	1
FBC UM-2012	1	2	3	43	.1	19	8	347	2.20	8	2	ND	2	16	1	2	2	32	.62	.03	4	53	.79	159	.11	30	2.13	.68	.52	2	1
FBC UM-2013	1	37	1	16	.3	20	4	85	.84	4	2	ND	2	3	1	2	2	27	.44	.10	8	51	.51	29	.06	42	.56	.97	.05	2	4
FBC UM-2014	2	4	20	51	.1	5	1	229	1.47	7	3	ND	3	3	1	2	2	3	.21	.01	10	64	.16	51	.08	35	.89	.84	.40	2	1
FBC UM-2015	1	8	4	43	.3	27	6	164	1.79	9	14	ND	2	98	1	2	3	60	3.93	.05	14	70	1.07	195	.09	30	7.13	.35	.76	2	1
FBC UM-2016	1	1	6	13	.1	4	1	31	.59	2	3	ND	4	4	1	2	2	2	.09	.01	8	61	.05	61	.01	34	.41	.06	.17	2	1
FBC UM-2017	1	40	4	41	.2	7	1	158	1.06	1	3	ND	3	4	1	2	2	7	.89	.01	19	66	.75	80	.03	41	.72	.85	.48	2	1
FBC UM-2018	1	32	3	54	.3	20	5	552	2.13	8	3	ND	3	8	1	2	2	19	1.26	.02	18	64	.79	121	.08	40	1.42	.04	.89	2	1
FBC UM-2019	1	105	10	32	.8	20	5	639	2.41	13	13	ND	2	57	1	2	2	49	2.34	.03	15	70	1.12	159	.13	29	3.02	.29	1.43	2	6
FBC UM-2020	1	5	8	55	.2	8	1	366	1.61	3	2	ND	3	10	1	2	2	3	.64	.01	23	68	.97	84	.04	35	.58	.04	.28	2	1
FBC UM-2021	1	5	5	37	.2	7	1	118	1.14	2	2	ND	4	4	1	2	2	2	.13	.01	24	62	.13	64	.02	38	.51	.07	.23	2	1
FBC UM-2022	1	2	7	40	.1	4	1	317	.98	6	2	ND	4	13	1	2	2	2	.76	.01	36	51	.63	53	.02	36	2.47	.13	.73	2	2
FBC UM-2023	1	5	7	34	.1	4	1	323	1.52	2	2	ND	3	5	1	2	2	2	.30	.01	28	69	.69	87	.04	37	.59	.04	.34	2	1
FBC UM-2024	1	1	4	11	.1	2	1	36	.28	2	3	ND	3	1	1	3	2	2	.01	.01	5	59	.04	43	.01	32	.31	.02	.20	2	1
FBC UM-2025	2	1	10	63	.2	4	1	497	1.27	6	2	ND	4	13	1	2	2	2	.69	.01	26	58	.71	271	.03	37	2.15	.11	.88	2	2
FBC UM-2026	7	1	5	25	.3	9	2	263	.80	2	2	ND	4	9	1	2	2	3	.60	.01	16	59	.47	29	.02	35	1.56	.08	.34	2	2
FBC UM-2027	1	4	8	42	.1	3	1	315	1.31	3	2	ND	3	8	1	2	2	2	.22	.01	18	64	.04	81	.03	32	.47	.84	.29	2	1
FBC UM-2028	1	10	7	77	.2	29	7	371	2.21	8	2	ND	4	3	1	2	2	37	.33	.02	27	66	.85	162	.11	38	1.61	.04	.98	2	1
FBC UM-2029	1	1	8	32	.2	5	1	305	1.09	.5	2	ND	4	17	1	2	2	2	.82	.01	19	42	.52	37	.02	44	2.44	.18	.74	2	1
FBC UM-2030	1	1	4	43	.1	4	1	172	1.15	2	4	ND	3	2	1	2	2	2	.63	.01	9	71	.13	68	.02	47	.42	.07	.21	2	1
FBC UM-2031	1	60	1	69	.2	58	14	468	3.39	20	2	ND	2	4	1	2	2	76	.22	.06	12	70	1.62	666	.22	33	2.24	.05	1.67	2	1
FBC UM-2032	1	49	10	24	.3	19	3	443	1.27	3	16	ND	2	34	1	2	2	23	3.67	.02	12	59	.91	64	.03	31	3.61	.11	.35	2	2
FBC UM-2033	1	3	4	30	.1	7	1	222	1.09	2	2	ND	4	4	1	2	2	3	.24	.01	17	70	.16	41	.01	28	.61	.04	.10	2	1
FBC UM-2034	1	1	7	38	.1	4	1	188	1.13	4	2	ND	3	2	1	2	2	2	.02	.01	5	49	.11	79	.04	43	.56	.04	.45	2	1
FBC UM-2035	1	1	5	42	.2	4	1	217	.79	2	3	ND	4	4	1	2	2	2	.29	.01	22	72	.08	56	.01	35	.42	.04	.19	2	1
FBC UM-2036	1	2	6	33	.2	4	1	308	1.16	4	2	ND	5	3	1	2	2	2	.47	.01	29	59	.26	95	.02	34	.99	.07	.31	2	2
FBC UM-2037	1	5	4	33	.3	9	2	270	1.06	2	2	ND	4	3	1	2	2	7	.24	.01	25	34	.52	59	.04	39	1.00	.05	.48	2	1
FBC UM-2038	1	1	5	50	.3	11	8	359	2.82	15	5	ND	2	46	1	2	2	69	1.60	.06	13	34	.95	363	.17	28	3.90	.14	1.39	2	1
FBC UM-2039	1	42	7	52	.4	32	9	273	2.81	11	3	ND	2	34	1	2	2	40	1.30	.06	9	82	1.57	160	.13	30	4.63	.28	1.62	2	5
FBC UM-2040	1	2	5	26	.1	4	1	117	1.06	3	4	ND	3	4	1	2	2	2	.06	.01	8	55	.10	68	.03	32	.47	.05	.28	2	1
FBC UM-2041	1	1	3	33	.1	4	1	102	.87	2	3	ND	4	3	1	2	2	2	.06	.01	10	63	.07	64	.02	35	.34	.05	.17	2	1
FBC UM-2042	1	1	6	40	.2	4	1	186	.72	2	2	ND	5	3	1	3	2	2	.16	.01	18	50	.14	73	.01	42	.54	.03	.31	2	1
FBC UM-2043	1	6	7	48	.2	24	6	499	2.02	8	3	ND	3	7	1	2	2	27	1.26	.02	19	56	.94	107	.08	30	1.73	.05	.99	2	1
FBC UM-2044	3	3	7	90	.3	4	1	313	1.11	2	7	ND	6	3	1	2	2	2	.10	.01	19	50	.61	49	.01	37	1.23	.03	.47	2	1
FBC UM-2045	1	1	5	21	.1	4	1	58	.86	2	3	ND	2	2	1	2	2	2	.03	.01	4	78	.04	52	.01	29	.27	.05	.13	2	1
FBC UM-2046	1	2	3	38	.2	10	1	108	.80	2	4	ND	4	1	1	2	2	2	.03	.01	13	65	.09	42	.02	31	.37	.04	.24	2	1
FBC UM-2047	1	1	4	29	.1	3	1	188	.62	2	2	ND	4	1	1	2	2	2	.02	.01	22	49	.10	42	.01	32	.38	.83	.27	2	1
STD A-1/FA-RU	1	31	40	184	.3	39	11	1013	2.77	12	2	ND	2	35	1	2	2	39	.62	.11	7	75	.72	285	.08	9	2.12	.02	.20	2	53

SAMPLE#	PD PPH	CU PPH	PD PPH	ZK PPH	AO PPH	NI PPH	CS PPH	NR PPH	FE %	AS PPH	V PPH	MU PPH	TH PPH	SR PPH	CA PPH	SI PPH	Y PPH	CA %	P %	LA PPH	CR PPH	NO %	BA PPH	TI %	B PPH	ML %	MA %	K %	B PPH	MU11 PPH	
FBC UM-2048	1	3	3	34	.2	4	1	327	.79	3	3	ND	3	3	1	2	2	.12	.01	12	81	.13	36	.02	39	.47	.04	.27	2	1	
FBC UM-2049	3	2	6	29	.1	6	1	256	.91	2	2	ND	4	19	1	3	2	1.25	.01	16	79	.33	41	.01	29	2.19	.05	.49	2	1	
FBC UM-2050	2	2	1	20	.1	4	1	47	.49	2	4	ND	3	3	1	2	2	.04	.01	3	39	.04	33	.01	30	.30	.05	.13	2	1	
FBC UM-2051	1	1	4	35	.1	3	1	23	1.07	4	3	ND	3	3	1	2	2	.01	.01	8	37	.10	37	.03	43	.48	.03	.34	2	1	
FBC UM-2052	1	14	2	42	.1	47	9	186	2.14	6	2	ND	2	6	1	3	2	.45	.87	.08	9	76	1.14	261	.13	31	1.49	.10	.63	2	1
FBC UM-2053	1	23	9	73	.1	26	9	566	3.02	13	2	ND	2	31	1	2	2	68	1.16	.05	31	66	1.39	508	.1	29	4.78	.19	2.08	2	5
FBC UM-2054	2	7	3	53	.3	13	3	419	1.81	8	2	ND	4	7	1	2	2	17	.56	.02	21	76	.65	162	.07	41	1.37	.05	.85	2	1
FBC UM-2055	1	3	3	36	.1	6	1	332	1.04	2	2	ND	5	6	1	2	2	.47	.01	29	73	.47	64	.02	44	.86	.05	.45	2	0	
FBC UM-2056	1	2	7	25	.1	4	1	283	.70	2	2	ND	3	4	1	2	2	.04	.01	3	49	.04	75	.01	49	.34	.05	.20	2	1	
FBC UM-2057	1	2	8	42	.1	3	1	205	.91	2	8	ND	3	4	1	2	2	.04	.01	14	33	.07	92	.03	40	.46	.03	.33	2	1	
FBC UM-2058	1	35	7	28	.1	31	9	238	1.39	3	4	ND	2	67	1	2	2	41	1.72	.06	8	43	.86	27	.04	30	2.47	.20	.04	2	1
FBC UM-2059	1	16	8	64	.1	29	6	361	1.95	4	3	ND	3	18	1	2	2	34	1.18	.02	19	68	.77	95	.06	32	2.43	.11	.66	2	1
FBC UM-2060	1	89	2	26	.1	40	8	132	1.62	9	2	ND	2	6	1	2	2	43	.63	.08	10	72	.89	142	.11	29	1.21	.10	.41	2	1
FBC UM-2061	1	9	13	13	.2	20	2	216	.87	4	2	ND	4	28	1	2	2	4	1.04	.01	18	48	.65	69	.02	32	2.37	.17	.62	2	1
FBC UM-2062	1	7	12	83	.6	19	7	378	2.03	10	2	ND	2	8	1	2	2	41	.87	.04	20	58	.88	158	.14	42	2.19	.08	1.13	2	1
FBC UM-2063	1	43	8	86	.6	11	3	397	2.42	11	2	ND	2	18	1	2	2	24	.89	.03	13	55	.75	143	.19	32	2.39	.08	1.31	2	2
FBC UM-2064	1	25	2	22	.1	24	6	153	1.39	4	2	ND	2	6	1	2	2	34	.82	.09	8	41	.65	18	.06	38	.80	.08	.02	2	7
FBC UM-2065	1	20	1	13	.1	21	4	73	.77	5	2	ND	2	4	1	2	2	38	.40	.09	9	58	.44	39	.08	35	.60	.00	.19	2	1
FBC UM-2066	1	22	3	31	.1	40	8	226	2.05	9	2	ND	2	9	1	2	2	43	.99	.09	10	68	1.03	108	.09	29	1.57	.13	.35	2	1
FBC UM-2067	1	24	9	43	.2	49	9	233	2.34	9	2	ND	2	8	1	2	2	47	.66	.07	9	67	1.24	231	.14	30	1.80	.11	.90	2	2
FBC UM-2068	1	9	3	29	.2	34	7	258	1.85	6	2	ND	2	13	1	2	2	40	1.03	.07	7	34	.92	136	.08	29	1.33	.13	.30	2	2
FBC UM-2069	1	32	6	58	.1	58	12	273	2.66	11	2	ND	2	8	1	2	2	58	.44	.07	7	74	1.84	554	.17	28	2.16	.10	1.31	2	3
FBC UM-2070	1	11	3	22	.1	25	3	238	1.37	3	2	ND	2	3	1	2	2	39	.92	.06	4	50	.74	32	.07	29	1.01	.11	.08	2	1
FBC UM-2071	1	11	3	27	.1	40	7	172	1.98	7	2	ND	2	6	1	2	2	45	.80	.10	3	83	.91	134	.11	31	1.20	.10	.34	2	1
FBC UM-2072	1	79	3	44	.4	47	10	420	2.30	6	6	ND	2	15	1	2	2	34	1.74	.12	12	81	1.19	104	.11	27	2.20	.14	.48	2	3
FBC UM-2073	1	38	1	19	.1	31	6	156	1.29	3	2	ND	2	10	1	2	2	31	.81	.10	13	62	.76	31	.07	30	.87	.08	.04	2	1
FBC UM-2074	1	11	3	24	.1	49	8	160	1.79	6	2	ND	2	6	1	2	2	33	.83	.10	10	88	1.11	103	.10	33	1.33	.08	.22	2	11
FBC UM-2075	2	18	6	62	.2	121	16	388	4.00	9	2	ND	2	14	1	2	2	138	.34	.09	12	195	2.23	469	.20	27	4.48	.14	2.14	2	2
FBC UM-2076	1	8	3	23	.1	37	7	210	1.65	2	2	ND	2	8	1	2	2	40	1.09	.11	11	67	.91	24	.04	31	1.01	.08	.04	2	9
FBC UM-2077	1	89	3	46	.1	31	9	290	2.32	6	3	ND	2	14	1	2	2	42	1.49	.09	10	80	1.21	20	.08	32	1.72	.09	.02	2	9
FBC UM-2078	1	14	7	37	.1	34	9	319	2.47	6	3	ND	2	14	1	2	2	53	1.42	.13	10	91	1.15	34	.07	26	1.62	.69	.09	2	2
FBC UM-2079	1	12	6	34	.1	4	1	191	1.61	4	2	ND	3	2	1	3	2	3	.05	.01	19	49	.44	79	.07	36	1.11	.04	.65	2	16
FBC UM-2080	1	9	9	31	.1	3	1	440	1.41	3	2	ND	3	27	1	2	2	2	1.04	.01	21	60	.86	89	.06	32	3.26	.23	1.09	2	8
FBC UM-2081	1	3	13	39	.1	3	1	383	1.64	3	2	ND	3	24	1	2	2	2	.94	.01	26	30	.89	63	.04	29	2.40	.13	.61	2	18
FBC UM-2082	1	2	6	70	.1	18	4	469	2.10	9	2	ND	3	3	1	2	2	21	.22	.02	17	75	1.08	106	.09	33	1.58	.04	.88	2	8
FBC UM-2083	1	2	10	40	.2	3	1	171	1.34	2	2	ND	8	4	1	2	2	2	.20	.01	13	39	.18	70	.02	45	.60	.04	.41	2	11
FBC UM-2084	1	1	2	33	.1	3	1	121	1.12	2	2	ND	4	2	1	2	2	2	.01	.01	11	68	.10	48	.03	45	.34	.04	.22	2	9
STE A-177A-AU	1	31	40	178	.3	37	10	1006	2.72	10	2	ND	2	33	1	2	2	37	.39	.10	7	77	.69	274	.08	9	2.05	.02	.20	2	32

UMEX FILE # B4-0402A

SAMPLE#	NO PPH	CU PPH	PD PPH	ZN PPH	AS PPH	NI PPH	CO PPH	FE PPH	AG %	U PPH	MU PPH	TH PPH	SR PPH	CD PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	S PPH	AL %	DA %	R %	B PPH	AC11 PPH		
FBC UM-2085	1	2	4	10	.2	3	1	265	.72	2	2	RD	3	4	1	2	2	.69	.01	31	68	.03	66	.01	31	.23	.03	.13	2	32	
FBC UM-2086	1	3	4	49	.3	3	1	176	1.31	2	2	RD	4	3	1	2	3	.05	.01	13	35	.13	70	.03	34	.43	.03	.30	3	129	
FBC UM-2087	1	19	2	20	.1	25	5	194	1.38	3	2	RD	2	6	1	3	2	.29	.63	.06	7	37	.61	153	.04	28	.89	.09	.24	2	2
FBC UM-2088	1	11	1	15	.1	17	4	148	1.09	3	2	RD	2	6	1	2	2	.26	.66	.06	7	29	.41	19	.05	27	.70	.08	.04	2	1
FBC UM-2089	1	17	4	25	.1	30	6	154	1.59	4	2	RD	2	8	1	2	2	.30	.60	.06	7	39	.80	164	.08	35	1.14	.09	.39	2	1
FBC UM-2092	1	13	3	60	.1	62	11	194	3.13	10	2	RD	2	3	2	2	.91	.13	.06	9	78	1.74	177	.13	29	2.95	.05	1.33	2	2	
FBC UM-2111	1	8	1	10	.1	13	3	84	.76	3	2	RD	2	4	1	2	2	.21	.48	.03	9	26	.34	17	.04	27	.48	.07	.04	2	1
STD A-1 FA-AU	1	31	39	179	.3	36	10	1014	2.74	11	2	RD	2	33	1	2	2	.57	.60	.10	7	73	.69	270	.08	11	2.02	.02	.21	2	53

PATRICIA MINING DIV.
RECEIVED
 JUL 16 1984
 1984

UMEX FILE # B4-0402A

SAMPLE#	W	CU	PS	ZR	MO	NI	CO	PK	FE	AS	U	NO	TH	BR	CD	BY	BI	V	CR	P	LA	CR	TR	SA	TI	S	IL	BA	R	S	ACTS	
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
FBC UM-2085	1	2	4	10	.2	3	1	265	.72	2	2	RD	5	6	1	2	2	2	.69	.01	31	60	.03	66	.01	31	.23	.03	.13	2	32	
FBC UM-2086	1	3	4	49	.3	1	176	1.31	2	2	RD	4	3	1	2	3	4	.05	.01	13	55	.13	70	.03	36	.43	.05	.30	3	120		
FBC UM-2087	1	19	2	20	.1	29	5	194	1.58	3	2	RD	2	6	1	3	2	29	.63	.06	7	37	.61	153	.04	28	.87	.07	.24	2	2	
FBC UM-2089	1	11	1	13	.1	17	4	148	1.09	3	2	RD	2	6	1	2	2	26	.64	.04	7	29	.41	19	.05	27	.70	.08	.04	2	1	
FBC UM-2089	1	17	4	25	.1	30	6	154	1.59	1	2	RD	2	8	1	2	2	30	.60	.04	7	39	.80	164	.08	35	1.14	.07	.39	2	1	
FBC UM-2090	1	13	5	60	.1	62	11	194	3.13	10	2	RD	2	3	1	2	2	91	.13	.06	5	70	1.74	17	.13	29	2.93	.03	1.33	2	2	
FBC UM-2091	1	8	1	10	.1	13	3	84	.76	3	2	RD	2	4	1	2	2	21	.48	.05	5	26	.34	17	.04	27	.48	.07	.04	2	1	
STD A-7FA-AU	1	31	39	179	.3	36	10	1014	2.74	11	2	RD	2	33	1	2	2	57	.60	.10	7	73	.69	270	.08	11	2.02	.02	.21	2	33	

PATRICIA MINING DIV.
RECEIVED
 JUL 16 1984
 11:54 AM

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 84-0402B

Date: APR 2 1984

UMEX INC.
1935 LESLIE ST
DON MILLS ONTARIO
M3B 2M3

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
7	ICP ANALYSIS @	6.00	582.00
97	GEOCHEM AU BY FA+AA @	5.50	533.50
			1115.50
			+1,502.50
			5,624.00
		-	562.40
			5,061.60

file 84-0402B

OK for FF

APR 6 1984

PLEASE PAY LAST AMOUNT →

BIOCHEMICAL ICP ANALYSIS

A .500 GRAM OF SAMPLE DIGESTED WITH 3ML OF 3-1-3 OF HCL-HNO3-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR.
DILUTED TO 10 ML WITH WATER, PARTIAL LEACHED FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, V, NI, BR, CE, SM, Y, ZR AND TA
AU DETECTION LIMIT 5 PPM SAMPLE TYPE: PULP

DATE RECEIVED: MAR 21 1984

DATE REPORT MAILED: Apr 2/84

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

UMEX FILE # B4-0402B

PAGE 1

SAMPLE#	NO PPH	CU PPH	PD PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	BR PPH	CD PPH	SD PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	NA %	K %	V PPH	NI PPH
1-001	1	11	4	55	.1	13	7	403	2.46	8	2	ND	2	12	1	2	2	32	.32	.04	17	70	.66	159	.14	2	1.57	.07	1.11	2	1
2-002	1	10	2	45	.1	12	6	370	2.36	6	2	ND	2	11	1	2	2	33	.33	.05	16	67	.66	179	.13	2	1.45	.06	1.01	2	1
3-003	1	18	2	43	.1	11	6	342	2.25	10	2	ND	2	9	1	2	2	31	.32	.05	17	52	.80	121	.13	5	1.29	.06	.92	2	1
4-004	1	12	3	46	.1	11	6	379	2.27	9	2	ND	3	10	1	2	2	28	.39	.04	16	62	.61	135	.12	3	1.45	.05	.90	2	1
5-005	1	7	1	54	.1	10	7	354	1.90	9	2	ND	3	9	1	2	2	19	.44	.04	16	51	.59	63	.11	3	1.45	.04	.90	2	1
6-006	1	15	2	44	.1	11	6	346	2.26	10	2	ND	3	10	1	2	2	30	.32	.04	17	49	.62	146	.13	6	1.35	.04	1.00	2	1
7-007	1	10	2	51	.1	12	6	360	2.47	9	2	ND	3	9	1	2	2	32	.26	.05	16	51	.67	231	.14	2	1.53	.04	1.07	2	1
8-008	1	27	2	82	.1	11	7	416	2.47	4	2	ND	3	11	1	2	2	29	.26	.04	13	63	.63	157	.13	5	1.51	.05	1.06	20	1
9-009	1	41	6	165	.1	12	8	507	2.80	10	2	ND	3	6	1	2	2	34	.21	.04	16	53	.78	113	.16	2	1.77	.05	1.28	2	2
10-011	1	11	2	48	.1	12	7	356	2.42	11	2	ND	3	9	1	2	2	31	.29	.05	17	64	.65	162	.13	4	1.49	.05	1.04	2	1
11-012	1	7	2	46	.1	12	7	371	2.69	7	2	ND	3	9	1	2	2	36	.29	.05	16	48	.72	207	.14	4	1.58	.04	.96	2	1
12-014	1	12	1	48	.1	12	6	339	2.26	8	2	ND	2	10	1	2	2	32	.32	.04	7	57	.84	150	.13	3	1.39	.05	.90	2	1
13-015	1	11	2	60	.1	12	7	365	2.29	7	2	ND	3	14	1	2	2	29	.38	.04	17	55	.65	135	.13	5	1.40	.04	.67	2	1
14-016	1	41	2	48	.1	12	6	362	2.41	10	2	ND	3	10	1	2	2	33	.31	.04	20	62	.63	169	.14	6	1.41	.06	1.04	2	1
15-017	1	8	3	46	.1	11	7	368	2.54	8	2	ND	2	10	1	2	2	34	.25	.05	18	52	.67	244	.14	5	1.57	.05	1.11	2	1
16-018	1	14	2	52	.1	12	6	392	2.56	12	3	ND	2	8	1	2	2	34	.24	.05	15	61	.66	162	.15	6	1.50	.05	1.11	2	1
17-019	1	13	1	50	.1	12	7	367	2.47	9	3	ND	2	10	1	2	2	34	.29	.05	14	57	.66	162	.14	4	1.47	.05	1.05	2	1
18-020	1	12	1	43	.1	12	7	367	2.49	7	2	ND	3	9	1	2	2	29	.39	.05	19	51	.71	61	.11	5	1.42	.03	.29	2	1
19-021	1	12	1	57	.1	14	8	403	3.31	10	2	ND	2	6	1	2	2	42	.18	.05	13	55	.83	343	.19	7	1.91	.05	1.48	2	1
21-023	1	19	1	51	.1	4	2	370	2.55	10	2	ND	3	4	1	2	2	6	.12	.03	25	55	.31	187	.14	4	1.24	.04	.91	2	1
22-024	1	17	1	49	.1	12	6	418	2.63	13	2	ND	3	8	1	2	2	37	.28	.05	18	49	.67	149	.15	5	1.54	.04	1.17	2	1
23-025	1	9	3	60	.1	12	7	404	2.89	11	2	ND	3	3	1	2	2	38	.19	.05	19	58	.87	297	.17	5	1.82	.05	1.39	2	1
24-026	1	14	2	46	.1	11	6	349	2.21	8	2	ND	3	12	1	2	2	26	.39	.05	19	71	.55	109	.13	7	1.30	.07	.85	2	1
25-027	1	16	1	78	.1	12	6	336	2.34	9	2	ND	2	8	1	2	2	32	.30	.05	14	57	.61	128	.13	6	1.31	.05	.97	2	1
26-028	1	21	2	46	.1	12	6	351	2.41	10	2	ND	3	10	1	2	2	33	.28	.04	17	60	.65	138	.14	5	1.47	.05	1.05	2	1
27-029	1	13	1	91	.1	12	6	396	2.71	8	2	ND	3	6	1	2	2	39	.17	.04	8	67	.69	244	.16	3	1.67	.05	1.20	2	1
28-030	1	15	7	49	.1	7	4	271	1.52	11	2	ND	8	15	1	2	2	20	.28	.04	30	64	.49	81	.13	9	1.05	.05	.66	2	1
29-031	1	16	1	44	.1	11	6	347	2.23	8	3	ND	3	9	1	2	2	30	.27	.04	19	50	.63	150	.12	7	1.32	.04	.96	2	1
30-032	1	43	4	136	.1	12	6	477	2.85	11	2	ND	3	9	1	2	2	39	.29	.05	18	65	.72	351	.17	3	1.89	.08	1.14	2	1
31-033	1	51	3	62	.1	11	6	333	2.27	8	2	ND	2	10	1	2	2	29	.35	.04	18	62	.62	165	.13	3	1.42	.05	.99	2	1
32-034	1	22	1	65	.1	11	7	375	2.59	9	2	ND	3	10	1	2	2	32	.29	.05	15	63	.62	245	.14	5	1.52	.05	1.00	2	1
33-035	1	56	2	51	.1	9	6	328	2.03	4	2	ND	4	12	1	2	2	22	.53	.03	22	58	.57	119	.10	2	1.29	.04	.59	2	1
34-036	1	11	2	12	.1	3	1	76	.33	2	2	ND	2	8	1	2	2	2	.07	.01	13	86	.04	39	.01	2	.28	.04	.10	2	1
35-037	1	5	6	59	.1	19	10	326	2.07	7	3	ND	2	11	1	2	2	24	.25	.02	6	61	.94	46	.10	2	1.52	.04	.34	2	1
36-038	1	12	1	41	.1	19	8	248	2.01	10	2	ND	2	10	1	2	2	37	.22	.02	5	61	.78	212	.15	2	1.53	.05	.99	2	1
37-039	1	5	1	64	.1	19	7	332	2.53	9	2	ND	2	7	1	2	2	44	.13	.03	4	59	.65	136	.15	2	1.42	.05	.97	2	1
SID A-1/FA-AU	1	31	40	185	.3	35	11	994	2.75	10	2	ND	2	36	1	2	2	56	.59	.10	7	75	.67	275	.08	2	2.02	.02	.20	2	32

SAMPLES	MO	CU	PB	ZN	AG	RI	CO	NR	FE	AS	V	AU	TK	SR	CD	SS	SI	V	CA	P	LA	CR	NI	BA	TI	S	AL	MM	K	U	MU11
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
38-040	2	30	3	50	.3	41	13	300	3.15	12	3	ND	2	10	1	2	2	65	.59	.02	9	71	1.44	159	.13	2	3.22	.16	.69	2	1
39-041	1	48	13	65	1.5	27	9	316	2.97	15	17	ND	2	65	1	2	2	55	2.21	.02	8	71	1.49	179	.14	2	6.73	.86	1.31	2	1
40-042	1	4	3	55	.1	3	1	318	1.49	7	2	ND	3	3	1	2	2	4	.12	.03	16	43	.49	37	.11	2	1.22	.04	.64	2	1
41-043	2	14	2	58	.1	26	11	509	2.85	9	4	ND	2	14	1	2	2	64	1.20	.09	15	86	1.08	188	.17	4	2.49	.15	.66	2	1
42-044	1	32	4	35	.2	28	7	240	1.71	9	2	ND	2	19	1	2	2	40	1.04	.06	13	51	.85	91	.19	2	1.83	.25	.17	2	1
43-045	1	32	3	32	.1	30	7	197	1.80	2	2	ND	2	9	1	2	2	40	.75	.06	8	49	.83	68	.08	3	1.34	.16	.19	2	1
44-046	2	68	6	84	.2	54	13	537	3.62	16	2	ND	2	15	1	2	2	85	.90	.06	16	66	1.40	282	.22	9	3.31	.27	1.52	2	1
45-047	2	5	2	70	.1	4	2	419	2.56	8	2	ND	3	5	1	2	2	6	.74	.03	27	42	.45	175	.12	2	1.65	.06	.78	2	1
46-048	2	86	5	50	.2	30	12	267	2.94	10	2	ND	2	3	1	2	2	80	.60	.10	16	78	1.49	164	.12	3	2.24	.11	.80	2	1
47-049	1	20	4	46	.2	11	7	336	2.56	8	2	ND	2	10	1	2	2	44	.66	.05	14	51	1.00	124	.15	2	2.12	.12	.76	2	1
48-050	2	20	5	67	.3	4	2	437	2.24	3	2	ND	4	8	1	2	2	7	.60	.03	29	66	.38	81	.10	4	1.23	.09	.36	2	1
49-051	2	6	2	67	.2	3	2	317	2.12	6	2	ND	3	9	1	2	2	5	.80	.03	28	46	.30	92	.09	4	1.02	.06	.59	2	1
50-052	2	7	3	76	.1	4	3	281	2.49	6	2	ND	3	7	1	2	2	8	.33	.03	28	46	.37	102	.11	3	1.21	.07	.62	2	1
51-053	2	4	4	74	.1	8	4	314	2.42	9	2	ND	3	8	1	2	2	18	.46	.04	21	52	.95	154	.17	3	2.15	.07	1.03	2	1
52-054	2	6	5	85	.2	7	3	381	2.70	6	2	ND	3	8	1	2	2	11	.16	.03	18	58	.60	177	.14	5	1.79	.07	.89	2	1
53-055	1	5	2	73	.1	4	1	426	2.14	6	2	ND	3	10	1	2	2	5	.22	.03	30	60	.37	146	.11	9	1.31	.07	.68	2	1
54-056	2	5	3	65	.2	7	3	482	1.75	9	2	ND	4	9	1	2	2	6	.50	.04	26	69	.45	94	.11	6	1.56	.07	.74	2	1
55-057	2	10	3	52	.1	3	1	277	1.91	7	2	ND	2	5	1	2	2	6	.08	.02	5	78	.20	105	.11	7	1.11	.10	.53	2	1
56-058	1	6	3	60	.1	4	1	378	1.88	4	3	ND	3	5	1	2	2	3	.19	.02	25	64	.25	147	.10	7	1.18	.07	.65	2	1
57-059	2	14	6	59	.3	4	2	360	2.14	4	2	ND	3	8	1	2	2	6	.58	.03	27	62	.31	132	.11	8	1.19	.10	.69	4	1
58-060	2	14	5	58	.2	4	2	352	2.11	6	2	ND	3	8	1	2	2	6	.57	.03	27	60	.31	128	.11	7	1.17	.09	.69	3	1
59-061	1	3	6	59	.1	3	1	402	1.59	4	2	ND	3	4	1	2	2	2	.04	.01	20	37	.30	92	.07	3	1.03	.06	.56	2	1
60-062	2	10	7	80	.1	5	3	399	2.20	24	2	ND	4	8	1	2	2	9	.25	.03	26	50	.56	159	.12	2	1.73	.08	.90	2	1
61-063	2	7	5	66	.1	4	1	335	2.06	5	2	ND	3	4	1	2	2	2	.10	.01	25	61	.24	85	.07	2	1.21	.05	.63	2	1
62-064	1	5	4	54	.1	2	1	214	1.34	2	2	ND	3	5	1	2	2	2	.04	.01	20	67	.31	59	.06	2	.93	.07	.44	2	1
63-065	2	13	6	63	.2	6	2	452	2.54	2	2	ND	3	6	1	2	2	2	.89	.01	26	76	.32	92	.05	2	1.14	.07	.37	2	1
64-066	1	4	3	59	.3	4	1	398	1.75	2	2	ND	4	4	1	2	2	2	.34	.01	29	60	.38	105	.06	2	1.09	.06	.50	2	1
65-067	2	21	3	59	.3	11	4	459	2.67	4	2	ND	4	5	1	2	2	11	.55	.02	26	67	.67	153	.08	2	1.82	.06	1.02	2	1
66-068	2	13	3	82	.2	21	6	645	3.43	10	2	ND	3	7	1	2	2	41	.60	.05	27	63	.88	145	.15	2	2.44	.09	1.18	2	1
67-069	2	16	2	61	.1	22	8	550	2.93	15	3	ND	3	18	1	2	2	37	1.12	.06	24	72	.93	197	.18	5	2.41	.17	1.32	2	2
68-070	3	4	2	73	.1	12	3	619	3.53	7	2	ND	3	8	1	2	2	8	.38	.04	29	67	.54	160	.15	2	2.05	.06	1.18	2	1
69-071	2	10	4	74	.1	8	3	431	2.28	6	2	ND	3	10	1	2	2	10	.38	.03	28	57	.59	63	.13	2	1.87	.10	1.02	2	1
70-072	2	9	5	70	.2	4	2	406	2.19	4	2	ND	3	7	1	2	2	7	.53	.04	27	51	.19	91	.10	2	.96	.10	.53	2	1
71-073	2	27	3	74	.1	4	2	462	2.89	7	2	ND	3	4	1	2	2	7	.32	.03	27	48	.27	91	.13	2	1.40	.06	.80	2	1
72-074	2	18	4	83	.1	8	4	496	2.78	10	2	ND	3	6	1	2	2	12	.30	.04	24	50	.70	125	.14	2	1.98	.06	.97	2	1
73-075	2	8	4	87	.1	11	5	516	3.14	8	2	ND	3	9	1	2	2	18	.47	.04	23	61	.82	161	.15	2	2.56	.08	1.23	2	1
74-075 EXTRA	2	5	3	66	.2	6	2	459	2.16	6	2	ND	4	7	1	2	2	8	.56	.04	24	59	.49	35	.13	2	1.34	.07	.21	2	1
STD A-1/PA-AU	1	30	38	182	.3	36	11	976	2.76	11	2	ND	2	36	1	2	2	57	.60	.10	8	75	.70	275	.08	7	2.01	.03	.20	2	53

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	SM PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	BR PPH	CO PPH	SD PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	AL %	SA %	R %	V PPH	MNI PPH
75-076	1	12	3	54	.1	8	3	434	2.50	9	2	ND	3	0	1	2	2	14	.20	.04	18	78	1.07	285	.11	5	1.09	.05	.90	2	2
76-077	1	38	6	97	.2	9	4	474	2.86	12	2	ND	3	32	1	2	2	16	.97	.04	20	49	1.19	186	.13	3	2.95	.09	1.23	2	4
77-078	1	11	4	75	.1	3	1	377	2.26	7	2	ND	4	0	1	2	2	9	.40	.04	25	45	.38	199	.11	9	1.18	.04	.71	2	1
78-079	1	4	4	70	.1	4	1	358	2.11	13	2	ND	3	4	1	2	2	10	.14	.04	23	37	.71	101	.17	9	1.42	.04	1.02	2	1
79-080	1	4	1	36	.1	5	2	265	1.86	10	2	ND	4	4	1	2	2	9	.11	.04	29	40	.63	100	.13	6	1.30	.04	.82	2	1
80-081	1	23	4	55	.1	4	2	423	1.76	8	2	ND	3	11	1	2	2	8	.42	.04	26	64	.28	121	.10	8	1.07	.05	.56	2	1
81-082	1	15	4	51	.1	5	2	404	2.39	8	2	ND	3	3	1	2	2	9	.20	.04	20	61	.62	114	.11	5	1.51	.03	.83	2	1
82-083	1	4	1	56	.1	2	1	463	2.14	10	2	ND	3	9	1	2	2	7	.67	.04	27	44	.36	86	.11	5	1.02	.03	.69	2	3
83-084	1	5	2	66	.1	3	2	407	2.57	10	2	ND	3	6	1	2	2	8	.38	.04	23	49	.40	116	.12	15	1.08	.04	.66	2	1
84-085	1	9	4	46	.1	4	2	359	1.90	8	2	ND	3	7	1	2	2	8	.29	.04	21	62	.44	151	.10	7	1.15	.03	.63	2	1
85-086	1	12	4	75	.1	6	3	513	2.79	11	2	ND	3	8	1	2	2	11	.17	.04	22	52	.55	191	.13	7	1.60	.04	1.01	2	1
86-087	1	50	1	24	.1	14	5	97	1.29	3	2	ND	2	3	1	2	2	43	.35	.12	13	61	.57	39	.06	9	.83	.05	.10	2	2
87-088	1	12	1	62	.1	20	11	309	2.90	11	2	ND	2	13	1	2	2	64	1.10	.11	13	81	1.29	164	.13	6	2.12	.12	.75	2	2
88-089	1	6	4	36	.1	17	4	368	2.56	10	2	ND	3	4	1	2	2	10	.23	.04	19	39	.87	168	.13	4	1.73	.03	.90	2	1
89-090	1	5	3	46	.1	4	1	477	2.54	7	5	ND	3	5	1	2	2	2	.34	.02	19	45	.53	82	.06	5	1.33	.02	.87	2	1
90-091	1	8	4	95	.1	7	3	432	2.93	10	6	ND	3	9	1	2	2	10	.10	.04	17	65	1.09	135	.13	4	2.12	.04	1.25	2	1
91-092	1	9	1	83	.1	2	1	187	2.17	8	2	ND	4	9	1	2	2	8	.12	.04	18	49	.27	87	.12	7	1.01	.04	.66	2	1
92-093	1	3	3	12	.1	2	1	34	.30	3	3	ND	4	1	1	2	2	2	.01	.01	19	53	.67	26	.01	12	.24	.01	.15	2	1
93-094	1	18	2	124	.1	32	10	544	3.27	10	10	ND	2	24	1	2	2	63	2.25	.12	10	54	.99	26	.12	2	2.31	.05	.08	2	1
94-095	2	71	3	91	.1	32	10	303	2.44	8	8	ND	2	27	1	2	2	59	2.12	.14	13	72	.92	93	.11	5	2.16	.10	.25	2	1
95-096	1	55	3	41	.1	21	7	362	2.35	10	14	ND	2	46	1	2	2	51	2.71	.11	11	58	.90	158	.11	3	2.88	.26	.57	2	2
96-097	1	5	6	44	.1	5	3	334	1.88	9	2	ND	3	7	1	2	2	7	.44	.04	24	51	.23	117	.08	8	.89	.04	.43	2	1
97-098	1	13	1	25	.1	18	4	298	1.46	7	16	ND	2	96	1	2	3	27	3.01	.05	12	36	.74	53	.06	6	3.84	.30	.11	2	1
98-NO-TAB	1	11	3	55	.1	12	6	377	2.56	12	2	ND	2	11	1	2	2	35	.42	.05	14	57	.70	275	.14	5	1.55	.05	.94	2	2
STD A-1/FA-AU	1	30	39	183	.3	36	11	967	2.75	11	2	ND	2	36	1	2	2	57	.60	.11	7	76	.69	275	.08	2	2.04	.02	.19	2	53

PATRICIA MINING DIV.
RECEIVED
 A.M. 11 16 1984
 10 11 12 1 2 3 4 5 6
 P.M. 7 8 9 10 11 12

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: B4-0402C

Date: APR 2 1984

UMEX INC.
1935 LESLIE ST
DON MILLS ONTARIO
M3B 2M3

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
391	ICP ANALYSIS @	6.00	2346.00
391	GEOCHEM AU BY FA+AA @	5.50	2150.50
	SUBTOTAL		4496.50
2	FLOPPY DISK	6.00	12.00
			4508.50

*OK
for F.F.*

APR 6 1984

PAID
 APR 12 1984
 917

PLEASE PAY LAST AMOUNT →

PATRICIA MINING DIV
RECEIVED
 JUL 16 1984
 A.M. P.M.
 7 8 9 10 11 12 1 2 3 4 5 6

GEOCHEMICAL ICP ANALYSIS

A .500 GRAM OF SAMPLE DIGESTED WITH 5ML OF 3-1-3 OF HCL-HNO3-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR.
DILUTED TO 10 ML WITH WATER, PARTIAL LEACHED FOR MN, FE, CA, P, CR, MO, BA, TI, B, AL, NP, K, V, BI, BR, CE, SM, Y, ND AND TA
AU DETECTION LIMIT 3 PPM SAMPLE TYPE: PUP

DATE RECEIVED: MAR 21 1984

DATE REPORT MAILED: *Apr 2/84*

ASSAYER... *D. Jey* DEAN TOYE, CERTIFIED B.C. ASSAYER

UMEX FILE # B4-0402C

PAGE 1

SAMPLED	NO	CU	PB	ZN	AS	NI	CO	MN	FE	AS	V	AI	TH	SR	CB	SB	BI	V	CA	P	LA	CR	MS	BA	TI	B	AL	NA	K	U	AU
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
FBC UM-2092	1	11		21	.1	26	6	255	1.48	2	2	ND	2	7	1	2	2	35	1.11	.14	7	44	.64	17	.06	2	.99	.24	.04	2	5
FBC UM-2093	1	28	2	22	.1	25	5	241	1.42	4	2	ND	2	20	1	2	2	33	1.09	.08	7	55	.63	20	.06	12	1.28	.29	.04	2	1
FBC UM-2094	1	19	1	20	.1	27	6	109	1.33	4	2	ND	2	5	1	2	2	36	.65	.08	5	69	.68	115	.07	15	.89	.17	.22	2	1
FBC UM-2095	1	17	1	26	.1	32	6	203	1.62	4	2	ND	2	7	1	2	2	37	.98	.08	7	55	.85	46	.07	2	1.20	.24	.15	2	1
FBC UM-2096	1	40	2	49	.1	57	11	116	2.06	10	2	ND	2	16	1	2	2	91	.66	.08	12	103	1.29	65	.13	12	2.16	.36	.69	2	1
FBC UM-2097	1	65	1	20	.1	42	9	236	1.39	5	5	ND	2	59	1	2	2	27	1.66	.06	7	36	.63	30	.06	2	2.24	.39	.04	2	1
FBC UM-2098	1	18	1	22	.1	33	7	729	1.55	6	2	ND	2	12	1	2	2	36	.94	.06	6	33	.76	17	.07	2	1.13	.22	.02	2	1
FBC UM-2099	1	42	8	45	.2	51	13	414	2.38	16	19	ND	2	89	1	2	2	59	4.04	.06	7	30	1.13	136	.11	15	5.55	.46	.52	2	1
FBC UM-2100	1	28	3	25	.1	32	7	198	1.70	4	2	ND	2	16	1	2	2	39	.86	.05	5	31	.83	14	.07	2	1.25	.20	.02	2	1
FBC UM-2101	1	54	2	65	.1	64	15	299	2.09	11	14	ND	2	64		2	2	75	2.51	.10	11	87	1.25	145	.12	2	4.96	.90	.90	2	1
FBC UM-2102	1	38	2	59	.1	10	9	380	2.96	5	2	ND	2	22	1	2	2	57	1.00	.07	28	42	.85	114	.10	2	1.59	.21	.27	2	1
FBC UM-2103	1	25	1	45	.1	48	12	336	2.84	10	8	ND	2	14	1	2	2	53	2.06	.10	11	72	1.36	76	.11	2	2.14	.19	.29	2	1
FBC UM-2104	1	3	1	22	.1	32	6	88	.93	8	2	ND	2	57	1	2	2	66	1.42	.10	11	86	.72	100	.08	2	2.93	.82	.42	2	1
FBC UM-2105	1	33	8	70	.1	112	12	452	3.40	21	2	ND	3	30	1	2	2	49	.76	.03	13	46	1.51	197	.17	2	4.14	.45	1.86	2	1
FBC UM-2106	1	36	3	43	.1	49	13	445	3.47	12	7	ND	2	19	1	2	2	62	1.79	.06	11	51	1.30	133	.13	2	3.40	.40	.76	2	1
FBC UM-2107	1	3	1	48	.1	56	12	284	2.68	10	2	ND	2	5	1	2	2	65	.66	.06	11	34	1.48	475	.15	17	1.96	.13	.91	2	1
FBC UM-2108	1	12	5	29	.1	29	4	414	1.11	9	21	ND	2	53	1	2	2	30	3.20	.06	10	36	.76	47	.10	2	4.43	.20	.24	2	3
FBC UM-2109	1	82	2	20	.1	24	5	205	1.49	3	11	ND	2	53	1	2	2	33	2.30	.26	8	49	.62	17	.05	2	2.48	.43	.03	2	1
FBC UM-2110	1	20	1	21	.1	27	6	133	1.60	3	2	ND	2	12	1	2	2	53	.96	.08	9	44	.70	63	.08	2	1.24	.25	.19	2	3
FBC UM-2111	1	44	3	39	.2	34	6	273	1.73	5	2	ND	2	15	1	2	2	40	1.16	.13	6	65	.73	15	.07	2	1.32	.19	.04	2	1
FBC UM-2112	1	109	3	91	.1	99	33	1109	6.59	33	3	ND	2	17	2	2	2	98	1.19	.03	2	219	2.91	16	.19	2	4.20	.02	.02	2	1
FBC UM-2113	1	8	2	16	.1	25	5	221	1.22	2	2	ND	2	20	1	2	2	30	.99	.06	4	34	.62	23	.07	2	1.10	.28	.03	2	1
FBC UM-2114	1	52	1	32	.1	48	9	189	1.74	6	2	ND	2	12	1	2	2	48	1.04	.06	11	50	1.21	229	.11	2	1.60	.19	.48	2	1
FBC UM-2115	1	8	4	54	.1	7	1	136	2.03	4	2	ND	4	6	1	2	2	17	.08	.02	18	55	.85	83	.11	2	1.64	.08	.91	2	1
FBC UM-2116	1	8	2	16	.1	19	4	151	1.20	12	19	ND	2	93	1	2	2	24	3.64	.12	12	49	.56	32	.09	2	4.51	.33	.08	2	1
FBC UM-2117	1	42	1	78	.2	40	15	713	3.43	14	3	ND	2	9	1	2	2	82	1.79	.10	14	105	1.33	220	.13	2	2.07	.14	.92	2	2
FBC UM-2118	1	54	1	64	.1	46	11	339	2.66	10	2	ND	2	11	1	2	2	68	1.37	.10	12	91	1.37	238	.12	2	1.79	.16	.51	2	1
FBC UM-2119	1	4	7	64	.1	20	11	448	3.47	15	19	ND	2	93	1	2	2	68	2.89	.04	14	33	1.22	311	.17	2	5.62	.54	1.51	2	1
FBC UM-2120	1	31	38	46	.1	14	4	706	1.86	11	14	ND	2	33	1	2	2	5	2.30	.02	11	67	.57	33	.03	7	2.10	.02	.08	2	1
FBC UM-2121	1	61	1	37	.2	48	10	321	2.39	5	5	ND	2	16	1	2	2	49	1.61	.09	11	75	1.29	78	.10	14	1.75	.19	.17	2	2
FBC UM-2122	1	137	5	75	.3	27	16	240	3.61	12	2	ND	2	42	1	2	2	109	.98	.16	14	30	1.87	142	.15	2	4.12	.43	1.49	2	1
FBC UM-2123	1	29	3	55	.1	27	8	420	2.29	6	2	ND	3	19	1	2	2	44	1.87	.05	15	31	.92	58	.07	13	1.53	.19	.32	2	3
FBC UM-2124	1	33	4	50	.2	26	8	383	2.28	4	2	ND	3	16	1	2	2	46	1.08	.05	15	52	.91	54	.07	8	1.41	.17	.28	2	1
FBC UM-2125	1	4	5	75	.1	58	12	180	2.84	12	2	ND	2	19	1	2	2	92	1.02	.08	10	92	2.06	132	.15	12	3.90	.51	1.22	2	1
FBC UM-2126	1	17	1	25	.1	33	8	164	1.73	5	2	ND	2	6	1	2	2	52	.47	.07	7	54	.69	50	.10	8	1.10	.11	.21	2	1
FBC UM-2127	1	30	3	23	.1	6	1	527	1.63	4	2	ND	4	10	1	2	2	11	1.13	.02	26	56	.28	46	.06	16	.83	.07	.31	2	1
FBC UM-2128	1	74	1	52	.1	56	13	395	3.76	16	2	ND	2	18	1	2	2	91	1.43	.10	11	121	1.41	77	.18	7	2.76	.29	.24	2	2
SID A-1/FA-AU	1	31	38	182	.3	36	11	976	2.76	11	2	ND	2	36	1	2	2	57	.60	.10	8	75	.70	271	.68	7	2.01	.02	.20	2	54

SAMPLE#	MO	CU	PB	ZN	AS	NI	CO	MN	FE	AS	U	AU	TH	SR	CO	SO	SI	V	CA	P	LA	CR	MO	BA	TI	B	AL	SA	R	B	NI19
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH
FBC UM-2129	1	36	1	23	.1	30	6	135	1.34	2	2	ND	2	0	1	2	2	36	.65	.13	11	50	.72	23	.06	0	.89	.15	.03	2	1
FBC UM-2130	1	17	3	27	.1	31	7	236	2.52	2	2	ND	2	30	1	2	2	94	1.31	.08	8	162	1.41	240	.14	11	3.94	.40	1.02	2	2
FBC UM-2131	1	133	3	37	.2	70	14	411	3.23	3	2	ND	2	13	1	2	2	57	1.26	.07	9	97	1.53	139	.13	10	2.24	.15	.41	2	13
FBC UM-2132	1	46	1	31	.1	47	10	274	2.70	3	2	ND	2	12	1	2	2	43	1.20	.08	11	80	1.08	45	.08	7	1.47	.15	.08	2	2
FBC UM-2133	1	0	3	34	.1	7	2	298	2.07	3	2	ND	4	9	1	2	2	6	.46	.02	31	54	.20	146	.09	7	1.08	.07	.43	2	1
FBC UM-2134	1	6	3	94	.1	34	11	489	2.78	8	2	ND	2	14	1	2	2	50	1.26	.10	10	75	1.03	163	.12	6	2.34	.28	.57	2	1
FBC UM-2135	1	25	2	59	.1	19	6	314	1.89	2	2	ND	2	43	1	2	2	39	1.42	.10	7	36	.65	15	.07	8	1.82	.31	.02	2	1
FBC UM-2136	1	156	2	28	.3	0	2	282	.89	2	2	ND	2	10	1	2	2	15	4.31	.11	6	22	.44	30	.05	4	3.49	.08	.07	2	3
FBC UM-2137	1	27	4	30	.1	34	9	1	1.95	2	2	ND	2	34	1	2	2	39	1.37	.07	10	55	.01	21	.08	2	1.78	.25	.08	2	1
FBC UM-2138	1	2	4	48	.1	7	3	425	2.24	3	2	ND	3	10	1	2	2	11	1.13	.03	20	54	.45	58	.08	2	1.19	.05	.43	2	1
FBC UM-2139	1	29	3	29	.1	34	8	241	2.03	3	2	ND	2	10	1	2	2	39	1.09	.11	8	62	.90	67	.09	16	1.13	.18	.18	2	1
FBC UM-2140	1	22	1	22	.1	36	7	184	1.60	2	2	ND	2	7	1	2	2	36	.85	.08	11	69	.80	35	.07	2	.91	.10	.08	2	1
FBC UM-2141	1	52	4	26	.2	17	11	229	2.24	4	2	ND	2	17	1	2	2	52	.95	.09	15	31	.55	26	.07	13	1.04	.17	.02	2	1
FBC UM-2142	1	50	1	28	.1	42	9	174	1.73	2	2	ND	2	11	1	2	2	36	.88	.11	12	69	.88	79	.07	18	1.10	.12	.07	2	1
FBC UM-2143	1	15	2	29	.1	35	8	168	1.71	3	2	ND	2	10	1	2	2	36	.85	.08	10	55	.82	14	.07	2	1.02	.13	.02	2	1
FBC UM-2144	1	45	2	36	.1	40	10	327	2.47	6	2	ND	2	26	1	2	2	47	1.64	.11	12	62	.97	28	.08	13	1.48	.16	.06	2	2
FBC UM-2145	1	61	9	35	.3	39	9	226	1.98	2	10	ND	2	93	1	2	2	49	3.41	.11	15	72	.95	95	.10	8	5.68	.53	.37	2	2
FBC UM-2146	1	4	3	26	.1	5	1	183	.74	2	2	ND	6	4	1	2	2	2	.18	.01	16	48	.13	31	.02	13	.53	.06	.29	2	1
FBC UM-2147	1	89	6	20	.1	27	7	154	1.63	2	2	ND	2	64	1	2	2	37	1.39	.12	10	58	.69	37	.06	2	1.88	.36	.07	2	1
FBC UM-2148	1	9	6	25	.1	37	7	203	1.78	2	2	ND	2	9	1	2	2	34	.92	.09	11	69	.82	47	.06	2	1.13	.16	.07	2	1
FBC UM-2149	1	20	1	36	.1	34	11	325	2.47	4	2	ND	2	9	1	2	2	41	1.66	.07	9	84	1.05	74	.08	2	1.46	.15	.25	2	1
FBC UM-2150	1	46	1	32	.1	50	9	260	2.22	2	2	ND	2	36	1	2	2	44	1.57	.09	12	77	.91	41	.11	2	2.10	.22	.09	2	1
FBC UM-2151	1	28	2	34	.1	44	8	277	2.02	2	2	ND	2	13	1	2	2	38	1.05	.08	9	75	.97	37	.08	2	1.36	.16	.10	2	1
FBC UM-2152	2	12	3	134	.2	6	1	151	1.09	3	2	ND	4	4	1	2	2	5	.15	.01	31	65	.15	47	.04	2	.50	.07	.22	2	1
FBC UM-2153	1	25	5	23	.1	31	7	220	1.79	3	2	ND	2	67	1	2	2	33	1.45	.11	10	62	.77	20	.08	16	1.90	.35	.02	2	1
FBC UM-2154	1	16	4	30	.1	39	8	242	1.82	4	2	ND	2	7	1	2	2	38	.97	.09	10	63	.92	73	.08	2	1.12	.17	.22	2	1
FBC UM-2155	1	414	308	447	2.5	8	2	159	.76	2	2	ND	2	7	2	3	2	5	.36	.03	5	69	.23	35	.01	9	.90	.09	.19	2	33
FBC UM-2156	1	10	9	13	.3	2	1	25	.33	2	2	ND	3	3	1	2	2	2	.08	.04	10	73	.03	30	.01	7	.35	.02	.16	2	2
FBC UM-2157	1	8	3	100	.1	19	8	519	2.53	3	2	ND	2	7	1	2	2	42	.23	.03	8	34	.81	404	.15	2	1.54	.18	1.02	2	1
FBC UM-2158	1	6	10	90	.1	6	2	435	2.38	6	2	ND	3	11	1	2	2	8	.55	.04	27	59	.37	134	.13	2	1.36	.07	.52	2	3
FBC UM-2159	1	214	5	115	.8	11	5	464	2.29	5	2	ND	2	7	1	2	2	31	.23	.03	2	62	.46	186	.12	11	1.48	.08	.83	2	11
FBC UM-2160	1	7	3	33	.2	7	1	274	1.08	3	2	ND	6	7	1	2	2	6	.65	.01	24	66	.15	43	.02	9	.71	.05	.21	2	1
FBC UM-2161	1	42	7	60	.3	60	16	400	3.74	13	2	ND	4	29	1	4	2	105	.68	.07	33	156	1.50	278	.22	2	3.38	.24	1.65	2	2
FBC UM-2162	1	20	6	72	.2	45	9	484	2.97	6	8	ND	2	98	1	2	2	34	1.96	.06	21	145	1.23	266	.15	2	4.61	.49	1.38	2	1
FBC UM-2163	1	35	9	62	.2	42	10	511	3.31	7	10	ND	3	95	1	2	2	76	2.82	.06	22	120	1.49	377	.17	2	6.02	.39	1.62	2	1
FBC UM-2164	1	12	4	19	.2	10	3	199	.92	2	2	ND	5	22	1	2	2	2	.71	.01	30	52	.37	41	.01	16	1.73	.20	.36	2	1
FBC UM-2165	1	3	5	28	.1	3	1	269	1.28	2	2	ND	5	5	1	2	2	2	.38	.01	15	54	.31	56	.01	13	1.25	.05	.38	2	1
STD A-1/FA-AU	1	31	38	185	.3	37	11	992	2.81	10	2	ND	2	37	1	2	2	56	.58	.09	8	76	.68	272	.08	8	2.08	.02	.20	2	55

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	NI PPH	CO PPH	MN PPH	FE I	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SI PPH	Y PPH	CA I	P I	LA PPH	CR PPH	MO I	BA PPH	TI I	B PPH	AL I	NA I	R I	B PPH	MULTI PPH	
FBC UM-2166	1	63	3	259	.2	24	12	579	2.90	6	2	ND	2	7	1	2	2	35	.38	.03	9	60	1.1	314	.11	2	1.55	.07	1.06	2	1
FBC UM-2167	1	2	5	45	.2	5	1	242	1.23	2	2	ND	5	34	1	2	2	3	.78	.01	32	55	.46	63	.04	2	2.49	.30	.67	2	5
FBC UM-2168	1	29	5	45	.4	19	21	246	3.73	5	2	ND	2	45	1	2	2	80	.93	.08	13	42	1.20	310	.15	2	3.68	.29	1.24	2	4
FBC UM-2169	1	22	5	48	.2	20	14	284	2.98	9	2	ND	3	24	1	2	2	67	.62	.04	22	41	1.00	178	.14	2	2.69	.30	1.11	2	1
FBC UM-2170	1	24	2	17	.2	4	1	119	.87	2	2	ND	5	5	1	2	2	2	.08	.01	18	49	.44	25	.01	2	1.06	.05	.26	2	1
FBC UM-2171	1	6	3	133	.1	6	3	403	2.67	2	2	ND	3	10	1	2	2	7	.35	.04	20	64	.35	154	.11	18	1.31	.10	.78	2	1
FBC UM-2172	1	29	4	72	.1	20	10	351	2.56	6	2	ND	2	17	1	2	2	35	.55	.03	8	50	.75	169	.08	9	1.78	.17	.59	2	3
FBC UM-2173	1	9	3	37	.1	21	8	249	2.47	2	2	ND	2	9	1	2	2	28	.21	.03	13	43	.94	127	.07	2	1.86	.08	.56	2	1
FBC UM-2174	1	27	12	221	.2	5	1	235	1.52	2	2	ND	3	12	2	2	2	3	.70	.01	19	75	.27	34	.03	2	1.14	.05	.19	2	1
FBC UM-2175	1	3	7	143	.1	5	7	306	4.70	6	3	ND	2	22	1	2	2	10	1.31	.11	22	38	1.11	230	.19	2	4.09	.25	1.30	2	1
FBC UM-2176	2	3	4	83	.2	10	2	193	1.46	2	2	ND	3	9	1	2	2	5	.15	.01	4	65	.44	43	.05	2	1.36	.10	.68	2	1
FBC UM-2177	1	4	9	90	.3	5	1	275	1.17	2	2	ND	4	29	1	2	2	3	.76	.01	23	59	.51	49	.03	2	2.34	.30	.61	2	1
FBC UM-2178	2	10	2	3	.1	8	1	50	.78	2	2	ND	4	3	1	2	2	21	.07	.04	26	110	.14	46	.04	8	.54	.02	.14	2	1
FBC UM-2179	1	5	2	22	.1	11	3	100	1.13	2	2	ND	3	16	1	2	2	20	.22	.05	12	72	.22	111	.06	10	.69	.08	.30	2	2
FBC UM-2180	1	4	6	33	.2	13	4	425	1.98	3	4	ND	4	34	1	2	2	40	1.83	.02	13	81	1.02	118	.13	9	3.83	.36	.85	2	2
FBC UM-2181	1	7	3	42	.2	18	5	264	1.60	5	2	ND	4	24	1	2	2	19	1.05	.03	20	50	.52	51	.09	12	2.74	.29	.73	2	1
FBC UM-2182	1	31	7	35	.4	30	20	312	2.45	6	2	ND	3	43	1	2	2	32	1.67	.03	15	59	.85	148	.11	11	4.02	.48	.82	2	4
FBC UM-2183	1	5	5	50	.2	14	3	453	2.04	2	2	ND	5	27	1	2	2	17	1.34	.01	25	61	.82	197	.07	11	3.10	.28	1.00	2	5
FBC UM-2184	1	112	5	68	.5	33	13	513	3.54	7	1	ND	5	83	1	2	2	57	2.84	.04	24	78	1.10	320	.17	2	6.01	.45	1.57	2	3
FBC UM-2185	1	38	4	57	.1	29	9	517	2.87	5	2	ND	4	10	1	2	2	53	1.75	.04	15	74	1.24	76	.15	10	2.70	.08	.61	2	8
FBC UM-2186	1	15	9	68	.1	25	8	487	2.77	2	10	ND	3	85	1	2	2	53	2.37	.03	15	60	1.21	199	.12	2	4.80	.43	1.03	2	2
FBC UM-2187	1	3	5	44	.2	23	8	508	3.04	5	6	ND	4	32	1	2	2	47	2.03	.06	19	66	1.15	145	.14	8	3.82	.15	1.00	2	1
FBC UM-2188	1	14	6	49	.2	43	14	268	3.90	2	2	ND	2	5	1	2	2	60	.12	.05	3	118	1.07	24	.06	2	1.90	.07	.61	2	2
FBC UM-2189	1	45	3	76	.1	34	18	479	4.68	11	2	ND	2	27	1	2	2	105	1.25	.12	13	43	1.26	726	.21	10	3.25	.31	1.45	2	1
FBC UM-2190	2	14	9	75	.1	21	5	357	2.15	2	2	ND	4	27	1	2	2	36	.94	.02	45	55	.38	76	.12	9	2.66	.37	.88	2	2
FBC UM-2191	1	6	34	48	.2	5	1	203	1.00	2	2	ND	5	25	1	2	2	2	1.22	.02	28	80	.18	31	.04	6	2.26	.23	.29	2	1
FBC UM-2192	1	3	3	16	.2	9	1	84	.94	2	2	ND	4	3	1	2	2	2	.04	.01	18	73	.28	24	.01	2	.79	.03	.29	2	1
FBC UM-2193	1	5	3	43	.1	3	1	58	.95	2	2	ND	4	2	1	2	2	2	.04	.01	8	48	.27	28	.01	13	.72	.06	.25	2	1
FBC UM-2194	1	19	3	59	.1	27	9	327	2.49	6	2	ND	4	38	1	2	2	49	1.13	.06	23	79	1.00	142	.13	2	3.40	.42	1.02	2	1
FBC UM-2195	1	53	4	48	.3	21	11	421	2.65	5	18	ND	3	51	1	2	2	27	2.75	.02	12	65	1.26	129	.10	2	5.70	.34	1.02	2	3
FBC UM-2196	1	8	5	46	.1	15	6	366	2.08	5	8	ND	4	47	1	2	2	22	1.91	.03	19	51	.97	116	.11	4	3.77	.27	.95	2	30
FBC UM-2197	1	11	1	39	.1	14	6	198	2.45	2	3	ND	2	4	1	2	2	31	.18	.03	5	74	.30	60	.05	15	.82	.07	.23	2	2
FBC UM-2198	1	47	1	64	.1	18	14	455	3.69	9	2	ND	2	9	1	2	2	80	.50	.08	15	41	1.44	321	.17	2	2.58	.15	1.36	2	1
FBC UM-2199	1	5	3	63	.1	8	5	239	2.35	4	2	ND	4	5	1	2	2	13	.18	.06	22	29	.46	204	.13	2	1.34	.06	.74	2	1
FBC UM-2200	1	6	5	46	.5	5	2	365	2.29	4	2	ND	3	31	1	2	2	5	.88	.02	18	68	.42	224	.09	2	2.30	.29	.69	2	1
STD A-1/FA-AU	1	31	38	179	.3	36	11	982	2.75	9	2	ND	2	37	1	2	2	56	.89	.10	8	75	.69	273	.08	8	2.04	.02	.20	2	52
FBC UM-2201	4	67	26	87	1.0	10	10	412	3.75	2	16	ND	4	109	1	2	2	29	2.99	.02	21	32	.67	214	.06	2	5.31	.30	.46	2	1
FBC UM-2202	1	5	3	71	.2	5	5	449	2.65	4	2	ND	4	11	1	2	2	8	.21	.02	29	59	.61	171	.12	2	1.61	.10	.97	2	1

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	RI PPH	CO PPH	SM PPH	FE I	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	SI PPH	V PPH	CA I	P I	LA PPH	CR PPH	MG I	BA PPH	TI I	B PPH	AL I	NA I	K I	W PPH	MUT PPH
FBC UM-2203	1	3	5	64	.1	5	2	315	2.72	4	2	ND	3	25	1	2	2	7	.44	.02	13	67	.62	238	.11	2	2.12	.17	.80	2	1
FBC UM-2204	1	3	2	60	.2	5	2	393	2.65	6	2	ND	3	18	1	2	2	7	.39	.02	6	63	.88	165	.13	2	2.27	.13	1.14	2	1
FBC UM-2205	1	7	16	89	.2	5	2	447	2.38	3	2	ND	3	24	1	3	2	5	1.00	.02	18	56	.65	65	.12	4	2.24	.14	.20	2	1
FBC UM-2206	1	24	26	284	.7	9	9	529	3.46	5	6	ND	2	52	1	2	2	73	2.50	.04	31	38	.71	70	.11	2	3.57	.26	.17	2	24
FBC UM-2207	1	25	6	58	.6	5	2	285	2.55	2	2	ND	3	7	1	2	2	7	.27	.02	22	63	.40	124	.08	2	1.10	.05	.41	2	2
FBC UM-2208	1	51	27	196	1.0	11	21	450	3.40	7	2	ND	2	36	1	2	2	97	1.93	.05	14	43	.68	183	.13	2	3.81	.37	.41	2	1
FBC UM-2209	1	14	5	28	.2	10	11	674	3.58	6	2	ND	2	18	1	2	2	72	1.12	.06	13	51	.71	56	.08	2	2.48	.10	.17	2	1
FBC UM-2210	1	27	14	107	.3	5	3	316	2.67	3	2	ND	3	16	1	3	2	7	.38	.02	18	65	.36	254	.10	6	1.76	.13	.63	2	1
FBC UM-2211	1	30	11	32	.7	14	14	291	3.48	6	2	ND	2	14	1	2	2	128	.33	.06	7	60	.78	397	.11	2	2.06	.14	.78	2	1
FBC UM-2212	1	4	3	59	.1	6	3	270	2.26	4	2	ND	3	3	1	2	2	8	.10	.03	19	66	.31	115	.08	15	1.00	.04	.52	2	1
FBC UM-2213	1	10	5	59	.2	8	10	434	3.18	9	2	ND	2	10	1	2	2	76	1.85	.06	11	40	.77	167	.17	11	1.71	.15	.45	2	1
FBC UM-2214	1	29	4	58	.2	9	11	394	3.21	10	2	ND	2	15	1	2	2	112	.50	.06	10	49	.61	294	.17	13	1.91	.15	.80	2	1
FBC UM-2215	1	37	3	46	.2	14	18	516	3.76	13	2	ND	2	12	1	2	2	97	1.55	.06	9	44	.73	60	.16	2	2.71	.05	.21	2	1
FBC UM-2216	1	7	10	57	.3	14	7	511	2.41	6	11	ND	2	75	1	2	2	39	2.86	.06	13	50	.82	60	.08	6	3.66	.29	.20	2	23
FBC UM-2217	1	16	2	66	.1	62	11	563	3.13	4	2	ND	2	6	1	2	2	50	.81	.06	4	77	1.04	158	.14	7	1.87	.13	.80	2	1
FBC UM-2218	1	4	2	49	.1	12	4	378	2.20	8	2	ND	3	11	1	2	2	28	.32	.06	12	49	.63	147	.15	5	1.64	.11	.92	2	1
FBC UM-2219	1	4	1	27	.1	24	6	207	1.80	3	2	ND	2	7	1	2	2	116	.11	.02	3	86	.34	224	.13	13	.91	.06	.55	2	1
FBC UM-2220	1	3	2	3	.1	8	1	39	.65	2	2	ND	2	3	1	2	2	4	.06	.02	12	79	.05	58	.03	3	.34	.04	.11	2	1
FBC UM-2221	1	28	1	81	.3	58	11	474	2.75	5	2	ND	2	9	1	2	2	43	.75	.04	3	96	1.20	151	.13	2	1.81	.12	.61	2	2
FBC UM-2222	1	120	1	54	.7	51	10	389	2.65	10	3	ND	2	65	1	2	2	76	1.81	.05	9	130	1.31	372	.17	11	4.83	.60	1.31	2	8
FBC UM-2223	1	55	14	131	.6	32	15	433	2.89	7	2	ND	2	36	1	2	2	19	.69	.03	7	72	.84	190	.11	2	2.82	.17	.96	2	26
FBC UM-2224	1	18	10	76	.2	23	9	393	2.41	6	2	ND	2	11	1	2	2	40	.80	.04	4	59	.71	198	.14	5	1.57	.97	.88	2	5
FBC UM-2225	1	14	3	133	.1	36	14	501	3.88	10	2	ND	2	14	1	2	2	80	.72	.06	7	78	1.18	180	.21	2	2.45	.15	1.38	2	2
FBC UM-2226	1	5	19	13	.3	6	2	150	1.10	2	2	ND	2	2	1	2	2	8	.05	.02	8	79	.20	57	.02	2	.63	.02	.25	2	1
FBC UM-2227	1	9	5	39	.1	6	3	318	2.47	7	2	ND	3	6	1	2	2	8	.33	.03	16	76	.50	86	.13	19	1.28	.06	.32	2	3
FBC UM-2228	1	36	6	73	.4	20	9	667	2.82	4	2	ND	2	71	1	2	2	37	1.23	.02	6	74	1.13	43	.11	11	3.36	.31	1.08	2	4
FBC UM-2229	1	2	3	19	.1	24	5	173	1.35	2	2	ND	2	6	1	2	2	8	.07	.02	6	56	.46	47	.01	7	1.10	.04	.16	2	1
FBC UM-2230	1	4	29	96	.1	33	9	554	2.71	8	11	ND	2	73	1	2	2	52	2.65	.06	11	77	1.28	141	.13	3	5.05	.37	1.20	2	1
FBC UM-2231	1	22	16	113	.6	6	2	226	1.77	5	2	ND	3	10	1	3	2	5	.20	.02	10	85	.34	167	.08	2	1.08	.07	.54	2	1
FBC UM-2232	2	5	8	22	.1	20	5	319	3.04	4	2	ND	3	11	1	2	2	24	.25	.03	10	98	1.33	1018	.11	11	2.63	.13	.89	2	1
FBC UM-2233	1	3	1	58	.1	17	7	520	3.23	7	2	ND	2	12	1	2	2	50	.26	.03	10	51	.73	252	.19	8	1.90	.08	1.08	2	1
FBC UM-2234	1	17	2	30	.3	17	5	164	1.40	4	2	ND	2	14	1	2	2	27	.50	.03	7	77	.27	198	.06	13	1.51	.13	.36	2	1
FBC UM-2235	1	7	16	415	.1	8	4	444	2.35	6	2	ND	6	16	1	2	2	8	.33	.03	14	69	.41	209	.11	4	1.38	.06	.72	2	1
FBC UM-2236	1	47	6	49	.3	24	8	400	2.58	12	2	ND	5	36	1	2	2	46	1.45	.04	17	72	1.18	184	.15	4	3.51	.22	1.20	2	1
FBC UM-2237	2	14	6	20	.3	9	6	193	2.99	5	2	ND	3	8	1	2	2	33	.07	.04	12	72	.50	82	.11	2	1.17	.06	.62	2	10
FBC UM-2238	1	9	4	67	.2	8	1	247	1.84	2	2	ND	4	4	1	2	2	6	.21	.01	27	61	.28	57	.04	8	.96	.05	.45	2	1
STD A-1/FA-AU	1	30	38	183	.3	37	11	996	2.78	9	2	ND	2	37	1	2	2	57	.60	.10	8	77	.69	279	.08	7	2.03	.02	.20	2	55
FBC UM-2239	1	52	3	41	.2	41	11	378	2.58	4	2	ND	3	5	1	2	2	61	.45	.07	20	115	.88	200	.09	7	1.26	.07	.40	2	1
FBC UM-2240	1	35	4	52	.3	41	12	397	2.96	2	2	ND	3	54	1	2	2	73	2.02	.06	22	84	1.29	280	.11	3	3.50	.38	.72	2	1

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	NR PPH	FE %	AS PPH	S PPH	KU PPH	TH PPH	SR PPH	CD PPH	BD PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	AL %	MA %	K %	U PPH	MU PPH
FBC UM-2241	1	37	10	67	.2	36	9	612	2.92	14	2	ND	2	124	1	2	3	85	4.63	.06	7	80	1.19	249	.18	2	7.93	.27	1.43	2	1
FBC UM-2242	1	28	1	24	.1	37	7	139	1.34	2	2	ND	2	7	1	2	2	45	.47	.08	8	77	.85	41	.06	3	.98	.07	.87	2	1
FBC UM-2243	1	50	11	81	.1	79	13	536	3.88	10	5	ND	2	61	1	2	2	75	2.97	.05	15	100	1.41	367	.22	5	6.93	.27	1.76	2	1
FBC UM-2244	1	4	4	55	.1	6	1	227	2.02	3	2	ND	4	6	1	2	2	3	.40	.02	19	67	.14	101	.06	7	.95	.05	.44	2	1
FBC UM-2245	1	15	4	48	.1	6	1	331	1.61	4	2	ND	4	13	1	2	2	3	1.15	.02	26	64	.17	77	.06	2	.94	.04	.51	2	1
FBC UM-2246	1	13	2	14	.1	31	4	107	1.26	4	3	ND	2	5	1	2	2	38	.46	.06	3	48	.45	57	.07	5	.62	.09	.10	2	1
FBC UM-2247	1	83	10	100	.2	37	10	295	4.88	12	2	ND	2	55	1	2	2	63	2.15	.07	15	90	1.27	50	.17	2	5.71	.18	1.51	2	2
FBC UM-2248	1	9	6	73	.1	49	10	302	3.02	6	2	ND	4	7	1	3	2	49	.34	.04	20	88	1.40	146	.13	2	2.32	.08	1.23	2	1
FBC UM-2249	1	20	10	24	.1	11	2	402	1.73	2	6	ND	3	107	1	2	2	43	2.27	.04	16	70	1.16	118	.11	6	4.95	.34	1.07	2	1
FBC UM-2250	1	3	2	19	.2	5	1	161	.88	3	2	ND	6	13	1	2	2	2	.22	.01	29	69	.47	49	.02	13	1.17	.88	.41	2	1
FBC UM-2251	1	85	5	63	.1	47	11	453	3.09	5	2	ND	3	4	1	2	2	34	.61	.05	12	72	1.26	289	.14	2	1.88	.06	1.00	2	1
FBC UM-2252	1	26	6	71	.1	22	8	366	2.99	5	5	ND	2	9	1	2	2	28	.13	.03	8	62	.73	160	.11	8	1.56	.06	.94	2	2
FBC UM-2253	1	7	3	138	.1	19	6	459	2.55	5	2	ND	2	14	1	2	2	22	.38	.03	9	60	.53	223	.11	6	1.60	.07	1.03	2	1
FBC UM-2254	1	34	3	29	.1	35	7	279	1.85	3	2	ND	2	10	1	2	2	35	1.02	.08	7	69	.83	172	.08	2	1.14	.15	.14	2	1
FBC UM-2255	1	45	2	26	.1	33	7	201	1.83	5	2	ND	2	5	1	2	2	38	.79	.07	5	58	.80	73	.08	7	1.03	.12	.21	2	1
FBC UM-2256	1	4	3	63	.1	16	6	293	1.85	2	2	ND	2	11	1	2	2	18	.26	.03	11	56	.53	101	.06	5	1.08	.05	.31	2	1
FBC UM-2257	1	4	3	52	.1	13	4	314	1.66	3	5	ND	2	12	1	2	2	23	.16	.03	7	62	.38	187	.09	5	1.00	.06	.63	2	1
FBC UM-2258	1	49	2	45	.1	34	10	361	2.66	7	2	ND	2	6	1	2	2	56	.81	.06	12	37	1.09	183	.12	6	1.58	.08	.57	2	2
FBC UM-2259	1	101	4	89	.1	50	12	513	3.52	5	2	ND	3	4	1	2	2	66	.45	.05	16	70	1.43	304	.17	8	2.37	.06	1.41	2	4
FBC UM-2260	1	19	8	137	.2	11	5	345	2.77	4	2	ND	3	4	1	2	2	21	.24	.02	21	56	.84	105	.09	18	1.87	.06	.84	2	1
FBC UM-2261	1	4	5	43	.2	6	2	391	1.55	4	2	ND	3	8	1	2	2	7	.18	.02	17	60	.64	53	.08	19	1.48	.09	.72	2	1
FBC UM-2262	1	73	5	284	.2	21	7	428	3.34	8	2	ND	2	13	1	2	2	64	.77	.06	13	64	1.07	183	.15	4	2.62	.13	1.01	2	1
FBC UM-2263	2	3	5	49	.1	5	1	249	2.04	4	2	ND	3	6	1	2	2	4	.30	.02	20	62	.48	81	.09	13	1.29	.05	.77	2	1
FBC UM-2264	1	4	3	43	.1	19	7	292	1.95	5	2	ND	2	5	1	2	2	35	1.19	.07	12	72	.69	38	.37	3	.99	.08	.14	2	1
FBC UM-2265	1	10	3	73	.1	25	6	644	2.29	3	2	ND	5	5	1	2	2	29	1.05	.02	21	64	.86	148	.10	9	1.58	.06	.83	2	1
FBC UM-2266	1	71	5	70	.1	52	18	515	3.50	11	2	ND	3	19	1	4	2	70	.96	.06	17	89	1.49	416	.16	4	2.46	.11	1.33	2	1
FBC UM-2267	1	19	3	62	.1	38	9	436	2.94	5	2	ND	4	8	1	2	2	59	.45	.03	23	77	1.10	318	.13	7	2.01	.07	1.14	2	1
FBC UM-2268	1	4	6	56	.1	9	1	301	1.13	3	2	ND	5	5	1	2	2	7	.29	.01	22	80	.26	64	.04	8	.69	.05	.30	2	1
FBC UM-2269	1	26	15	58	.1	42	10	356	3.42	13	2	ND	4	137	1	2	2	57	1.20	.06	19	139	1.24	40	.20	6	2.33	.04	.08	2	1
FBC UM-2270	1	20	6	75	.1	22	8	559	2.67	8	5	ND	2	15	1	2	2	44	.33	.03	7	63	1.03	151	.15	4	2.07	.14	.97	2	1
FBC UM-2271	1	4	10	104	.1	17	7	488	2.31	2	5	ND	2	72	1	2	2	44	1.85	.02	10	61	.92	249	.14	2	5.00	.55	1.23	2	1
FBC UM-2272	2	12	5	34	.1	6	1	246	1.06	3	2	ND	3	17	1	2	2	2	.88	.01	24	82	.35	43	.04	6	1.46	.07	.31	2	1
FBC UM-2273	1	7	10	10	.5	3	1	42	.50	2	2	ND	3	4	1	2	2	2	.87	.01	7	96	.04	26	.01	4	.34	.04	.15	2	1
FBC UM-2274	1	20	3	71	.1	32	9	388	2.79	10	2	ND	2	14	1	2	2	49	.61	.05	11	65	.95	258	.13	2	1.82	.06	.75	2	1
FBC UM-2275	1	24	5	71	.1	34	9	412	2.99	9	2	ND	2	12	1	2	2	33	.30	.04	7	69	.89	218	.16	9	1.86	.07	.92	2	1
FBC UM-2276	1	5	3	52	.1	21	6	312	2.34	4	3	ND	2	7	1	2	2	28	.15	.03	8	62	.54	64	.12	8	1.43	.06	.92	2	1
FBC UM-2277	1	4	4	65	.1	6	2	381	2.26	4	2	ND	4	9	1	2	2	7	.56	.05	21	74	.33	167	.09	5	1.14	.04	.63	2	1
STD A-1/FA-AU	1	31	38	185	.3	36	11	966	2.79	11	2	ND	2	36	1	2	2	56	.58	.10	8	76	.69	271	.08	8	2.07	.02	.20	2	51

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	XI PPH	CO PPH	NI PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CO PPH	SO PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	AL %	NA %	K %	M PPH	AUT PPH
FBC UM-2278	1	30	7	77	.1	19	8	381	2.79	9	2	ND	2	14	1	2	2	50	.29	.04	3	70	1.06	190	.14	2	1.96	.26	1.10	2	1
FBC UM-2279	1	18	2	62	.1	23	8	490	2.87	11	2	ND	3	7	1	2	2	45	.32	.04	10	70	1.11	229	.18	2	1.71	.13	1.14	2	1
FBC UM-2280	1	1	3	16	.1	8	2	111	.62	2	4	ND	2	3	1	2	2	7	.12	.03	6	49	.20	79	.03	2	.69	.64	.42	2	1
FBC UM-2281	1	66	3	28	.1	9	3	261	2.04	4	2	ND	2	20	1	2	2	35	.53	.03	8	65	.31	42	.08	2	.70	.13	.13	2	9
FBC UM-2282	1	5	2	43	.1	7	1	515	1.32	4	2	ND	7	9	1	2	2	9	.36	.01	24	90	.18	116	.08	4	.70	.10	.38	2	1
FBC UM-2283	1	36	6	171	.1	14	6	526	2.56	9	4	ND	2	14	1	2	2	41	.23	.03	4	66	.82	219	.10	11	1.82	.18	1.23	2	4
FBC UM-2284	1	24	4	62	.1	6	1	286	1.94	4	2	ND	2	12	1	3	2	27	.12	.04	2	74	.30	122	.11	2	.97	.12	.61	2	1
FBC UM-2285	1	3	11	89	.1	20	9	547	2.90	7	2	ND	2	66	1	2	2	41	1.27	.03	5	66	1.10	315	.17	12	3.98	.56	1.37	2	1
FBC UM-2286	1	6	5	70	.1	7	2	439	2.51	6	2	ND	5	12	1	2	2	7	.47	.03	26	67	.54	159	.15	7	1.46	.11	.97	2	1
FBC UM-2287	1	22	4	48	.1	5	1	407	1.91	8	2	ND	5	9	1	2	2	4	.32	.03	20	81	.21	114	.10	2	1.00	.10	.51	2	1
FBC UM-2288	1	5	6	72	.1	5	2	515	2.82	11	4	ND	4	5	1	2	2	8	.23	.04	3	70	.61	152	.18	9	1.55	.09	.85	2	1
FBC UM-2289	1	3	4	62	.1	5	3	464	2.41	8	2	ND	4	3	1	2	2	7	.13	.04	7	64	.56	111	.14	7	1.38	.08	.91	2	1
FBC UM-2290	1	3	4	87	.1	5	3	417	2.51	8	2	ND	5	18	1	2	2	6	.32	.04	28	58	.27	148	.12	6	1.12	.09	.57	2	1
FBC UM-2291	1	5	6	55	.1	6	3	328	2.84	11	2	ND	6	10	1	2	2	8	.50	.03	23	65	.45	98	.14	2	1.72	.15	.62	2	1
FBC UM-2292	1	2	6	50	.1	19	6	652	2.71	10	2	ND	2	14	1	4	2	43	.48	.04	6	57	1.04	55	.14	8	1.58	.13	.53	2	2
FBC UM-2293	1	3	4	48	.2	4	1	179	.98	2	2	ND	8	3	1	2	2	2	.24	.01	15	75	.26	43	.01	18	.56	.10	.16	2	1
FBC UM-2294	1	99	11	81	.2	39	20	378	4.05	13	2	ND	2	13	1	2	2	83	1.64	.16	9	81	1.69	452	.20	2	3.23	.25	1.94	2	1
FBC UM-2295	1	3	4	23	.1	8	2	178	1.18	3	3	ND	5	6	1	2	2	5	.97	.01	5	76	.16	77	.06	5	.67	.05	.46	2	1
FBC UM-2296	1	22	4	109	.1	32	8	547	3.08	13	2	ND	3	16	1	2	2	48	.46	.03	9	71	.96	261	.18	2	1.83	.14	1.17	2	1
FBC UM-2297	2	26	5	31	.1	4	2	266	1.45	2	5	ND	5	12	1	2	2	2	.16	.01	14	74	.41	92	.06	2	.99	.10	.59	2	1
FBC UM-2298	1	10	4	44	.1	5	2	386	1.96	4	2	ND	7	15	1	2	2	3	.53	.02	32	66	.25	79	.09	2	1.08	.11	.67	2	1
FBC UM-2299	1	3	4	62	.1	14	6	323	2.09	3	2	ND	2	8	1	2	2	29	.20	.03	8	70	.30	132	.10	4	1.02	.10	.56	2	1
FBC UM-2300	1	6	6	81	.1	29	9	350	2.39	8	2	ND	2	22	1	2	2	47	.97	.08	10	80	1.09	243	.14	2	1.88	.29	.73	2	1
FBC UM-2301	1	7	9	182	.1	20	10	567	2.78	4	8	ND	2	2	1	4	2	30	.12	.02	6	51	1.44	90	.10	2	2.01	.06	.66	2	1
FBC UM-2302	1	38	6	55	.1	19	8	347	2.20	7	2	ND	2	11	1	2	2	40	.47	.04	8	57	.78	208	.14	2	1.38	.18	.79	2	1
FBC UM-2303	1	12	3	22	.1	5	4	215	2.43	6	3	ND	5	6	1	2	2	9	.23	.04	20	64	.33	90	.10	4	1.00	.08	.26	2	1
FBC UM-2304	1	16	3	64	.1	9	5	430	2.37	8	6	ND	3	8	1	2	2	25	.13	.03	3	69	.67	159	.13	4	1.38	.12	.90	2	1
FBC UM-2305	1	86	6	65	.2	10	16	420	3.42	12	2	ND	4	8	1	2	2	24	.26	.07	17	63	.76	240	.18	2	1.61	.09	.98	2	1
FBC UM-2306	1	90	6	76	.1	7	9	704	3.14	3	12	ND	4	24	1	2	2	4	1.57	.02	16	64	1.23	41	.07	2	2.43	.17	.37	2	1
FBC UM-2307	1	4	3	33	.1	14	6	258	2.49	8	5	ND	2	13	1	2	2	30	.24	.04	4	67	.76	195	.15	2	1.50	.11	.93	2	1
FBC UM-2308	1	9	3	66	.1	15	6	375	2.58	11	4	ND	2	8	1	2	2	32	.13	.04	2	63	.72	350	.15	2	1.56	.11	1.17	2	1
FBC UM-2309	1	7	4	196	.1	10	6	855	2.88	9	3	ND	2	9	1	3	2	25	.20	.04	2	59	.79	87	.10	9	1.63	.08	.77	2	1
FBC UM-2310	1	3	1	52	.1	5	2	398	2.27	7	5	ND	3	6	1	2	2	10	.11	.02	2	75	.20	81	.10	6	.76	.09	.50	2	2
FBC UM-2311	1	10	4	52	.2	4	1	291	2.26	5	5	ND	4	2	1	3	2	4	.06	.02	14	58	.49	131	.18	2	1.21	.07	.85	2	1
FBC UM-2312	1	9	14	41	.2	11	5	410	2.18	2	10	ND	3	84	1	4	3	57	3.14	.05	11	49	1.56	236	.14	2	6.10	.34	1.35	2	1
FBC UM-2313	1	11	5	55	.1	16	7	336	2.30	6	2	ND	2	12	1	2	2	36	.48	.03	7	57	.79	127	.09	2	1.38	.16	.42	2	1

SAMPLE#	NO PPH	CU PPH	PD PPH	ZN PPH	MO PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	BB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	NO %	BA PPH	TI %	B PPH	ML %	MA %	K %	U PPH	TH PPH
FBC UM-2314	1	60	5	89	.1	4	2	170	1.70	3	2	ND	4	9	1	2	2	2	.07	.01	7	87	.13	55	.04	28	.67	.04	.31	2	1
FBC UM-2315	1	3	1	38	.1	16	10	393	2.35	11	2	ND	7	14	1	2	2	24	.26	.03	3	96	.83	196	.16	40	1.99	.19	1.19	2	1
FBC UM-2316	1	3	1	43	.1	10	3	396	2.29	10	3	ND	2	7	1	2	2	37	.17	.03	7	102	.94	169	.18	31	1.77	.10	1.19	2	1
FBC UM-2317	2	5	2	234	.2	6	3	514	2.59	12	2	ND	3	8	1	2	2	19	.15	.03	3	80	.44	353	.16	35	1.37	.08	.89	2	1
FBC UM-2318	1	8	4	41	.1	5	3	351	2.48	12	2	ND	2	15	1	2	2	8	.26	.03	3	71	.24	143	.14	29	1.07	.07	.45	2	1
FBC UM-2319	1	4	1	11	.1	6	5	442	1.75	8	2	ND	4	12	1	2	2	7	1.28	.03	26	73	.63	45	.13	36	2.01	.06	.20	2	21
FBC UM-2320	1	2	2	36	.1	15	6	265	2.12	8	2	ND	2	10	1	2	2	29	.24	.02	4	75	.84	111	.14	30	1.75	.11	.95	2	1
FBC UM-2321	1	5	3	42	.1	5	2	389	2.52	11	2	ND	3	8	1	2	2	8	.23	.03	5	76	.27	72	.11	41	.91	.06	.34	2	1
FBC UM-2322	1	5	4	28	.1	7	3	140	1.08	5	4	ND	2	8	1	2	2	8	.12	.03	2	73	.15	77	.04	27	.66	.04	.37	2	1
FBC UM-2323	1	13	3	78	.1	11	4	426	2.39	8	3	ND	2	6	1	2	2	33	.16	.02	4	74	.37	80	.14	34	1.19	.07	.48	2	1
FBC UM-2324	1	16	4	52	.2	17	9	256	2.15	11	2	ND	2	11	1	2	2	35	.36	.02	7	69	.81	232	.10	32	1.46	.13	.73	2	1
FBC UM-2325	1	14	4	34	.1	5	3	400	3.01	8	2	ND	3	6	1	2	2	10	.14	.03	8	66	.37	230	.16	31	1.10	.08	.70	2	1
FBC UM-2326	1	3	4	52	.1	10	4	403	1.80	11	4	ND	2	10	1	2	2	24	.12	.02	2	69	.53	132	.14	33	1.24	.08	.80	2	1
FBC UM-2327	1	10	3	39	.1	17	7	380	2.36	15	2	ND	2	11	1	2	2	37	.18	.03	2	71	.80	230	.16	29	1.80	.11	1.15	2	1
FBC UM-2328	1	8	25	37	.1	15	6	334	2.00	12	3	ND	2	6	1	2	2	32	.14	.03	11	77	.61	170	.15	51	1.37	.08	.92	2	1
FBC UM-2329	1	5	4	89	.1	32	12	556	2.99	13	2	ND	2	7	1	2	2	45	.13	.04	2	75	.56	216	.18	31	1.72	.08	1.14	2	1
FBC UM-2330	1	2	2	74	.1	19	10	451	2.45	12	2	ND	2	13	1	2	2	41	.26	.02	2	34	.94	191	.18	29	1.74	.10	1.16	2	1
FBC UM-2331	1	3	4	50	.1	4	2	351	2.02	10	2	ND	3	7	1	2	2	5	.15	.02	20	60	.49	101	.13	32	1.27	.06	.87	2	1
FBC UM-2332	1	2	4	60	.1	6	3	1340	3.08	13	2	ND	5	11	1	2	2	15	.41	.03	31	60	.53	279	.18	31	1.79	.08	.97	2	1
FBC UM-2333	1	24	2	44	.1	5	5	340	2.41	10	2	ND	3	11	1	2	2	23	.27	.04	14	75	.74	94	.11	33	1.21	.06	.37	2	1
FBC UM-2334	1	8	3	32	.1	10	3	307	1.85	11	3	ND	2	7	1	2	2	25	.10	.02	2	81	.55	136	.13	29	1.23	.08	.81	2	1
FBC UM-2335	1	17	2	31	.1	10	7	528	2.19	7	3	ND	2	8	1	2	2	18	.13	.02	2	88	.61	66	.10	31	1.47	.08	.96	2	1
FBC UM-2336	1	30	2	34	.1	15	6	389	2.32	11	2	ND	2	13	1	3	2	33	.23	.03	9	73	.67	137	.16	29	1.56	.08	1.00	2	1
FBC UM-2337	1	7	6	46	.1	13	5	330	1.95	15	2	ND	2	13	1	2	2	30	.21	.03	9	73	.75	91	.15	33	1.51	.09	.97	2	1
FBC UM-2338	1	4	4	32	.1	9	3	290	1.66	9	3	ND	2	7	1	2	2	25	.11	.02	2	95	.45	73	.12	34	1.08	.07	.70	2	1
FBC UM-2339	1	3	4	93	.1	25	12	538	6.10	12	2	ND	2	5	1	2	2	47	.12	.04	2	70	.45	281	.18	32	1.95	.06	1.26	2	1
FBC UM-2340	1	8	4	64	.1	24	11	384	2.87	12	2	ND	2	9	1	7	2	40	.16	.04	3	79	.36	217	.14	38	1.30	.07	.75	2	2
FBC UM-2341	1	13	3	118	.1	4	1	458	2.04	9	5	ND	3	3	1	2	2	6	.07	.02	2	84	.29	199	.12	34	1.07	.06	.67	2	1
FBC UM-2342	1	2	6	4	.1	3	1	284	.35	4	9	2	2	1	1	2	5	2	.01	.01	2	79	.01	21	.01	32	.21	.04	.13	2	1
FBC UM-2343	1	5	4	45	.1	10	4	669	1.90	12	5	ND	2	8	1	2	2	27	.10	.02	3	69	.55	77	.14	33	1.21	.07	.86	2	1
FBC UM-2344	1	8	2	52	.1	18	8	235	2.52	11	2	ND	2	7	1	2	2	35	.18	.04	2	84	.27	201	.14	32	1.17	.08	.45	2	1
FBC UM-2345	1	28	4	77	.1	24	11	615	2.63	15	2	ND	2	9	1	2	2	46	.53	.03	5	70	.98	109	.13	34	1.73	.08	.49	2	1
FBC UM-2346	1	28	4	46	.2	17	8	319	2.06	9	2	ND	2	8	1	2	2	34	.55	.03	4	68	.75	152	.10	30	1.31	.13	.51	2	2
FBC UM-2347	1	14	3	31	.1	5	3	346	2.30	10	4	ND	4	12	1	2	2	6	.19	.02	16	77	.37	325	.11	33	.98	.09	.49	2	1
FBC UM-2348	1	5	1	57	.1	5	2	446	2.04	9	2	NR	3	7	1	2	2	10	.14	.02	4	83	.22	107	.12	43	.84	.08	.54	2	1
FBC UM-2349	1	2	5	28	.1	25	8	478	2.64	14	2	ND	2	4	1	5	2	39	.26	.03	5	71	2.07	235	.17	32	2.94	.08	1.56	2	1
FBC UM-2350	1	5	8	34	.1	15	8	391	2.43	7	4	ND	2	7	1	2	2	46	.10	.93	3	68	1.83	229	.14	24	2.81	.11	1.42	2	1
STD A-1/FA-AU	1	31	39	182	.3	35	12	974	2.71	10	2	ND	2	35	1	2	2	57	.59	.10	7	75	.70	270	.08	7	2.02	.02	.20	2	53

SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	V PPH	AI PPH	TH PPH	SR PPH	CO PPH	SO PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	S PPH	ML %	MA %	K %	U PPH	ROT PPH
FBC UM-2351	1	12	1	21	.1	11	3	299	2.39	6	3	ND	2	9	1	2	2	32	.10	.02	2	68	.71	233	.16	2	1.70	.17	1.06	2	2
FBC UM-2352	1	3	2	49	.1	15	4	535	3.52	5	2	ND	2	5	1	2	2	40	.10	.02	2	75	.96	173	.15	3	2.11	.10	1.57	2	1
FBC UM-2353	1	7	1	31	.1	5	2	349	2.89	7	2	ND	2	6	1	2	2	31	.15	.03	4	80	.33	193	.14	1	.98	.12	.66	2	1
FBC UM-2354	1	2	1	30	.1	5	1	393	1.45	3	2	ND	3	8	1	2	2	3	.39	.02	13	84	.86	87	.12	2	1.37	.12	.74	2	1
FBC UM-2355	1	10	1	39	.1	7	3	362	2.13	5	2	ND	3	8	1	2	2	11	.40	.02	7	65	.49	184	.13	2	1.21	.14	.66	2	1
FBC UM-2356	1	19	1	20	.2	5	1	253	1.40	5	3	ND	4	5	1	2	2	2	.15	.01	3	97	.13	67	.08	5	.37	.10	.24	2	1
FBC UM-2357	1	3	1	37	.1	12	2	375	2.10	3	2	ND	2	7	1	2	2	25	.13	.02	3	85	.52	89	.13	4	1.25	.11	.87	2	1
FBC UM-2358	1	4	1	57	.1	6	2	545	3.23	7	2	ND	3	6	1	2	2	8	.16	.03	18	76	.27	97	.14	7	1.03	.12	.71	2	1
FBC UM-2359	1	14	4	58	.1	19	9	545	3.86	8	2	ND	2	16	-1	2	2	50	.99	.07	16	72	1.01	34	.18	2	2.05	.15	.14	2	1
FBC UM-2360	1	4	1	58	.1	6	1	555	2.87	8	2	ND	3	7	1	2	2	8	.27	.02	20	67	.32	170	.17	2	1.44	.09	.74	2	1
FBC UM-2361	1	2	2	42	.1	6	2	480	2.97	3	2	ND	3	8	1	2	2	7	.25	.03	19	74	.10	231	.14	6	1.11	.11	.64	2	1
FBC UM-2362	1	32	1	77	.1	21	9	745	2.74	5	2	ND	2	6	1	2	2	44	.32	.03	4	68	.88	203	.16	9	1.68	.13	1.07	2	1
FBC UM-2363	1	10	1	24	.1	5	2	232	1.69	4	2	ND	3	3	1	2	2	7	.10	.01	10	77	.30	152	.08	7	.88	.10	.53	2	52
FBC UM-2364	1	4	1	30	.2	4	1	271	1.34	4	2	ND	5	7	1	2	2	2	.08	.01	10	85	.11	96	.09	18	.61	.14	.38	2	1
FBC UM-2365	1	3	1	37	.1	11	4	371	1.88	7	3	ND	2	6	1	2	2	14	.12	.02	3	76	.72	120	.10	2	1.35	.09	.92	2	1
FBC UM-2366	1	137	10	185	.1	24	11	1182	4.83	2	11	ND	2	63	2	2	2	45	2.38	.02	5	65	1.89	326	.14	2	7.30	.51	2.70	2	1
FBC UM-2367	1	7	1	49	.1	30	7	554	2.52	9	2	ND	2	7	1	2	2	53	.23	.04	3	92	.51	147	.16	8	1.54	.11	.87	2	2
FBC UM-2368	1	28	1	57	.1	28	9	437	3.02	10	2	ND	2	14	1	2	2	52	.29	.02	6	69	1.18	254	.19	2	2.17	.17	1.54	2	1
FBC UM-2369	1	10	1	44	.1	21	8	378	2.66	4	2	ND	2	9	1	2	2	35	.36	.03	9	67	.58	219	.15	18	1.94	.23	1.14	2	1
FBC UM-2370	1	3	1	61	.1	6	2	389	2.77	4	2	ND	2	7	1	2	2	11	.21	.03	9	70	.31	196	.12	6	.91	.10	.46	2	1
FBC UM-2371	1	12	10	42	.1	20	6	445	2.61	4	6	ND	2	44	1	2	2	43	1.70	.02	5	59	1.59	103	.16	2	4.26	.39	.56	2	1
FBC UM-2372	1	6	1	67	.1	25	9	428	2.92	9	2	ND	2	12	1	2	2	55	.35	.04	5	76	.78	241	.19	14	1.87	.14	1.26	2	1
FBC UM-2373	1	21	6	52	.1	10	6	308	2.12	6	2	ND	3	19	1	2	5	8	.48	.02	20	86	.35	90	.10	16	1.04	.11	.33	2	1
FBC UM-2374	1	10	1	43	.1	15	5	351	1.92	3	2	ND	2	67	1	2	2	24	1.02	.03	10	77	.54	202	.11	2	2.61	.38	.69	2	1
FBC UM-2375	1	4	1	58	.1	19	6	587	2.83	2	2	ND	2	5	1	2	2	26	.15	.03	8	78	.89	238	.13	15	1.92	.12	1.22	2	1
FBC UM-2376	1	9	2	52	.1	18	6	252	2.37	4	2	ND	2	6	1	2	2	25	.10	.02	1	68	.52	177	.12	13	1.38	.08	.94	2	1
FBC UM-2377	1	3	1	43	.1	18	8	253	2.23	5	2	ND	2	7	1	2	2	39	.23	.03	4	60	.92	261	.14	11	1.45	.13	.96	2	1
FBC UM-2378	1	2	4	76	.1	21	8	573	3.40	11	2	ND	2	4	1	3	2	51	.11	.03	3	58	1.07	458	.18	11	2.03	.10	1.34	2	1
FBC UM-2379	1	4	3	93	.1	24	10	604	3.18	9	2	ND	2	8	1	2	2	51	.16	.02	4	65	1.00	350	.18	14	1.94	.13	1.35	2	1
FBC UM-2380	1	32	2	52	.1	17	5	357	2.84	8	2	ND	2	6	1	2	2	45	.16	.03	6	62	1.02	175	.16	10	1.85	.10	.96	2	1
FBC UM-2381	1	37	2	71	.1	40	9	331	2.88	3	2	ND	2	9	1	2	2	63	.76	.06	5	72	.66	28	.10	6	1.46	.25	.06	2	1
FBC UM-2382	1	80	3	42	.1	44	12	460	2.89	5	9	ND	2	32	1	2	2	99	2.25	.05	4	75	1.15	23	.11	8	3.07	.50	.04	2	3
FBC UM-2383	1	3	1	76	.1	23	4	570	1.98	4	2	ND	4	8	1	2	2	21	.83	.02	25	67	.55	118	.08	18	1.03	.10	.70	2	1
FBC UM-2384	1	2	1	18	.1	5	1	158	.90	2	2	ND	5	4	1	2	2	2	.10	.01	11	88	.06	56	.02	8	.32	.08	.15	2	1
FBC UM-2385	1	1	2	24	.1	6	1	203	.75	2	2	ND	6	3	1	2	2	2	.19	.01	23	71	.39	34	.02	2	.84	.03	.24	2	1
FBC UM-2386	1	32	1	31	.1	16	5	133	1.40	2	2	ND	2	6	1	2	2	38	.63	.10	9	58	.47	22	.08	6	.82	.14	.04	2	1
FBC UM-2387	1	2	1	44	.1	4	1	182	1.16	2	2	ND	3	4	1	2	2	2	.63	.01	3	68	.06	76	.03	10	.43	.10	.28	2	1
STD A-1/FA-AU	1	31	38	107	.3	36	11	976	2.78	11	2	ND	2	35	1	2	2	56	.60	.10	7	74	.78	273	.08	7	2.00	.02	.21	2	56

SAMPLE#	NO PPH	CU PPH	PB PPH	ZK PPH	AG PPH	NI PPH	CO PPH	WM PPH	FE %	AS PPH	U PPH	MU PPH	TH PPH	BR PPH	CD PPH	SD PPH	SI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	S PPH	AL %	MA %	R %	U PPH	MUT PPH
FBC UM-2388	1	360	1	84	.1	74	25	595	4.76	0	2	ND	2	5	1	2	2	88	1.43	.03	4	110	1.21	326	.15	2	2.85	.15	.48	2	14
FBC UM-2389	1	164	1	74	.3	69	17	751	3.19	9	11	ND	2	15	1	2	2	70	2.66	.04	4	110	.87	35	.11	2	2.89	.11	.20	2	7
FBC UM-2390	1	9	4	138	.1	35	11	388	2.71	9	2	ND	2	4	1	2	2	59	.90	.10	8	67	1.20	172	.13	11	1.84	.11	.66	2	1
FBC UM-2391	1	11	3	44	.1	17	8	409	2.87	6	3	ND	2	10	1	2	2	40	1.49	.13	8	43	.74	24	.08	6	1.60	.17	.06	2	1
FBC UM-2392	1	24	3	49	.1	7	4	227	2.52	4	2	ND	2	6	1	2	2	40	.47	.14	9	43	.50	56	.08	2	1.08	.07	.31	2	1
FBC UM-2393	1	8	7	58	.2	11	3	393	1.61	6	2	ND	4	8	1	3	2	19	.29	.01	15	37	.39	67	.06	2	1.21	.04	.59	2	2
FBC UM-2394	1	49	2	50	.1	41	10	482	2.66	10	11	ND	2	16	1	2	2	46	2.32	.06	10	54	1.18	150	.11	2	4.01	.28	.49	2	1
FBC UM-2395	1	6	3	47	.1	5	1	243	1.19	3	2	ND	5	5	1	2	2	2	.22	.01	15	69	.12	72	.02	16	.49	.04	.29	2	1
FBC UM-2396	1	3	3	21	.1	6	1	321	1.05	2	2	ND	5	6	1	2	2	2	.33	.01	23	73	.04	69	.01	11	.33	.05	.15	2	1
FBC UM-2397	1	4	6	69	.1	14	2	330	1.56	6	2	ND	4	7	1	3	2	11	.21	.02	15	75	.45	99	.07	12	1.02	.04	.67	2	1
FBC UM-2398	1	13	4	109	.1	34	12	569	3.89	15	2	ND	2	12	1	2	2	65	1.04	.06	15	85	1.37	393	.20	4	2.91	.12	1.42	2	1
FBC UM-2399	1	23	2	24	.1	34	8	200	1.65	5	2	ND	2	11	1	3	2	37	.91	.06	4	44	.80	116	.09	12	1.15	.12	.17	2	1
FBC UM-2400	1	15	3	26	.1	34	7	233	1.72	6	2	ND	2	7	1	2	2	36	.89	.06	7	68	.84	67	.08	5	1.08	.10	.13	2	1
STD A-1/FA-AU	1	30	39	186	.3	37	11	979	2.71	11	2	ND	2	37	1	3	2	56	.61	.09	7	73	.71	273	.08	7	2.00	.02	.20	2	30
FBC UM-2401	3	18	1	33	.1	43	9	257	2.12	4	2	ND	2	9	1	3	2	39	.98	.08	9	63	1.09	145	.09	12	1.38	.13	.37	2	1
FBC UM-2402	8	17	2	36	.1	44	9	231	2.19	11	2	ND	2	12	1	2	2	43	1.16	.08	9	70	1.23	41	.11	10	1.61	.10	.11	2	2
FBC UM-2403	1	15	3	25	.1	30	7	183	1.64	3	2	ND	2	5	1	2	2	38	.86	.08	9	37	.82	49	.07	8	.96	.10	.09	2	1
FBC UM-2404	1	13	1	20	.1	27	6	211	1.62	4	2	ND	2	6	1	2	2	42	1.02	.08	5	49	.73	25	.07	3	1.01	.11	.05	2	1
FBC UM-2405	1	55	3	33	.1	39	8	185	1.82	11	2	ND	2	13	1	2	2	38	.79	.07	9	55	.93	218	.10	7	1.22	.10	.43	2	1
FBC UM-2406	1	6	5	90	.1	5	1	232	1.18	2	2	ND	5	2	1	2	2	2	.07	.01	18	66	.29	52	.03	10	.61	.04	.32	2	1
FBC UM-2407	1	7	5	47	.1	5	1	228	.99	2	2	ND	5	6	1	2	2	2	.29	.01	34	68	.19	46	.01	8	.53	.04	.25	2	1
FBC UM-2408	1	107	2	37	.4	21	7	299	2.19	11	2	ND	2	32	1	2	2	38	1.31	.03	3	66	1.04	121	.11	4	3.60	.18	.95	2	10
FBC UM-2409	1	34	4	60	.1	33	10	356	2.96	10	2	ND	2	11	1	2	2	44	.47	.04	6	76	.95	202	.12	9	2.21	.09	.88	2	1
FBC UM-2410	1	21	36	49	1.5	40	7	151	1.26	5	2	ND	7	7	1	3	2	4	.18	.04	16	39	.26	81	.03	2	1.04	.04	.22	2	2
FBC UM-2411	1	5	5	34	.1	8	3	374	1.39	4	2	ND	4	12	1	2	2	9	1.08	.02	13	48	.57	91	.06	2	1.80	.04	.36	2	1
FBC UM-2412	1	55	5	70	.2	15	8	461	3.52	12	19	ND	2	97	1	2	2	59	3.23	.09	13	37	.75	267	.10	2	4.61	.33	.55	2	2
FBC UM-2413	1	6	8	64	.2	8	3	328	1.64	9	2	ND	4	59	1	2	2	11	1.04	.03	27	48	.36	117	.09	9	2.52	.23	.63	2	1
FBC UM-2414	1	14	6	52	.1	9	3	458	2.03	8	10	ND	3	46	1	2	2	16	2.43	.02	24	53	1.13	216	.09	3	5.11	.15	1.23	2	3
FBC UM-2415	1	3	1	21	.1	5	1	375	1.15	5	19	ND	3	24	1	2	2	7	3.02	.02	18	55	.73	89	.06	2	2.93	.04	.23	2	1
FBC UM-2416	1	2	1	81	.1	5	2	415	2.41	7	2	ND	3	7	1	2	2	6	.67	.03	20	48	.53	122	.12	4	1.39	.04	.63	2	1
FBC UM-2417	1	57	6	83	.1	37	11	382	3.26	11	2	ND	2	39	1	2	2	50	.94	.02	8	68	.79	188	.13	7	3.34	.25	.99	2	2
FBC UM-2418	1	32	7	52	.2	16	10	407	2.54	6	11	ND	2	42	1	2	2	36	2.25	.02	6	53	1.12	182	.08	4	3.39	.10	.56	2	2
FBC UM-2419	1	53	7	49	.1	20	12	495	2.71	9	14	ND	2	53	1	2	2	40	2.57	.02	6	52	1.08	164	.13	2	4.13	.15	.79	2	1
FBC UM-2420	1	2	3	37	.1	8	3	622	1.87	7	21	ND	3	22	1	2	2	8	3.52	.02	20	53	.88	98	.06	2	2.80	.03	.29	2	2
FBC UM-2421	1	5	4	63	.1	15	14	488	3.79	5	2	ND	2	15	1	2	2	49	1.13	.11	9	35	1.92	47	.11	2	2.89	.03	.20	2	5
FBC UM-2422	1	20	4	56	.1	12	11	271	3.25	8	2	ND	2	9	1	2	2	89	.34	.10	13	29	1.09	397	.12	9	1.48	.06	.73	2	1
FBC UM-2423	1	11	3	42	.2	13	2	574	1.85	9	13	ND	3	53	1	2	2	10	2.55	.02	17	61	1.17	137	.06	4	3.84	.07	.76	2	2
FBC UM-2424	1	2	2	50	.1	6	2	399	2.09	4	2	ND	3	7	1	2	2	7	.73	.03	19	31	.42	76	.06	4	.98	.04	.33	2	1

UMEX FILE # B4-0402C

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	V PPH	NI PPH	TR PPH	SR PPH	CD PPH	BB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MO %	BA PPH	TI %	B PPH	AL %	MA %	K %	B PPH	ADP PPH
FBC UM-2425	1	1	1	7	.1	4	1	101	.62	2	2	ND	4	5	1	2	2	2	.50	.01	19	69	.10	57	.01	9	.58	.04	.13	2	2
FBC UM-2426	1	8	3	36	.1	13	8	293	3.91	13	2	ND	2	63	1	2	2	78	1.59	.10	13	41	.97	259	.14	8	3.82	.62	1.15	2	1
FBC UM-2427	1	7	6	44	.1	13	3	534	1.90	7	16	ND	2	56	1	2	2	23	2.77	.02	7	53	.88	58	.07	10	3.48	.33	.26	2	1
FBC UM-2428	1	6	2	38	.2	7	3	235	1.54	6	2	ND	4	17	1	2	2	10	.67	.03	23	54	.31	37	.07	9	1.76	.23	.43	2	1
FBC UM-2429	1	8	5	62	.1	5	2	470	2.31	7	2	ND	3	5	1	2	2	6	.29	.04	8	54	.73	76	.11	7	1.58	.07	.29	2	1
FBC UM-2430	1	2	4	47	.1	6	2	398	1.72	7	2	ND	3	10	1	2	2	7	.63	.02	18	84	.51	142	.05	4	1.36	.11	.42	2	2
FBC UM-2431	1	8	2	55	.1	8	4	451	2.21	8	2	ND	3	11	1	2	2	15	1.03	.03	7	63	.48	57	.08	9	2.05	.02	.31	2	1
FBC UM-2432	1	27	3	64	.2	36	12	494	3.30	13	2	ND	2	15	1	2	2	67	1.48	.07	13	87	1.41	305	.13	5	2.30	.21	1.02	2	2
FBC UM-2433	1	9	9	40	.2	17	4	340	1.54	9	2	ND	3	41	1	2	2	16	1.26	.02	20	58	.47	64	.07	9	2.87	.45	.65	2	1
FBC UM-2434	1	12	22	9	.1	25	7	142	2.52	6	2	ND	2	3	1	2	2	44	.17	.07	10	87	.32	107	.08	7	1.23	.05	.53	2	35
FBC UM-2435	1	2	4	33	.2	9	3	183	1.78	6	2	ND	3	4	1	2	2	6	.11	.03	18	66	.50	111	.06	6	1.22	.06	.50	2	10
FBC UM-2436	1	2	3	6	.1	11	2	64	.79	2	3	ND	3	3	1	2	2	2	.06	.02	24	62	.08	34	.02	10	.39	.06	.17	2	1
FBC UM-2437	1	10	1	39	.1	11	6	316	2.77	13	2	ND	2	13	1	3	2	42	.42	.04	9	53	.94	145	.13	6	1.99	.19	.97	2	2
FBC UM-2438	1	13	9	34	.3	26	5	231	1.58	10	2	ND	3	13	1	2	2	33	.47	.05	23	54	.35	78	.10	7	1.55	.13	.62	2	1
FBC UM-2439	1	26	6	108	.3	16	8	485	3.49	9	15	ND	2	61	1	2	2	71	2.72	.04	10	43	1.27	333	.15	11	5.38	.21	1.22	2	5
FBC UM-2440	1	7	1	46	.1	12	7	245	2.16	12	2	ND	3	46	1	2	2	49	1.14	.05	17	42	.63	325	.13	5	3.02	.21	.91	2	3
FBC UM-2441	1	20	2	32	.1	26	12	149	3.27	7	2	ND	2	9	1	2	2	98	.21	.06	11	84	1.11	391	.13	5	2.18	.14	1.11	2	3
FBC UM-2442	1	16	6	106	.1	37	8	557	4.38	17	4	ND	3	94	1	2	2	73	1.53	.04	14	164	1.27	433	.22	3	5.29	.62	1.85	2	1
FBC UM-2443	1	3	7	57	.1	5	3	354	2.35	8	2	ND	3	30	1	2	2	14	.90	.06	12	54	.69	262	.11	6	2.91	.39	.84	2	1
FBC UM-2444	1	72	4	51	.1	96	18	254	2.67	76	2	ND	3	70	1	2	2	63	1.05	.06	16	135	1.07	165	.11	7	3.53	.35	.99	2	1
FBC UM-2445	1	11	1	58	.1	8	3	557	2.76	9	2	ND	3	10	1	2	2	9	.51	.03	22	58	.36	118	.11	6	1.23	.09	.77	2	1
FBC UM-2446	1	3	1	53	.1	5	1	265	1.88	4	3	ND	2	5	1	2	2	2	.06	.01	8	64	.17	59	.06	11	1.71	.07	.48	2	2
FBC UM-2447	1	10	4	62	.1	5	1	232	1.86	5	2	ND	4	19	1	2	2	2	.18	.01	20	64	.45	68	.06	5	1.33	.08	.64	2	1
FBC UM-2448	1	4	7	58	.1	12	5	409	2.75	13	16	ND	3	58	1	2	2	27	2.79	.02	17	59	.84	327	.11	2	5.39	.28	1.07	2	1
FBC UM-2449	1	2	1	90	.1	7	2	296	2.43	6	2	ND	3	12	1	2	2	6	.68	.03	22	63	.33	117	.11	4	1.65	.11	.66	2	1
FBC UM-2450	1	29	4	87	.1	23	8	630	3.97	12	2	ND	3	7	1	2	2	38	.48	.03	21	76	.89	174	.13	10	2.12	.10	1.21	2	2
FBC UM-2451	1	6	3	66	.1	15	5	397	2.66	9	2	ND	2	6	1	2	2	28	.30	.04	16	66	.43	94	.12	5	1.12	.09	.76	2	1
FBC UM-2452	1	7	2	51	.1	7	2	184	2.45	5	2	ND	3	4	1	2	2	9	.11	.03	14	52	.22	79	.08	3	.81	.09	.48	2	1
FBC UM-2453	1	2	1	58	.1	5	2	315	2.24	8	2	ND	3	5	1	2	2	7	.23	.03	19	51	.17	75	.09	7	.81	.09	.55	2	1
FBC UM-2454	1	7	2	36	.1	5	1	307	1.88	6	2	ND	2	7	1	2	2	6	.33	.03	13	56	.10	69	.06	6	.59	.07	.26	2	1
FBC UM-2455	1	2	3	35	.1	6	3	332	2.10	5	2	ND	3	23	1	2	2	3	1.12	.01	19	80	.48	61	.04	7	1.84	.08	.20	2	1
FBC UM-2456	1	2	8	54	.1	5	1	243	1.94	4	2	ND	3	25	1	2	2	2	.60	.01	26	77	.45	238	.06	8	1.93	.29	.54	2	2
FBC UM-2457	1	2	3	51	.1	5	1	335	1.78	4	2	ND	3	7	1	2	2	2	.49	.01	24	63	.30	49	.04	7	.85	.06	.34	2	1
FBC UM-2458	1	72	1	56	.2	33	8	357	2.47	13	16	ND	2	133	1	2	2	61	3.69	.05	10	60	.88	170	.10	23	6.28	.71	.60	2	1
FBC UM-2459	1	4	2	42	.1	6	2	313	2.07	6	2	ND	3	10	1	2	2	9	.69	.04	23	52	.30	94	.08	13	1.11	.10	.50	2	1
FBC UM-2460	1	10	1	55	.1	5	2	352	2.52	7	2	ND	3	8	1	2	2	8	.24	.03	20	53	.34	78	.11	6	1.02	.08	.64	2	4
STB A-1/FA-AU	1	30	39	182	.3	35	11	971	2.82	11	2	ND	2	35	1	2	2	56	.60	.10	7	77	.69	281	.07	7	2.06	.02	.20	2	53

SAMPLE#	NO PPH	CU PPH	PS PPH	ZK PPH	MO PPH	NI PPH	CO PPH	MR PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SI PPH	Y PPH	CA %	P %	LA PPH	CR PPH	MO %	SA PPH	TI %	S PPH	AL %	SM %	Z %	S PPH	AUT PPH	
FBC UM-2461	1	81	12	122	.3	48	30	507	4.71	14	4	.0D	3	75	1	2	2	77	1.80	.07	16	76	1.18	211	.24	9	4.74	.47	1.35	2	2
FBC UM-2462	1	4	6	17	.2	10	2	189	.94	2	2	ND	8	15	1	2	2	8	.40	.02	26	23	.22	48	.05	7	1.11	.96	.27	2	1
FBC UM-2463	1	20	6	45	.1	26	9	364	3.13	10	2	ND	4	10	1	2	2	57	.80	.05	21	64	.78	219	.23	8	1.92	.67	1.25	2	1
FBC UM-2464	1	22	3	19	.1	19	6	124	1.54	3	2	ND	2	9	1	2	2	42	.45	.06	7	41	.54	23	.09	4	.87	.10	.08	2	1
FBC UM-2465	1	27	5	47	.1	27	10	308	2.92	7	2	ND	2	20	1	2	2	58	1.15	.10	11	66	.99	98	.13	4	2.03	.16	.29	2	1
FBC UM-2466	1	37	9	49	.1	31	10	703	3.28	6	8	ND	2	21	1	2	2	39	2.11	.12	11	48	.88	45	.12	8	1.98	.22	.17	2	1
FBC UM-2467	1	3	4	6	.2	4	1	319	1.59	4	2	ND	3	8	1	2	2	8	.24	.06	27	61	.36	429	.10	7	.96	.05	.32	2	1
FBC UM-2468	1	4	1	1	.1	7	1	75	1.03	2	2	ND	4	6	1	2	2	4	.04	.02	24	124	.01	49	.04	5	.22	.01	.04	2	1
FBC UM-2469	1	10	8	49	.2	11	8	287	2.77	9	2	ND	2	14	1	2	2	56	.22	.04	11	62	.66	431	.18	4	1.70	.11	.82	2	1
FBC UM-2470	1	6	10	55	.4	3	1	236	1.85	8	2	ND	2	3	1	2	2	4	.12	.02	6	63	.29	73	.13	4	.87	.06	.43	2	10
FBC UM-2471	1	4	8	78	.1	7	2	459	2.86	11	2	ND	3	3	1	2	2	9	.29	.02	19	56	.52	188	.18	12	1.43	.07	.92	2	1
FBC UM-2472	14	15	67	72	47.7	21	9	407	2.30	4	2	ND	2	40	1	10	419	33	1.20	.06	12	66	.71	82	.14	8	1.52	.06	.27	1049	28
FBC UM-2473	1	32	8	59	8.4	32	13	447	3.20	7	2	ND	3	27	1	2	37	58	.88	.07	18	71	.76	207	.19	4	1.97	.15	.73	98	1
FBC UM-2474	1	4	4	66	.2	7	2	289	2.74	9	2	ND	2	9	1	2	2	10	.11	.02	15	54	.36	492	.16	7	1.19	.06	.71	17	1
FBC UM-2475	1	5	7	77	.1	3	1	256	2.43	3	2	ND	3	8	1	2	2	3	.09	.02	14	64	.55	127	.14	4	1.34	.04	.72	5	1
FBC UM-2476	1	6	16	51	.2	15	6	481	3.02	12	2	ND	2	35	1	2	2	45	.73	.02	16	60	.71	115	.18	11	2.27	.06	.58	3	1
FBC UM-2477	1	112	8	69	.2	29	12	816	3.61	4	3	ND	2	20	1	2	2	37	1.84	.07	13	49	.83	26	.10	5	2.25	.23	.21	6	1
FBC UM-2478	1	8	8	81	.1	31	11	378	3.48	19	2	ND	3	10	1	2	2	83	.53	.08	17	76	1.01	62	.32	2	2.05	.06	.79	2	1
FBC UM-2479	1	9	7	62	.1	5	2	215	2.43	6	2	ND	3	3	1	2	2	7	.10	.03	18	47	.50	91	.14	5	1.27	.05	.69	2	1
FBC UM-2480	1	10	7	100	.1	21	10	326	3.88	10	2	ND	3	22	1	2	2	94	.51	.07	14	79	.67	134	.24	7	1.84	.05	.34	2	1
FBC UM-2481	1	4	6	49	.1	4	2	350	2.58	3	2	ND	3	3	1	2	2	5	.36	.03	19	46	.30	114	.13	6	1.14	.05	.62	2	1
FBC UM-2482	1	5	11	43	.2	39	11	343	2.58	12	2	ND	3	55	1	2	2	85	.75	.05	7	104	1.18	275	.22	10	3.32	.25	1.34	2	1
STD A-1/FA-AU	1	30	39	185	.3	36	11	998	2.78	19	2	ND	2	35	1	2	2	55	.58	.10	7	74	.68	270	.10	7	2.00	.02	.20	2	53

PATRICIA MINING DIV.
RECEIVED
 JUL 16 1984
 A.M. 7: 8: 9: 10: 11: 12: 1: 2: 3: 4: 5: 6:
 P.M.

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 34-0659

Date: MAY 4 1984

UMEX INC.
1935 LESLIE ST
DON MILLS
TORONTO
M3B 2M3

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

QTY	SER	ASSAY	PRICE	AMOUNT
118		ICP ANALYSIS @	6.00	708.00
118		SAMPLE FOR PULVERIZING @	1.25	147.50
		SUBTOTAL		855.50
1		FLOPPY DISK		6.00
				861.50
				<u>26.15</u>
				775.35

PLEASE PAY LAST AMOUNT 107

GEOCHEMICAL ICP ANALYSIS

500 GRAM SAMPLE IS DIGESTED WITH 3% 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR KR, FE, CA, P, CR, Ni, Ba, TI, B, AL, NA, K, W, SI, ZR, CE, Sr, Y, Nb AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 SAMPLE TYPE: REJECT

DATE RECEIVED: APRIL 30 1984

DATE REPORT MAILED: May 4 1984

JAYER, D. J. DEAN TOYE, CERTIFIED B.C. ASSAYER

UMEX INC. FILE # 84-0659

PAGE 1

SAMPLE#	NO	CU	PB	ZN	AG	NI	CO	NR	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
1000	1	67	2	38	.1	4	2	276	2.37	7	2	ND	4	15	1	2	4	.26	.03	7	2	.16	56	.11	8	.82	.06	.34	2	
1001	1	10	2	29	.1	2	2	262	1.58	6	2	ND	2	11	1	2	3	.48	.02	12	1	.14	54	.10	7	.70	.06	.28	2	
1002	1	14	1	15	.1	4	2	106	2.10	5	2	ND	3	15	1	4	2	.29	.02	19	2	.09	11	.10	8	.34	.05	.04	2	
1003	2	21	3	27	.1	6	3	174	1.73	4	2	ND	4	22	1	2	4	.24	.03	23	3	.47	110	.13	7	.97	.06	.38	2	
1004	1	101	22	161	.4	24	9	568	3.65	2	2	ND	2	5	1	8	2	.30	.02	5	1	2.20	42	.11	17	2.94	.02	.39	2	
1005	1	9	3	40	.1	3	2	250	1.86	4	2	ND	3	7	1	3	2	.19	.02	4	1	.73	166	.14	11	1.43	.08	.74	2	
1006	1	9	7	45	.1	2	2	318	1.96	3	2	ND	2	13	1	2	4	.31	.02	15	1	.15	63	.11	9	.80	.07	.38	2	
1007	1	16	1	47	.1	2	2	402	2.25	3	2	ND	3	18	1	3	2	.45	.03	7	1	.18	30	.12	9	.82	.07	.20	2	
1008	17	14	4	20	.1	2	1	189	2.26	4	2	ND	4	10	1	3	2	.47	.02	45	1	.12	39	.09	4	.53	.06	.24	2	
1009	6	27	9	82	.1	9	3	417	2.65	5	6	ND	2	3	1	4	2	.24	.11	.03	6	4	2.01	101	.13	10	2.63	.04	1.49	2
1010	1	14	4	34	.1	3	2	319	2.53	7	2	ND	2	4	1	5	2	.4	.09	.02	2	1	.31	69	.11	3	1.12	.06	.27	2
1011	1	13	1	26	.1	61	8	217	1.29	5	2	ND	2	20	1	2	2	.27	.01	.03	2	30	.50	41	.16	2	1.01	.08	.31	2
1012	1	14	1	32	.2	16	3	178	1.15	3	2	ND	2	13	1	2	2	.17	.36	.03	7	3	.48	62	.11	3	.95	.06	.40	2
1013	1	22	1	34	.1	58	9	285	1.94	6	2	ND	2	15	1	2	2	.32	.09	.04	3	32	1.02	111	.15	3	1.72	.13	.62	2
1014	1	51	1	32	.1	13	7	231	2.62	4	4	ND	2	13	1	2	2	.20	.19	.03	5	3	.69	120	.14	11	1.45	.07	.94	2
1015	1	14	1	46	.1	39	7	350	2.46	6	2	ND	2	9	1	2	2	.24	.29	.04	20	25	.50	217	.17	7	1.42	.06	.93	2
1016	1	16	1	199	.1	75	23	1172	8.18	4	11	ND	2	9	1	2	4	.97	.70	.10	18	105	2.21	476	.36	22	4.50	.02	3.31	2
1017	1	4	1	25	.1	21	8	171	2.33	4	3	ND	2	9	1	2	2	.26	.31	.04	7	21	.99	214	.18	4	1.98	.10	1.21	2
1018	1	7	1	59	.1	3	4	349	2.12	3	2	ND	2	17	1	2	2	.10	.33	.03	8	1	.28	61	.14	2	.96	.06	.36	2
1019	1	4	1	10	.1	1	1	77	.85	2	2	ND	2	7	1	2	2	.17	.01	.01	3	1	.04	36	.03	2	.39	.04	.20	2
1020	1	2	1	21	.1	1	1	178	1.24	2	2	ND	3	1	1	4	2	.01	.01	.01	4	1	1.24	46	.02	2	1.48	.01	.47	2
1021	1	4	1	39	.1	2	1	163	1.54	3	2	ND	3	3	1	2	2	.10	.01	.01	6	1	.15	44	.09	2	.75	.04	.45	2
1022	1	6	2	37	.1	2	2	216	2.25	6	2	ND	3	10	1	2	2	.4	.19	.02	12	1	.16	109	.12	3	.92	.06	.42	2
1023	1	18	2	22	.1	4	2	149	1.41	2	2	ND	2	10	1	2	2	.11	.11	.02	4	8	.32	86	.07	4	.78	.05	.24	2
1024	1	5	4	53	.1	2	3	390	2.56	2	2	ND	2	14	1	3	2	.6	.39	.04	10	4	.20	92	.13	3	.97	.07	.48	2
1025	1	113	1	44	.4	14	8	344	2.42	3	2	ND	2	8	1	3	2	.20	.35	.02	6	8	1.01	99	.12	4	1.74	.08	.83	2
1026	1	25	1	27	.1	3	3	199	2.47	3	2	ND	2	7	1	2	2	.11	.46	.03	7	9	.58	78	.12	7	1.18	.09	.52	2
1027	1	9	2	37	.1	6	3	290	2.23	2	2	ND	4	10	1	2	2	.17	.35	.07	10	2	.42	191	.17	6	1.29	.07	.70	2
1028	2	22	3	17	.1	1	1	141	1.31	2	2	ND	3	3	1	3	2	.2	.04	.01	9	1	.24	46	.05	2	.66	.05	.43	2
1029	1	3	1	22	.1	8	6	180	1.82	4	2	ND	2	5	1	3	2	.22	.20	.03	2	4	.81	77	.14	2	1.47	.07	.89	2
1030	1	3	1	38	.1	3	4	263	2.06	2	2	ND	2	9	1	2	2	.15	.25	.02	4	6	.36	169	.13	4	1.00	.08	.45	2
1031	1	5	1	61	.1	25	12	361	3.06	6	4	ND	2	7	1	2	2	.32	.17	.04	9	27	.98	277	.20	4	2.03	.07	1.33	2
1032	2	77	3	29	.4	3	3	249	2.66	3	3	ND	2	16	1	3	2	.22	.20	.04	9	7	.54	157	.14	9	1.34	.06	.73	2
1033	1	3	1	34	.1	3	4	254	2.08	4	2	ND	2	17	1	3	2	.11	.32	.04	10	2	.29	118	.16	3	1.10	.06	.55	2
1034	1	4	1	33	.1	2	2	245	2.32	2	2	ND	4	15	1	3	2	.5	.26	.03	13	2	.17	66	.14	28	.80	.05	.39	2
1035	2	6	4	11	.1	1	1	109	.65	2	2	ND	5	4	1	2	2	.19	.01	.01	3	2	.11	25	.04	23	.46	.06	.12	2
1036	1	3	2	19	.1	2	2	108	.88	2	2	ND	4	6	1	2	2	.08	.01	.01	6	3	.16	38	.05	2	.48	.05	.22	2
STD A-1	1	29	37	179	.4	35	13	941	2.78	12	2	ND	2	36	1	5	2	.55	.62	.10	8	44	.63	250	.10	7	2.00	.02	.20	2

UMEX INC. FILE # 84-0659

SAMPLE	NO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	PK PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	Sr PPH	CD PPH	BB PPH	BT PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	KA %	R %	Y PPH
1037	1	10	3	23	.1	5	2	119	1.12	2	2	KD	2	2	1	3	2	8	.02	.01	4	3	.84	8	.01	2	.93	.03	.10	2
1038	1	8	3	57	.1	28	9	339	2.37	2	2	KD	2	2	1	3	2	43	.05	.02	2	24	2.13	45	.09	5	2.54	.04	.81	2
1039	1	53	1	45	.1	9	4	358	2.71	3	2	KD	3	10	1	2	2	11	.19	.03	3	3	.37	131	.16	3	1.28	.06	.77	2
1040	3	67	1	28	.1	5	4	192	2.47	4	2	KD	2	9	1	2	2	29	.18	.05	9	8	.54	187	.14	8	1.22	.06	.77	2
1041	1	6	1	22	.1	19	7	151	2.07	2	2	KD	2	10	1	2	2	23	.35	.04	11	20	.66	120	.15	5	1.50	.06	.87	2
1042	1	9	1	120	.1	26	15	798	9.04	2	2	KD	2	6	1	2	2	102	.27	.06	24	10	1.49	366	.43	21	3.85	.07	3.04	2
1043	1	106	1	79	.4	12	15	648	5.74	2	2	KD	5	6	1	7	2	7	.63	.05	16	2	2.31	186	.06	6	3.48	.03	2.24	2
1044	1	6	1	38	.1	32	11	271	2.59	4	3	KD	2	4	1	2	2	34	.20	.04	7	27	.97	247	.18	4	1.82	.05	1.20	2
1045	1	41	1	25	.1	5	2	170	2.37	2	2	KD	3	11	1	2	2	3	.19	.02	9	3	.12	62	.11	5	.76	.05	.39	2
1046	1	48	1	14	.1	4	4	103	.89	3	2	KD	5	5	1	2	2	2	.09	.01	25	1	.14	43	.05	7	.45	.06	.21	2
1047	1	4	1	6	.1	4	1	40	.40	2	2	KD	3	3	1	2	2	7	.05	.01	3	3	.11	64	.02	5	.41	.03	.22	2
1048	1	14	1	123	.1	25	7	341	3.12	5	4	KD	2	17	1	2	2	39	.99	.06	4	28	.99	89	.16	4	2.26	.09	.90	2
1049	1	33	1	139	.1	15	8	297	4.19	3	2	KD	2	4	1	2	2	27	.13	.04	3	21	.79	196	.21	3	2.23	.04	1.51	2
1050	1	258	1	128	.6	5	5	279	3.45	4	2	KD	3	4	1	2	2	19	.12	.03	2	12	.61	158	.17	4	1.90	.05	1.24	2
1051	2	180	1	680	.2	3	2	114	1.29	17	2	KD	4	7	3	2	2	2	.18	.01	2	2	.18	69	.05	7	.96	.07	.39	2
1052	1	106	1	11	1.4	8	5	260	3.19	3	2	KD	3	12	1	2	2	17	.22	.02	2	4	.55	122	.12	4	2.05	.11	1.15	2
1053	2	32	2	37	.1	5	2	121	1.22	2	2	KD	2	8	1	2	2	7	.14	.01	10	4	.29	67	.07	12	.92	.07	.40	2
1054	1	29	1	78	.1	15	10	308	3.33	2	2	KD	2	9	1	2	2	65	.57	.03	2	9	1.07	182	.22	6	2.24	.11	1.26	2
1055	1	157	1	150	.2	23	14	327	4.64	2	4	KD	2	7	1	3	2	34	.12	.04	4	24	1.37	250	.21	8	2.88	.06	1.79	2
1056	2	59	1	123	.1	12	5	123	3.04	3	2	KD	3	3	1	2	2	18	.10	.03	5	13	.70	173	.14	5	1.72	.05	1.01	2
1057	1	18	1	21	.1	3	2	217	2.03	2	2	KD	3	14	1	2	2	2	.20	.01	22	1	.09	40	.08	8	.69	.05	.23	2
1058	1	26	1	33	.1	23	8	212	2.16	2	2	KD	2	7	1	2	2	26	.51	.04	13	24	.69	115	.15	5	1.29	.06	.93	2
1059	1	6	1	33	.1	18	6	223	1.85	5	3	KD	2	6	1	2	2	22	.21	.03	9	21	.59	89	.14	3	1.26	.06	.83	2
1060	1	4	2	26	.1	10	5	137	1.89	2	2	KD	2	5	1	2	2	24	.12	.03	3	9	.81	59	.14	6	1.43	.06	.94	2
1061	1	7	1	20	.1	1	2	96	1.03	2	2	KD	4	4	1	2	2	2	.03	.01	10	2	.25	52	.04	5	.66	.04	.46	2
1062	1	37	1	58	.1	31	15	430	3.32	2	3	KD	2	14	1	2	2	60	.56	.04	4	39	1.28	141	.21	4	2.20	.05	1.18	2
1063	1	16	1	47	.1	19	6	248	2.61	2	2	KD	2	12	1	2	2	27	.29	.04	3	23	.87	113	.18	7	2.01	.09	1.25	2
1064	2	82	2	9	.2	2	1	61	.50	2	2	KD	5	3	1	2	2	2	.08	.01	7	1	.10	29	.02	8	.41	.03	.23	2
1065	2	71	1	12	.2	2	1	85	.72	2	2	KD	5	3	1	2	2	2	.10	.01	9	1	.12	49	.04	5	.51	.04	.28	2
1066	2	773	2	33	.5	158	38	277	4.21	2	2	KD	2	10	1	4	2	13	.72	.01	3	6	.85	53	.06	5	1.17	.06	.35	2
1067	1	174	1	67	.2	37	17	419	4.78	8	2	KD	2	14	1	2	2	64	.34	.04	4	48	1.74	367	.26	7	3.39	.06	2.17	2
1068	1	381	1	104	.3	22	24	368	5.45	3	7	KD	2	21	1	2	2	71	.30	.06	7	10	1.35	376	.27	6	3.18	.07	2.15	2
1069	1	94	1	72	.1	37	22	604	5.80	3	6	KD	2	5	1	2	2	117	.19	.05	8	65	1.64	493	.31	8	3.28	.04	2.18	2
1070	1	43	1	28	.1	3	2	216	1.85	2	2	KD	2	10	1	2	2	2	.17	.01	20	5	.12	72	.09	7	.74	.05	.24	2
1071	1	24	1	60	.1	17	9	334	3.22	4	2	KD	2	8	1	2	2	21	.21	.04	13	23	.80	173	.17	6	1.68	.05	1.24	2
1072	1	12	1	34	.1	12	5	204	1.64	2	2	KD	2	8	1	2	2	12	.29	.03	2	16	.56	166	.14	4	1.20	.06	.66	2
1073	1	3	3	20	.1	1	1	25	.46	2	2	KD	3	7	1	2	2	2	.13	.01	6	2	.05	29	.04	5	.35	.05	.14	2
STD A-1	1	30	39	160	.3	35	13	944	2.78	8	2	KD	2	36	1	2	2	56	.62	.10	7	64	.66	251	.10	9	1.92	.02	.20	2

UMEX INC. FILE # 84-0639

SAMPLE#	NO PPH	CU PPH	PB PPH	ZN PPH	AS PPH	NI PPH	CO PPH	PK PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SA PPH	CO PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MS %	BA PPH	TI %	B PPH	AL %	KA %	R %	W PPH
1037	1	10	3	25	.1	5	2	119	1.12	2	2	ND	2	2	1	3	2	8	.02	.01	6	3	.84	8	.01	2	.93	.03	.10	2
1038	1	8	3	57	.1	28	9	339	2.37	2	2	ND	2	2	1	3	2	43	.05	.02	2	24	2.13	45	.09	5	2.54	.04	.81	2
1039	1	53	1	43	.1	9	4	358	2.71	3	2	ND	3	10	1	2	2	11	.19	.03	3	5	.37	131	.16	3	1.28	.06	.77	2
1040	3	67	1	28	.1	5	4	192	2.47	4	2	ND	2	9	1	2	2	29	.18	.03	9	8	.54	187	.14	8	1.22	.06	.77	2
1041	1	6	1	22	.1	19	7	151	2.07	2	2	ND	2	10	1	2	2	23	.35	.04	11	20	.66	120	.15	5	1.50	.06	.87	2
1042	1	9	1	130	.1	26	15	798	9.04	2	12	ND	2	6	1	2	2	102	.27	.06	24	10	1.49	366	.43	21	3.85	.07	3.04	2
1043	1	106	1	79	.4	12	15	648	5.24	2	2	ND	5	6	1	7	2	7	.63	.03	16	2	2.31	186	.06	6	3.48	.03	2.24	2
1044	1	6	1	38	.1	32	11	271	2.59	4	3	ND	2	4	1	2	2	34	.20	.04	7	27	.97	247	.18	4	1.82	.05	1.20	2
1045	1	61	1	25	.1	5	2	170	2.37	2	2	ND	3	11	1	2	2	3	.19	.02	9	3	.12	62	.11	5	.76	.05	.39	2
1046	1	48	1	14	.1	4	4	103	.89	3	2	ND	5	5	1	2	2	2	.09	.01	25	1	.14	43	.05	7	.45	.06	.21	2
1047	1	4	1	6	.1	4	1	40	.40	2	2	ND	3	3	1	2	2	2	.05	.01	3	3	.11	64	.02	5	.41	.03	.22	2
1048	1	14	1	123	.1	25	7	341	3.12	5	4	ND	2	17	1	2	2	39	.99	.06	4	28	.99	89	.16	4	2.56	.09	.80	2
1049	1	33	1	139	.1	13	8	297	4.19	3	2	ND	2	4	1	2	2	27	.13	.04	3	21	.79	196	.21	3	2.23	.04	1.51	2
1050	1	258	1	128	.6	5	5	279	3.45	4	2	ND	3	4	1	2	2	19	.12	.03	2	12	.64	138	.17	4	1.90	.05	1.24	2
1051	2	180	1	660	.2	3	2	114	1.29	17	2	ND	4	7	3	2	2	2	.18	.01	2	2	.18	69	.05	7	.96	.07	.39	2
1052	1	106	1	111	1.4	8	5	260	3.19	3	2	ND	3	12	1	2	2	17	.22	.02	2	4	.55	122	.12	4	2.05	.11	1.13	2
1052	2	22	2	37	.1	5	2	121	1.22	2	2	ND	2	8	1	2	2	7	.14	.01	10	4	.29	67	.07	12	.92	.07	.40	2
1054	1	29	1	78	.1	15	10	308	3.53	2	2	ND	2	9	1	2	2	65	.57	.03	2	9	1.07	182	.22	6	2.24	.11	1.26	2
1055	1	157	1	150	.2	23	14	327	4.64	2	4	ND	2	7	1	3	2	34	.12	.04	4	24	1.37	250	.21	8	2.88	.06	1.79	2
1056	2	58	1	123	.1	12	5	123	3.04	3	2	ND	3	3	1	2	2	18	.10	.03	5	13	.70	173	.14	5	1.72	.05	1.01	2
1057	1	18	1	21	.1	3	2	217	2.03	2	2	ND	3	14	1	2	2	2	.20	.01	22	1	.09	40	.08	8	.69	.05	.23	2
1058	1	26	1	33	.1	23	8	212	2.16	2	2	ND	2	7	1	2	2	26	.31	.04	13	24	.69	115	.15	5	1.59	.06	.86	2
1059	1	4	1	33	.1	18	6	223	1.85	5	3	ND	2	6	1	2	2	22	.21	.03	9	21	.59	89	.14	3	1.26	.06	.85	2
1060	1	4	2	76	.1	10	5	137	1.69	2	2	ND	2	5	1	2	2	24	.12	.03	3	9	.81	59	.14	6	1.43	.06	.94	2
1061	1	7	1	20	.1	1	2	96	1.03	2	2	ND	4	4	1	2	2	2	.03	.01	10	2	.25	52	.04	5	.65	.04	.46	2
1062	1	37	1	58	.1	31	15	430	3.32	2	3	ND	2	14	1	2	2	60	.56	.06	4	39	1.38	141	.21	4	2.20	.05	1.18	2
1063	1	16	1	47	.1	15	6	248	2.61	2	2	ND	2	12	1	2	2	27	.29	.04	3	23	.87	113	.18	7	2.01	.09	1.25	2
1064	2	82	2	9	.2	2	1	61	.50	2	2	ND	5	3	1	2	2	2	.08	.01	7	1	.10	29	.02	8	.41	.03	.23	2
1065	2	71	1	12	.2	2	1	85	.72	2	2	ND	5	5	1	2	2	2	.10	.01	9	1	.12	40	.04	5	.51	.04	.28	2
1065	2	773	2	33	.5	128	38	277	4.21	2	2	ND	2	10	1	4	2	13	.72	.01	3	6	.85	53	.06	5	1.17	.04	.35	2
1067	1	174	1	67	.2	37	17	419	4.78	8	2	ND	2	14	1	2	2	64	.34	.04	4	48	1.74	367	.26	7	3.39	.06	2.17	2
1068	1	361	1	104	.3	22	24	368	5.45	3	7	ND	2	21	1	2	2	71	.50	.06	7	10	1.35	376	.27	6	3.18	.07	2.15	2
1069	1	94	1	72	.1	37	22	604	5.80	3	6	ND	2	5	1	2	2	117	.19	.05	8	65	1.64	493	.31	8	3.09	.04	2.18	2
1070	1	43	1	28	.1	3	2	216	1.85	2	2	ND	2	10	1	2	2	2	.17	.01	20	5	.12	72	.09	7	.74	.05	.54	2
1071	1	24	1	60	.1	17	9	334	3.22	4	2	ND	2	8	1	2	2	21	.21	.04	13	23	.80	173	.17	6	1.68	.05	1.24	2
1072	1	12	1	34	.1	12	5	204	1.64	2	2	ND	2	8	1	2	2	12	.29	.03	2	16	.56	166	.14	4	1.20	.06	.66	2
1073	1	3	3	20	.1	1	1	55	.46	2	2	ND	3	7	1	2	2	2	.13	.01	6	2	.05	29	.04	5	.35	.05	.14	2
STD A-1	1	30	39	160	.3	35	13	944	2.78	8	2	ND	2	36	1	2	2	56	.62	.10	7	64	.66	251	.10	9	1.92	.02	.20	2

SAMPLE	MO	CU	PS	ZK	AS	RI	CO	KN	FE	AS	U	AU	TH	SR	CD	SB	SI	V	CA	P	LA	CR	RS	BA	TI	B	AL	KA	K	Y
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	Z	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	I	I	PPH	PPH	I	PPH	I	PPH	I	I	I	PPH
1074	1	26	1	52	.1	41	13	442	3.39	6	2	ND	2	11	1	2	2	56	1.47	.07	2	69	1.10	68	.22	3	1.98	.12	.50	2
1075	1	11	1	8	.1	3	2	69	.68	4	2	ND	3	4	1	2	2	8	.09	.01	12	1	.11	19	.03	7	.40	.03	.19	2
1076	2	260	28	196	.4	40	17	275	2.72	22	2	ND	2	15	1	2	2	33	.79	.03	3	47	.84	50	.16	7	1.67	.07	.34	3
1077	1	18	1	24	.1	7	4	152	5.19	8	11	ND	2	3	1	2	2	30	.10	.04	2	6	.90	151	.20	2	2.71	.04	1.67	2
1078	1	4	1	175	.1	8	4	313	3.82	6	2	ND	2	3	1	2	2	13	.16	.03	2	5	.65	72	.13	4	2.11	.03	1.09	2
1079	2	57	3	11	.3	1	1	39	1.65	22	2	ND	3	5	1	2	2	2	.06	.01	3	1	.04	37	.03	3	.29	.04	.09	2
1080	1	6	1	137	.1	10	8	77	3.71	418	10	ND	2	3	1	2	2	27	.66	.03	2	6	.86	133	.17	4	2.19	.04	1.34	2
1081	1	41	1	178	.1	63	15	414	9.62	7	19	ND	2	3	1	2	2	82	.13	.06	31	101	2.17	236	.30	2	4.99	.03	2.43	2
1082	2	30	3	20	.1	1	1	96	2.13	7	2	ND	3	5	1	2	2	2	.63	.01	9	1	.26	72	.06	4	.63	.04	.33	2
1083	1	8	1	46	.1	22	9	229	2.56	3	4	ND	2	6	1	2	2	32	.20	.04	8	26	1.02	229	.19	5	1.85	.07	1.26	2
1084	20	1362	1	169	5.5	13	7	291	2.74	3	2	ND	3	3	1	2	2	7	.69	.01	11	2	1.56	85	.10	6	2.15	.02	1.22	2
1085	2	43	1	39	.1	12	8	258	3.01	6	3	ND	2	19	1	2	2	33	.32	.04	7	10	.69	177	.19	4	1.60	.14	.99	2
1086	1	19	1	114	.1	7	5	475	4.22	6	6	ND	2	4	1	2	2	24	.09	.04	3	8	.69	153	.17	4	2.24	.04	1.55	2
1087	1	32	1	231	.2	11	9	174	4.73	3	8	ND	2	4	1	2	2	25	.10	.04	2	21	1.01	172	.20	3	2.54	.05	1.61	2
1088	1	3	1	16	.1	8	2	103	1.12	2	2	ND	2	7	1	2	2	8	.15	.01	2	8	.35	56	.08	5	.83	.06	.42	2
1089	2	24	1	20	.1	3	3	205	2.16	6	2	ND	2	13	1	2	2	4	.30	.03	15	2	.26	91	.11	5	.86	.04	.32	2
1090	1	113	1	23	.3	4	2	110	1.20	7	2	ND	2	11	1	2	2	12	.22	.02	2	4	.33	62	.08	4	.82	.05	.40	2
1091	1	126	1	113	.3	11	10	541	5.06	24	3	ND	2	4	1	2	2	25	.11	.04	2	18	.79	150	.16	4	2.32	.03	1.16	2
1092	1	4	1	25	.1	19	6	145	1.79	4	5	ND	2	3	1	2	2	12	.14	.03	6	12	.60	62	.07	5	1.19	.04	.37	2
1093	1	3	1	124	.1	1	3	386	2.68	5	2	ND	3		1	2	2	2	.03	.01	2	2	1.35	71	.07	4	2.11	.01	1.03	2
1094	1	4	1	28	.1	1	1	159	.95	3	2	ND			1	2	2	2	.14	.01	5	2	.16	49	.05	8	.57	.04	.17	2
1095	2	62	1	35	.1	2	4	222	2.19	4	4	ND		6	1	2	2	4	.14	.03	15	1	.48	136	.13	5	1.20	.06	.73	2
1096	1	13	1	24	.1	4	4	174	1.53	5	2	ND			1	2	2	7	.27	.02	7	3	.47	96	.10	9	1.08	.05	.54	2
1097	1	10	1	23	.1	3	3	167	1.43	3	2	ND	2	20	1	2	2	6	.29	.02	7	3	.44	99	.10	6	1.07	.08	.51	2
1098	1	4	1	121	.1	17	8	242	2.28	5	2	ND	2	12	1	2	2	27	.37	.04	12	9	1.55	103	.11	6	2.31	.10	.86	2
1099	1	12	2	10	.1	2	2	60	.75	2	2	ND	5	5	1	2	2	2	.10	.01	19	1	.16	58	.03	4	.53	.05	.18	2
1100	1	5	1	34	.1	56	12	264	2.26	5	2	ND	2	8	1	2	2	36	.71	.05	7	34	1.23	169	.13	5	1.63	.10	.71	2
1101	1	4	1	23	.1	62	12	191	1.89	5	2	ND	2	6	1	2	2	27	.63	.04	6	40	1.23	55	.09	4	1.51	.08	.18	2
1102	1	78	1	94	.1	132	35	392	7.11	8	2	ND	2	5	1	2	2	83	.67	.04	3	97	4.36	194	.28	5	3.28	.02	.76	2
1103	1	73	1	32	.1	44	16	278	2.95	5	2	ND	2	38	1	2	2	64	1.64	.20	12	35	1.12	92	.16	4	2.00	.20	.35	2
1104	1	5	1	30	.1	77	15	245	2.74	6	2	ND	2	12	1	2	2	43	.34	.05	6	70	1.58	111	.18	2	2.02	.08	.84	2
1105	1	73	1	36	.1	112	24	290	3.37	12	2	ND	2	40	1	2	2	32	1.02	.06	4	70	2.01	214	.17	5	3.93	.31	1.44	2
1106	1	20	3	23	.1	5	3	120	1.11	5	2	ND	4	5	1	2	2	2	.11	.01	9	4	.45	21	.05	6	.69	.07	.12	2
1107	1	12	3	25	.1	3	2	218	2.12	5	2	ND	3	16	1	2	2	4	.27	.02	6	4	.16	53	.11	9	.76	.07	.30	2
1108	1	4	2	46	.1	10	3	338	2.30	6	3	ND	3	15	1	2	2	7	.28	.03	11	4	.27	45	.11	7	.85	.06	.27	2
1109	1	43	4	16	.1	3	1	103	1.09	4	2	ND	2	12	1	2	2	12	.20	.03	5	8	.16	26	.11	5	.53	.08	.22	2
1110	1	53	1	27	.1	22	6	277	2.70	5	2	ND	2	11	1	2	2	18	1.07	.02	2	5	.49	23	.06	5	1.13	.12	.18	2
STD A-3	1	30	37	179	.3	35	13	941	2.78	12	2	ND	2	36	1	2	2	55	.62	.10	7	44	.63	250	.10	6	2.01	.02	.20	2

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SAMPLES	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	YR PPM	FE %	AS PPM	U PPM	MO PPM	TH PPM	SR PPM	CO PPM	SB PPM	SI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	KA %	K %	W PPM
1111	1	6	5	32	.1	2	2	281	2.14	5	2	ND	3	10	1	2	2	4	.29	.02	5	5	.13	42	.10	3	.69	.07	.28	2
1112	1	3	1	25	.1	2	2	188	2.27	4	2	ND	3	11	1	2	2	4	.22	.02	5	2	.13	50	.10	4	.67	.06	.30	2
1113	2	2	2	57	.1	115	18	606	3.79	11	2	ND	2	11	1	8	3	59	.55	.05	3	64	2.21	57	.13	6	3.06	.05	.24	2
1114	1	5	1	27	.1	12	5	248	2.31	9	2	ND	3	13	1	2	2	16	.33	.05	6	3	.41	111	.16	4	1.14	.06	.51	2
1115	2	11	1	16	.1	6	4	168	1.52	7	2	ND	2	13	1	2	2	13	.30	.03	7	8	.45	31	.10	6	1.07	.06	.37	2
1116	1	6	1	15	.1	5	3	118	1.25	4	3	ND	2	18	1	2	2	11	.24	.02	5	7	.34	73	.08	4	.90	.07	.45	2
1117	1	2	1	35	.1	16	6	270	2.03	8	2	ND	2	19	1	2	2	27	.60	.04	10	10	1.23	127	.14	3	2.58	.18	1.04	2
STD A-1	2	29	37	180	.3	35	13	943	2.78	10	2	ND	2	36	1	5	3	55	.62	.10	6	64	.63	250	.10	9	2.01	.02	.20	2

ACME ANALYTICAL LABORATORIES LTD.

PHONE: 253-3158

852 East Hastings St., Vancouver, B.C. V6A 1R6

File: 34-0659 (RE)

Date: MAY 11 1984

UMEX INCORPORATION
1935 LESLIE ST
DON MILLS ONTARIO
M3B 2B4

TERMS:
NET TWO WEEKS
2% PER MONTH CHARGED ON
OVERDUE ACCOUNTS.

NUMBER	ASSAY	PRICE	AMOUNT
118	GEOCHEM AU BY FIRE ASSAY	5.50	649.00
	TOTAL \$		649.00
	<i>10%</i>		- 64.90
			584.10

RECEIVED

SEP 14 1984

MINING LANDS SECTION

PATRICIA MINING DIV.
RECEIVED
 JUL 16 1984
 A.M. 7:00 P.M. 4:59

PLEASE PAY LAST AMOUNT →

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS, VANCOUVER B.C.

PH: 253-3158

TELEX: 04-53124

ICP GEOCHEMICAL ANALYSIS

A .300 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Cu, P, Mg, Al, Ti, La, Nd, K, V, Ba, Sr, Cr AND B. Au DETECTION 3 PPM.
AUX ANALYSIS FROM 10 GRAM FA-AA. SAMPLE TYPE - PULP

DATE RECEIVED MAY 1 1984

DATE REPORTS MAILED May 11/84ASSAYER D. J. [Signature]

DEAN TOYE, CERTIFIED B.C. ASSAYER

UMEX INCORPORATION

FILE # 84-0659

PAGE # 1

SAMPLE #	No		Cu		Pb		Zn		Ag		Ni		Co		Mn		Fe		As		U		Au		Th		Sr		Cd		Sb		Bi		V		Ca		P		La		Cr		Mg		Ba		Ti		B		Al		K		R		M		AUX	
	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppm	ppb								
1000	1	67	2	38	.1	4	2	276	2.37	7	2	ND	4	15	1	2	2	4	.26	.03	7	2	.16	56	.11	8	.82	.1	.54	2	4																															
1001	1	18	2	29	.1	2	2	262	1.58	6	2	ND	2	11	1	2	2	3	.48	.02	12	1	.14	54	.10	7	.70	.06	.38	2	2																															
1002	1	14	1	15	.1	4	2	106	2.10	5	2	ND	3	15	1	4	2	4	.29	.02	19	2	.09	11	.10	8	.56	.05	.04	2	1																															
1003	2	21	3	27	.1	8	5	174	1.73	4	2	ND	4	22	1	2	2	4	.24	.03	23	3	.47	110	.13	7	.87	.06	.30	2	1																															
1004	1	101	22	161	.4	24	9	568	5.65	2	2	ND	2	5	1	8	2	20	.20	.02	5	1	2.20	42	.11	17	2.94	.02	.59	2	1																															
1005	1	9	3	40	.1	3	2	230	1.86	4	2	ND	3	7	1	3	2	6	.19	.02	4	1	.73	166	.14	11	1.43	.08	.74	2	1																															
1006	1	9	7	45	.1	2	2	318	1.96	3	2	ND	2	13	1	2	2	4	.31	.02	15	1	.15	63	.11	9	.80	.07	.58	2	1																															
1007	1	14	1	47	.1	2	2	402	2.25	3	2	ND	3	18	1	5	2	4	.45	.03	7	1	.18	30	.12	9	.82	.07	.20	2	1																															
1008	17	14	4	20	.1	2	1	189	2.26	4	2	ND	4	10	1	3	2	4	.47	.02	43	1	.12	39	.09	4	.53	.06	.24	2	1																															
1009	6	27	9	82	.1	9	5	417	2.65	5	6	ND	2	3	1	4	2	24	.11	.03	6	4	2.01	101	.13	10	2.63	.04	1.68	2	1																															
1010	1	14	4	34	.1	3	2	319	2.53	7	2	ND	2	4	1	5	2	4	.09	.02	2	1	.31	69	.11	5	1.12	.06	.77	2	1																															
1011	1	13	1	26	.1	41	8	217	1.29	3	2	ND	2	20	1	2	2	27	.81	.05	2	30	.50	61	.16	2	1.01	.08	.31	2	1																															
1012	1	14	1	32	.1	16	5	178	1.15	5	2	ND	2	13	1	2	2	17	.36	.03	7	5	.48	62	.11	3	.95	.06	.40	2	1																															
1013	1	22	1	34	.1	58	9	285	1.94	6	2	ND	2	15	1	2	2	32	.89	.04	5	32	1.02	111	.15	3	1.72	.13	.62	2	1																															
1014	1	51	1	32	.1	13	7	231	2.62	4	4	ND	2	13	1	2	2	20	.19	.03	5	5	.69	120	.14	11	1.45	.07	.94	2	1																															
1015	1	14	1	46	.1	39	7	330	2.46	6	2	ND	2	9	1	2	2	24	.29	.04	20	25	.30	217	.17	7	1.42	.06	.93	2	1																															
1016	1	16	1	199	.1	75	23	1172	8.18	4	11	ND	2	9	1	2	4	97	.70	.10	18	105	2.21	476	.36	22	4.50	.02	3.31	2	1																															
1017	1	4	1	25	.1	21	8	171	2.33	4	3	ND	2	9	1	2	2	26	.31	.04	7	21	.99	214	.18	4	1.98	.10	1.31	2	1																															
1018	1	7	1	59	.1	3	4	548	2.12	3	2	ND	2	17	1	2	2	10	.25	.03	8	1	.28	61	.14	2	.96	.06	.56	2	1																															
1019	1	4	1	10	.1	1	1	77	.65	2	2	ND	2	7	1	2	2	2	.12	.01	5	1	.04	36	.03	2	.39	.04	.20	2	1																															
1020	1	2	1	21	.1	1	1	178	1.24	2	2	ND	3	1	1	4	2	2	.01	.01	4	1	1.26	46	.02	2	1.48	.01	.47	2	9																															
1021	1	4	1	30	.1	2	1	163	1.54	3	2	ND	3	3	1	2	2	2	.10	.01	6	1	.15	44	.09	2	.75	.06	.45	2	1																															
1022	1	6	2	37	.1	2	2	216	2.75	6	2	ND	3	10	1	2	2	4	.19	.02	12	1	.16	109	.12	5	.92	.06	.42	2	1																															
1023	1	18	2	22	.1	4	2	149	1.41	2	2	ND	2	10	1	2	2	11	.11	.02	4	8	.32	66	.07	4	.78	.05	.34	2	1																															
1024	1	5	4	53	.1	2	3	390	2.56	2	2	ND	2	14	1	3	2	6	.39	.04	10	4	.20	92	.13	3	.97	.07	.48	2	1																															
1025	1	113	1	44	.4	14	8	344	2.42	3	2	ND	2	8	1	3	2	20	.35	.02	6	8	1.01	99	.12	4	1.76	.08	.83	2	7																															
1026	1	25	1	27	.1	5	9	199	2.47	3	2	ND	2	7	1	2	2	11	.44	.03	7	9	.58	79	.12	7	1.18	.08	.52	2	1																															
1027	1	9	2	37	.1	6	3	290	2.23	2	2	ND	4	10	1	2	2	17	.35	.07	10	2	.42	191	.17	4	1.29	.07	.70	2	1																															
1028	2	22	3	17	.1	1	1	141	1.31	2	2	ND	3	3	1	3	2	2	.04	.01	9	1	.26	46	.05	2	.48	.05	.43	2	1																															
1029	1	3	1	22	.1	8	6	180	1.82	4	2	ND	2	5	1	3	2	22	.20	.03	2	4	.81	77	.14	2	1.57	.07	.89	2	1																															
1030	1	3	1	38	.1	5	4	263	2.06	2	2	ND	2	9	1	2	2	15	.25	.02	4	4	.36	149	.13	4	1.00	.08	.43	2	1																															
1031	1	5	1	61	.1	25	12	361	3.06	6	4	ND	2	7	1	2	2	32	.17	.04	9	27	.98	277	.20	4	2.03	.07	1.33	2	1																															
1032	2	77	3	29	.4	3	3	249	2.66	3	3	ND	2	16	1	3	2	22	.20	.04	9	7	.54	157	.14	9	1.34	.06	.73	2	2																															
1033	1	3	1	34	.1	3	4	254	2.08	4	2	ND	2	17	1	3	2	11	.32	.04	10	2	.29	118	.16	3	1.10	.06	.55	2	1																															
1034	1	4	1	33	.1	2	2	245	2.32	2	2	ND	4	15	1	3	2	5	.26	.03	13	2	.17	66	.14	28	.80	.05	.59	1	1																															
1035	2	6	4	11	.1	1	1	100	.68	2	2	ND	8	4	1	2	2	2	.19	.01	3	2	.11	25	.04	23	.46	.06	.12	2	1																															
1036	1	5	2	19	.1	2	2	108	.68	2	2	ND	4	6	1	2	2	2	.09	.01	6	3	.16	38	.05	2	.48	.05	.23	2	1																															
STD A-1	1	29	37	179	.4	33	13	941	2.78	12	2	ND	2	36	1	5	2	55	.62	.10	8	64	.63	250	.10	7	2.00	.02	.20	2	310																															

UMEX INCORPORATION FILE # 84-0659

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SAMPLE #	No ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	KI ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Br ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Autl ppm
1074	1	26	1	52	.1	41	13	442	3.39	6	2	ND	2	11	1	2	2	56	1.47	.07	2	69	1.10	68	.22	3	1.98	.12	.50	2	2
1075	1	11	1	8	.1	3	2	69	.48	4	2	ND	3	4	1	2	2	6	.08	.01	12	1	.11	19	.03	7	.40	.03	.19	2	1
1076	2	260	28	196	.4	40	17	275	2.72	22	2	ND	2	13	1	2	2	33	.79	.05	9	47	.84	50	.16	7	1.67	.07	.34	3	7
1077	1	18	1	84	.1	7	4	152	5.19	8	11	ND	2	3	1	2	2	30	.10	.04	2	6	.90	151	.20	2	2.71	.04	1.67	2	1
1078	1	4	1	175	.1	8	4	313	3.82	6	2	ND	2	3	1	2	2	13	.16	.03	2	5	.65	72	.13	4	2.11	.03	1.00	2	2
1079	2	57	3	11	.3	1	1	39	1.45	22	2	ND	3	5	1	2	2	2	.06	.01	3	1	.04	57	.03	3	.29	.04	.09	2	3
1080	1	6	1	137	.1	10	8	77	3.71	418	10	ND	2	3	1	2	2	27	.08	.03	2	6	.86	133	.17	4	2.19	.04	1.34	2	1
1081	1	41	1	178	.1	43	15	414	9.42	7	19	ND	2	3	1	2	2	82	.13	.06	31	101	2.17	236	.30	2	4.99	.03	2.43	2	1
1082	2	50	3	50	.1	1	1	96	2.13	7	2	ND	3	5	1	2	2	2	.03	.01	9	1	.26	72	.06	4	.63	.04	.33	2	1
1083	1	8	1	46	.1	22	9	229	2.56	3	4	ND	2	6	1	2	2	32	.20	.04	8	26	1.02	229	.19	5	1.95	.07	1.26	2	1
1084	20	1362	1	169	5.5	13	7	291	2.74	3	2	ND	3	3	1	2	2	7	.09	.01	11	2	1.56	85	.10	6	2.15	.02	1.22	2	29
1085	2	43	1	39	.1	12	8	258	3.01	6	3	ND	2	19	1	2	2	33	.32	.04	7	10	.68	177	.19	4	1.80	.14	.99	2	4
1086	1	19	1	114	.1	7	5	478	4.22	6	6	ND	2	4	1	2	2	24	.09	.04	3	8	.88	153	.17	4	2.24	.04	1.35	2	2
1087	1	32	1	231	.2	11	9	174	4.73	3	8	ND	2	4	1	2	2	25	.10	.04	2	21	1.01	172	.20	3	2.54	.05	1.61	2	1
1088	1	3	1	16	.1	8	2	103	1.12	2	2	ND	2	7	1	2	2	8	.15	.01	2	8	.35	56	.08	5	.83	.06	.42	2	1
1089	2	24	1	30	.1	3	3	205	2.16	6	2	ND	2	13	1	2	2	4	.30	.03	15	2	.26	91	.11	5	.86	.06	.32	2	1
1090	1	115	1	23	.3	4	2	110	1.20	7	2	ND	2	11	1	2	2	12	.22	.02	2	4	.33	62	.08	6	.82	.03	.40	2	3
1091	1	126	1	113	.3	11	10	541	5.06	24	3	ND	2	4	1	2	2	25	.11	.04	2	18	.79	190	.16	4	2.32	.05	1.14	2	4
1092	1	4	1	25	.1	19	6	145	1.79	4	5	ND	2	3	1	2	2	12	.14	.03	6	12	.60	62	.07	5	1.19	.04	.37	2	1
1093	1	3	1	124	.1	1	3	386	2.68	5	2	ND	3	1	1	2	2	2	.03	.01	2	2	1.35	71	.07	4	2.11	.01	1.03	2	1
1094	1	4	1	28	.1	1	1	159	.99	3	2	ND	2	5	1	2	2	2	.14	.01	5	2	.16	49	.05	8	.57	.04	.17	2	1
1095	2	62	1	35	.1	2	4	222	2.19	4	4	ND	3	6	1	2	2	4	.14	.03	15	1	.48	136	.13	5	1.20	.06	.73	2	1
1096	1	13	1	24	.1	4	4	174	1.53	5	2	ND	2	16	1	2	2	7	.27	.02	7	3	.47	96	.10	9	1.08	.05	.54	2	1
1097	1	10	1	23	.1	3	3	167	1.45	5	2	ND	2	20	1	2	2	6	.29	.02	7	3	.44	99	.10	6	1.07	.08	.51	2	1
1098	1	4	1	121	.1	17	8	242	2.78	5	2	ND	2	12	1	2	2	27	.37	.04	12	9	1.55	103	.11	6	2.51	.10	.86	2	1
1099	1	12	2	10	.1	2	2	80	.75	2	2	ND	5	5	1	2	2	2	.10	.01	19	1	.16	38	.03	4	.53	.05	.18	2	1
1100	1	5	1	34	.1	56	12	264	2.26	5	2	ND	2	8	1	2	2	36	.71	.05	7	34	1.23	169	.13	5	1.63	.10	.71	2	1
1101	1	4	1	23	.1	42	12	191	1.89	5	2	ND	2	4	1	2	2	27	.63	.04	6	40	1.23	55	.09	4	1.51	.08	.18	2	1
1102	1	78	1	94	.1	132	35	382	7.11	8	2	ND	2	5	1	2	2	85	.67	.04	3	97	4.36	194	.29	5	5.28	.02	.76	2	1
1103	1	73	1	32	.1	44	16	278	2.95	5	2	ND	2	38	1	2	2	64	1.64	.20	12	35	1.12	92	.16	4	2.00	.20	.35	2	3
1104	1	5	1	30	.1	77	15	245	2.74	6	2	ND	2	12	1	2	2	43	.54	.05	6	70	1.58	111	.18	2	2.02	.08	.84	2	1
1105	1	73	1	36	.1	112	24	290	3.37	12	2	ND	2	40	1	2	2	52	1.02	.06	4	70	2.01	214	.17	5	3.93	.31	1.64	2	1
1106	1	20	3	23	.1	5	3	120	1.11	5	2	ND	4	5	1	2	2	2	.11	.01	9	4	.45	21	.05	6	.69	.07	.12	2	2
1107	1	12	3	25	.1	3	2	218	2.12	5	2	ND	3	16	1	2	2	4	.27	.02	6	6	.16	53	.11	9	.76	.07	.30	2	1
1108	1	4	2	45	.1	10	3	338	2.30	6	3	ND	3	15	1	2	2	7	.28	.03	11	6	.27	45	.11	7	.85	.06	.27	2	1
1109	1	43	4	16	.1	3	1	103	1.09	4	2	ND	2	12	1	2	2	12	.20	.03	5	8	.16	26	.11	5	.53	.08	.22	2	1
1110	1	53	1	27	.1	22	6	277	2.70	5	2	ND	2	11	1	2	2	18	1.07	.02	2	5	.49	23	.06	5	1.13	.12	.18	2	1
STD A-1	1	30	37	179	.3	35	13	941	2.78	12	2	ND	2	36	1	2	2	55	.62	.10	7	64	.63	250	.10	6	2.01	.02	.20	2	310



52J07SW0014 52J07SW0025 HOUGHTON LAKE

900

Mining Lands Section

File No 2.7134

Control Sheet

TYPE OF SURVEY GEOPHYSICAL

GEOLOGICAL

GEOCHEMICAL

EXPENDITURE

MINING LANDS COMMENTS:

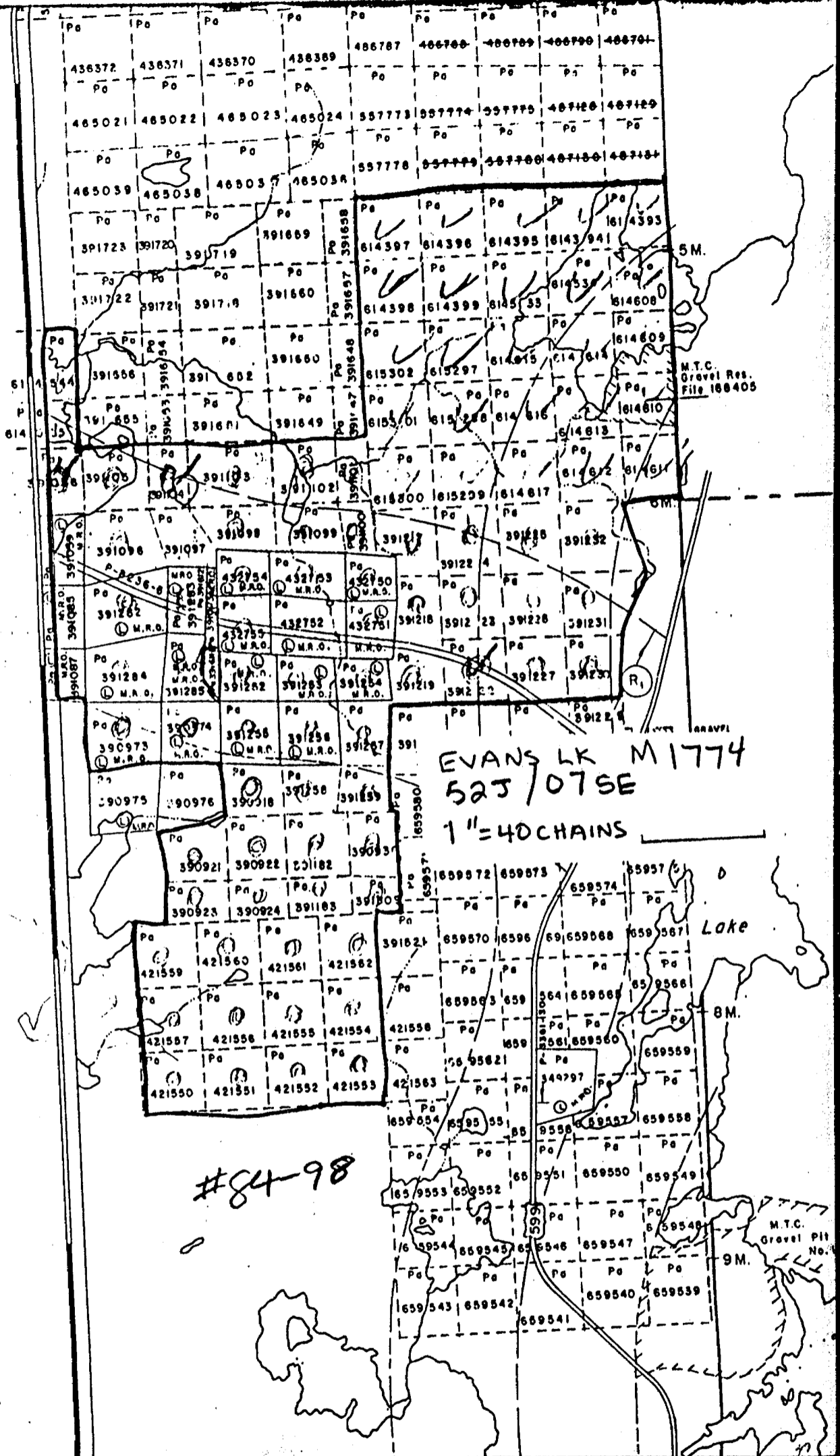
Lgd.

L.D.

Dennis King
Signature of Assessor

Oct. 15/84
Date

HOUGHTON LAKE - M.2165



#84-98

EVANS LK M 1774
523/07SE
1" = 40 CHAINS

M.T.C.
Gravel Res.
File 188405

Lake

M.T.C.
Gravel Pit
No.



Recorded Holder UMAX INC

Township or Area EVANS LAKE & HOUGHTON LAKE AREA

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical	\$7348.50 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS:
Electromagnetic _____ days	PA 390918
Magnetometer _____ days	390921 to 24 inclusive
Radiometric _____ days	390928
Induced polarization _____ days	390936 644969 to 74 inclusive
Other _____ days	390973-74
Section 77 (19) See "Mining Claims Assessed" column	391003
Geological _____ days	391054 to 59 inclusive
Geochemical _____ days	391084 to 87 inclusive
Man days <input type="checkbox"/> Airborne <input type="checkbox"/>	391096
Special provision <input type="checkbox"/> Ground <input type="checkbox"/>	391098 to 105 inclusive
<input type="checkbox"/> Credits have been reduced because of partial coverage of claims.	391133
<input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	391182-83
	391217 to 19 inclusive
	391222 to 27 inclusive
	391230 to 32 inclusive
	391252 to 59 inclusive
	391282 to 85 inclusive
	391296
	391299
	391509
	421550 to 57 inclusive
	421559 to 62 inclusive
	432750 to 55 inclusive
	611668 to 70 inclusive
	632385 to 87 inclusive
	632392
	644966-67

490 Days Credit allowed which may be grouped in accordance with Section 76(6) of the Mining Act.

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

- not sufficiently covered by the survey
- Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—60;



Recorded Holder UMEX INC

Township or Area HOLLINGTON LAKE

Type of survey and number of Assessment days credit per claim	Mining Claims Assessed
Geophysical Electromagnetic _____ days Magnetometer _____ days Radiometric _____ days Induced polarization _____ days Other _____ days Section 77 (19) See "Mining Claims Assessed" column Geological _____ days Geochemical _____ days Man days <input type="checkbox"/> Airborne <input type="checkbox"/> Special provision <input type="checkbox"/> Ground <input type="checkbox"/> <input type="checkbox"/> Credits have been reduced because of partial coverage of claims. <input type="checkbox"/> Credits have been reduced because of corrections to work dates and figures of applicant.	\$5279.85 SPENT ON ASSAYING SAMPLES TAKEN FROM MINING CLAIMS: PA 614596 614603 to 07 inclusive 614753 to 55 inclusive 614757 to 60 inclusive 614763 to 66 inclusive 614768 614771 614775-76 614779-80 614782 614784 to 91 inclusive 615092 615097 615100-01 615307 to 11 inclusive 644984-85 352 DAYS CREDIT ALLOWED WHICH MAY BE GROUPED IN ACCORDANCE WITH SECTION 76(6) OF THE MINING ACT

Special credits under section 77 (16) for the following mining claims

No credits have been allowed for the following mining claims

not sufficiently covered by the survey Insufficient technical data filed

The Mining Recorder may reduce the above credits if necessary in order that the total number of approved assessment days recorded on each claim does not exceed the maximum allowed as follows: Geophysical — 80; Geological — 40; Geochemical — 40; Section 77(19)—60;



Ministry of
Natural
Resources

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

#84-98

Instructions: - Please type or print.
- If number of mining claims traversed
exceeds space on this form, attach a list.
Note: - Only days credits calculated in the
"Expenditures" section may be entered
in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

2.7134

The Mining Act

Type of Survey(s) Geochemical Analyses		Township or Area M-1774 & M-2168																																																																																																																																																	
Claim Holder(s) UMEX Inc		Prospector's Licence No. T-133 are																																																																																																																																																	
Address 1935 Leslie St., Don Mills, Ont. M3B 2M3																																																																																																																																																			
Survey Company Acme Analytical		Date of Survey (from & to) Day Mo. Yr. Day Mo. Yr.																																																																																																																																																	
Name and Address of Author of Geo-Technical report F. Felder, c/o UMEX Inc, 1935 Leslie St., Don Mills, Ont., M3B 2M3																																																																																																																																																			
Credits Requested per Each Claim in Columns at right		Mining Claims Traversed (List in numerical sequence)																																																																																																																																																	
Special Provisions For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	Geophysical - Electromagnetic - Magnetometer - Radiometric - Other Geological Geochemical	Days per Claim	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Prefix</th> <th>Mining Claim Number</th> <th>Expend. Days Cr.</th> <th>Prefix</th> <th>Mining Claim Number</th> <th>Expend. Days Cr.</th> </tr> </thead> <tbody> <tr><td>Pa</td><td>614543</td><td>40</td><td>Pa</td><td>614612</td><td>6</td></tr> <tr><td></td><td>614544</td><td>40</td><td></td><td>614613</td><td>6</td></tr> <tr><td></td><td>614535</td><td>40</td><td></td><td>614614</td><td>6</td></tr> <tr><td></td><td>614536</td><td>40</td><td></td><td>614615</td><td>6</td></tr> <tr><td></td><td>614537</td><td>40</td><td></td><td>614616</td><td>6</td></tr> <tr><td></td><td>614393</td><td>6</td><td></td><td>614617</td><td>6</td></tr> <tr><td></td><td>614394</td><td>6</td><td></td><td>615297</td><td>6</td></tr> <tr><td></td><td>614395</td><td>6</td><td></td><td>615298</td><td>6</td></tr> <tr><td></td><td>614396</td><td>6</td><td></td><td>615299</td><td>6</td></tr> <tr><td></td><td>614397</td><td>6</td><td></td><td>615300</td><td>6</td></tr> <tr><td></td><td>614398</td><td>6</td><td></td><td>615301</td><td>6</td></tr> <tr><td></td><td>614399</td><td>6</td><td></td><td>615302</td><td>6</td></tr> <tr><td></td><td>614533</td><td>6</td><td></td><td>632386</td><td>16</td></tr> <tr><td></td><td>614534</td><td>6</td><td></td><td>632387</td><td>16</td></tr> <tr><td></td><td>632384</td><td>5</td><td></td><td>391104</td><td>7</td></tr> <tr><td></td><td>391055</td><td>21</td><td></td><td>391222</td><td>7</td></tr> <tr><td></td><td>390927</td><td>21</td><td></td><td></td><td></td></tr> <tr><td></td><td>391054</td><td>26</td><td></td><td></td><td></td></tr> <tr><td></td><td>391056</td><td>20</td><td></td><td></td><td></td></tr> <tr><td></td><td>614608</td><td>6</td><td></td><td></td><td></td></tr> <tr><td></td><td>614609</td><td>6</td><td></td><td></td><td></td></tr> <tr><td></td><td>614610</td><td>6</td><td></td><td></td><td></td></tr> <tr><td></td><td>614611</td><td>6</td><td></td><td></td><td></td></tr> </tbody> </table>	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Pa	614543	40	Pa	614612	6		614544	40		614613	6		614535	40		614614	6		614536	40		614615	6		614537	40		614616	6		614393	6		614617	6		614394	6		615297	6		614395	6		615298	6		614396	6		615299	6		614397	6		615300	6		614398	6		615301	6		614399	6		615302	6		614533	6		632386	16		614534	6		632387	16		632384	5		391104	7		391055	21		391222	7		390927	21					391054	26					391056	20					614608	6					614609	6					614610	6					614611	6			
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Airborne Credits Note: Special provisions credits do not apply to Airborne Surveys.	Electromagnetic Magnetometer Radiometric	Days per Claim																																																																																																																																																	
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Calculation of Expenditure Days Credits Total Expenditures \$ 7,348.50 + 15 = 489 Total Days Credits																																																																																																																																																			
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Date July 10 1984	(Recorded Holder or Agent) (Signature) 																																																																																																																																																		
Certification Verifying Report of Work I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.																																																																																																																																																			
Name and Postal Address of Person Certifying Mr. F. Felder, c/o UMEX Inc, 1935 Leslie St., Don Mills, Ont. M3B 2M3																																																																																																																																																			
Date Certified July 11 1984	Certified by (Signature) 																																																																																																																																																		

1362 (R1/81)

See Journal
work
Statement

Pa. 390925

Total number of mining
claims covered by this
report of work. **39**

For Office Use Only			
Total Days Cr. Recorded 489	Date Recorded July 16 1984	Mining Recorder 	
Date Approved as Recorded July 16 1984	Branch Director 		



Ministry of
Natural
Resources
Ontario

Report of Work
(Geophysical, Geological,
Geochemical and Expenditures)

#84-99

Instructions: - Please type or print.
- If number of mining claims traversed
exceeds space on this form, attach a list.
Note: - Only days credits calculated in the
"Expenditures" section may be entered
in the "Expend. Days Cr." columns.
- Do not use shaded areas below.

The Mining Act

Q.7134

Type of Survey(s) Geochemical Analyses	Township or Area Evans Lake & Houghton Lake
Claim Holder(s) UMEX Inc	Inspector's Licence No. T-133
Address 1935 Leslie St., Don Mills, Ont., M3B 2M3	
Survey Company Acme Analytical	Date of Survey (from & to) Day Mo. Yr. Day Mo. Yr.
Name and Address of Author (of Geo-Technical report) F. Felder, c/o UMEX Inc, 1935 Leslie St., Don Mills, Ont. M3B 2M3	

Credits Requested per Each Claim in Columns at right			Mining Claims Traversed (List in numerical sequence)					
Special Provisions	Geophysical	Days per Claim	Mining Claim			Mining Claim		
			Prefix	Number	Expend. Days Cr.	Prefix	Number	Expend. Days Cr.
For first survey: Enter 40 days. (This includes line cutting) For each additional survey: using the same grid: Enter 20 days (for each)	- Electromagnetic		Pa	614789	40			
	- Magnetometer			614790	40			
	- Radiometric			614791	40			
	- Other			614779	40			
	Geological			614780	40			
	Geochemical			614781	40			
	Geophysical			614767	29			
	- Electromagnetic			615309	7			
	- Magnetometer			615101	22			
	- Radiometric			615307	22			
- Other			615100	22				
Geological								
Geochemical								
Man Days	Geophysical	Days per Claim						
Complete reverse side and enter total(s) here	- Electromagnetic							
	- Magnetometer							
	- Radiometric							
	- Other							
	Geological							
	Geochemical							
Airborne Credits	Electromagnetic	Days per Claim						
Note: Special provisions credits do not apply to Airborne Surveys.	Magnetometer							
	Radiometric							

PATRICIA MINGOS
RECEIVED
JUL 10 1984
M.M. 10, 11, 12, 11, 21, 13, 518

See revised work statement

Expenditures (excludes power stripping)

Type of Work Performed **Section 77-19**
Geochemical Analyses

Performed on Claim(s)
Pa 614789, etc...

Calculation of Expenditure Days Credits

Total Expenditures	+	Total Days Credits	=	
\$ 5,279.85		15		352

Instructions
Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Pa. 614393

Total number of mining claims covered by this report of work: **11**

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
352	July 16, 1984	ACT INC.
Date Approved at Recorder's Office	Branch Director	

Date **July 10 1984** Recorded Holder or Agent (Signature) *[Signature]*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying
Mr. F. Felder, c/o UMEX Inc, 1935 Leslie Street, Don Mills, Ont. M3B-2M3

Date Certified **July 11th 1984** Certified by (Signature) *[Signature]*

August 29, 1984

G. 4322

Ontario Ministry of Natural Resources
Mining Lands Branch
Whitney Block, Queen's Park
Toronto, Ontario
M7A 1X1

Attention: Mr. F.W. Matthews

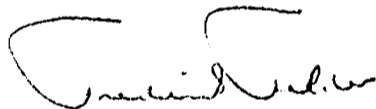
Re: Geochemical Analyses for Assessment Work
on 50 claims in the Evans & Houghton Lake area

Please find enclosed following documents in duplicate for geochemical analyses covering 50 claims in the Evans and Houghton Lake area.

1. 2 Work Reports;
2. Assay results;
3. Invoices;
4. Related maps.

Thank you for your consideration in this matter.

Yours truly,



F. Felder
Exploration Manager

/tn
encl.

RECEIVED
SEP 06 1984
MINING LANDS SECTION

1984 09 14

Your File:
Our File: 2.7134

Mining Recorder
Ministry of Natural Resources
P.O. Box 309
Sioux Lookout, Ontario
POV 2T0

Dear Sir:

We have received Data for Assaying submitted under Section 77(19) of The Mining Act R.S.O. 1980 for Mining Claims PA 614543 et al in the Areas of Evans Lake and Houghton Lake.

This material will be examined and assessed and a statement of assessment work credits will be issued.

We do not have a copy of the report of work which is normally filed with you prior to the submission of this technical data. Please forward a copy as soon as possible.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone:(416)965-6918

A. Barr:sc

cc: Umex Inc
1935 Leslie Street
Don Mills, Ontario
M3B 2H3

1984 09 21

Your File: 84-99
Our File: 2.7168

Mining Recorder
Ministry of Natural Resources
P.O. Box 309
Sioux Lookout, Ontario
POY 2T0

Dear Sir:

We have received Data for Assaying submitted under Section 77(19) of The Mining Act R.S.O. 1980 for Mining Claims PA 614/89 et al in the Areas of Evans Lake and Houghton Lake.

This material will be examined and assessed and a statement of assessment work credits will be issued.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-6918

A.Barr:sc

cc: Umex Incorporated
1935 Leslie Street
Don Mills, Ontario
M3B 2M3
Attn: F. Felder.

October 12, 1984

Our File: 2.7168

Umax Inc
1935 Leslie Street
Don Mills, Ontario
M3B 2M3

Dear Sirs:

RE: Data for Assaying submitted on Mining
Claims PA 614789 et al in the Areas of
Evans Lake and Houghton Lake

In order to complete the above-described submission,
please submit (in duplicate) a sample location plan
to which the assay results can be correlated. When
submitting this information, please quote file 2.7168.

For further information, please contact Susan Hurst
at (416)965-4888.

Yours sincerely,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416)965-4888

S. Hurst:mc

cc: Mining Recorder
Sioux Lookout, Ontario

IN 2.7-134

1984 10 24

File: 2.7134
Your File: 84-88 & 84-99

Mining Recorder
Ministry of Natural Resources
P.O. Box 309
Sioux Lookout, Ontario
POV 2T0

Dear Sir:

RE: Assaying submitted under Section 77(19) of the
Mining Act RSO 1980, on Mining Claims PA 390918
et al in the Areas of Evans Lake and Houghton
Lake

The enclosed statement of assessment work credits for
assaying expenditures has been approved as of the above
date.

Please inform the recorded holder of these mining claims
and so indicate on your records.

Yours very truly,

S.E. Yundt
Director
Land Management Branch

Whitney Block, Room 6643
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: (416) 965-4888

D. Kinvig:mc

cc: Umex Inc
1935 Leslie Street
Don Mills, Ontario
M3B 2M3

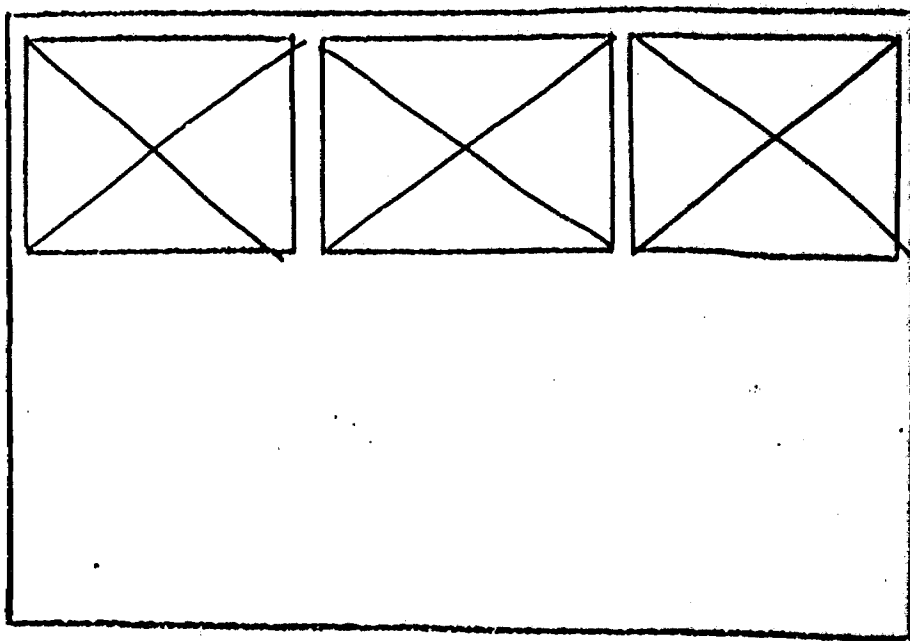
cc: Resident Geologist
Sioux Lookout, Ontario

Encl.

SEE ACCOMPANYING
MAP(S) IDENTIFIED AS

52J/07SW-0025 #1-3

LOCATED IN THE MAP
CHANNEL IN THE FOLLOWING
SEQUENCE (X)



FOR ADDITIONAL

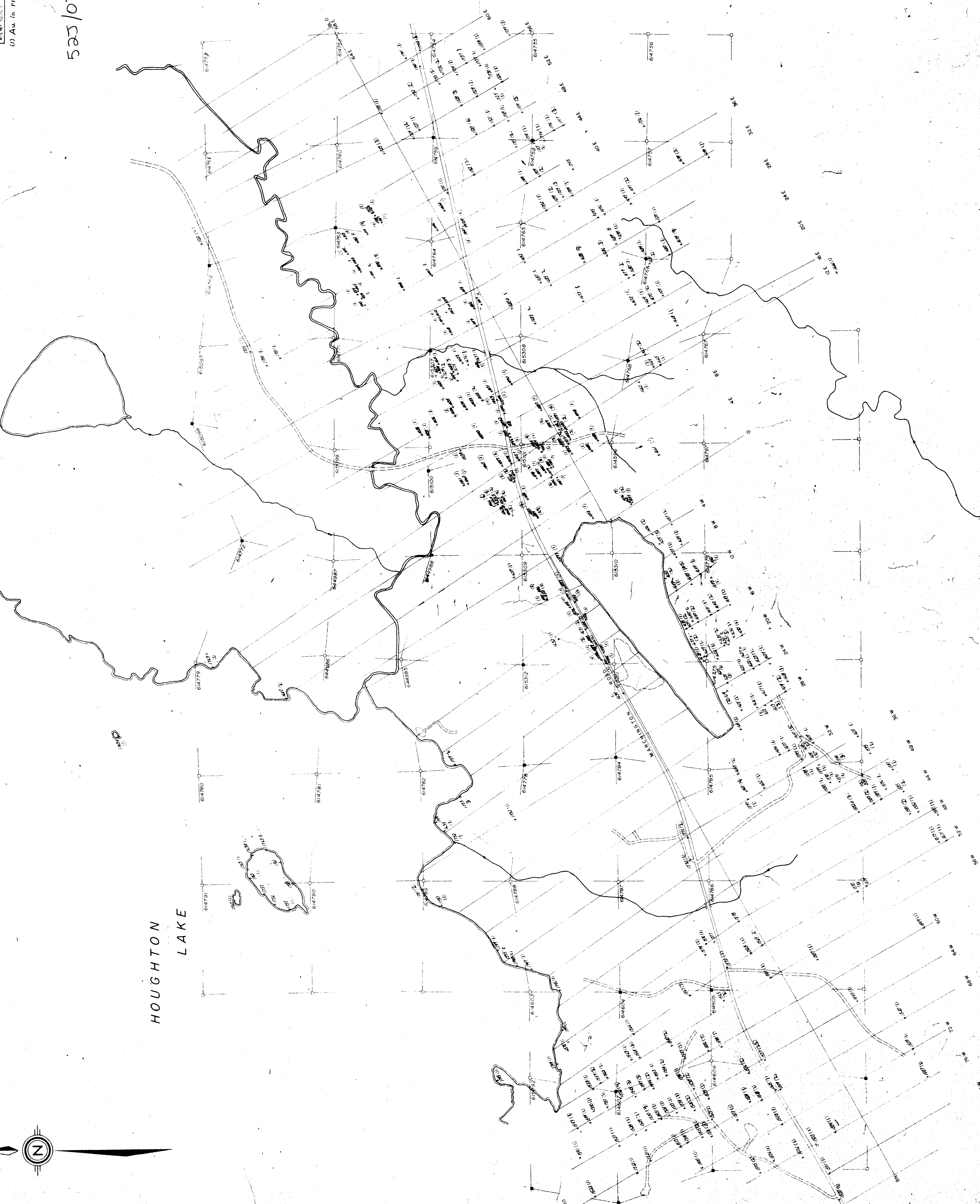
INFORMATION

SEE MAPS:

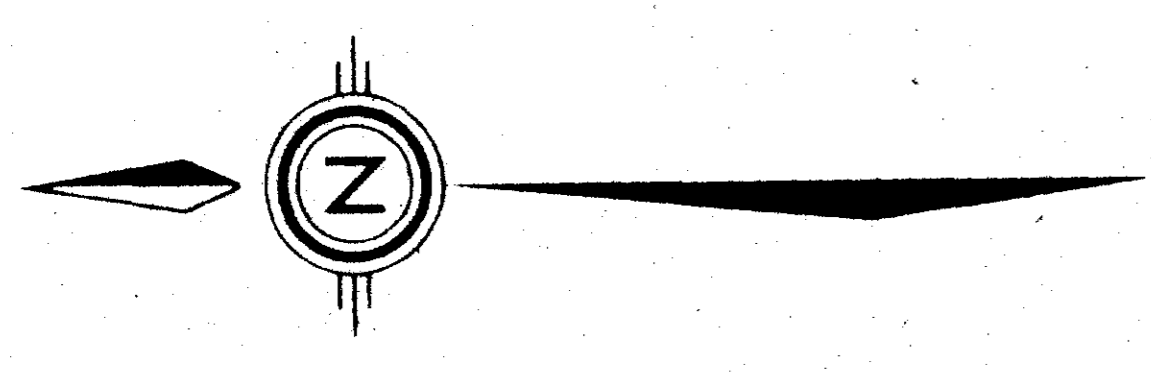
52J/07SW-0025 =||= 4-12

G. S. Miller, M.Sc.
August 28, 1984

525/07SN-0025, #1



HOUGHTON
LAKE

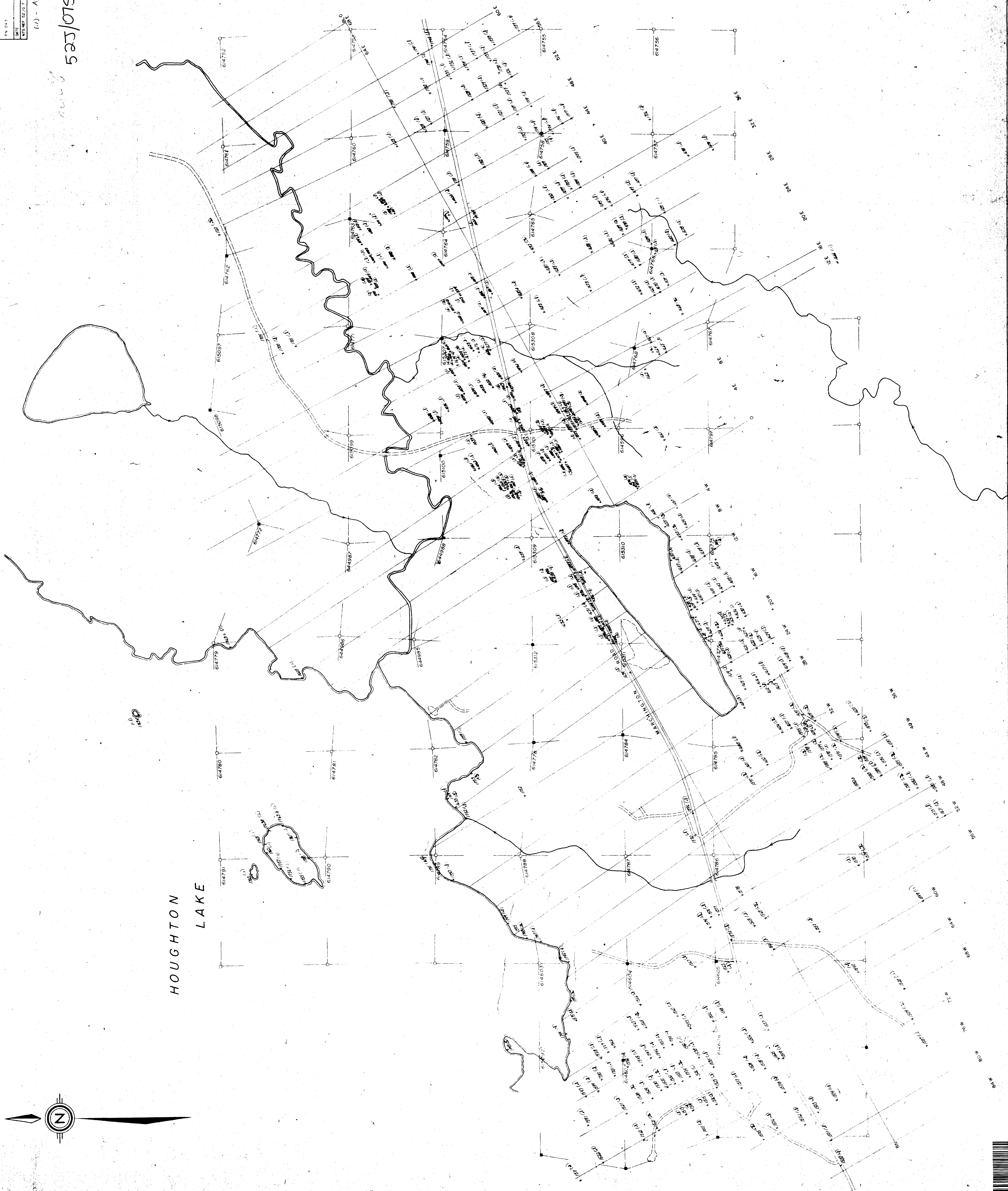


DATE: NOV 28 1984
SCALE: 1:50,000
DRAWN BY: [illegible]
CHECKED BY: [illegible]

W. S. S. S. S.
August 28 & 1984

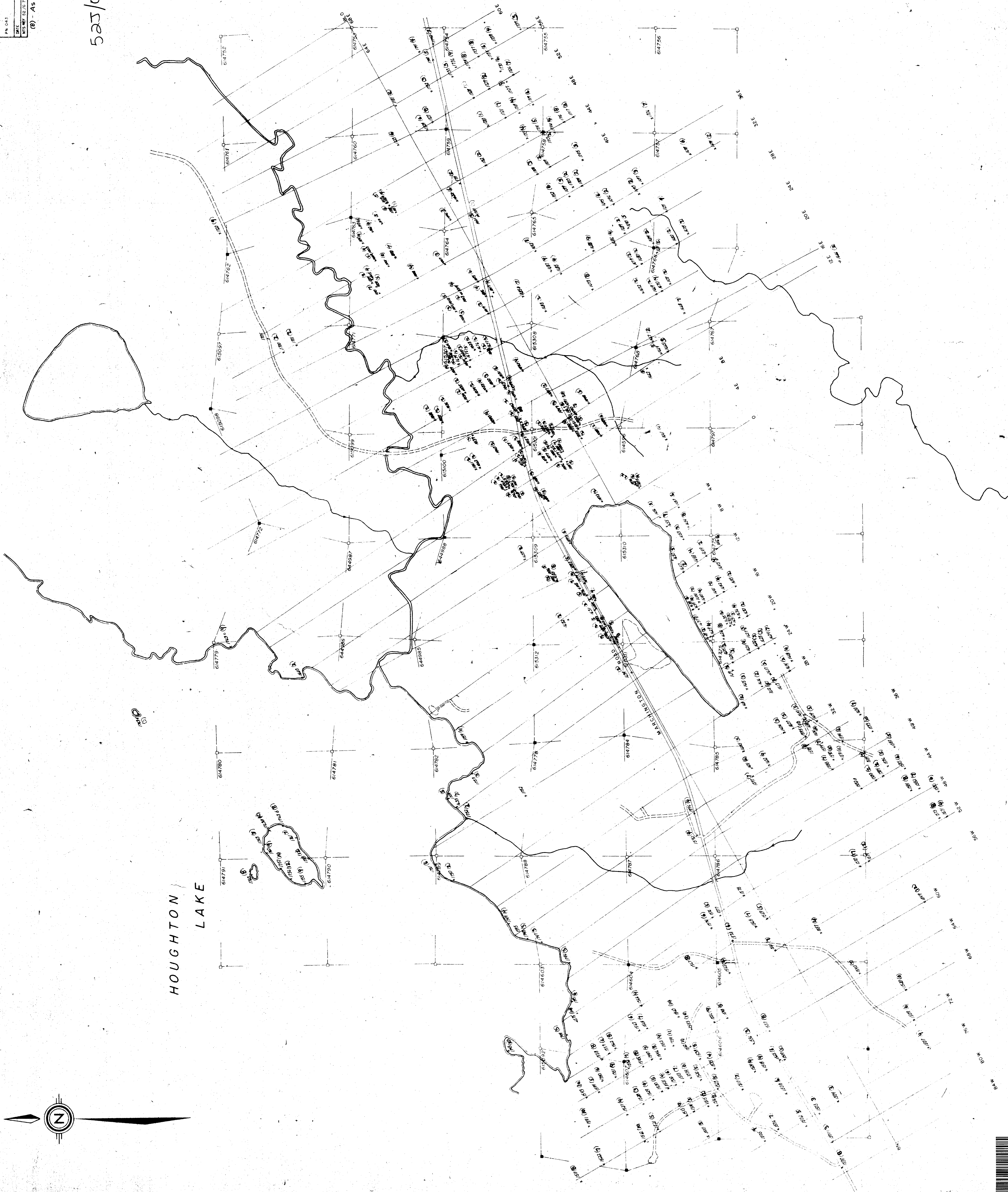
(1) - Ag in ppm.

525/075W-0025, #2



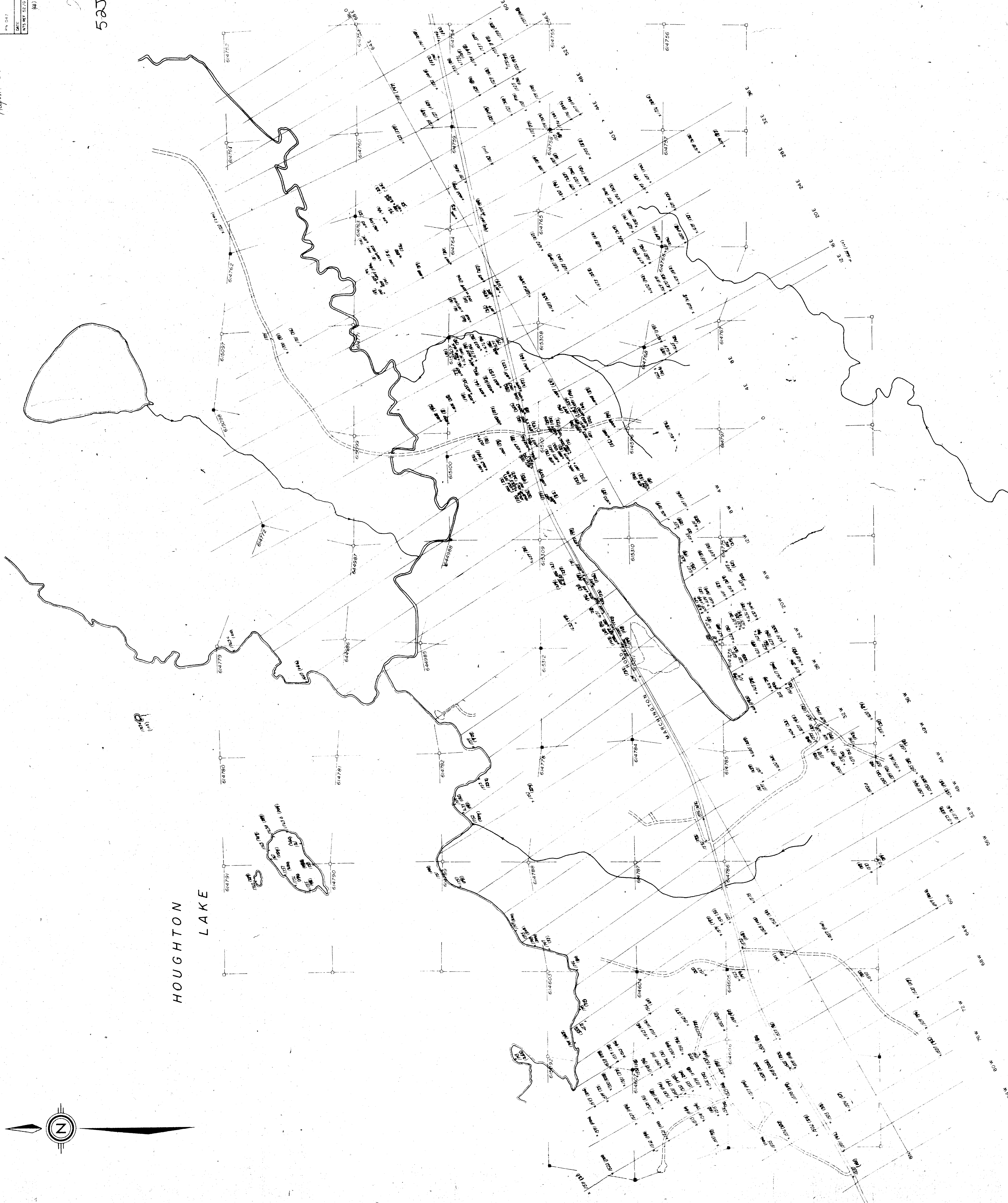
*Completed 17.8c
 August 28, 1981*

525/075N-0025,#3



August 28, 1984
Mis
Ba in ppm

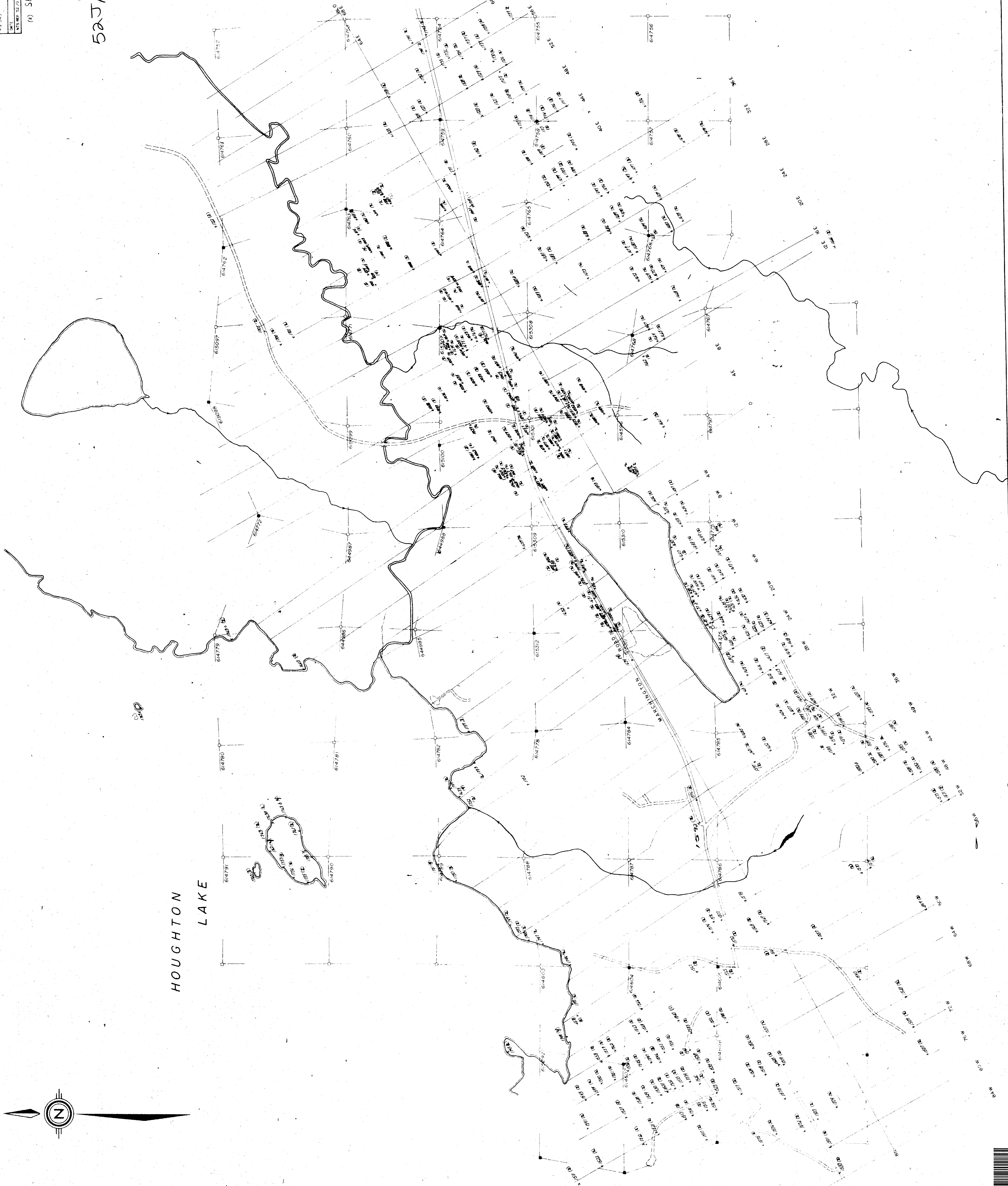
525/075N-0025, #4



August 28, 1987

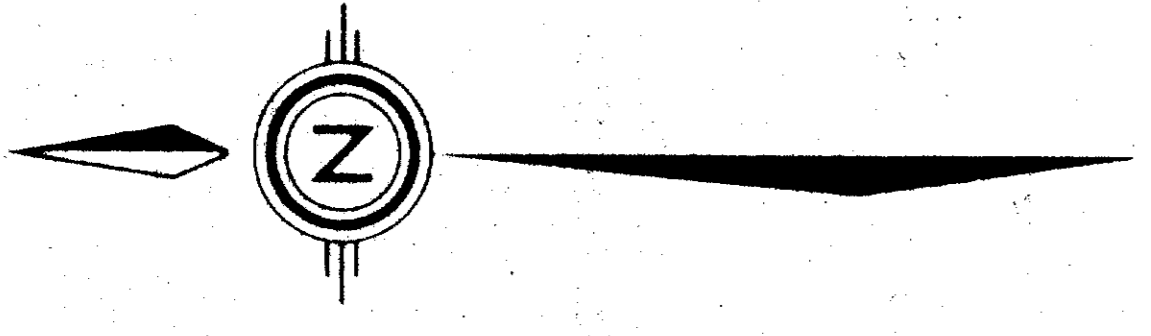
(2) Sh in ppm

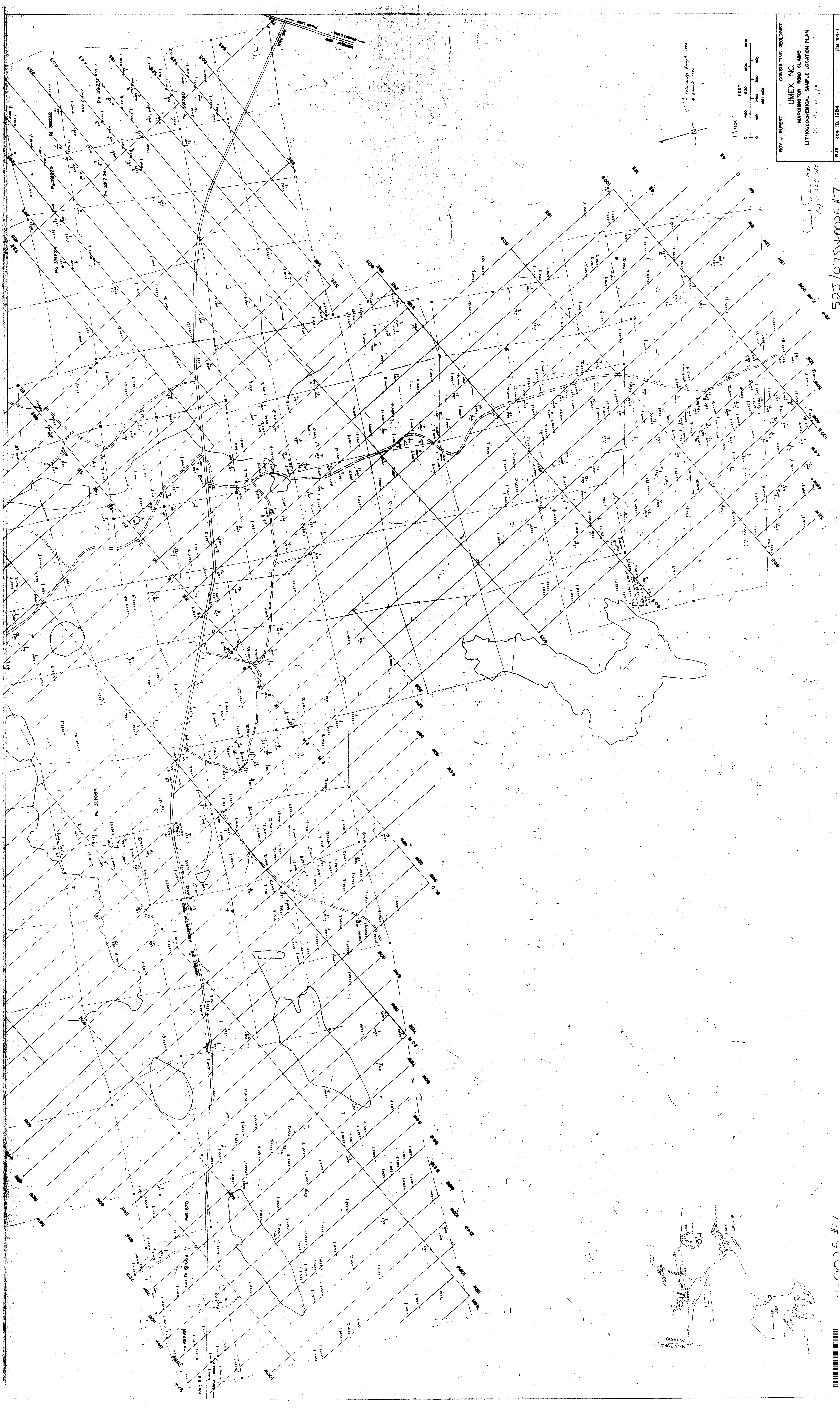
525/075W-0025#16



HOUGHTON
LAKE

MARCELLINE

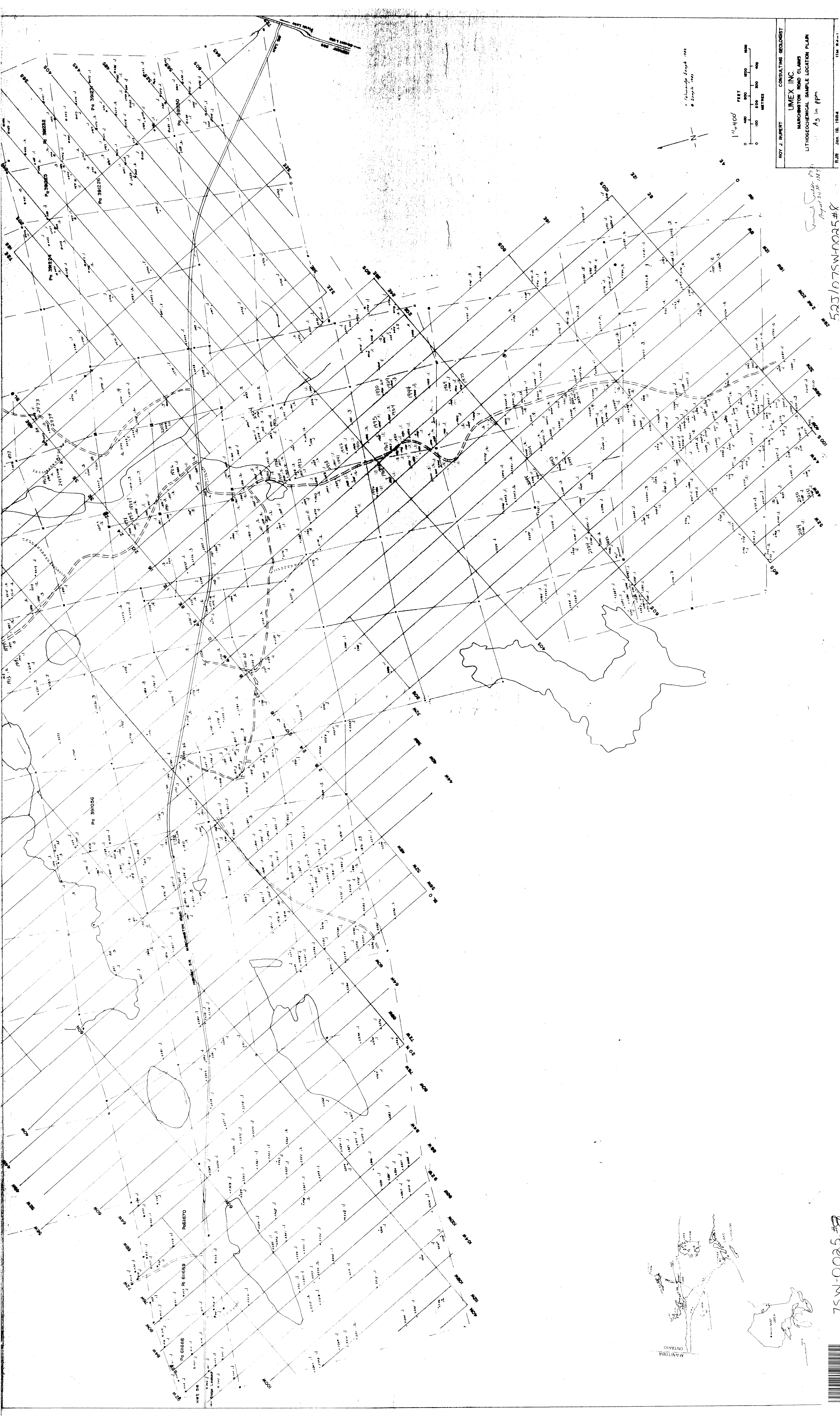




ROY J. RUPERT CONSULTING GEOLOGIST
UMEX INC.
MARCHINGTON ROAD CLAIMS
LITHOGEOCHEMICAL SAMPLE LOCATION PLAN
(C) As in 1984
RJR Jan. 18, 1984
UM 84-1

525/075W-025 #7
C. J. Rupert
Project 208 MY

525/075W-025 #7

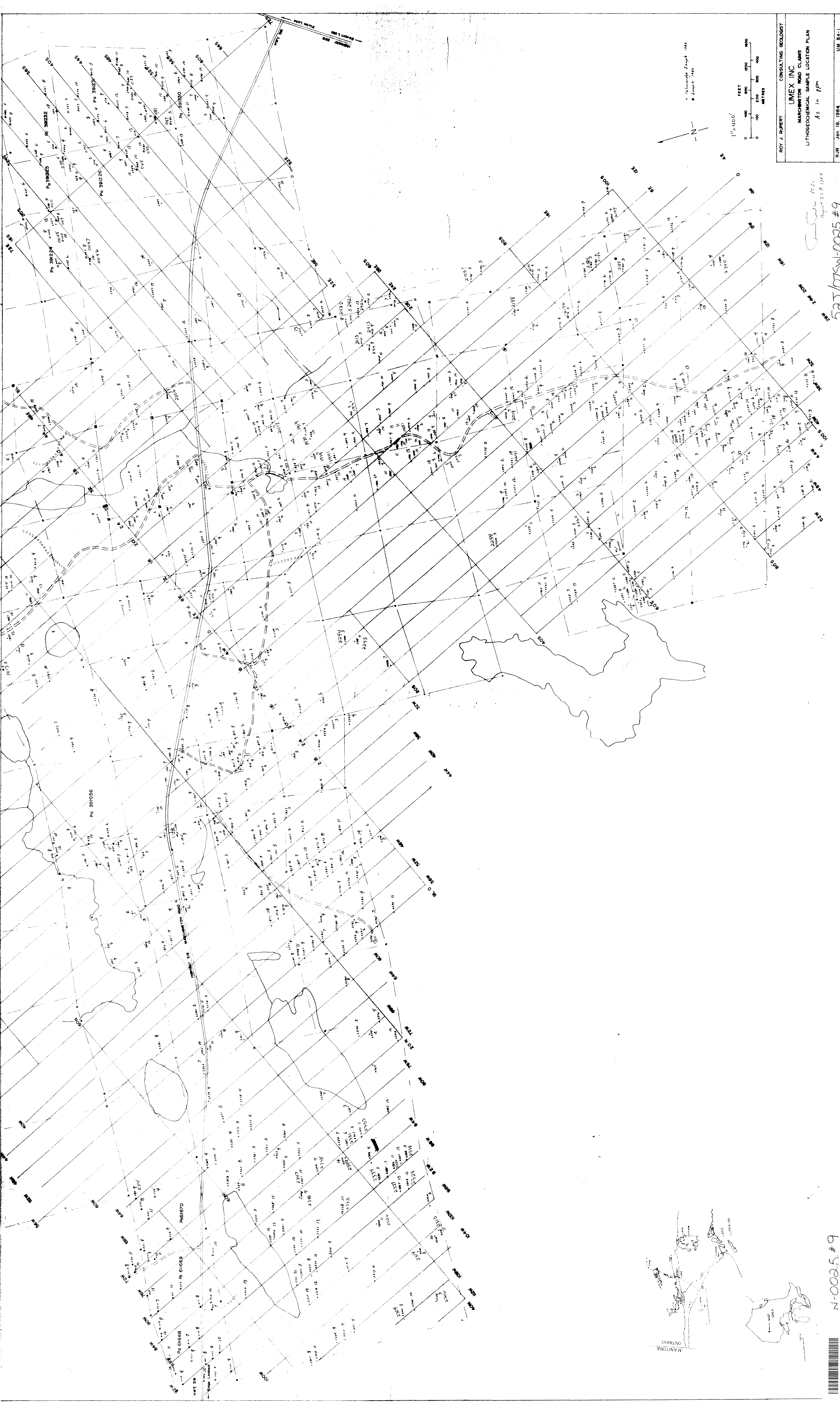


ROY J. RUFERT CONSULTING GEOLOGIST
 UMEX INC.
 MARCHINGTON ROAD GLIMS
 LITHOCHEMICAL SAMPLE LOCATION PLAN
 As in ppm
 RJR Jan. 18, 1984

523/075W-0025 #8
 August 30, 1987
 Roy J. Rufert

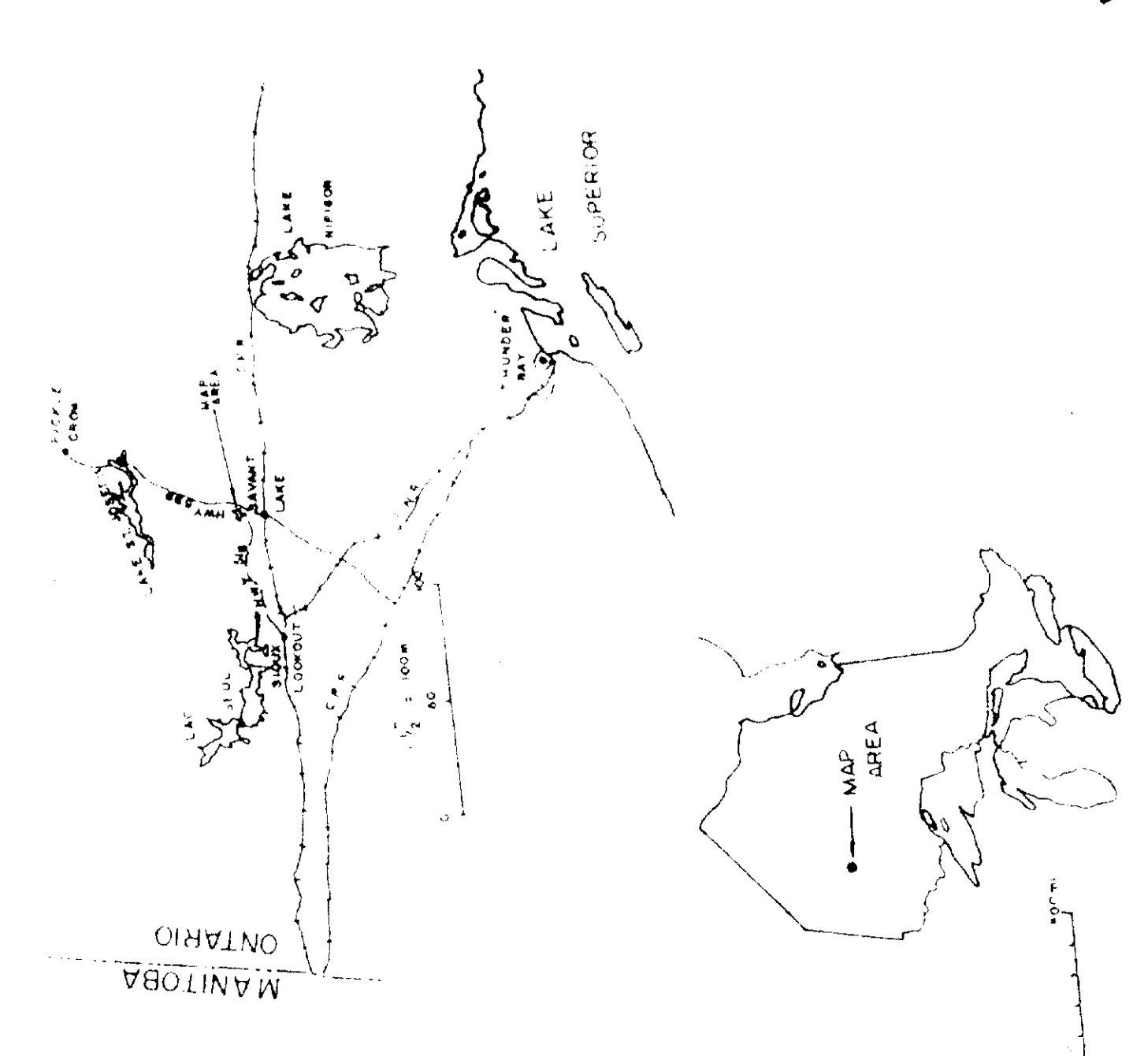
75W-0025 #8

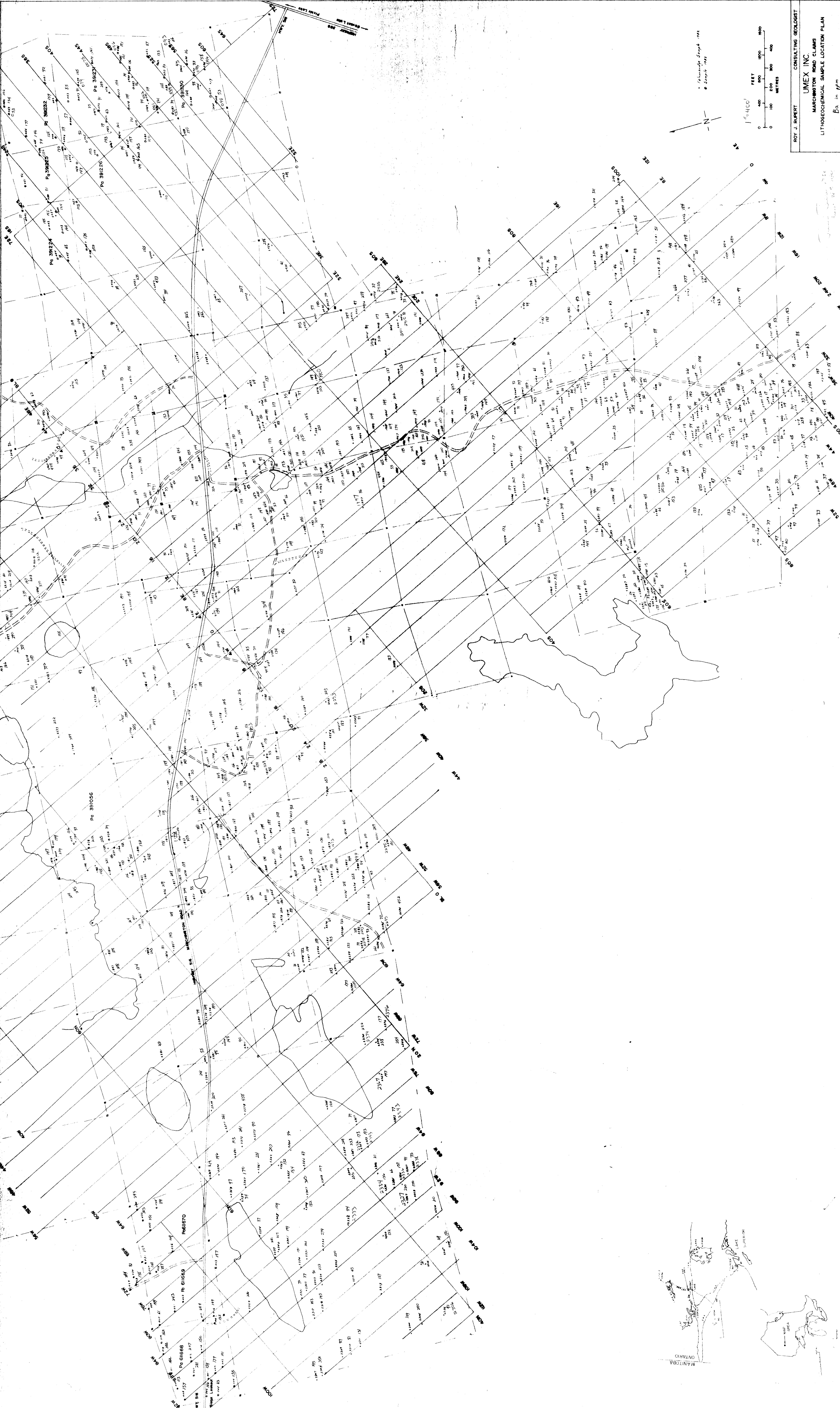




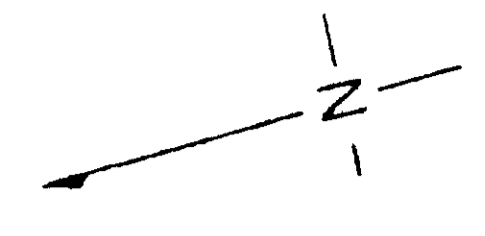
535/075W-0025 #9
 M.S.
 August 20, 1984

N-0025 #9

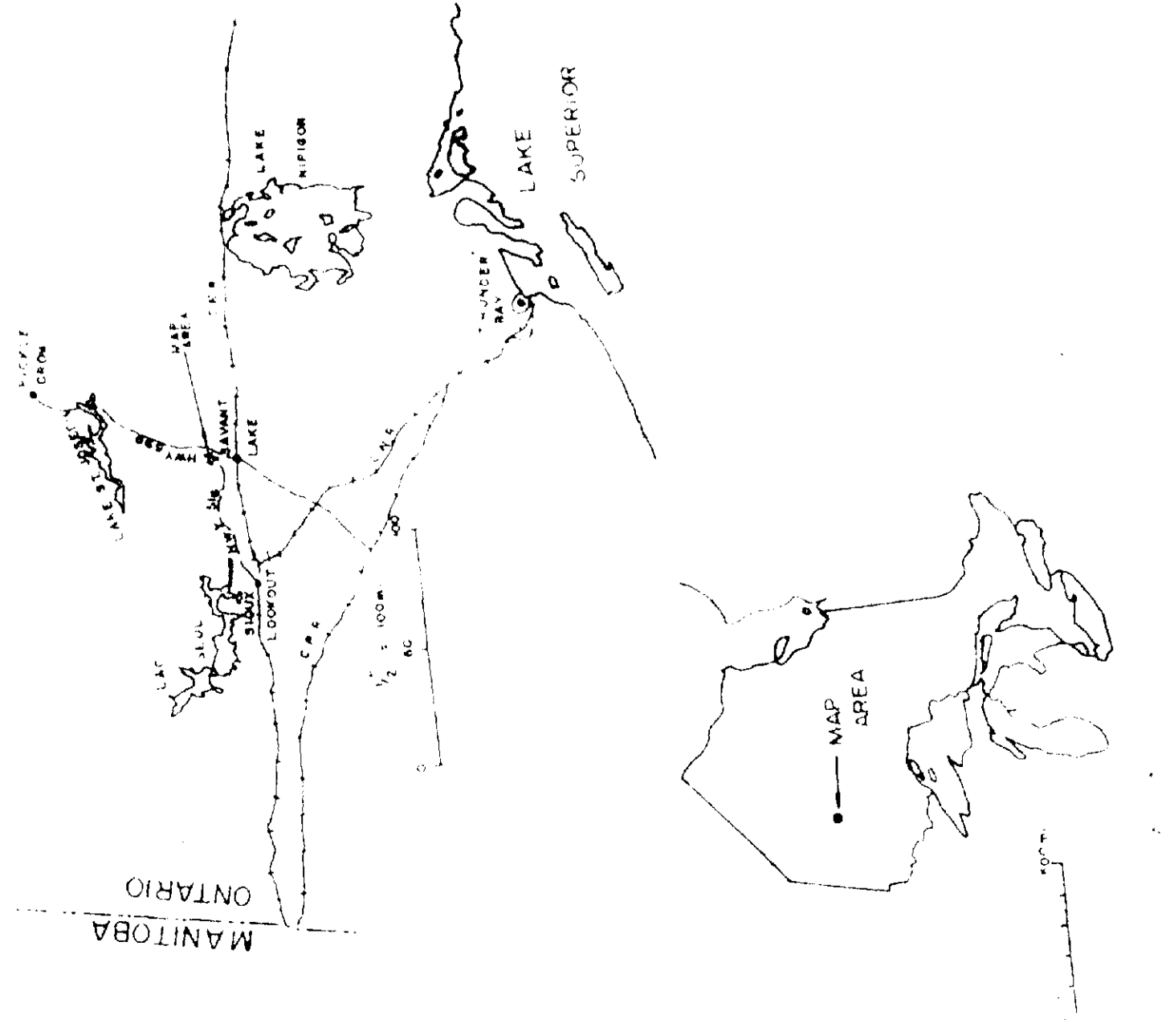


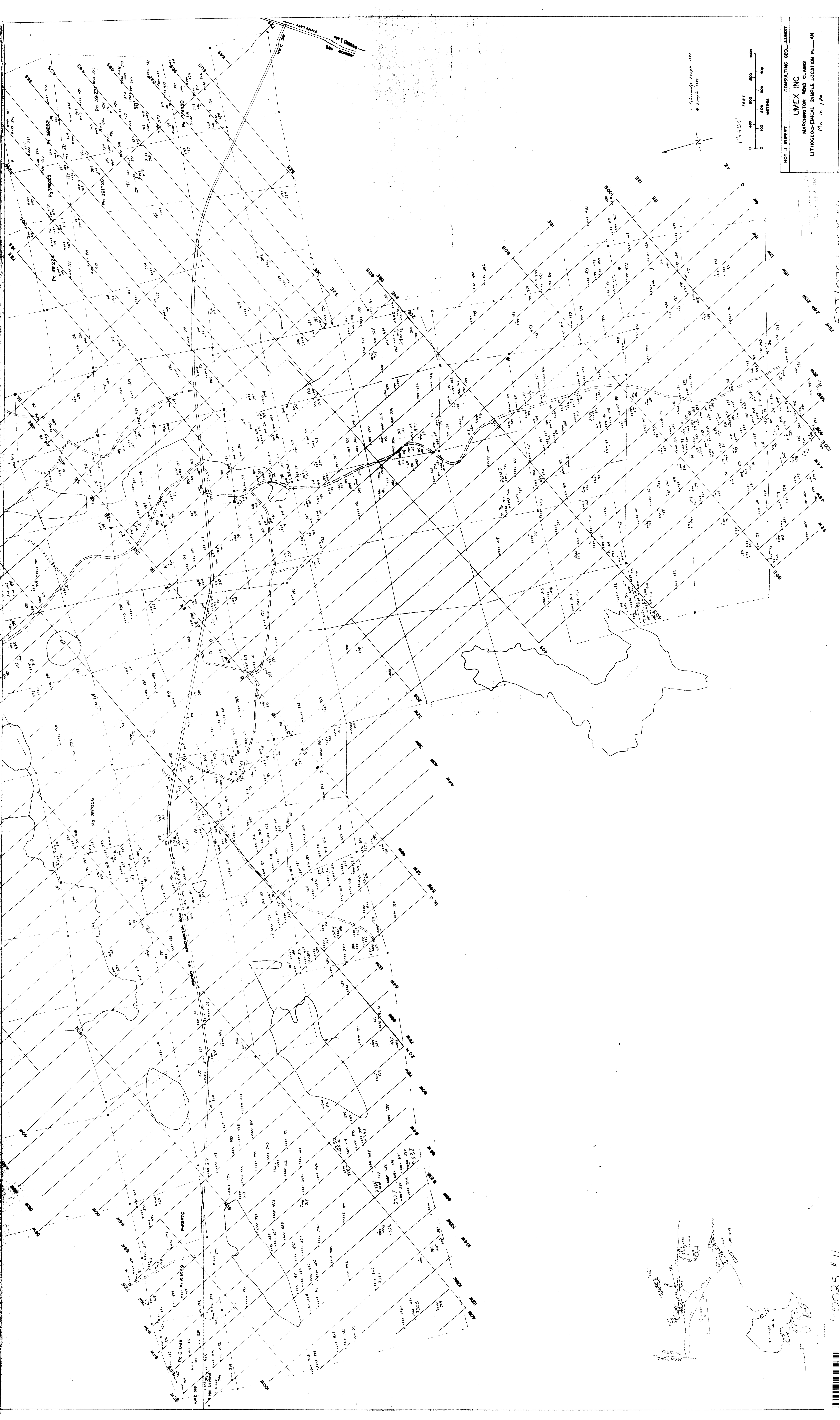


1:5400
 0 100 200 300 400 500
 FEET
 0 100 200 300 400
 METERS



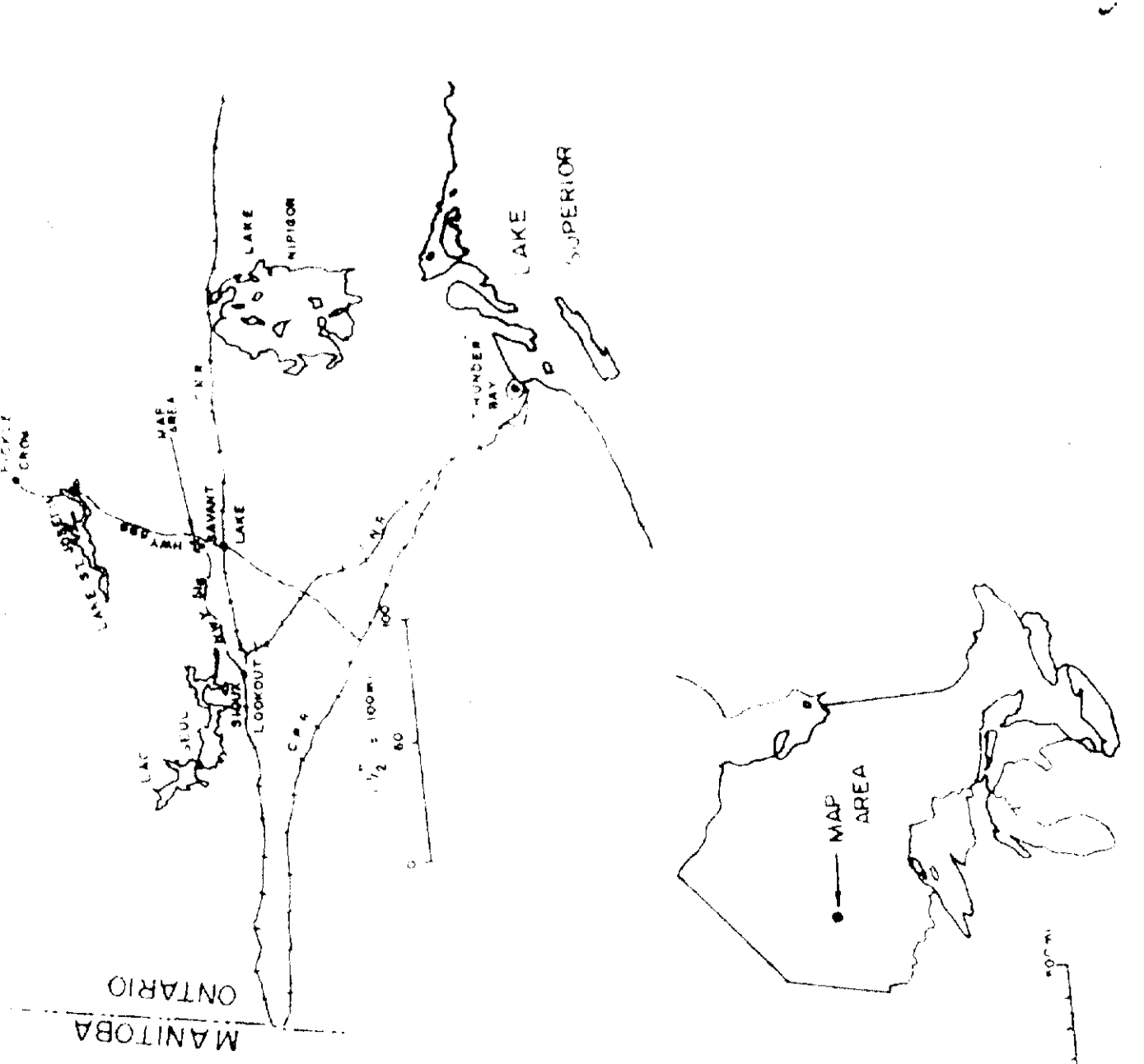
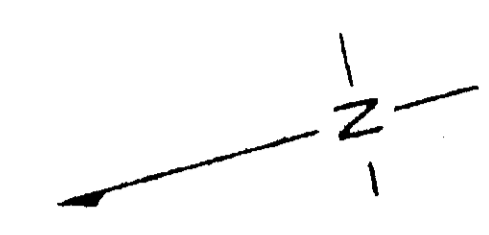
ROY J. RUPERT CONSULTING GEOLOGIST
 UNIMEX INC.
 MARCHINGTON ROAD CLAIMS
 LITHOGEOCHEMICAL SAMPLE LOCATION PLAN
 Ba in 1/2"





ROY J. RUPERT CONSULTING GEOLOGIST
 UMEX INC.
 MARCHINGTON ROAD CLAIMS
 LITHOGEOCHEMICAL SAMPLE LOCATION PLAN
 Min. in 1/4 in

1/5 HCC
 FEET 0 100 200 300 400
 METRES 0 100 200 300 400



1-0025 #11



