

**ROMULUS RESOURCES LTD.**

**ASSESSMENT REPORT - 1992 EXPLORATION PROGRAM**

**PINE PROPERTY**

**OMINECA MINING DIVISION  
BRITISH COLUMBIA  
CANADA**

**VOLUME II**

- APPENDIX A DRILL HOLE AND SURVEY DATA**
- APPENDIX B DRILL HOLE ANALYTICAL DATA - PINE AU-CU PROSPECT**
- APPENDIX C DRILL HOLE GEOLOGICAL DATA**
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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**22,873**

**PART 2 OF 3**

**APRIL 1993**

**RECEIVED**  
MAY 4 1993  
Gold Commission Office  
VANCOUVER, B.C.

**FILME**

**APPENDIX A**  
**DRILL HOLE AND SURVEY DATA**

**Part (i)**

**Universal Co-ordinate System Information**

06 Sept. 1992  
Jeff Stevens

ROMULUS RESOURCES LTD.

1992 Air Photo Survey

PINE PROPERTY

In late August I did a survey of a number of air photo targets for Romulus Resources Ltd. on their Pine property which is located on the Finlay River some 10 or 15 kms north of El Condor's Kemess property.

The survey involved surveying 24 air photo targets and two lists are attached. One contains UTM co-ods and the other contains local co-ods.

Following is an explanation of the origin of these co-ods and their relationship to the Kemess grid.

elevations

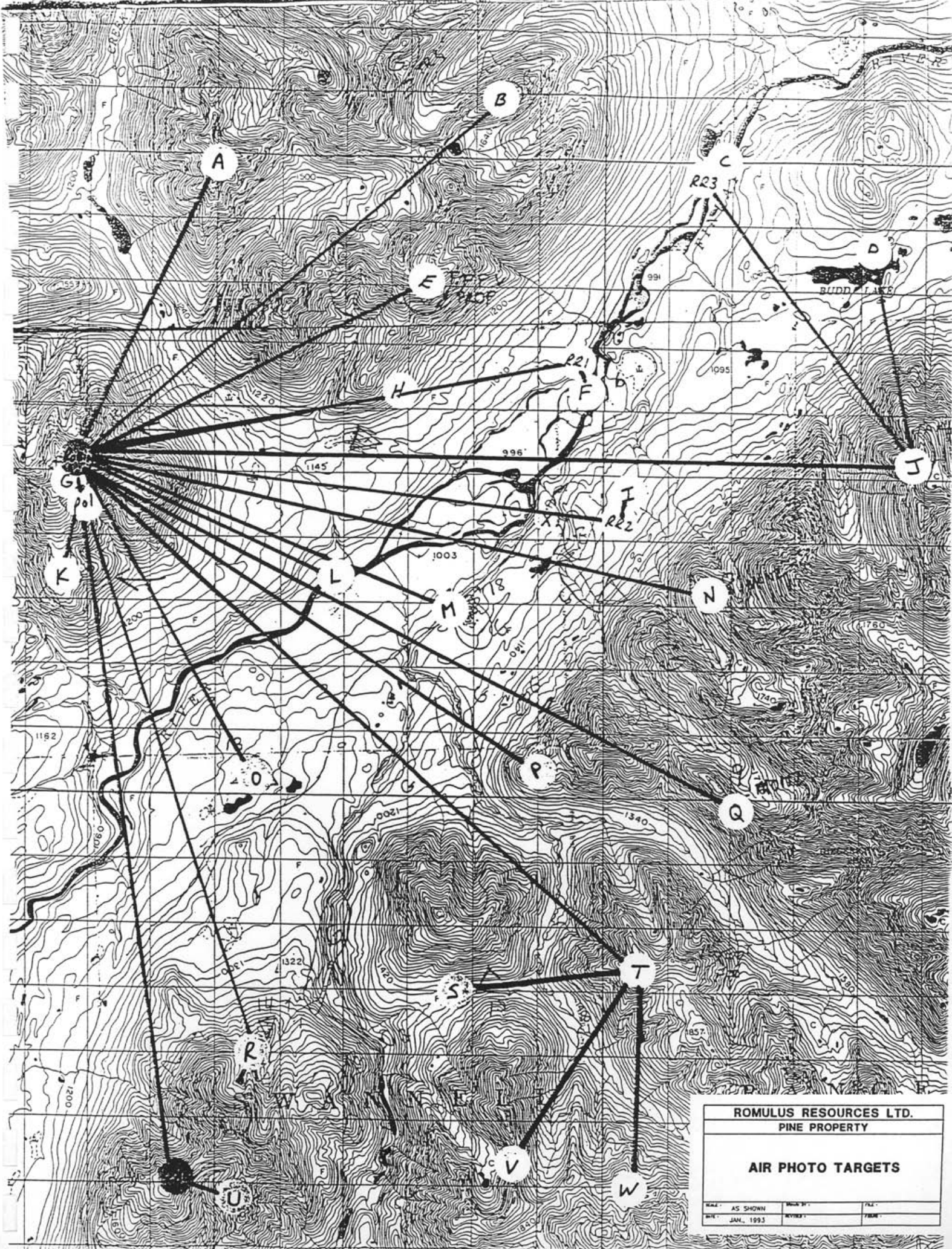
The given value for Government monument "ROBIN" (70H8312) of 1965.68 m. is the basis for all elevations. This survey yields a tie to the given elevation for Government monument "SCAB" (70H8320) of -0.30 m. SCAB has an elevation of 1877.75 in the El Condor grid so our tie to that is -0.07 m.

UTM co-ods

I held the given UTM northing and easting of "ROBIN" and the given bearing of 171 24' 29" to SCAB as the origin for the Romulus UTM co-ods. This gives a bearing tie to the El Condor brg. of 07". This survey yields a tie of 0.84 m. onto given values for SCAB and 1.76 m. onto the El Condor co-ods for SCAB.

local co-ods

To establish a local co-od system for the Romulus property I simply used the astronomic bearing from ROBIN to SCAB (173 14'30") and the El Condor grid co-ordinate for SCAB. The El Condor grid would have given a bearing about 04' different for that leg.



**ROMULUS RESOURCES LTD.**  
**PINE PROPERTY**

**AIR PHOTO TARGETS**

SCALE	AS SHOWN	DATE	JAN., 1993
REVISION		BY	

SCAB 8320 7048320 H3 V4 G T 94E/02  
85/12  
N57 07 56.68260 W126 47 49.62900 1877.981m NAD27

UTM Z09 129 N6334066.703m E 633336.173m

KMB(3)138-139

SIT. ON HIGH POINT OF A ROUNDED HILL ABOUT 5.5  
MILES NE OF THE END OF THUTADE LAKE.

K.M. BRIDGE CONTROL SURVEY 1970.  
MKD. BY CAPPED IP 8320 & 4 FT. CAIRN.

Project CSDB UP83

NAD83 coordinates are derived from the GHOST  
BLOCK adjustment of Canadian Geodetic Framework  
networks combined with secondary networks in B.C.  
June 1990 values.

	To	Azimuth	Distance(m)
HOME	8327	204 49 04.81	21044.966
GRIZIT	8305	239 30 36.67	14043.166
ROBIN	8312	353 15 34.96	10969.174

Date of listing 28-Aug-92 Page: 1

port Format

ROBIN 8312 7048312 H3 V4 G T 94E/02  
85/12  
N57 13 48.91690 W126 49 06.36560 1965.682m NAD27  
UTM Z09 129 N6344910.775m E 631697.743m

KMB(3)136-137

SIT. ON THE HIGH POINT OF A HILL, E. OF THE  
FINLAY RIVER & ABOUT 8 MILES NW OF BIEBERICH  
PEAK.

K.M. BRIDGE CONTROL SURVEY 1970.  
MKD. BY CAPPED IP 8312 & A 3 FT. CAIRN.

Project CSDB UP83

NAD83 coordinates are derived from the GHOST  
BLOCK adjustment of Canadian Geodetic Framework  
networks combined with secondary networks in B.C.  
June 1990 values.

	To	Azimuth	Distance(m)
DI	8316	066 48 10.42	21598.355
SCAB	8320	173 14 30.47	10969.174
WENDY E	8317	347 24 48.80	8546.009

**Part (ii)**

**Air Photo Target Survey Data**

ROMULUS RESOURCES LTD.

## 1992 Air Photo Survey

PINE PROPERTY ( UTM CO-ODS )

<u>STATION</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>ELEVATION</u>	
ROBIN	6344910.775	631697.743	1965.682	} published values
SCAB	6334066.704	633336.173	1877.981	
SCAB	6334067.542	633336.068	1877.684	} this survey
RR1	6346366.001	639767.137	993.636	
RR2	6344735.776	640354.852	1142.933	
RR3	6349993.450	641851.375	989.893	
pol	6344875.672	631703.046	1962.012	
A	6349870.352	634057.203	1972.214	1972.03
B	6350931.755	638417.272	1871.932	1871.86
C	6349995.643	641872.344	990.483	
D	6348640.485	644157.794	1072.153	
E	6348088.773	637246.214	1843.688	1843.63
F	6346317.009	639740.007	994.906	
G	6344886.128	631692.962	1963.952	
H	6346222.554	636924.761	1278.742	
I	6344745.867	640361.413	1143.053	
J	6345247.303	644843.880	2068.625	
K	6343381.347	631600.569	1609.850	
L	6343418.561	635962.153	1004.153	
M	6342968.411	637367.966	1035.994	
N	6343240.987	641649.925	1755.033	1754.97
O	6340223.241	634625.797	1139.024	
P	6340399.197	639030.731	1591.230	
Q	6339866.591	642136.273	1856.903	1856.83
R	6336090.169	634619.719	1610.867	
S	6337028.713	637656.528	1394.385	
T	6337403.526	640498.829	1888.454	
U	6333814.772	634340.493	1867.301	
V	6334371.284	638681.214	1904.928	1904.84
W	6333928.010	640440.524	1854.814	
X	6344377.415	639132.950	1051.219	1051.16

\* these UTM co-ordinates are derived from the published values for B.C. TRIG STATION " ROBIN " ( 70H8312 ) and the published bearing from ROBIN to " SCAB " ( 70H8320 ).

\* additional elevations shown to the right of some of the targets are target elevations. In these cases the survey point ( a spike ) stuck up significantly higher than the target surface.



27 Sept.92  
Jeff Stevens

ROMULUS RESOURCES LTD.

Pine Property (air photo survey) ECN grid

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STN	NORTHING	EASTING	ELEV	
SCAB	24045.16	7540.00	1877.75	
ROBIN	34941.96	6260.77	1965.75	
RR1	36129.84	14377.20	993.70	
RR2	34480.38	14910.95	1143.00	
RR3	39687.67	16582.27	989.96	
pol	34906.68	6264.92	1962.08	
A	39823.14	8784.31	1972.28	1972.10
B	40740.04	13179.17	1872.00	1871.93
C	39689.17	16603.31	990.55	
D	38258.58	18843.53	1072.22	
E	37936.03	11914.07	1843.75	1843.70
F	36081.75	14348.45	994.97	
G	34917.47	6255.18	1964.02	
H	36080.54	11530.62	1278.81	
I	34490.25	14917.84	1143.12	
J	34843.22	19417.17	2068.69	
K	33415.87	6112.97	1609.91	
L	33308.77	10475.21	1004.22	
M	32812.14	11865.93	1036.06	
N	32942.82	16156.82	1755.10	1755.04
O	30158.06	9033.28	1139.09	
P	30188.03	13443.71	1591.29	
Q	29552.58	16531.48	1856.97	1856.90
R	26025.37	8890.47	1610.93	
S	26863.21	11958.32	1394.45	
T	27143.88	14812.66	1888.52	
U	23759.15	8535.98	1867.37	
V	24172.08	12894.82	1904.99	1904.91
W	23670.63	14639.30	1854.88	
X	34162.52	13677.31	1051.28	1051.23

\* additional elevations shown to the right of some of the targets are target elevations. In these cases the survey point ( a spike ) stuck up significantly higher than the target surface.

ROMULUS RESOURCES LTD.

1992 Air Photo Survey

PINE PROPERTY ( LOCAL CO-ODS )

<u>STATION</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>ELEVATION</u>	
SCAB	24045.160	7539.998	1877.684	
ROBIN	34940.552	6248.836	1965.682	
RR1	36137.320	14363.951	993.636	
RR2	34488.451	14899.512	1142.933	
RR3	39697.570	16565.124	989.893	
pol	34905.279	6253.016	1962.012	
A	39824.493	8767.018	1972.214	1972.03
B	40746.209	13160.872	1871.932	1871.86
C	39699.091	16586.159	990.483	
D	38270.955	18827.946	1072.153	
E	37940.815	11898.844	1843.688	1843.63
F	36089.206	14335.258	994.906	
G	34916.057	6243.267	1963.952	
H	36084.904	11517.430	1278.742	
I	34498.330	14906.394	1143.053	
J	34856.228	19405.334	2068.625	
K	33414.302	6102.707	1609.850	
L	33311.981	10465.056	1004.153	
M	32816.874	11856.320	1035.994	
N	32952.259	16147.064	1755.033	1754.97
O	30159.694	9026.585	1139.024	
P	30194.497	13436.972	1591.230	
Q	29562.426	16525.440	1856.903	1856.83
R	26026.845	8888.303	1610.867	
S	26868.049	11955.229	1394.385	
T	27151.843	14809.265	1888.454	
U	23760.245	8536.292	1867.301	
V	24177.951	12894.681	1904.928	1904.84
W	23678.407	14639.707	1854.814	
X	34169.242	13666.219	1051.219	1051.16

\* these local co-ordinates are derived from the Northing and Easting values for SCAB in the El Condor Resources universal co-od system. Bearings are astronomic at ROBIN and elevations are based on the published value for ROBIN.

\* additional elevations shown to the right of some of the targets are target elevations. In these cases the survey point ( a spike ) stuck up significantly higher than the target surface.

**Part (iii)**

**Drill Hole Collar Survey Data**

**and**

**Part (iv)**

**Legal Corner Post Survey Data**

27 Sept.92  
Jeff Stevens

ROMULUS RESOURCES LTD.

Pine Property ( DDH's ) ECN grid

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DDH	NORTHING	EASTING	ELEV.
72-01	34532.18	14851.35	1132.22
79-02	33016.00	12648.39	1081.44
79-03	32895.15	12552.75	1083.26
80-04	33010.14	12732.65	1092.33
80-05	32828.33	12757.43	1082.23
80-06	33070.67	12558.04	1060.91
80-07	33208.47	12727.99	1071.75
80-08	not surveyed		
80-09	33271.30	13147.11	1086.92
80-10	32995.85	12357.57	1054.80
80-11	33135.97	12498.44	1052.21
80-12	not surveyed		
80-13	32604.98	12273.09	1100.87
90-14	34386.84	14270.45	1105.01
90-15	34386.84	14270.45	1105.01
90-16	34268.62	14129.99	1103.09
90-17	34040.84	14180.39	1111.83
90-18	33975.13	14417.77	1123.81
90-19	34264.56	14423.18	1110.04
90-20	33843.82	14560.63	1148.63
90-21	34427.02	14595.59	1116.96
90-22	34574.89	14676.32	1125.97
90-23	34288.73	14729.91	1135.10
90-24	34288.73	14729.91	1135.10
90-25	34427.43	14839.59	1140.19
90-26	34544.48	14953.63	1143.03
90-27	34640.40	14892.47	1135.77
90-28	34855.81	14970.89	1124.18
90-29	34949.52	15063.48	1125.00
90-30	34687.76	15101.78	1138.86
90-31	34411.81	15124.29	1150.71
90-32	34411.03	15124.75	1150.81
90-33	34318.10	15211.11	1157.28
90-34	34318.10	15211.11	1157.28
90-35	34566.65	15548.55	1182.62
90-36	34566.65	15548.55	1182.62
92-37	34044.19	14177.64	1111.33
92-38	33210.69	12722.72	1068.04
92-39	33016.12	12672.95	1078.87
92-40	33210.90	12740.64	1072.21
LCP FIN 12/18	34663.70	15746.08	1182.23
LCP FIN 14/16	33287.75	13525.07	1082.02
N10000/E10000	32896.39	12551.58	1083.22

26 Sept 92  
Jeff Stevens

ROMULUS RESOURCES LTD.

Pine Property ( Drill holes )

(Local Co-ord.)

<u>DDH #</u>	<u>Northing</u>	<u>Easting</u>	<u>Elevation</u>
72-01	34540.18	14839.86	1132.16
79-02	33021.59	12638.56	1081.38
79-03	32900.64	12543.05	1083.20
80-04	33015.82	12722.82	1092.27
80-05	32834.04	12747.80	1082.17
80-06	33076.16	12548.15	1060.85
80-07	33214.15	12717.95	1071.69
80-08	not surveyed		
80-09	33277.44	13137.00	1086.86
80-10	33001.12	12347.76	1054.74
80-11	33141.40	12488.48	1052.15
80-12	not surveyed		
80-13	32610.16	12263.71	1100.81
90-14	34394.21	14259.11	1104.95
90-15	34394.21	14259.11	1104.95
90-16	34275.83	14118.78	1103.03
90-17	34048.11	14169.43	1111.77
90-18	33982.66	14406.89	1123.75
90-19	34272.10	14411.98	1109.98
90-20	33851.51	14549.89	1148.57
90-21	34434.74	14584.21	1116.90
90-22	34582.70	14664.78	1125.91
90-23	34296.60	14718.68	1135.04
90-24	34296.60	14718.68	1135.04
90-25	34435.42	14828.21	1140.13
90-26	34552.60	14942.12	1142.97
90-27	34648.45	14880.86	1135.71
90-28	34863.95	14959.04	1124.12
90-29	34957.76	15051.53	1124.94
90-30	34696.04	15090.11	1138.80
90-31	34420.11	15112.93	1150.65
90-32	34419.33	15113.39	1150.75
90-33	34326.50	15199.85	1157.22
90-34	34326.50	15199.85	1157.22
90-35	34575.42	15537.02	1182.56
90-36	34575.42	15537.02	1182.56
92-37	34051.46	14166.68	1111.27
92-38	33216.36	12712.67	1067.98
92-39	33021.74	12663.12	1078.81
92-40	33216.59	12730.59	1072.15
LCP FIN 12/18	34672.68	15734.44	1182.17
LCP FIN 14/16	33294.30	13514.94	1081.96
N10000/E10000	32901.88	12541.88	1083.16

**Part (v)**

**Hub Survey Data**

27 Sept.92  
Jeff Stevens

ROMULUS RESOURCES LTD.

Pine Property ( survey hubs ) ECN grid

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DDH	NORTHING	EASTING	ELEV.
RR 04	34544.77	14954.22	1143.21
RR 05	34612.68	14965.13	1135.67
RR 06	34617.69	15037.75	1138.60
RR 07	34558.25	15074.63	1143.68
RR 08	34431.80	15132.44	1150.58
RR 09	34317.16	15157.95	1157.43
RR 10	34316.59	15220.19	1157.33
RR 11	34417.62	15327.44	1169.62
RR 12	34471.14	15410.24	1168.20
RR 13	34519.75	15461.10	1175.84
RR 14	34552.98	15503.60	1177.62
RR 15	34573.88	15571.76	1185.35
RR 16	34560.16	15716.52	1190.22
RR 17	34670.10	15069.05	1137.42
RR 18	34649.67	14890.22	1135.35
RR 19	34725.52	14920.30	1132.33
RR 20	34798.68	14962.52	1126.55
RR 21	34851.92	14971.75	1124.45
RR 22	34936.80	15055.78	1126.30
RR 23	34394.55	14831.70	1141.80
RR 24	34291.29	14790.19	1143.48
RR 25	34205.79	14634.64	1134.33
RR 26	34280.05	14634.93	1127.13
RR 27	34352.35	14668.56	1129.01
RR 28	34396.08	14625.54	1122.40
RR 29	34453.34	14671.92	1127.78
RR 30	34504.33	14668.95	1128.64
RR 31	34079.91	14586.00	1134.21
RR 32	34129.04	14631.05	1135.49
RR 33	34003.68	14516.11	1133.33
RR 34	33946.47	14416.59	1127.72
RR 35	33884.53	14398.30	1130.30
RR 36	33803.20	14280.73	1116.88
RR 37	33824.93	14246.79	1117.35
RR 38	34015.73	14186.94	1115.75
RR 39	34105.10	14140.72	1107.85
RR 40	34221.76	14173.04	1107.42
RR 41	34302.54	14110.40	1101.81
RR 42	34267.55	14137.54	1103.68
RR 43	34290.81	14175.45	1109.33
RR 44	34341.73	14238.75	1110.36
RR 45	34621.89	15754.28	1184.00
RR 46	34130.79	14571.83	1130.21
RR 47	33909.82	14582.29	1149.03
RR 48	34213.28	14509.19	1123.47
RR 49	34229.11	14466.25	1117.11

RR 50	34360.76	14069.33	1096.94
RR 51	34306.21	13938.46	1077.62
RR 52	34176.65	13685.04	1051.04
RR 53	34103.95	13661.08	1051.67
RR 54	33979.82	13467.30	1053.84
RR 55	33843.37	13380.96	1059.40
RR 56	33742.17	13300.47	1060.70
RR 57	33688.16	13173.51	1051.89
RR 58	33642.16	13024.23	1045.34
RR 59	33611.97	12958.32	1045.56
RR 60	33568.77	12892.23	1042.30
RR 61	33497.29	12816.45	1038.44
RR 62	33421.38	12811.40	1046.92
RR 63	33217.43	12730.15	1070.80
RR 64	33173.30	12705.78	1074.84
RR 65	33216.44	12766.46	1076.98
RR 66	33252.26	12872.16	1084.03
RR 67	33237.59	12979.34	1088.45
RR 68	33266.68	13157.61	1087.09
RR 69	33286.89	13306.31	1085.33
RR 70	33374.37	13451.17	1081.78
RR 71	33018.58	12646.05	1081.42
RR 72	33047.09	12574.31	1071.37
RR 73	32991.67	12571.17	1079.08
RR 74	32913.87	12579.85	1084.97
RR 75	32992.52	12714.90	1093.55
RR 76	32843.72	12666.88	1077.70
RR 77	32824.04	12467.84	1093.64
RR 78	32764.41	12424.93	1096.41
RR 79	32657.12	12324.93	1100.23
RR 80	32739.85	12220.55	1091.35
RR 81	33150.39	12500.39	1051.72
RR 82	33113.35	12427.14	1034.59
RR 83	32998.55	12266.81	1034.27
RR 84	32888.25	12120.44	1034.82
RR 85	32837.47	11998.65	1035.11
RR 86	34520.71	14865.34	1138.02



ROMULUS RESOURCES LTD.

Pine Property ( survey hubs )

(Local Co-ord.)

Station	Northing	Easting	Elevation
RR 04	34552.885	14942.708	1143.142
RR 05	34620.812	14953.542	1135.608
RR 06	34625.897	15026.161	1138.532
RR 07	34566.503	15063.109	1143.611
RR 08	34440.113	15121.054	1150.511
RR 09	34325.501	15146.688	1157.362
RR 10	34324.997	15208.934	1157.270
RR 11	34426.148	15316.069	1169.553
RR 12	34479.760	15398.807	1168.139
RR 13	34528.423	15449.621	1175.779
RR 14	34561.704	15492.082	1177.555
RR 15	34582.671	15560.215	1185.282
RR 16	34569.108	15704.996	1190.154
RR 17	34678.340	15057.407	1137.357
RR 18	34657.719	14878.599	1135.288
RR 19	34733.604	14908.595	1132.270
RR 20	34806.804	14950.737	1126.487
RR 21	34860.054	14959.906	1124.384
RR 22	34945.029	15043.842	1126.240
RR 23	34402.530	14820.360	1141.731
RR 24	34299.231	14778.964	1143.419
RR 25	34213.560	14623.505	1134.262
RR 26	34287.822	14623.712	1127.069
RR 27	34360.156	14657.261	1128.949
RR 28	34403.840	14614.195	1122.339
RR 29	34461.146	14660.514	1127.711
RR 30	34512.130	14657.485	1128.577
RR 31	34087.624	14575.005	1134.142
RR 32	34136.799	14619.993	1135.422
RR 33	34011.315	14505.195	1133.264
RR 34	33954.002	14405.741	1127.657
RR 35	33892.035	14387.512	1130.233
RR 36	33810.578	14270.036	1116.819
RR 37	33832.268	14236.071	1117.290
RR 38	34023.011	14176.008	1115.684
RR 39	34112.326	14129.692	1107.783
RR 40	34229.020	14161.886	1107.359
RR 41	34309.736	14099.155	1101.746
RR 42	34274.768	14126.331	1103.611
RR 43	34298.073	14164.222	1109.263
RR 44	34349.065	14227.464	1110.295
RR 45	34630.885	15742.683	1183.936
RR 46	34138.493	14560.777	1130.145
RR 47	33917.529	14571.478	1148.961
RR 48	34220.908	14498.041	1123.409
RR 49	34236.692	14455.092	1117.041
RR 50	34367.907	14058.027	1096.874
RR 51	34313.219	13927.215	1077.553
RR 52	34183.373	13673.932	1050.979
RR 53	34110.650	13650.057	1051.606
RR 54	33986.310	13456.408	1053.779

RR 55	33849.765	13370.217	1059.331
RR 56	33748.473	13289.837	1060.633
RR 57	33694.330	13162.942	1051.822
RR 58	33648.165	13013.709	1045.278
RR 59	33617.898	12947.831	1045.492
RR 60	33574.633	12881.793	1042.239
RR 61	33503.062	12806.091	1038.371
RR 62	33427.148	12801.126	1046.851
RR 63	33223.116	12720.092	1070.731
RR 64	33178.959	12695.778	1074.771
RR 65	33222.166	12756.408	1076.914
RR 66	33258.101	12862.072	1083.967
RR 67	33243.548	12969.263	1088.381
RR 68	33272.833	13147.502	1087.022
RR 69	33293.204	13296.176	1085.261
RR 70	33380.841	13440.943	1081.716
RR 71	33024.172	12636.211	1081.354
RR 72	33052.603	12564.440	1071.308
RR 73	32997.177	12561.361	1079.017
RR 74	32919.391	12570.126	1084.905
RR 75	32998.180	12705.089	1093.489
RR 76	32849.328	12657.238	1077.633
RR 77	32829.433	12458.218	1093.571
RR 78	32769.753	12415.370	1096.346
RR 79	32662.353	12315.492	1100.163
RR 80	32744.975	12211.018	1091.287
RR 81	33155.819	12490.409	1051.659
RR 82	33118.699	12417.205	1034.524
RR 83	33003.728	12256.995	1034.208
RR 84	32893.267	12110.748	1034.754
RR 85	32842.355	11989.016	1035.047
RR 86	34528.733	14853.854	1137.954

**APPENDIX B**

**DRILL HOLE ANALYTICAL DATA  
PINE AU-CU PROSPECT**

**Part (i)**

**Notes on Analytical Data Base**

Notes on Analytical Data Base - Pine Au-Cu Prospect

<u>Hole No.</u>	<u>Remarks</u>
Riocanex 79-02	-Cu & Au assays taken from DDH log -Mo assays not available -Ag assays considered unreliable because of inconsistencies with 1992 Romulus data -No original assay certificates available
Riocanex 80-06 80-07	-Cu & Au assays taken from DDH logs -Mo assays not available -Ag assays as per 79-02 -Au analysis by Neutron Activation Chemex Labs -No original assay certificates available
Cominco 90-16 90-17	-Cominco Exploration and Research Laboratory, Vancouver, analyzed the samples for Cu, Au and Mo -the analyses were taken from the percussion drill hole logs. -no original assay certificates available
Riocanex (fill-in) sampling - 80-4, 80-5 80-7, 80-9 & 80-13	-for those portions of these holes sampled by Riocanex, see remarks for 80-6 & 80-7 -for those portions of these holes sampled by Romulus, see Appendix B, Part (ii)
Romulus 92-37 to 92-40	-all original assay certificates and ICP reports collated in Appendix B(iv) -Laboratory Analytical Procedures are presented in Appendix B(ii)

**Part (ii)**

**Laboratory Analytical Procedures**

**MINERAL  
• ENVIRONMENTS  
LABORATORIES**

Division of Assayers Corp. Ltd.

**GOLD ASSAY PROCEDURE:**  
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Samples are dried @ 95 C and when dry are crushed on a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to - 15 mesh. The whole sample is then riffled on a Jones Riffle down to a statistically representative 500 gram sub-sample (in accordance with Gy's statistical rules.) This sub-sample is then pulverized on a ring pulverizer to 95% minus 120 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Samples are fire assayed using one assay ton sample weight. The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved, diluted to volume and mixed.

These aqua regia solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed. Likewise the blank must be less than 0.015 g/tonne.

The top 10% of all assays per page are rechecked and reported in duplicate along with the standard and blank.



**MINERAL  
• ENVIRONMENTS  
LABORATORIES**

Division of Assayers Corp. Ltd.

AG, CU, PB, ZN, NI, AND CO ASSAY PROCEDURE  
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Samples are dried @ 95 C and when dry are crushed on a jaw crusher. The -1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to -1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300-400 gram sub-sample (in accordance with Gy's statistical rules.) This sub-sample is then pulverized in a ring pulverizer to 95% minus 120 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

A 2.200 - 3.000 gram sub-sample is weighed from the pulp bag for analysis. Each batch of 70 assays has a natural standard and a reagent blank included. The assays are digested using a HNO<sub>3</sub> - KClO<sub>4</sub> mixture and when reaction subsides, HCL is added to assay before it is placed on a hotplate to digest. After digestion is complete the assays are cooled, diluted to volume and mixed.

The assays are analyzed on atomic absorption spectrometers using the appropriate standard sets. The natural standard digested along with this set must be within 2 standard deviations of its known or the whole set is re-assayed. If any of the assays are >1% they are re-assayed at a lower weight.

OFFICE AND LABORATORIES:  
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TELEX: VIA USA 7601067  
FAX: (604) 980-9621





**MINERAL  
• ENVIRONMENTALS  
LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS  
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SMITHERS LAB.:  
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SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:

-----  
PROCEDURE FOR 31 ELEMENT TRACE ICP  
-----

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu,  
Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb,  
Sr, Th, Ti, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories, at 705 West 15th Street, North Vancouver, employing the following procedures.

After drying the samples at 95 C, soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer or ring mill pulverizer.

0.5 gram of the sample is digested for 2 hours with an aqua regia mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrell Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a laser printer.

**Part (iii)**

**Sample Intervals, Sample Numbers, Gold Assays,  
Copper Assays, Gold NSR Equivalent**

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
72-1	72-1	1.50	24.70	23.20	NS	NS	NS	NS

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
79-2	79-1	1.80	3.00	1.20	NS	0.55	0.130	0.68
79-2	79-1	3.00	6.00	3.00	NS	0.62	0.180	0.80
79-2	79-1	6.00	9.00	3.00	NS	0.27	0.200	0.47
79-2	79-1	9.00	12.00	3.00	NS	0.55	0.220	0.77
79-2	79-1	12.00	15.00	3.00	NS	0.69	0.380	1.07
79-2	79-1	15.00	18.00	3.00	NS	1.13	0.410	1.54
79-2	79-1	18.00	21.00	3.00	NS	1.20	0.400	1.60
79-2	79-1	21.00	24.00	3.00	NS	0.69	0.320	1.01
79-2	79-1	24.00	30.00	6.00	NS	0.62	0.250	0.87
79-2	79-1	30.00	33.00	3.00	NS	0.72	0.290	1.01
79-2	79-1	33.00	36.00	3.00	NS	0.89	0.250	1.14
79-2	79-1	36.00	39.00	3.00	NS	0.75	0.27	1.02
79-2	79-1	39.00	42.00	3.00	NS	0.69	0.220	0.91
79-2	79-1	42.00	45.00	3.00	NS	0.58	0.260	0.84
79-2	79-1	45.00	47.00	2.00	NS	0.27	0.210	0.48
79-2	79-1	47.00	51.00	4.00	NS	0.41	0.360	0.77
79-2	79-1	51.00	99.00	48.00	NS	NS	NS	NS
79-2	79-1	99.00	102.00	3.00	NS	0.21	0.090	0.30
79-2	79-1	102.00	105.00	3.00	NS	0.86	0.490	1.35
79-2	79-1	105.00	108.00	3.00	NS	0.38	0.300	0.68
79-2	79-1	108.00	111.00	3.00	NS	0.45	0.250	0.70
79-2	79-1	111.00	114.00	3.00	NS	0.48	0.290	0.77
79-2	79-1	114.00	117.00	3.00	NS	0.55	0.320	0.87
79-2	79-1	117.00	120.00	3.00	NS	0.69	0.320	1.01
79-2	79-1	120.00	123.00	3.00	NS	1.13	0.410	1.54
79-2	79-1	123.00	127.50	4.50	NS	0.93	0.360	1.29
79-2	79-1	127.50	211.20	83.70	NS	NS	NS	NS

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
79-3	79-2	1.80	3.00	1.20	NS	0.10	0.030	0.13
79-3	79-2	3.00	6.00	3.00	NS	NS	NS	NS
79-3	79-2	6.00	9.00	3.00	NS	0.08	0.030	0.11
79-3	79-2	9.00	12.00	3.00	NS	NS	NS	NS
79-3	79-2	12.00	15.00	3.00	NS	0.02	0.010	0.03
79-3	79-2	15.00	18.00	3.00	NS	NS	NS	NS
79-3	79-2	18.00	21.00	3.00	NS	0.10	0.020	0.12
79-3	79-2	21.00	24.00	3.00	NS	NS	NS	NS
79-3	79-2	24.00	27.00	3.00	NS	0.08	0.040	0.12
79-3	79-2	27.00	30.00	3.00	NS	NS	NS	NS
79-3	79-2	30.00	33.00	3.00	NS	0.01	0.030	0.04
79-3	79-2	33.00	36.00	3.00	NS	NS	NS	NS
79-3	79-2	36.00	39.00	3.00	NS	0.08	0.060	0.14
79-3	79-2	39.00	42.00	3.00	NS	NS	NS	NS
79-3	79-2	42.00	45.00	3.00	NS	0.14	0.030	0.17
79-3	79-2	45.00	48.00	3.00	NS	NS	NS	NS
79-3	79-2	48.00	51.00	3.00	NS	0.08	0.040	0.12
79-3	79-2	51.00	54.00	3.00	NS	NS	NS	NS
79-3	79-2	54.00	57.00	3.00	NS	0.08	0.020	0.10
79-3	79-2	57.00	60.00	3.00	NS	NS	NS	NS
79-3	79-2	60.00	63.00	3.00	NS	0.14	0.060	0.20
79-3	79-2	63.00	69.00	6.00	NS	NS	NS	NS
79-3	79-2	69.00	72.00	3.00	NS	0.30	0.100	0.40
79-3	79-2	72.00	75.00	3.00	NS	0.30	0.100	0.40
79-3	79-2	75.00	78.00	3.00	NS	0.20	0.090	0.29
79-3	79-2	78.00	81.00	3.00	NS	0.12	0.090	0.21
79-3	79-2	81.00	84.00	3.00	NS	0.12	0.110	0.23
79-3	79-2	84.00	87.00	3.00	NS	0.10	0.100	0.20
79-3	79-2	87.00	90.00	3.00	NS	0.08	0.090	0.17
79-3	79-2	90.00	93.00	3.00	NS	0.22	0.080	0.30
79-3	79-2	93.00	96.00	3.00	NS	0.14	0.160	0.30
79-3	79-2	96.00	99.00	3.00	NS	0.26	0.080	0.34
79-3	79-2	99.00	102.00	3.00	NS	0.14	0.070	0.21
79-3	79-2	102.00	105.00	3.00	NS	0.10	0.100	0.20
79-3	79-2	105.00	108.00	3.00	NS	0.12	0.110	0.23
79-3	79-2	108.00	111.00	3.00	NS	0.14	0.090	0.23
79-3	79-2	111.00	114.00	3.00	NS	0.26	0.120	0.38
79-3	79-2	114.00	117.00	3.00	NS	0.28	0.110	0.39
79-3	79-2	117.00	120.00	3.00	NS	0.12	0.100	0.22
79-3	79-2	120.00	123.00	3.00	NS	0.12	0.090	0.21
79-3	79-2	123.00	126.00	3.00	NS	0.12	0.070	0.19
79-3	79-2	126.00	129.00	3.00	NS	0.14	0.090	0.23
79-3	79-2	129.00	132.00	3.00	NS	0.1	0.14	0.24
79-3	79-2	132.00	135.00	3.00	NS	0.08	0.110	0.19
79-3	79-2	135.00	138.00	3.00	NS	0.22	0.080	0.30
79-3	79-2	138.00	144.00	6.00	NS	0.14	0.140	0.28
79-3	79-2	144.00	147.00	3.00	NS	0.04	0.110	0.15

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
79-3	79-2	147.00	150.00	3.00	NS	NS	NS	NS
79-3	79-2	150.00	153.00	3.00	NS	0.04	0.040	0.08
79-3	79-2	153.00	156.00	3.00	NS	NS	NS	NS
79-3	79-2	156.00	159.00	3.00	NS	0.01	0.010	0.02
79-3	79-2	159.00	162.00	3.00	NS	NS	NS	NS
79-3	79-2	162.00	165.00	3.00	NS	0.01	0.010	0.02
79-3	79-2	165.00	168.00	3.00	NS	NS	NS	NS
79-3	79-2	168.00	171.00	3.00	NS	0.01	0.010	0.02
79-3	79-2	171.00	174.00	3.00	NS	NS	NS	NS
79-3	79-2	174.00	177.50	3.50	NS	0.14	0.020	0.16

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-4	80-1	7.90	10.00	2.10	47569	0.63	0.076	0.71
80-4	80-1	10.00	13.00	3.00	1354	0.41	0.060	0.47
80-4	80-1	13.00	17.40	4.40	47570	0.38	0.071	0.45
80-4	80-1	17.40	18.90	1.50	NS	NS	NS	NS
80-4	80-1	18.90	20.00	1.10	47570	0.38	0.071	0.45
80-4	80-1	20.00	26.50	6.50	NS	NS	NS	NS
80-4	80-1	26.50	27.40	0.90	47571	0.10	0.052	0.15
80-4	80-1	27.40	28.00	0.60	NS	NS	NS	NS
80-4	80-1	28.00	30.00	2.00	47571	0.10	0.052	0.15
80-4	80-1	30.00	33.00	3.00	1355	0.17	0.050	0.22
80-4	80-1	33.00	37.20	4.20	47572	0.10	0.064	0.16
80-4	80-1	37.20	39.30	2.10	47573	0.07	0.028	0.10
80-4	80-1	39.30	40.00	0.70	47574	0.08	0.027	0.11
80-4	80-1	40.00	43.00	3.00	1356	NS	0.020	NC
80-4	80-1	43.00	44.80	1.80	47575	0.05	0.027	0.08
80-4	80-1	44.80	48.00	3.20	47576	0.03	0.001	0.03
80-4	80-1	48.00	50.00	2.00	47577	0.03	0.006	0.04
80-4	80-1	50.00	53.00	3.00	1357	NS	0.010	NC
80-4	80-1	53.00	60.00	7.00	NS	NS	NS	NS
80-4	80-1	60.00	63.00	3.00	1358	NS	0.030	NC
80-4	80-1	63.00	70.00	7.00	NS	NS	NS	NS
80-4	80-1	70.00	73.00	3.00	1359	NS	0.010	NC
80-4	80-1	73.00	83.00	10.00	NS	NS	NS	NS
80-4	80-1	83.00	86.00	3.00	1360	NS	0.010	NC
80-4	80-1	86.00	90.00	4.00	NS	NS	NS	NS
80-4	80-1	86.00	90.00	4.00	1361	NS	0.010	NS

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-5	80-2	3.60	6.70	3.10	1301	0.34	0.250	0.59
80-5	80-2	6.70	9.00	2.30	1302	0.48	0.250	0.73
80-5	80-2	9.00	12.00	3.00	1303	0.76	0.260	1.02
80-5	80-2	12.00	15.00	3.00	1304	0.10	0.050	0.15
80-5	80-2	15.00	16.00	1.00	NS	NS	NS	NS
80-5	80-2	16.00	19.00	3.00	1305	0.10	0.040	0.14
80-5	80-2	19.00	22.00	3.00	NS	NS	NS	NS
80-5	80-2	22.00	30.00	8.00	47579	0.03	0.003	0.03
80-5	80-2	30.00	33.00	3.00	47580	0.03	0.001	0.03
80-5	80-2	33.00	36.00	3.00	47581	0.06	0.003	0.06
80-5	80-2	36.00	40.00	4.00	47582	0.04	0.003	0.04
80-5	80-2	40.00	43.00	3.00	47583	0.03	0.001	0.03
80-5	80-2	43.00	47.00	4.00	47584	0.21	0.002	0.21
80-5	80-2	47.00	50.00	3.00	47585	0.11	0.001	0.11
80-5	80-2	50.00	53.00	3.00	47586	0.10	0.004	0.10
80-5	80-2	53.00	57.00	4.00	47587	0.06	0.003	0.06
80-5	80-2	57.00	60.00	3.00	47588	0.03	0.001	0.03
80-5	80-2	60.00	63.00	3.00	47589	0.08	0.003	0.08
80-5	80-2	63.00	66.00	3.00	47590	0.04	0.002	0.04
80-5	80-2	66.00	70.00	4.00	47591	0.03	0.004	0.03
80-5	80-2	70.00	73.00	3.00	47592	0.06	0.002	0.06
80-5	80-2	73.00	76.00	3.00	47593	0.07	0.003	0.07
80-5	80-2	76.00	80.00	4.00	47594	0.10	0.006	0.11
80-5	80-2	80.00	83.00	3.00	47595	0.05	0.004	0.05
80-5	80-2	83.00	86.00	3.00	47596	0.09	0.012	0.10
80-5	80-2	86.00	90.00	4.00	47597	0.07	0.005	0.08
80-5	80-2	90.00	93.00	3.00	47598	0.06	0.003	0.06
80-5	80-2	93.00	96.00	3.00	47599	0.11	0.001	0.11
80-5	80-2	96.00	99.60	3.60	47600	0.14	0.003	0.14



ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-6	80-3	5.50	9.00	3.50	1313	0.34	0.060	0.40
80-6	80-3	9.00	12.00	3.00	1314	0.41	0.130	0.54
80-6	80-3	12.00	15.00	3.00	1315	0.34	0.170	0.51
80-6	80-3	15.00	18.00	3.00	1316	0.27	0.160	0.43
80-6	80-3	18.00	21.00	3.00	1317	0.34	0.150	0.49
80-6	80-3	21.00	24.00	3.00	1318	0.89	0.090	0.98
80-6	80-3	24.00	26.20	2.20	1319	0.34	0.110	0.45
80-6	80-3	26.20	27.00	0.80	NS	NS	NS	NS
80-6	80-3	27.00	30.00	3.00	1320	0.41	0.100	0.51
80-6	80-3	30.00	33.00	3.00	1321	0.55	0.080	0.63
80-6	80-3	33.00	36.00	3.00	1322	0.41	0.100	0.51
80-6	80-3	36.00	39.00	3.00	1323	0.48	0.090	0.57
80-6	80-3	39.00	42.00	3.00	1324	0.17	0.110	0.28
80-6	80-3	42.00	45.00	3.00	1325	0.48	0.100	0.58
80-6	80-3	45.00	48.00	3.00	1326	0.62	0.140	0.76
80-6	80-3	48.00	51.00	3.00	1327	0.55	0.130	0.68
80-6	80-3	51.00	54.00	3.00	1328	0.48	0.12	0.6
80-6	80-3	54.00	57.00	3.00	1329	0.41	0.090	0.50
80-6	80-3	57.00	60.00	3.00	1330	0.41	0.120	0.53
80-6	80-3	60.00	63.00	3.00	1331	0.34	0.120	0.46
80-6	80-3	63.00	68.60	5.60	1332	0.34	0.110	0.45
80-6	80-3	68.60	69.80	1.20	1333	0.27	0.120	0.39
80-6	80-3	69.80	72.00	2.20	1334	0.48	0.110	0.59
80-6	80-3	72.00	75.00	3.00	1335	0.41	0.100	0.51
80-6	80-3	75.00	78.00	3.00	1336	0.17	0.060	0.23
80-6	80-3	78.00	81.00	3.00	1337	0.17	0.100	0.27
80-6	80-3	81.00	84.00	3.00	1338	0.17	0.100	0.27
80-6	80-3	84.00	87.00	3.00	1339	0.10	0.100	0.20
80-6	80-3	87.00	90.00	3.00	1340	0.17	0.090	0.26
80-6	80-3	90.00	93.00	3.00	1341	0.10	0.110	0.21
80-6	80-3	93.00	96.00	3.00	1342	0.10	0.110	0.21
80-6	80-3	96.00	99.00	3.00	1343	NS	0.080	NC
80-6	80-3	99.00	102.00	3.00	1344	NS	0.080	NC

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-7	80-4	10.80	13.00	2.20	1345	0.62	0.140	0.76
80-7	80-4	13.00	15.90	2.90	47601	3.12	0.331	3.45
80-7	80-4	15.90	20.00	4.10	47602	1.85	0.179	2.03
80-7	80-4	20.00	23.00	3.00	1346	0.75	0.210	0.96
80-7	80-4	23.00	25.00	2.00	47603	1.92	0.283	2.20
80-7	80-4	25.00	30.00	5.00	47604	1.68	0.263	1.94
80-7	80-4	30.00	33.00	3.00	1347	1.02	0.250	1.27
80-7	80-4	33.00	35.70	2.70	47605	2.50	0.406	2.91
80-7	80-4	35.70	37.20	1.50	47606	1.17	0.237	1.41
80-7	80-4	37.20	40.00	2.80	47607	0.93	0.169	1.1
80-7	80-4	40.00	43.00	3.00	1348	0.34	0.130	0.47
80-7	80-4	43.00	44.80	1.80	47608	0.58	0.161	0.74
80-7	80-4	44.80	48.20	3.40	47609	0.65	0.169	0.82
80-7	80-4	48.20	50.00	1.80	47610	0.07	0.006	0.08
80-7	80-4	50.00	53.00	3.00	1349	NS	NS	NS
80-7	80-4	53.00	57.00	4.00	47611	0.07	0.012	0.08
80-7	80-4	57.00	60.00	3.00	47612	0.99	0.241	1.23
80-7	80-4	60.00	63.00	3.00	1350	0.62	0.180	0.80
80-7	80-4	63.00	70.00	7.00	47613	0.93	0.146	1.08
80-7	80-4	70.00	73.00	3.00	1351	0.34	0.060	0.40
80-7	80-4	73.00	80.00	7.00	47614	0.41	0.085	0.50
80-7	80-4	80.00	83.00	3.00	NS	NS	NS	NS
80-7	80-4	83.00	90.50	7.50	47615	0.34	0.090	0.43
80-7	80-4	90.50	96.60	6.10	NS	NS	NS	NS
80-7	80-4	96.60	99.60	3.00	1353	0.55	0.130	0.68

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-8	80-5*	10.00	13.00	3.00	1398	NS	NS	NS
80-8	80-5*	13.00	20.00	7.00		NS	NS	NC
80-8	80-5*	20.00	23.00	3.00	1399	NS	NS	NS
80-8	80-5*	23.00	30.00	7.00		NS	NS	NC
80-8	80-5*	30.00	33.00	3.00	1400	NS	NS	NS
80-8	80-5*	33.00	40.00	7.00		NS	NS	NC
80-8	80-5*	40.00	43.00	3.00	1401	1.4	NS	NC
80-8	80-5*	43.00	50.00	7.00		NS	NS	NC
80-8	80-5*	50.00	53.00	3.00	1402	0.30	NS	NC
80-8	80-5*	53.00	60.00	7.00		NS	NS	NC
80-8	80-5*	60.00	63.00	3.00	1403	NS	NS	NS
80-8	80-5*	63.00	70.00	7.00		NS	NS	NC
80-8	80-5*	70.00	73.00	3.00	1404	NS	NS	NS
80-8	80-5*	73.00	80.00	7.00		NS	NS	NC
80-8	80-5*	80.00	83.00	3.00	1405	NS	NS	NS
80-8	80-5*	83.00	90.00	7.00		NS	NS	NC
80-8	80-5*	90.00	93.00	3.00	1406	NS	NS	NS
80-8	80-5*	93.00	100.00	7.00		NS	NS	NC
80-8	80-5*	100.00	103.00	3.00	1407	NS	NS	NS
80-8	80-5*	103.00	110.00	7.00		NS	NS	NC
80-8	80-5*	110.00	113.00	3.00	1408	NS	NS	NS

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-9	80-6	10.00	13.00	3.00	1371	NS	0.010	NC
80-9	80-6	13.00	13.50	0.50	NS	NS	NS	NS
80-9	80-6	13.50	15.80	2.30	47551	0.04	0.024	0.06
80-9	80-6	15.80	20.00	4.20	47552	0.09	0.048	0.14
80-9	80-6	20.00	23.00	3.00	1372	NS	0.010	NC
80-9	80-6	23.00	25.00	2.00	47553	0.12	0.071	0.19
80-9	80-6	25.00	27.10	2.10	47554	0.03	0.008	0.04
80-9	80-6	27.10	30.00	2.90	47555	0.08	0.041	0.12
80-9	80-6	30.00	33.00	3.00	1373	0.10	0.070	0.17
80-9	80-6	33.00	35.70	2.70	47556	0.08	0.119	0.20
80-9	80-6	35.70	40.00	4.30	47557	0.16	0.105	0.26
80-9	80-6	40.00	43.00	3.00	1374	0.20	0.090	0.29
80-9	80-6	43.00	46.30	3.30	47558	0.07	0.051	0.12
80-9	80-6	46.30	50.00	3.70	47559	0.16	0.124	0.28
80-9	80-6	50.00	53.00	3.00	1375	NS	0.05	NC
80-9	80-6	53.00	53.90	0.90	47560	0.03	0.009	0.04
80-9	80-6	53.90	57.00	3.10	47561	0.18	0.120	0.30
80-9	80-6	57.00	60.00	3.00	47562	0.16	0.126	0.29
80-9	80-6	60.00	63.00	3.00	1376	0.20	0.090	0.29
80-9	80-6	63.00	67.40	4.40	47563	0.14	0.091	0.23
80-9	80-6	67.40	70.00	2.60	47564	0.06	0.046	0.11
80-9	80-6	70.00	73.00	3.00	1377	0.20	0.080	0.28
80-9	80-6	73.00	78.30	5.30	47565	0.11	0.11	0.22
80-9	80-6	78.30	80.00	1.70	47566	0.14	0.120	0.26
80-9	80-6	80.00	83.00	3.00	1378	0.20	0.05	0.25
80-9	80-6	83.00	86.00	3.00	47567	0.51	0.110	0.62
80-9	80-6	86.00	88.40	2.40	47568	0.23	0.08	0.31
80-9	80-6	88.40	92.10	3.70	1379	0.20	0.110	0.31

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-10	80-7	10.00	13.00	3.00	1362	NS	0.09	NC
80-10	80-7	13.00	20.00	7.00		NS	NS	NC
80-10	80-7	20.00	23.00	3.00	1363	NS	NS	NS
80-10	80-7	23.00	30.00	7.00		NS	NS	NC
80-10	80-7	30.00	33.00	3.00	1364	NS	NS	NS
80-10	80-7	33.00	43.30	10.30		NS	NS	NC
80-10	80-7	43.30	46.00	2.70	1365	0.10	0.03	0.13
80-10	80-7	46.30	50.00	3.70		NS	NS	NC
80-10	80-7	50.00	53.00	3.00	1366	0.10	0.05	0.15
80-10	80-7	53.00	60.00	7.00		NS	NS	NC
80-10	80-7	60.00	63.00	3.00	1367	0.10	0.03	0.13
80-10	80-7	63.00	70.00	7.00		NS	NS	NC
80-10	80-7	70.00	73.00	3.00	1368	0.20	0.03	0.23
80-10	80-7	73.00	80.00	7.00		NS	NS	NC
80-10	80-7	80.00	83.00	3.00	1369	0.10	0.01	0.11
80-10	80-7	83.00	88.40	5.40		NS	NS	NC
80-10	80-7	88.40	90.50	2.10	1370	NS	0.01	NC

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-11	80-8	10.00	13.00	3.00	1380	NS	0.060	NC
80-11	80-8	13.00	20.00	7.00		NS	NS	NC
80-11	80-8	20.00	23.00	3.00	1381	NS	0.030	NC
80-11	80-8	23.00	30.00	7.00		NS	NS	NC
80-11	80-8	30.00	33.00	3.00	1382	NS	0.030	NC
80-11	80-8	33.00	40.00	7.00		NS	NS	NC
80-11	80-8	40.00	43.00	3.00	1383	NS	0.030	NC
80-11	80-8	43.00	50.00	7.00		NS	NS	NC
80-11	80-8	50.00	53.00	3.00	1384	NS	0.040	NC
80-11	80-8	53.00	60.00	7.00		NS	NS	NC
80-11	80-8	60.00	63.00	3.00	1385	NS	0.040	NC
80-11	80-8	63.00	70.00	7.00		NS	NS	NC
80-11	80-8	70.00	72.20	2.20	1386	NS	0.020	NC
80-11	80-8	72.20	79.80	7.60		NS	NS	NC
80-11	80-8	79.80	80.00	0.20	1386	NS	0.020	NC
80-11	80-8	80.00	83.00	3.00	1387	NS	0.020	NC
80-11	80-8	83.00	87.50	4.50		NS	NS	NC
80-11	80-8	87.50	90.50	3.00	1388	NS	0.010	NC

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-12	80-9*	12.20	15.20	3.00	1389	NS	NS	NS
80-12	80-9*	15.20	20.00	4.80		NS	NS	NC
80-12	80-9*	20.00	23.00	3.00	1390	NS	NS	NS
80-12	80-9*	23.00	30.00	7.00		NS	NS	NC
80-12	80-9*	30.00	33.00	3.00	1391	NS	NS	NS
80-12	80-9*	33.00	40.00	7.00		NS	NS	NC
80-12	80-9*	40.00	43.00	3.00	1392	NS	NS	NS
80-12	80-9*	43.00	50.00	7.00		NS	NS	NC
80-12	80-9*	50.00	53.00	3.00	1393	NS	NS	NS
80-12	80-9*	53.00	60.00	7.00		NS	NS	NC
80-12	80-9*	60.00	63.00	3.00	1394	NS	NS	NS
80-12	80-9*	63.00	71.30	8.30		NS	NS	NC
80-12	80-9*	71.30	74.30	3.00	1395	NS	NS	NS
80-12	80-9*	74.30	80.00	5.70		NS	NS	NC
80-12	80-9*	80.00	83.00	3.00	1396	NS	NS	NS
80-12	80-9*	83.00	89.10	6.10		NS	NS	NC
80-12	80-9*	89.10	92.10	3.00	1397	NS	NS	NS

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
80-13	80-10	21.80	23.50	1.70	1409	0.1	0.01	0.11
80-13	80-10	23.50	31.10	7.60	NS	NS	NS	NS
80-13	80-10	31.10	40.50	9.40	47616	0.24	0.066	0.31
80-13	80-10	40.50	43.00	2.50	47617	0.07	0.016	0.09
80-13	80-10	43.00	50.00	7.00	47618	0.07	0.016	0.09
80-13	80-10	50.00	53.00	3.00	47619	0.03	0.020	0.05
80-13	80-10	53.00	60.00	7.00	47620	0.17	0.039	0.21
80-13	80-10	60.00	67.70	7.70	47621	0.17	0.150	0.32
80-13	80-10	67.70	68.20	0.50	47622	0.03	0.009	0.04
80-13	80-10	68.20	72.30	4.10	47623	0.17	0.050	0.22
80-13	80-10	72.30	73.80	1.50	NS	NS	NS	NC
80-13	80-10	73.80	79.90	6.10	47623	0.17	0.050	0.22
80-13	80-10	79.90	82.90	3.00	NS	NS	NS	NC
80-13	80-10	82.90	86.00	3.10	47623	0.17	0.050	0.22
80-13	80-10	86.00	94.20	8.20	47624	0.72	0.084	0.80



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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
90-16	90-3	3.05	6.10	3.05		0.01	0.004	0.01
90-16	90-3	6.10	9.15	3.05		0.03	0.007	0.04
90-16	90-3	9.15	12.20	3.05		0.12	0.026	0.15
90-16	90-3	12.20	15.25	3.05		0.07	0.037	0.11
90-16	90-3	15.25	18.30	3.05		0.10	0.099	0.20
90-16	90-3	18.30	21.35	3.05		0.10	0.041	0.14
90-16	90-3	21.35	24.40	3.05		0.12	0.041	0.16
90-16	90-3	24.40	27.45	3.05		0.10	0.038	0.14
90-16	90-3	27.45	30.50	3.05		0.09	0.051	0.14
90-16	90-3	30.50	33.55	3.05		0.10	0.056	0.16
90-16	90-3	33.55	36.60	3.05		0.10	0.046	0.15
90-16	90-3	36.60	39.65	3.05		0.14	0.046	0.19
90-16	90-3	39.65	42.70	3.05		0.09	0.038	0.13
90-16	90-3	42.70	45.75	3.05		0.10	0.049	0.15
90-16	90-3	45.75	48.80	3.05		0.26	0.060	0.32
90-16	90-3	48.80	51.85	3.05		0.20	0.053	0.25
90-16	90-3	51.85	54.90	3.05		0.12	0.065	0.19
90-16	90-3	54.90	57.95	3.05		0.16	0.092	0.25
90-16	90-3	57.95	61.00	3.05		NC	NS	NC
90-16	90-3	61.00	64.05	3.05		0.14	0.106	0.25
90-16	90-3	64.05	67.10	3.05		0.18	0.096	0.28
90-16	90-3	67.10	70.15	3.05		0.18	0.139	0.32
90-16	90-3	70.15	73.20	3.05		0.16	0.095	0.25
90-16	90-3	73.20	76.25	3.05		0.26	0.085	0.34
90-16	90-3	76.25	79.30	3.05		0.28	0.100	0.38
90-16	90-3	79.30	82.35	3.05		0.21	0.097	0.31
90-16	90-3	82.35	85.40	3.05		0.17	0.064	0.23

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
90-17	90-4	3.05	6.10	3.05		0.01	0.003	0.01
90-17	90-4	6.10	9.15	3.05		0.01	0.004	0.01
90-17	90-4	9.15	12.20	3.05		0.01	0.003	0.01
90-17	90-4	12.20	15.25	3.05		0.01	0.002	0.01
90-17	90-4	15.25	18.30	3.05		0.01	0.002	0.01
90-17	90-4	18.30	21.35	3.05		0.18	0.006	0.19
90-17	90-4	21.35	24.40	3.05		0.26	0.013	0.27
90-17	90-4	24.40	27.45	3.05		0.16	0.010	0.17
90-17	90-4	27.45	30.50	3.05		0.09	0.007	0.10
90-17	90-4	30.50	33.55	3.05		0.10	0.010	0.11
90-17	90-4	33.55	36.60	3.05		0.08	0.007	0.09
90-17	90-4	36.60	39.65	3.05		0.06	0.005	0.06
90-17	90-4	39.65	42.70	3.05		0.02	0.004	0.02
90-17	90-4	42.70	45.75	3.05		0.03	0.003	0.03
90-17	90-4	45.75	48.80	3.05		0.04	0.010	0.05
90-17	90-4	48.80	51.85	3.05		0.08	0.016	0.10
90-17	90-4	51.85	54.90	3.05		0.04	0.007	0.05
90-17	90-4	54.90	57.95	3.05		0.08	0.005	0.09
90-17	90-4	57.95	61.00	3.05		0.08	0.006	0.09
90-17	90-4	61.00	64.05	3.05		0.05	0.004	0.05
90-17	90-4	64.05	67.10	3.05		0.08	0.010	0.09
90-17	90-4	67.10	70.15	3.05		0.22	0.050	0.27
90-17	90-4	70.15	73.20	3.05		0.46	0.084	0.54
90-17	90-4	73.20	76.25	3.05		0.34	0.078	0.42
90-17	90-4	76.25	79.30	3.05		0.22	0.093	0.31
90-17	90-4	79.30	82.35	3.05		0.16	0.082	0.24
90-17	90-4	82.35	85.40	3.05		0.35	0.119	0.47
90-17	90-4	85.40	88.45	3.05		0.21	0.096	0.31
90-17	90-4	88.45	90.50	2.05		0.19	0.086	0.28

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-37	92-1	14.02	16.00	1.98	47651	0.15	0.015	0.17
92-37	92-1	16.00	18.00	2.00	47652	0.08	0.013	0.09
92-37	92-1	18.00	20.00	2.00	47653	0.15	0.014	0.16
92-37	92-1	20.00	22.00	2.00	47654	0.15	0.013	0.16
92-37	92-1	22.00	24.00	2.00	47655	0.01	0.002	0.01
92-37	92-1	24.00	25.04	1.04	47656	0.01	0.002	0.01
92-37	92-1	25.04	26.82	1.78	47657	0.02	0.008	0.03
92-37	92-1	26.82	29.00	2.18	47658	0.01	0.001	0.01
92-37	92-1	29.00	31.00	2.00	47659	0.01	0.001	0.01
92-37	92-1	31.00	33.00	2.00	47660	0.02	0.003	0.02
92-37	92-1	33.00	35.00	2.00	47661	0.01	0.003	0.01
92-37	92-1	35.00	37.00	2.00	47662	0.01	0.003	0.01
92-37	92-1	37.00	39.00	2.00	47663	0.01	0.001	0.01
92-37	92-1	39.00	40.93	1.93	47664	0.01	0.002	0.01
92-37	92-1	40.93	43.28	2.35	47665	0.11	0.019	0.13
92-37	92-1	43.28	46.00	2.72	47666	0.01	0.003	0.01
92-37	92-1	46.00	48.00	2.00	47667	0.01	0.001	0.01
92-37	92-1	48.00	50.00	2.00	47668	0.01	0.001	0.01
92-37	92-1	50.00	52.00	2.00	47669	0.01	0.001	0.01
92-37	92-1	52.00	54.00	2.00	47670	0.01	0.001	0.01
92-37	92-1	54.00	55.15	1.15	47671	0.01	0.001	0.01
92-37	92-1	55.15	55.60	0.45	47672	0.01	0.025	0.04
92-37	92-1	55.60	58.00	2.40	47673	0.20	0.049	0.25
92-37	92-1	58.00	60.00	2.00	47674	0.28	0.079	0.36
92-37	92-1	60.00	62.00	2.00	47675	0.59	0.087	0.68
92-37	92-1	62.00	64.00	2.00	47676	0.45	0.117	0.57
92-37	92-1	64.00	66.00	2.00	47677	0.25	0.123	0.37
92-37	92-1	66.00	68.00	2.00	47678	0.19	0.174	0.36
92-37	92-1	68.00	70.00	2.00	47679	0.29	0.171	0.46
92-37	92-1	70.00	72.00	2.00	47680	0.31	0.133	0.44
92-37	92-1	72.00	74.00	2.00	47681	0.22	0.119	0.34
92-37	92-1	74.00	76.00	2.00	47682	0.18	0.116	0.30
92-37	92-1	76.00	78.00	2.00	47683	0.24	0.138	0.38
92-37	92-1	78.00	80.00	2.00	47684	0.18	0.141	0.32
92-37	92-1	80.00	82.00	2.00	47685	0.17	0.129	0.30
92-37	92-1	82.00	84.00	2.00	47686	0.20	0.176	0.38
92-37	92-1	84.00	86.00	2.00	47687	0.12	0.108	0.23
92-37	92-1	86.00	87.40	1.40	47688	0.36	0.116	0.48
92-37	92-1	87.40	89.00	1.60	47689	0.21	0.133	0.34
92-37	92-1	89.00	91.00	2.00	47690	0.13	0.107	0.24
92-37	92-1	91.00	93.00	2.00	47691	0.16	0.137	0.30
92-37	92-1	93.00	95.00	2.00	47692	0.11	0.113	0.22
92-37	92-1	95.00	97.00	2.00	47693	0.15	0.111	0.26
92-37	92-1	97.00	99.00	2.00	47694	0.14	0.152	0.29
92-37	92-1	99.00	101.00	2.00	47695	0.11	0.158	0.27
92-37	92-1	101.00	102.80	1.80	47696	0.18	0.157	0.34
92-37	92-1	102.80	104.20	1.40	47697	0.41	0.147	0.56

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-37	92-1	104.20	106.00	1.80	47698	0.16	0.142	0.30
92-37	92-1	106.00	108.00	2.00	47699	0.13	0.158	0.29
92-37	92-1	108.00	110.00	2.00	47700	0.11	0.135	0.25
92-37	92-1	110.00	112.00	2.00	47701	0.10	0.139	0.24
92-37	92-1	112.00	114.00	2.00	47702	0.23	0.190	0.42
92-37	92-1	114.00	116.00	2.00	47703	0.16	0.197	0.36
92-37	92-1	116.00	118.00	2.00	47704	0.12	0.098	0.22
92-37	92-1	118.00	120.00	2.00	47705	0.17	0.122	0.29
92-37	92-1	120.00	122.00	2.00	47706	0.18	0.149	0.33
92-37	92-1	122.00	124.00	2.00	47707	0.43	0.139	0.57
92-37	92-1	124.00	126.00	2.00	47708	0.24	0.117	0.36
92-37	92-1	126.00	127.70	1.70	47709	0.17	0.12	0.29
92-37	92-1	127.70	130.00	2.30	47710	0.42	0.133	0.55
92-37	92-1	130.00	132.00	2.00	47711	0.25	0.110	0.36
92-37	92-1	132.00	134.00	2.00	47712	0.23	0.079	0.31
92-37	92-1	134.00	136.00	2.00	47713	0.18	0.069	0.25
92-37	92-1	136.00	138.00	2.00	47714	0.31	0.143	0.45
92-37	92-1	138.00	140.00	2.00	47715	0.20	0.160	0.36
92-37	92-1	140.00	142.00	2.00	47716	0.22	0.119	0.34
92-37	92-1	142.00	143.50	1.50	47717	0.24	0.113	0.35
92-37	92-1	143.50	147.50	4.00	NS	NS	NS	NS
92-37	92-1	147.50	150.00	2.50	47718	0.14	0.102	0.24
92-37	92-1	150.00	152.00	2.00	47719	0.22	0.109	0.33
92-37	92-1	152.00	154.00	2.00	47720	0.16	0.086	0.25
92-37	92-1	154.00	156.00	2.00	47721	0.11	0.085	0.19
92-37	92-1	156.00	158.00	2.00	47722	0.13	0.118	0.25
92-37	92-1	158.00	160.00	2.00	47723	0.10	0.101	0.20
92-37	92-1	160.00	162.00	2.00	47724	0.15	0.101	0.25
92-37	92-1	162.00	164.00	2.00	47725	0.11	0.095	0.20
92-37	92-1	164.00	166.00	2.00	47726	0.14	0.099	0.24
92-37	92-1	166.00	168.00	2.00	47727	0.06	0.084	0.14
92-37	92-1	168.00	170.10	2.10	47728	0.08	0.096	0.18
92-37	92-1	170.10	172.00	1.90	47729	0.09	0.071	0.16
92-37	92-1	172.00	174.00	2.00	47730	0.09	0.067	0.16
92-37	92-1	174.00	176.00	2.00	47731	0.09	0.061	0.15
92-37	92-1	176.00	178.61	2.61	47732	0.12	0.090	0.21

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-38	92-2	14.02	16.00	1.98	47733	1.34	0.178	1.52
92-38	92-2	16.00	18.00	2.00	47734	2.08	0.095	2.17
92-38	92-2	18.00	20.00	2.00	47735	1.36	0.243	1.60
92-38	92-2	20.00	22.00	2.00	47736	2.49	0.335	2.83
92-38	92-2	22.00	24.00	2.00	47737	0.98	0.169	1.15
92-38	92-2	24.00	26.00	2.00	47738	0.83	0.188	1.02
92-38	92-2	26.00	28.00	2.00	47739	1.23	0.231	1.46
92-38	92-2	28.00	30.00	2.00	47740	0.85	0.179	1.03
92-38	92-2	30.00	32.00	2.00	47741	0.37	0.118	0.49
92-38	92-2	32.00	34.00	2.00	47742	0.52	0.125	0.64
92-38	92-2	34.00	36.00	2.00	47743	0.61	0.161	0.77
92-38	92-2	36.00	38.00	2.00	47744	0.59	0.222	0.81
92-38	92-2	38.00	40.00	2.00	47745	1.78	0.407	2.19
92-38	92-2	40.00	42.00	2.00	47746	0.81	0.177	0.99
92-38	92-2	42.00	44.10	2.10	47747	0.91	0.243	1.15
92-38	92-2	44.10	46.00	1.90	47748	0.01	0.005	0.01
92-38	92-2	46.00	48.00	2.00	47749	0.01	0.003	0.01
92-38	92-2	48.00	50.00	2.00	47750	0.01	0.002	0.01
92-38	92-2	50.00	52.00	2.00	47751	0.02	0.004	0.02
92-38	92-2	52.00	53.50	1.50	47752	0.02	0.005	0.03
92-38	92-2	53.50	56.00	2.50	47753	1.24	0.208	1.45
92-38	92-2	56.00	58.00	2.00	47754	0.91	0.180	1.09
92-38	92-2	58.00	60.00	2.00	47755	0.80	0.162	0.96
92-38	92-2	60.00	62.00	2.00	47756	0.94	0.244	1.18
92-38	92-2	62.00	64.00	2.00	47757	0.68	0.163	0.84
92-38	92-2	64.00	66.00	2.00	47758	0.36	0.082	0.44
92-38	92-2	66.00	68.00	2.00	47759	0.36	0.063	0.42
92-38	92-2	68.00	70.71	2.71	47760	0.39	0.114	0.50
92-38	92-2	70.71	73.76	3.05	47761	0.55	0.121	0.67
92-38	92-2	73.76	76.81	3.05	47762	0.40	0.099	0.50
92-38	92-2	76.81	85.95	9.14	47763	0.31	0.054	0.36
92-38	92-2	85.95	91.14	5.19	47764	0.25	0.058	0.31
92-38	92-2	91.14	95.10	3.96		NS	NS	NC
92-38	92-2	95.10	96.62	1.52	47765	0.27	0.070	0.34
92-38	92-2	96.62	97.84	1.22	47766	0.49	0.128	0.62
92-38	92-2	97.84	99.36	1.52	47767	0.43	0.093	0.52
92-38	92-2	99.36	102.71	3.35	47768	0.41	0.085	0.50
92-38	92-2	102.71	107.89	5.18	47769	0.31	0.060	0.37
92-38	92-2	107.89	111.86	3.97	47770	0.23	0.040	0.27
92-38	92-2	111.86	114.91	3.05		NS	NS	NC
92-38	92-2	114.91	116.43	1.52	47771	0.29	0.047	0.34
92-38	92-2	116.43	117.96	1.53		NS	NS	NC
92-38	92-2	117.96	119.48	1.52	47772	0.25	0.077	0.33
92-38	92-2	119.48	121.01	1.53	47773	0.27	0.061	0.33
92-38	92-2	121.01	122.53	1.52		NS	NS	NC
92-38	92-2	122.53	124.00	1.47	47774	0.23	0.055	0.28
92-38	92-2	124.00	126.00	2.00	47775	0.25	0.086	0.34

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-38	92-2	126.00	128.00	2.00	47776	0.34	0.096	0.44
92-38	92-2	128.00	130.00	2.00	47777	0.32	0.071	0.39
92-38	92-2	130.00	132.00	2.00	47778	0.40	0.070	0.47
92-38	92-2	132.00	134.00	2.00	47779	0.43	0.085	0.51
92-38	92-2	134.00	136.00	2.00	47780	0.24	0.079	0.32
92-38	92-2	136.00	138.00	2.00	47781	0.16	0.067	0.23
92-38	92-2	138.00	140.00	2.00	47782	0.26	0.092	0.35
92-38	92-2	140.00	142.00	2.00	47783	0.18	0.080	0.26
92-38	92-2	142.00	144.00	2.00	47784	0.26	0.083	0.34
92-38	92-2	144.00	146.00	2.00	47785	0.35	0.095	0.44
92-38	92-2	146.00	148.00	2.00	47786	0.30	0.080	0.38
92-38	92-2	148.00	150.00	2.00	47787	0.54	0.141	0.68
92-38	92-2	150.00	152.00	2.00	47788	0.47	0.116	0.59
92-38	92-2	152.00	154.00	2.00	47789	0.36	0.093	0.45
92-38	92-2	154.00	156.00	2.00	47790	0.33	0.089	0.42
92-38	92-2	156.00	158.00	2.00	47791	0.31	0.085	0.40
92-38	92-2	158.00	160.00	2.00	47792	0.44	0.108	0.55
92-38	92-2	160.00	162.00	2.00	47793	0.54	0.126	0.67
92-38	92-2	162.00	164.00	2.00	47794	0.37	0.088	0.46
92-38	92-2	164.00	166.00	2.00	47795	0.16	0.077	0.24
92-38	92-2	166.00	168.00	2.00	47796	0.17	0.065	0.23
92-38	92-2	168.00	170.00	2.00	47797	0.39	0.109	0.50
92-38	92-2	170.00	172.00	2.00	47798	0.46	0.119	0.58
92-38	92-2	172.00	174.00	2.00	47799	0.82	0.269	1.09
92-38	92-2	174.00	176.00	2.00	47800	0.48	0.175	0.65
92-38	92-2	176.00	178.00	2.00	47801	0.38	0.116	0.5
92-38	92-2	178.00	180.00	2.00	47802	0.70	0.103	0.80
92-38	92-2	180.00	182.00	2.00	47803	0.42	0.092	0.51
92-38	92-2	182.00	184.00	2.00	47804	0.38	0.084	0.46
92-38	92-2	184.00	186.00	2.00	47805	0.24	0.079	0.32
92-38	92-2	186.00	188.00	2.00	47806	0.72	0.164	0.88
92-38	92-2	188.00	190.00	2.00	47807	0.60	0.104	0.70
92-38	92-2	190.00	192.15	2.15	47808	0.41	0.107	0.52
92-38	92-2	192.15	194.00	1.85	47809	0.03	0.002	0.03
92-38	92-2	194.00	196.00	2.00	47810	0.02	0.001	0.02
92-38	92-2	196.00	198.73	2.73	47811	0.01	0.004	0.01

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92-39	92-3	0.00	12.20	12.20	NS	NS	NS	NC
92-39	92-3	12.20	14.00	1.80	47812	0.01	0.004	0.01
92-39	92-3	14.00	15.48	1.48	47813	0.01	0.003	0.01
92-39	92-3	15.48	16.76	1.28	47814	0.51	0.244	0.75
92-39	92-3	16.76	18.76	2.00	47815	0.75	0.315	1.07
92-39	92-3	18.76	20.50	1.74	47816	0.03	0.015	0.05
92-39	92-3	20.50	23.56	3.06	47817	0.03	0.015	0.05
92-39	92-3	23.56	26.80	3.24	47818	0.02	0.012	0.03
92-39	92-3	26.80	29.00	2.20	47819	0.55	0.273	0.82
92-39	92-3	29.00	31.00	2.00	47820	0.56	0.228	0.79
92-39	92-3	31.00	33.00	2.00	47821	0.72	0.273	0.99
92-39	92-3	33.00	35.00	2.00	47822	0.79	0.297	1.09
92-39	92-3	35.00	37.19	2.19	47823	0.74	0.302	1.04
92-39	92-3	37.19	39.00	1.81	47824	0.69	0.251	0.94
92-39	92-3	39.00	41.00	2.00	47825	0.53	0.279	0.81
92-39	92-3	41.00	43.00	2.00	47826	0.37	0.309	0.68
92-39	92-3	43.00	45.00	2.00	47827	0.68	0.403	1.08
92-39	92-3	45.00	47.65	2.65	47828	0.61	0.336	0.95
92-39	92-3	47.65	49.00	1.35	47829	0.04	0.026	0.07
92-39	92-3	49.00	51.00	2.00	47830	0.01	0.012	0.02
92-39	92-3	51.00	53.00	2.00	47831	0.03	0.016	0.05
92-39	92-3	53.00	55.00	2.00	47832	0.01	0.006	0.02
92-39	92-3	55.00	57.00	2.00	47833	0.01	0.016	0.03
92-39	92-3	57.00	59.00	2.00	47834	0.01	0.013	0.02
92-39	92-3	59.00	61.00	2.00	47835	0.01	0.023	0.03
92-39	92-3	61.00	61.97	0.97	47836	0.02	0.015	0.04
92-39	92-3	61.97	64.00	2.03	47837	0.55	0.332	0.88
92-39	92-3	64.00	66.00	2.00	47838	0.62	0.301	0.92
92-39	92-3	66.00	68.00	2.00	47839	0.56	0.266	0.83
92-39	92-3	68.00	70.00	2.00	47840	0.29	0.282	0.57
92-39	92-3	70.00	72.00	2.00	47841	0.37	0.240	0.61
92-39	92-3	72.00	74.00	2.00	47842	0.55	0.228	0.78
92-39	92-3	74.00	76.00	2.00	47843	0.63	0.214	0.84
92-39	92-3	76.00	78.00	2.00	47844	0.44	0.274	0.71
92-39	92-3	78.00	80.00	2.00	47845	0.45	0.197	0.65
92-39	92-3	80.00	81.72	1.72	47846	0.24	0.146	0.39
92-39	92-3	81.72	82.53	0.81	47847	0.08	0.231	0.31
92-39	92-3	82.53	83.35	0.82	47848	0.04	0.051	0.09
92-39	92-3	83.35	85.00	1.65	47849	0.26	0.274	0.53
92-39	92-3	85.00	87.00	2.00	47850	0.34	0.226	0.57
92-39	92-3	87.00	89.00	2.00	47851	0.39	0.271	0.66
92-39	92-3	89.00	91.00	2.00	47852	0.14	0.170	0.31
92-39	92-3	91.00	93.00	2.00	47853	0.18	0.176	0.36
92-39	92-3	93.00	95.00	2.00	47854	0.23	0.224	0.45
92-39	92-3	95.00	97.00	2.00	47855	0.43	0.296	0.73
92-39	92-3	97.00	99.00	2.00	47856	0.34	0.253	0.59
92-39	92-3	99.00	101.00	2.00	47857	0.26	0.234	0.49

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HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-39	92-3	101.00	103.00	2.00	47858	0.41	0.276	0.69
92-39	92-3	103.00	105.00	2.00	47859	0.30	0.223	0.52
92-39	92-3	105.00	106.00	1.00	47860	0.59	0.320	0.91
92-39	92-3	106.00	108.00	2.00	47861	0.26	0.188	0.45
92-39	92-3	108.00	110.00	2.00	47862	0.49	0.225	0.71
92-39	92-3	110.00	111.88	1.88	47863	0.99	0.312	1.30
92-39	92-3	111.88	114.00	2.12	47864	0.47	0.197	0.67
92-39	92-3	114.00	116.00	2.00	47865	0.33	0.286	0.62
92-39	92-3	116.00	118.00	2.00	47866	0.30	0.197	0.50
92-39	92-3	118.00	120.00	2.00	47867	0.19	0.149	0.34
92-39	92-3	120.00	122.00	2.00	47868	0.27	0.174	0.44
92-39	92-3	122.00	124.00	2.00	47869	0.22	0.164	0.38
92-39	92-3	124.00	126.00	2.00	47870	0.35	0.199	0.55
92-39	92-3	126.00	128.00	2.00	47871	0.41	0.277	0.69
92-39	92-3	128.00	130.00	2.00	47872	0.44	0.276	0.72
92-39	92-3	130.00	132.00	2.00	47873	0.34	0.236	0.58
92-39	92-3	132.00	134.00	2.00	47874	0.34	0.240	0.58
92-39	92-3	134.00	136.00	2.00	47875	0.31	0.176	0.49
92-39	92-3	136.00	138.00	2.00	47876	0.28	0.203	0.48
92-39	92-3	138.00	140.00	2.00	47877	0.29	0.179	0.47
92-39	92-3	140.00	142.00	2.00	47878	0.30	0.166	0.47
92-39	92-3	142.00	143.18	1.18	47879	0.17	0.124	0.29
92-39	92-3	143.18	145.00	1.82	47880	0.09	0.045	0.14
92-39	92-3	145.00	147.00	2.00	47881	0.19	0.054	0.24
92-39	92-3	147.00	149.10	2.10	47882	0.11	0.042	0.15
92-39	92-3	149.10	151.00	1.90	47883	0.14	0.120	0.26
92-39	92-3	151.00	153.00	2.00	47884	0.01	0.155	0.17
92-39	92-3	153.00	155.00	2.00	47885	0.12	0.136	0.26
92-39	92-3	155.00	157.00	2.00	47886	0.10	0.183	0.28
92-39	92-3	157.00	159.00	2.00	47887	0.19	0.221	0.41
92-39	92-3	159.00	161.00	2.00	47888	0.22	0.212	0.43
92-39	92-3	161.00	163.00	2.00	47889	0.27	0.293	0.56
92-39	92-3	163.00	165.20	2.20	47890	0.15	0.184	0.33
92-39	92-3	165.20	167.00	1.80	47891	0.14	0.260	0.40
92-39	92-3	167.00	171.30	4.30	47892	0.14	0.157	0.30
92-39	92-3	171.30	174.35	3.05	47893	0.13	0.157	0.29
92-39	92-3	174.35	179.22	4.87	47894	0.18	0.090	0.27
92-39	92-3	179.22	181.00	1.78	47895	0.16	0.122	0.28
92-39	92-3	181.00	183.00	2.00	47896	0.24	0.105	0.34
92-39	92-3	183.00	185.00	2.00	47897	0.22	0.092	0.31
92-39	92-3	185.00	187.00	2.00	47898	0.27	0.104	0.37
92-39	92-3	187.00	189.00	2.00	47899	0.22	0.128	0.35
92-39	92-3	189.00	191.00	2.00	47900	0.21	0.132	0.34
92-39	92-3	191.00	193.00	2.00	47901	0.14	0.081	0.22
92-39	92-3	193.00	195.00	2.00	47902	0.14	0.086	0.23
92-39	92-3	195.00	197.00	2.00	47903	0.15	0.057	0.21
92-39	92-3	197.00	199.00	2.00	47904	0.15	0.070	0.22



ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-39	92-3	199.00	201.78	2.78	47905	0.17	0.071	0.24

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-40	92-4	0.00	14.02	14.02		NS	NS	NC
92-40	92-4	14.02	16.00	1.98	47906	0.68	0.083	0.76
92-40	92-4	16.00	18.00	2.00	47907	1.75	0.350	2.10
92-40	92-4	18.00	20.00	2.00	47908	2.30	0.244	2.54
92-40	92-4	20.00	22.00	2.00	47909	3.34	0.282	3.62
92-40	92-4	22.00	24.00	2.00	47910	2.49	0.196	2.69
92-40	92-4	24.00	26.00	2.00	47911	2.24	0.228	2.47
92-40	92-4	26.00	28.00	2.00	47912	1.21	0.214	1.42
92-40	92-4	28.00	30.00	2.00	47913	1.23	0.199	1.43
92-40	92-4	30.00	32.00	2.00	47914	1.82	0.273	2.09
92-40	92-4	32.00	34.00	2.00	47915	1.39	0.205	1.60
92-40	92-4	34.00	36.00	2.00	47916	1.16	0.179	1.34
92-40	92-4	36.00	38.00	2.00	47917	1.15	0.170	1.32
92-40	92-4	38.00	40.00	2.00	47918	1.12	0.207	1.33
92-40	92-4	40.00	42.00	2.00	47919	1.10	0.218	1.32
92-40	92-4	42.00	44.00	2.00	47920	1.48	0.237	1.72
92-40	92-4	44.00	46.00	2.00	47921	0.94	0.161	1.10
92-40	92-4	46.00	48.00	2.00	47922	0.80	0.133	0.93
92-40	92-4	48.00	49.25	1.25	47923	1.08	0.222	1.30
92-40	92-4	49.25	51.00	1.75	47924	0.03	0.006	0.04
92-40	92-4	51.00	53.00	2.00	47925	0.02	0.003	0.02
92-40	92-4	53.00	54.55	1.55	47926	0.03	0.003	0.03
92-40	92-4	54.55	56.75	2.20	47927	1.55	0.614	2.16
92-40	92-4	56.75	58.00	1.25	47928	0.66	0.220	0.88
92-40	92-4	58.00	60.00	2.00	47929	1.51	0.259	1.77
92-40	92-4	60.00	62.00	2.00	47930	1.37	0.257	1.63
92-40	92-4	62.00	64.00	2.00	47931	1.36	0.260	1.62
92-40	92-4	64.00	65.84	1.84	47932	1.24	0.193	1.43
92-40	92-4	65.84	68.58	2.74	47933	0.62	0.174	0.79
92-40	92-4	68.58	71.02	2.44	47934	0.58	0.132	0.71
92-40	92-4	71.02	73.16	2.14	47935	0.54	0.135	0.68
92-40	92-4	73.16	75.29	2.13	47936	0.32	0.083	0.40
92-40	92-4	75.29	77.42	2.13	47937	0.59	0.108	0.70
92-40	92-4	77.42	80.17	2.75	47938	0.69	0.150	0.84
92-40	92-4	80.17	82.91	2.74	47939	0.40	0.128	0.53
92-40	92-4	82.91	86.11	3.20	47940	0.63	0.120	0.75
92-40	92-4	86.11	89.31	3.20	47941	0.55	0.110	0.66
92-40	92-4	89.31	93.27	3.96	47942	0.45	0.091	0.54
92-40	92-4	93.27	98.15	4.88	47943	0.52	0.091	0.61
92-40	92-4	98.15	108.81	10.66	47944	0.24	0.108	0.35
92-40	92-4	108.81	113.39	4.58	47945	0.49	0.069	0.56
92-40	92-4	113.39	116.74	3.35	47946	0.57	0.085	0.65
92-40	92-4	116.74	124.06	7.32	47947	0.85	0.126	0.98
92-40	92-4	124.06	131.68	7.62	47948	0.87	0.103	0.97
92-40	92-4	131.68	134.72	3.04	47949	1.11	0.135	1.25
92-40	92-4	134.72	137.77	3.05	47950	1.12	0.150	1.27
92-40	92-4	137.77	140.00	2.23	47951	1.47	0.179	1.65

ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL ASSAY DATA

HOLE NUMBER	OLD HOLE	FROM (m)	TO (m)	LENGTH (m)	SAMPLE NUMBER	AU g/tonne	CU %	EQUIV. %
92-40	92-4	140.00	142.00	2.00	47952	0.02	0.005	0.03
92-40	92-4	142.00	144.00	2.00	47953	0.01	0.003	0.01
92-40	92-4	144.00	146.00	2.00	47954	0.01	0.002	0.01
92-40	92-4	146.00	148.00	2.00	47955	0.02	0.002	0.02
92-40	92-4	148.00	150.00	2.00	47956	0.02	0.003	0.02
92-40	92-4	150.00	152.00	2.00	47957	0.01	0.001	0.01
92-40	92-4	152.00	154.00	2.00	47958	0.01	0.001	0.01
92-40	92-4	154.00	156.00	2.00	47959	0.02	0.003	0.02
92-40	92-4	156.00	158.00	2.00	47960	0.02	0.004	0.02
92-40	92-4	158.00	160.00	2.00	47961	0.03	0.003	0.03
92-40	92-4	160.00	161.50	1.50	47962	0.02	0.001	0.02
92-40	92-4	161.50	163.00	1.50	47963	0.01	0.001	0.01
92-40	92-4	163.00	164.50	1.50	47964	0.19	0.035	0.22
92-40	92-4	164.50	166.00	1.50	47965	0.54	0.102	0.64
92-40	92-4	166.00	167.70	1.70	47966	0.49	0.078	0.57
92-40	92-4	167.70	169.20	1.50	47967	0.09	0.029	0.12
92-40	92-4	169.20	170.80	1.60	47968	0.04	0.013	0.05
92-40	92-4	170.80	173.00	2.20	47969	0.46	0.107	0.57
92-40	92-4	173.00	175.00	2.00	47970	0.54	0.120	0.66
92-40	92-4	175.00	177.00	2.00	47971	0.41	0.086	0.50
92-40	92-4	177.00	179.00	2.00	47972	0.28	0.081	0.36
92-40	92-4	179.00	181.00	2.00	47973	0.34	0.083	0.42
92-40	92-4	181.00	182.65	1.65	47974	0.40	0.090	0.49
92-40	92-4	182.65	184.70	2.05	47975	0.06	0.002	0.06
92-40	92-4	184.70	186.20	1.50	47976	0.02	0.002	0.02
92-40	92-4	186.20	187.70	1.50	47977	0.02	0.002	0.02
92-40	92-4	187.70	189.70	2.00	47978	0.02	0.007	0.03
92-40	92-4	189.70	191.25	1.55	47979	0.01	0.006	0.02
92-40	92-4	191.25	193.00	1.75	47980	0.02	0.004	0.02
92-40	92-4	193.00	195.00	2.00	47981	0.01	0.002	0.01
92-40	92-4	195.00	197.00	2.00	47982	0.02	0.003	0.02
92-40	92-4	197.00	198.60	1.60	47983	0.01	0.003	0.01
92-40	92-4	198.60	200.26	1.66	47984	0.01	0.003	0.01

**Part (iv)**

**Assay Certificates and ICP Reports  
1992 Romulus Drilling**

**iv (a) - Hole 92-37**

**Min-En File #'s 2V-1021-RA1 to RA4  
2V-1021-RJ1 to RJ4**



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**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2V-1021-RA1

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D.COPELAND/M.REBAGLIATI**

Date: **SEP-23-92**  
Copy 1. **ROMULUS RESOURCES, VANCOUVER, B.C.**  
2. **ROMULUS RESOURCES, C/O SMITHERS EXPEDT**

We hereby certify the following Assay of 24 CORE samples submitted SEP-17-92 by B.K. BOWEN.

Sample Number	*AU g/tonne	*AU oz/ton	CU %
47651	.15	.004	.015
47652	.08	.002	.013
47653	.15	.004	.014
47654	.15	.004	.013
47655	.01	.001	.002
47656	.01	.001	.002
47657	.02	.001	.008
47658	.01	.001	.001
47659	.01	.001	.001
47660	.02	.001	.003
47661	.01	.001	.003
47662	.01	.001	.003
47663	.01	.001	.001
47664	.01	.001	.002
47665	.11	.003	.019
47666	.01	.001	.003
47667	.01	.001	.001
47668	.01	.001	.001
47669	.01	.001	.001
47670	.01	.001	.001
47671	.01	.001	.001
47672	.01	.001	.025
47673	.20	.006	.049
47674	.28	.008	.079

\*1 ASSAY TON

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FAX (604) 980-9821

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

## Assay Certificate

**2V-1021-RA2**

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D.COPELAND/M.REBAGLIATI**

Date: **SEP-23-92**  
Copy 1. **ROMULUS RESOURCES, VANCOUVER, B.C.**  
2. **ROMULUS RESOURCES, C/O SMITHERS EXPEDT**

We hereby certify the following Assay of 24 CORE samples submitted SEP-17-92 by B.K. BOWEN.

Sample Number	*AU g / tonne	*AU oz / ton	CU %
47675	.59	.017	.087
47676	.45	.013	.117
47677	.25	.007	.123
47678	.19	.006	.174
47679	.29	.008	.171
47680	.31	.009	.133
47681	.22	.006	.119
47682	.18	.005	.116
47683	.24	.007	.138
47684	.18	.005	.141
47685	.17	.005	.129
47686	.20	.006	.176
47687	.12	.004	.108
47688	.36	.011	.116
47689	.21	.006	.133
47690	.13	.004	.107
47691	.16	.005	.137
47692	.11	.003	.113
47693	.15	.004	.111
47694	.14	.004	.152
47695	.11	.003	.158
47696	.18	.005	.157
47697	.41	.012	.147
47698	.16	.005	.142

\*1 ASSAY TON

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 NORTH VANCOUVER, B.C. CANADA V7M 1T2  
 TELEPHONE (604) 980-5814 OR (604) 988-4524  
 FAX (604) 980-9621

**SMITHERS LAB.:**

3176 TATLOW ROAD  
 SMITHERS, B.C. CANADA V0J 2N0  
 TELEPHONE (604) 847-3004  
 FAX (604) 847-3005

Assay Certificate

2V-1021-RA3

Company: **ROMULUS RESOURCES**  
 Project: **PINE**  
 Attn: **D.COPELAND/M.REBAGLIATI**

Date: **SEP-23-92**

- Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.  
 2. ROMULUS RESOURCES, C/O SMITHERS EXPEDT

We hereby certify the following Assay of 24 CORE samples submitted SEP-17-92 by B.K. BOWEN.

Sample Number	*AU g/tonne	*AU oz/ton	CU %
47699	.13	.004	.158
47700	.11	.003	.135
47701	.10	.003	.139
47702	.23	.007	.190
47703	.16	.005	.197
47704	.12	.004	.098
47705	.17	.005	.122
47706	.18	.005	.149
47707	.43	.013	.139
47708	.24	.007	.117
47709	.17	.005	.120
47710	.42	.012	.133
47711	.25	.007	.110
47712	.23	.007	.079
47713	.18	.005	.069
47714	.31	.009	.143
47715	.20	.006	.160
47716	.22	.006	.119
47717	.24	.007	.113
47718	.14	.004	.102
47719	.22	.006	.109
47720	.16	.005	.086
47721	.11	.003	.085
47722	.13	.004	.118

\*1 ASSAY TON

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TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**

3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

*Assay Certificate*

**2V-1021-RA4**

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D.COPELAND/M.REBAGLIATI**

Date: **SEP-23-92**

- Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.  
2. ROMULUS RESOURCES, C/O SMITHERS EXPEDT

We hereby certify the following Assay of 10 CORE samples submitted SEP-17-92 by B.K. BOWEN.

Sample Number	*AU g / tonne	*AU oz / ton	CU %
47723	.10	.003	.101
47724	.15	.004	.101
47725	.11	.003	.095
47726	.14	.004	.099
47727	.06	.002	.084
47728	.08	.002	.096
47729	.09	.003	.071
47730	.09	.003	.067
47731	.09	.003	.061
47732	.12	.004	.090

\*1 ASSAY TON

Certified by 

**MIN-EN LABORATORIES**



COMP: ROMULUS RESOURCES  
 PROJ: PINE  
 ATTN: D.COPELAND/M.REBAGLIATI

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2V-1021-RJ3+4  
 DATE: 92/09/23  
 \* CORE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
47699	.5	.95	1	5	241	.1	4	.54	.1	12	1456	4.53	.27	4	.54	1160	7	.04	1	900	9	1	14	1	1297	76.0	303	1	1	4	64
47700	.6	1.08	1	6	236	.1	4	.54	.1	13	1233	4.27	.31	4	.60	827	7	.04	1	880	6	1	16	1	1276	60.7	143	1	1	4	44
47701	1.2	1.32	1	6	244	.1	7	.73	.1	12	1408	4.00	.36	4	.64	1066	8	.05	1	1020	7	1	33	1	1689	69.2	241	1	2	5	83
47702	2.2	1.45	1	7	260	.1	4	.81	.1	13	1758	4.72	.35	4	.53	1028	10	.03	1	730	9	1	39	1	1313	67.1	286	1	1	4	47
47703	1.7	1.28	1	6	180	.1	8	.78	.1	13	1385	4.72	.27	5	.70	1514	9	.04	1	940	12	1	22	1	1714	77.6	375	1	1	5	59
47704	.1	1.95	1	9	158	.1	10	1.01	.1	12	906	4.37	.22	11	1.20	2138	3	.05	1	940	7	1	39	1	1242	85.8	447	1	2	4	37
47705	1.3	1.76	1	8	274	.1	11	.79	.1	13	1144	4.94	.28	11	1.21	2243	6	.04	1	950	9	1	26	1	2056	83.8	469	1	3	5	64
47706	2.5	1.69	1	8	300	.1	9	.76	.1	14	1391	5.12	.31	9	1.13	1993	3	.04	1	910	10	1	29	1	1795	68.7	438	1	2	4	41
47707	5.0	1.99	1	10	467	.1	7	.63	.1	14	1359	5.25	.56	11	1.30	1670	6	.04	1	930	12	1	17	1	1491	56.3	540	1	2	5	72
47708	2.7	1.74	1	9	412	.1	4	.53	.1	17	1145	5.22	.58	8	1.10	1183	8	.03	1	950	9	1	12	1	950	31.3	436	1	1	4	70
47709	1.2	2.13	1	10	674	.1	10	.69	.1	13	1115	5.01	.50	12	1.37	2484	8	.05	1	970	5	1	18	1	1936	68.8	322	1	2	5	65
47710	4.2	1.91	1	10	386	.1	4	.53	.1	16	1241	5.40	.71	8	1.05	1153	6	.03	1	940	6	1	12	1	651	25.7	267	1	1	4	71
47711	3.2	2.33	1	12	474	.1	5	.40	.1	12	1016	4.26	.91	9	1.31	1593	5	.04	1	950	6	1	9	2	580	33.2	543	1	1	5	86
47712	2.2	1.97	1	9	467	.1	3	.34	10.8	13	699	4.26	.81	9	1.22	1419	5	.03	1	880	36	1	8	1	204	24.3	1498	1	1	4	69
47713	2.1	1.85	1	9	375	.1	3	.34	4.7	12	620	4.20	.70	9	1.18	1379	38	.03	1	830	42	1	9	2	146	27.0	1015	1	1	5	90
47714	3.0	1.85	1	9	322	.1	6	.79	16.4	16	1396	5.32	.38	9	1.01	2209	11	.02	1	800	611	1	24	1	1455	57.6	1722	1	1	5	53
47715	1.8	1.94	1	9	219	.1	9	.94	15.0	14	1367	4.96	.26	9	1.03	2396	5	.02	1	750	802	1	34	1	1763	71.0	1559	1	1	4	42
47716	1.3	1.79	1	9	368	.1	10	.81	8.2	13	1124	5.02	.35	8	1.01	2169	7	.03	1	800	214	1	36	1	1791	63.8	1229	1	1	6	88
47717	1.1	1.87	1	10	506	.1	8	.70	.1	13	1035	5.51	.38	14	1.01	2071	5	.04	1	800	76	1	36	1	1710	67.5	600	1	1	7	77
47718	.8	1.96	1	9	582	.1	8	.72	.1	14	898	4.49	.57	8	1.03	1106	4	.04	1	1010	11	1	20	1	1593	59.6	173	1	1	5	77
47719	1.2	1.86	1	8	312	.1	8	.95	.1	15	967	4.23	.33	9	1.01	1182	4	.04	1	880	52	1	36	1	1650	62.5	296	1	2	4	51
47720	.7	2.12	1	10	216	.1	10	1.25	.1	15	800	4.43	.24	10	1.11	1164	3	.04	1	930	33	1	43	1	1868	81.7	235	1	2	5	62
47721	.9	2.03	1	9	367	.1	9	1.07	.1	15	759	4.43	.36	10	1.11	929	2	.04	1	950	28	1	38	1	1543	66.6	157	1	1	3	44
47722	1.3	2.44	1	11	337	.1	9	1.24	.1	16	1146	4.84	.35	9	1.05	1126	5	.03	1	970	6	1	55	1	1845	75.2	141	1	1	4	61
47723	.4	2.42	1	12	335	.1	9	1.23	.1	15	990	4.97	.35	11	1.21	1515	3	.04	1	1030	35	1	48	1	2094	91.3	282	1	2	4	59
47724	1.3	2.90	1	13	371	.1	8	1.50	.1	17	975	4.76	.40	9	1.07	1298	2	.02	1	950	38	1	74	1	1900	71.0	304	1	1	3	44
47725	.4	2.42	1	12	327	.1	11	1.22	.1	16	964	5.31	.37	11	1.20	1798	4	.05	1	990	14	1	55	1	2263	98.7	235	1	2	5	61
47726	.5	2.79	1	13	237	.1	11	1.52	.1	18	1042	5.55	.28	10	1.24	1588	4	.04	1	1020	21	1	79	1	2220	94.9	278	1	2	4	49
47727	.1	2.23	1	10	236	.1	10	1.32	.1	16	837	5.23	.27	11	1.28	1435	4	.07	1	1020	10	1	54	1	2214	102.2	191	1	2	4	66
47728	.1	3.02	1	13	193	.1	11	1.88	.1	17	947	5.06	.22	11	1.35	1867	2	.03	1	1030	4	1	69	1	2226	101.1	378	1	15	3	40
47729	.1	2.34	1	10	178	.1	12	1.38	.1	16	734	5.12	.21	13	1.39	1501	5	.06	1	1080	11	1	45	1	2364	106.1	258	1	41	4	54
47730	.1	2.29	1	10	341	.1	13	1.27	.1	15	733	5.04	.28	12	1.49	1268	1	.06	1	1180	3	1	40	1	2374	108.6	190	1	26	5	51
47731	.2	2.29	1	10	235	.1	12	1.32	.1	16	620	5.06	.28	13	1.43	1310	2	.06	1	1090	17	1	34	1	2313	99.8	239	1	8	5	56
47732	.3	2.04	1	8	172	.1	10	1.08	.1	15	885	4.99	.25	12	1.30	1130	2	.05	1	1100	31	1	34	1	2000	88.1	333	1	2	4	45

**iv (b) - Hole 92-38**

**Min-En File #'s 2S-0354-RA1 to RA4  
2S-0354-RJ1 to RJ4**



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NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**

3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0354-RA1

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**  
Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B. K. BOWEN.

Sample Number	AU g/tonne	AU oz/ton	CU %
47733	1.34	.039	.178
47734	2.08	.061	.095
47735	1.36	.040	.243
47736	2.49	.073	.335
47737	.98	.029	.169
47738	.83	.024	.188
47739	1.23	.036	.231
47740	.85	.025	.179
47741	.37	.011	.118
47742	.52	.015	.125
47743	.61	.018	.161
47744	.59	.017	.222
47745	1.78	.052	.407
47746	.81	.024	.177
47747	.91	.027	.243
47748	.01	.001	.005
47749	.01	.001	.003
47750	.01	.001	.002
47751	.02	.001	.004
47752	.02	.001	.005
47753	1.24	.036	.208
47754	.91	.027	.180
47755	.80	.023	.162
47756	.94	.027	.244

Certified by \_\_\_\_\_

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**SMITHERS LAB.:**

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SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

***Assay Certificate***

**2S-0354-RA2**

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**

Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B. K. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU-TOTAL %
47757	.68	.020	.163
47758	.36	.011	.082
47759	.36	.011	.063
47760	.39	.011	.114
47761	.55	.016	.121
47762	.40	.012	.099
47763	.31	.009	.054
47764	.25	.007	.058
47765	.27	.008	.070
47766	.49	.014	.128
47767	.43	.013	.093
47768	.41	.012	.085
47769	.31	.009	.060
47770	.23	.007	.040
47771	.29	.008	.047
47772	.25	.007	.077
47773	.27	.008	.061
47774	.23	.007	.055
47775	.25	.007	.086
47776	.34	.010	.096
47777	.32	.009	.071
47778	.40	.012	.070
47779	.43	.013	.085
47780	.24	.007	.079

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FAX (604) 980-9621

**SMITHERS LAB.:**

3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

***Assay Certificate***

**2S-0354-RA3**

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**

Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B. K. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU-TOTAL %
47781	.16	.005	.067
47782	.26	.008	.092
47783	.18	.005	.080
47784	.26	.008	.083
47785	.35	.010	.095
47786	.30	.009	.080
47787	.54	.016	.141
47788	.47	.014	.116
47789	.36	.011	.093
47790	.33	.010	.089
47791	.31	.009	.085
47792	.44	.013	.108
47793	.54	.016	.126
47794	.37	.011	.088
47795	.16	.005	.077
47796	.17	.005	.065
47797	.39	.011	.109
47798	.46	.013	.119
47799	.82	.024	.269
47800	.48	.014	.175
47801	.38	.011	.116
47802	.70	.020	.103
47803	.42	.012	.092
47804	.38	.011	.084

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FAX (604) 980-9621

**SMITHERS LAB.:**

3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0354-RA4

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**

Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 7 CORE samples submitted SEP-28-92 by B. K. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU-TOTAL %
47805	.24	.007	.079
47806	.72	.021	.164
47807	.60	.018	.104
47808	.41	.012	.107
47809	.03	.001	.002
47810	.02	.001	.001
47811	.01	.001	.004

Certified by \_\_\_\_\_

MIN-EN LABORATORIES





COMP: ROMULUS RESOURCES  
 PROJ: PINE  
 ATTN: D COPELAND/M REBAGLIATI/B BOWEN

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: ZS-0354-RJ3+  
 DATE: 92/10/0  
 \* CORE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CO PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SM PPM	W PPM	CR PPM
47781	.7	.97	1	5	236	.3	6	1.91	.1	12	613	3.78	.28	5	.36	506	14	.03	1	820	5	1	100	1	1178	33.4	126	1	1	3	54
47782	.8	1.02	1	6	331	.4	7	1.97	.1	11	877	4.23	.34	5	.40	665	24	.04	1	890	7	1	112	1	1400	43.1	110	1	1	4	66
47783	.9	.94	1	6	228	.3	7	2.32	.1	13	817	4.77	.25	6	.42	563	49	.03	1	820	6	1	119	1	1343	50.1	96	1	2	3	45
47784	.2	.89	1	5	237	.4	4	2.30	.1	10	780	4.59	.28	4	.43	457	27	.03	1	730	2	1	143	1	970	47.2	59	1	1	2	36
47785	.5	.68	1	4	196	.3	5	1.97	.1	13	890	5.17	.19	4	.36	393	15	.03	1	650	4	1	96	1	970	55.0	75	1	1	4	62
47786	.3	.73	1	4	151	.3	6	1.96	.1	10	721	4.53	.18	6	.50	489	21	.03	1	800	5	1	102	1	1152	57.1	94	1	1	3	34
47787	.1	.59	1	4	112	.2	3	1.68	.1	13	1301	5.80	.18	4	.34	283	25	.02	1	690	8	1	86	1	892	59.4	203	1	1	3	41
47788	.1	.68	1	4	87	.5	6	1.84	.1	12	1092	5.31	.17	6	.51	252	24	.03	1	870	8	1	76	1	1113	63.1	115	1	2	3	32
47789	.3	.67	1	4	111	.3	6	1.88	.1	11	848	4.63	.16	5	.46	266	23	.03	1	810	8	1	99	1	1076	52.9	121	1	3	3	49
47790	.4	.58	1	3	118	.3	4	1.84	.1	12	847	4.62	.14	4	.38	244	22	.03	1	810	9	1	80	1	1055	54.1	106	1	1	3	33
47791	.2	.81	1	5	178	.4	7	1.83	.1	10	817	5.27	.21	6	.51	350	16	.05	1	860	8	1	80	1	1297	64.9	156	1	1	5	80
47792	.8	.67	1	4	128	.4	6	1.82	.1	11	993	4.38	.21	4	.37	343	21	.03	1	800	10	1	89	1	1055	50.3	212	1	1	3	35
47793	1.0	.76	1	4	169	.4	7	1.89	.1	12	1225	4.74	.22	5	.43	384	25	.04	1	820	9	1	90	1	1347	61.0	183	1	1	5	79
47794	.4	.63	1	3	132	.5	6	2.04	.1	10	815	4.33	.18	4	.39	394	20	.03	1	820	7	1	117	1	1001	52.6	108	1	1	2	34
47795	.8	.46	1	2	324	.2	3	3.85	.1	6	738	2.91	.18	2	.28	267	33	.02	1	670	10	1	240	1	381	22.1	38	1	1	3	56
47796	.5	.60	1	3	607	.3	3	2.38	.1	9	622	3.57	.26	2	.29	250	29	.02	1	770	14	1	198	2	418	26.8	39	1	1	3	47
47797	.7	.70	1	4	443	.5	4	2.46	.1	11	1015	3.77	.28	3	.29	460	48	.03	1	660	12	1	175	1	590	38.9	100	1	1	4	80
47798	.7	.69	1	4	224	.4	6	1.92	.1	10	1126	4.29	.23	4	.37	485	23	.04	1	850	9	1	112	1	1055	54.5	182	1	1	3	53
47799	3.9	.81	1	4	288	.5	6	1.81	.1	15	2603	3.83	.25	6	.53	642	29	.02	1	710	23	1	107	2	1021	40.6	237	1	1	5	82
47800	2.0	.72	1	4	181	.4	6	2.22	.1	13	1606	2.90	.26	4	.38	530	48	.02	1	680	20	1	138	2	828	36.5	361	1	1	3	43
47801	.4	.51	1	3	252	.5	3	3.82	.1	12	1074	4.62	.22	2	.22	271	44	.03	1	720	10	1	183	1	483	48.1	284	1	1	2	29
47802	1.2	.34	1	2	310	.4	2	2.02	.1	10	935	3.86	.17	1	.15	153	16	.03	1	710	10	1	166	1	76	8.7	42	1	1	2	54
47803	1.7	.43	1	3	367	.6	2	2.58	.1	11	842	3.61	.25	3	.12	172	58	.02	1	820	12	1	226	2	41	8.2	160	1	1	4	90
47804	1.4	.41	1	2	246	.4	2	2.47	.1	8	763	2.86	.21	1	.11	186	13	.01	1	660	20	1	212	2	55	6.9	101	1	1	2	49
47805	2.1	.47	7	4	254	.4	2	4.60	51.7	7	740	2.83	.26	1	.07	111	171	.01	1	700	69	1	291	1	49	6.8	3376	1	1	3	58
47806	3.3	.80	1	4	321	.5	4	4.37	18.8	10	1485	3.80	.33	3	.28	456	32	.01	1	740	48	1	213	1	490	22.4	1653	1	1	3	48
47807	1.2	1.31	1	6	372	.6	7	2.92	.1	12	960	4.42	.30	7	.60	851	32	.02	1	840	19	1	175	1	1086	55.7	209	1	1	4	62
47808	1.1	1.12	1	5	204	.6	6	2.42	.1	12	1001	4.75	.24	6	.59	603	39	.03	1	830	14	1	119	1	1077	45.1	151	1	2	2	31
47809	.1	1.19	1	5	223	1.0	6	1.47	.1	8	32	2.57	.12	6	.73	760	3	.09	1	620	12	1	92	3	1093	58.0	90	1	8	6	133
47810	.1	1.09	1	4	308	1.1	6	1.36	.1	8	19	2.44	.10	5	.68	689	1	.06	1	590	11	1	51	3	1099	57.5	85	1	1	4	67
47811	.1	1.31	1	5	163	1.0	8	1.28	.1	8	48	2.62	.12	5	.75	788	1	.09	1	600	42	1	55	3	1361	57.0	140	1	2	4	79

10-06-1992 10:17 MIN-EN VANCO. 604 980 9621 P.13

TOTAL 0 47

**iv (c) - Hole 92-39**

**Min-En File #'s 2S-0349-RA1 to RA4  
2S-0349-RJ1 to RJ4**



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FAX (604) 980-9621

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0349-RA1

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**  
Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B.K. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU %
47812	.01	.001	.004
47813	.01	.001	.003
47814	.51	.015	.244
47815	.75	.022	.315
47816	.03	.001	.015
47817	.03	.001	.015
47818	.02	.001	.012
47819	.55	.016	.273
47820	.56	.016	.228
47821	.72	.021	.273
47822	.79	.023	.297
47823	.74	.022	.302
47824	.69	.020	.251
47825	.53	.015	.279
47826	.37	.011	.309
47827	.68	.020	.403
47828	.61	.018	.336
47829	.04	.001	.026
47830	.01	.001	.012
47831	.03	.001	.016
47832	.01	.001	.006
47833	.01	.001	.016
47834	.01	.001	.013
47835	.01	.001	.023

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705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0349-RA2

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**  
Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B.K. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU %
47836	.02	.001	.015
47837	.55	.016	.332
47838	.62	.018	.301
47839	.56	.016	.266
47840	.29	.008	.282
47841	.37	.011	.240
47842	.55	.016	.228
47843	.63	.018	.214
47844	.44	.013	.274
47845	.45	.013	.197
47846	.24	.007	.146
47847	.08	.002	.231
47848	.04	.001	.051
47849	.26	.008	.274
47850	.34	.010	.226
47851	.39	.011	.271
47852	.14	.004	.170
47853	.18	.005	.176
47854	.23	.007	.224
47855	.43	.013	.296
47856	.34	.010	.253
47857	.26	.008	.234
47858	.41	.012	.276
47859	.30	.009	.223

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**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0349-RA3

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**  
Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B.K. BOWEN.

Sample Number	AU-FIRE g / tonne	AU-FIRE oz / ton	CU %
47860	.59	.017	.320
47861	.26	.008	.188
47862	.49	.014	.225
47863	.99	.029	.312
47864	.47	.014	.197
47865	.33	.010	.286
47866	.30	.009	.197
47867	.19	.006	.149
47868	.27	.008	.174
47869	.22	.006	.164
47870	.35	.010	.199
47871	.41	.012	.277
47872	.44	.013	.276
47873	.34	.010	.236
47874	.34	.010	.240
47875	.31	.009	.176
47876	.28	.008	.203
47877	.29	.008	.179
47878	.30	.009	.166
47879	.17	.005	.124
47880	.09	.003	.045
47881	.19	.006	.054
47882	.11	.003	.042
47883	.14	.004	.120

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**VANCOUVER OFFICE:**  
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FAX (604) 980-9621

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0349-RA4

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-07-92**  
Copy 1. ROMULUS RESOURCES, VANCOUVER, B.C.

We hereby certify the following Assay of 21 CORE samples submitted SEP-28-92 by B.K. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU %
47884	.01	.001	.155
47885	.12	.004	.136
47886	.10	.003	.183
47887	.19	.006	.221
47888	.22	.006	.212
47889	.27	.008	.293
47890	.15	.004	.184
47891	.14	.004	.260
47892	.14	.004	.157
47893	.13	.004	.157
47894	.18	.005	.090
47895	.16	.005	.122
47896	.24	.007	.105
47897	.22	.006	.092
47898	.27	.008	.104
47899	.22	.006	.128
47900	.21	.006	.132
47901	.14	.004	.081
47902	.14	.004	.086
47903	.15	.004	.057
47904	.15	.004	.070
47905	.17	.005	.071

Certified by \_\_\_\_\_

MIN-EN LABORATORIES





COMP: ROMULUS RESOURCES

PROJ: PINE

ATTN: D COPELAND/M REBAGLIATI/B BOWEN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 2S-0349-RJ3+4

DATE: 92/10/07

\* CORE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
47860	1.0	1.06	1	8	235	.3	4	.67	.1	15	3053	7.89	.25	5	.46	714	27	.06	1	650	14	1	45	1	1532	110.1	215	1	2	4	43
47861	.5	1.81	1	9	740	.4	9	1.20	.1	16	1776	5.61	.14	8	.95	1117	15	.02	1	780	9	1	117	1	1917	85.4	517	1	3	4	46
47862	.9	2.47	1	13	279	.4	9	1.56	.1	14	1884	5.66	.08	11	1.05	1186	8	.10	1	800	4	1	68	1	2030	84.6	528	1	2	3	24
47863	2.2	1.68	1	8	395	.5	9	.98	.1	17	2837	5.65	.13	10	1.04	1086	7	.03	1	750	10	1	38	1	1922	75.2	561	1	2	3	38
47864	1.0	1.16	1	7	511	.3	7	.70	.1	18	1766	5.86	.29	5	.50	623	18	.04	1	700	8	1	22	1	1675	72.0	272	1	2	3	37
47865	1.3	1.29	1	.7	436	.3	7	.88	.1	15	2597	6.14	.24	5	.45	633	48	.04	1	700	12	1	63	1	1565	78.9	246	1	2	4	49
47866	.6	.90	1	5	596	.2	8	.71	.1	10	1822	4.24	.30	3	.27	462	25	.05	1	700	6	1	52	1	1544	75.9	291	1	7	4	44
47867	.7	1.12	1	6	595	.2	6	.73	.1	13	1350	4.56	.37	4	.35	438	31	.05	1	780	11	1	33	1	1459	58.0	149	1	4	4	68
47868	.4	.88	1	6	793	.3	8	.60	.2	14	1580	4.66	.28	4	.37	564	102	.03	1	690	7	1	21	1	1496	68.7	483	1	2	3	31
47869	1.0	1.17	1	6	594	.3	6	.74	.1	14	1492	4.81	.29	5	.45	518	28	.03	1	640	6	1	42	1	1303	59.0	162	1	2	4	52
47870	1.0	1.25	1	7	361	.3	9	.73	.1	13	1918	4.88	.31	6	.52	575	12	.06	1	730	11	1	23	1	1597	82.7	104	1	2	3	42
47871	1.3	1.13	1	6	234	.2	9	.79	.1	15	2571	5.81	.19	6	.60	750	11	.05	1	760	13	1	80	1	1726	91.6	132	1	2	5	67
47872	1.4	1.15	1	6	277	.2	8	.62	.1	17	2565	6.39	.24	7	.71	697	9	.05	1	800	10	1	21	1	1636	85.2	128	1	2	4	41
47873	1.2	1.12	1	6	229	.4	8	.71	.1	16	2172	5.60	.19	6	.62	614	12	.04	1	760	9	1	29	1	1627	76.7	109	1	2	3	36
47874	.9	1.18	1	6	223	.3	9	.63	.1	17	2100	5.64	.24	7	.68	663	14	.05	1	740	9	1	22	1	1586	77.8	147	1	2	4	42
47875	.4	.94	1	6	259	.3	8	.60	.1	12	1618	4.86	.29	4	.41	506	84	.06	1	790	9	1	14	1	1534	83.2	186	1	2	3	37
47876	.6	1.00	1	6	346	.2	8	.59	.1	13	1873	5.40	.34	4	.40	456	30	.07	1	760	9	1	23	1	1551	81.0	122	1	1	5	79
47877	.3	1.29	1	7	295	.4	10	.86	.1	13	1599	4.96	.25	5	.53	596	12	.10	1	840	7	1	69	1	1811	90.3	108	1	2	3	35
47878	.2	1.31	1	7	326	.3	10	.79	.1	15	1541	5.09	.22	7	.73	743	17	.06	1	910	9	1	37	1	1924	88.0	246	1	2	4	45
47879	.3	1.38	1	7	388	.4	9	.74	.1	19	1126	5.35	.25	7	.81	712	17	.05	1	870	9	1	43	1	1851	75.5	147	1	2	3	36
47880	.1	1.63	1	8	458	.4	9	.72	.1	13	401	4.00	.35	8	.93	834	9	.06	1	890	2	1	23	3	1672	63.1	134	1	2	4	51
47881	.1	1.45	1	7	327	.4	9	.71	.1	15	498	4.20	.24	8	.95	823	13	.05	1	960	8	1	32	3	1702	64.3	124	1	2	3	30
47882	.3	1.54	1	8	409	.4	10	.72	.1	13	385	4.02	.31	8	.92	701	15	.06	1	900	8	1	45	3	1575	62.7	111	1	3	4	64
47883	.7	1.04	1	6	215	.3	6	.58	.1	29	1050	5.05	.25	5	.59	403	19	.05	1	890	14	1	15	1	1199	57.5	89	1	1	3	31
47884	.1	1.15	1	6	273	.4	7	.60	.1	18	1437	4.48	.23	6	.71	557	16	.06	1	800	9	1	16	1	1592	82.7	109	1	2	4	44
47885	.2	1.22	1	6	279	.5	8	.63	.1	14	1290	4.75	.27	7	.71	601	13	.06	1	910	11	1	17	1	1589	78.2	156	1	2	3	28
47886	.5	1.35	1	7	285	.4	7	.66	.1	16	1708	5.32	.34	6	.67	565	13	.06	1	950	9	1	27	1	1609	76.5	154	1	2	4	51
47887	.9	1.57	1	9	513	.4	10	.76	.1	15	2120	5.53	.36	7	.77	663	14	.07	1	970	11	1	43	1	1876	85.3	120	1	2	4	40
47888	.8	1.59	1	9	549	.4	10	.68	.1	14	2063	5.61	.44	7	.81	674	14	.08	1	950	13	1	26	1	1897	92.3	123	1	2	4	54
47889	1.0	1.46	1	9	363	.5	6	.62	.1	15	2924	6.83	.40	6	.67	587	16	.06	1	870	10	1	14	1	1594	88.4	120	1	2	3	41
47890	1.0	1.19	1	6	255	.4	7	.59	.1	20	1704	4.71	.34	6	.63	447	20	.05	1	940	12	1	15	1	1327	54.5	117	1	2	4	50
47891	1.0	1.79	1	9	246	.4	8	.93	.1	14	2404	4.67	.29	7	.77	619	27	.03	1	910	11	1	31	1	1511	66.6	120	1	2	3	36
47892	.7	1.94	1	9	218	.5	10	1.11	.1	13	1427	4.55	.27	7	.67	606	18	.03	1	880	4	1	39	1	1623	78.6	109	1	5	4	52
47893	1.1	1.38	1	12	695	.1	10	.91	.1	19	1470	5.33	.18	6	.55	582	16	.07	3	830	16	1	42	2	1186	65.4	172	1	2	15	60
47894	.8	1.98	1	9	319	.5	7	1.22	.1	12	816	3.72	.31	5	.45	338	13	.02	1	860	3	1	47	1	1296	53.9	85	1	1	3	33
47895	.5	1.76	1	8	234	.3	9	1.05	.1	18	1066	4.94	.24	6	.62	497	10	.03	1	820	2	1	38	1	1583	75.1	120	1	2	3	40
47896	.1	1.72	1	10	206	.3	7	1.05	.1	17	979	7.89	.18	7	.67	590	13	.03	1	870	1	1	32	1	1711	92.1	176	1	2	3	26
47897	.1	1.69	1	8	247	.4	8	1.00	.1	16	818	5.58	.27	6	.59	581	11	.03	1	970	1	1	33	1	1585	76.8	213	1	2	3	36
47898	.1	1.20	1	7	223	.5	6	.59	.1	16	951	7.11	.35	6	.59	584	6	.05	1	890	5	1	12	1	1341	89.1	304	1	1	3	48
47899	.1	1.44	1	8	179	.5	7	.85	.1	18	1178	7.26	.27	6	.60	608	5	.03	1	930	5	1	25	1	1484	90.4	510	1	2	3	30
47900	.2	2.10	1	11	267	.5	9	1.31	.1	22	1139	5.78	.23	7	.62	686	8	.05	1	1000	1	1	67	1	1747	78.1	345	1	2	3	28
47901	.1	2.04	1	9	199	.5	11	1.42	.1	10	624	4.01	.14	6	.61	670	6	.07	1	960	5	1	63	1	1824	84.6	249	1	2	3	31
47902	.1	2.00	1	9	535	.3	10	1.35	.1	9	619	4.08	.12	6	.63	677	2	.05	1	950	6	1	58	1	2054	82.1	265	1	2	3	25
47903	.1	2.19	1	10	261	.3	11	1.42	.1	11	542	4.11	.14	7	.69	705	4	.11	1	960	8	1	63	1	2051	87.8	262	1	2	4	50
47904	.1	1.63	1	7	226	.3	11	1.13	.1	11	636	4.28	.12	7	.69	703	2	.08	1	890	11	1	43	1	2036	82.6	321	1	2	3	31
47905	.1	1.60	1	29	271	.2	11	1.10	.1	14	690	5.33	.13	8	.76	874	9	.05	1	960	27	1	39	1	2146	90.5	622	1	2	4	47

**iv (d) - Hole 92-40**

**Min-En File #'s 2S-0350-RA1 to RA4  
2S-0350-RJ1 to RJ4**



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**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0350-RA1

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-06-92**

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B. BOWEN.

Sample Number	AU-FIRE g / tonne	AU-FIRE oz / ton	CU %
47906	.68	.020	.083
47907	1.75	.051	.350
47908	2.30	.067	.244
47909	3.34	.097	.282
47910	2.49	.073	.196
47911	2.24	.065	.228
47912	1.21	.035	.214
47913	1.23	.036	.199
47914	1.82	.053	.273
47915	1.39	.041	.205
47916	1.16	.034	.179
47917	1.15	.034	.170
47918	1.12	.033	.207
47919	1.10	.032	.218
47920	1.48	.043	.237
47921	.94	.027	.161
47922	.80	.023	.133
47923	1.08	.032	.222
47924	.03	.001	.006
47925	.02	.001	.003
47926	.03	.001	.003
47927	1.55	.045	.614
47928	.66	.019	.220
47929	1.51	.044	.259

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Assay Certificate

2S-0350-RA2

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-06-92**

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU %
47930	1.37	.040	.257
47931	1.36	.040	.260
47932	1.24	.036	.193
47933	.62	.018	.174
47934	.58	.017	.132
47935	.54	.016	.135
47936	.32	.009	.083
47937	.59	.017	.108
47938	.69	.020	.150
47939	.40	.012	.128
47940	.63	.018	.120
47941	.55	.016	.110
47942	.45	.013	.091
47943	.52	.015	.091
47944	.24	.007	.108
47945	.49	.014	.069
47946	.57	.017	.085
47947	.85	.025	.126
47948	.87	.025	.103
47949	1.11	.032	.135
47950	1.12	.033	.150
47951	1.47	.043	.179
47952	.02	.001	.005
47953	.01	.001	.003

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**SMITHERS LAB.:**

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Assay Certificate

2S-0350-RA3

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-06-92**

We hereby certify the following Assay of 24 CORE samples submitted SEP-28-92 by B. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU %
47954	.01	.001	.002
47955	.02	.001	.002
47956	.02	.001	.003
47957	.01	.001	.001
47958	.01	.001	.001
47959	.02	.001	.003
47960	.02	.001	.004
47961	.03	.001	.003
47962	.02	.001	.001
47963	.01	.001	.001
47964	.19	.006	.035
47965	.54	.016	.102
47966	.49	.014	.078
47967	.09	.003	.029
47968	.04	.001	.013
47969	.46	.013	.107
47970	.54	.016	.120
47971	.41	.012	.086
47972	.28	.008	.081
47973	.34	.010	.083
47974	.40	.012	.090
47975	.06	.002	.002
47976	.02	.001	.002
47977	.02	.001	.002

Certified by \_\_\_\_\_

**MIN-EN LABORATORIES**



**MINERAL  
• ENVIRONMENTALS  
LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

**SPECIALISTS IN MINERAL ENVIRONMENTS**  
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

*Assay Certificate*

**2S-0350-RA4**

Company: **ROMULUS RESOURCES**  
Project: **PINE**  
Attn: **D COPELAND/M REBAGLIATI/B BOWEN**

Date: **OCT-06-92**

*We hereby certify* the following Assay of 7 CORE samples submitted SEP-28-92 by B. BOWEN.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton	CU %
47978	.02	.001	.007
47979	.01	.001	.006
47980	.02	.001	.004
47981	.01	.001	.002
47982	.02	.001	.003
47983	.01	.001	.003
47984	.01	.001	.003

Certified by \_\_\_\_\_

**MIN-EN LABORATORIES**

COMP: ROMULUS RESOURCES

PROJ: PINE

ATTN: D COPELAND/M REBAGLIATI/B BOWEN

MIN-EN LABS — ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 2S-0350-RJ1+2

DATE: 92/10/06

\* CORE • (ACT:F31)

Table with columns: SAMPLE NUMBER, AG PPM, AL %, AS PPM, B PPM, BA PPM, BE PPM, BI PPM, CA %, CD PPM, CO PPM, CU PPM, FE %, K %, LI PPM, MG %, MN PPM, MO PPM, NA %, NI PPM, P PPM, PB PPM, SB PPM, SR PPM, TH PPM, TI PPM, V PPM, ZN PPM, GA PPM, SN PPM, W PPM, CR PPM. Rows 47906-47953.

Empty table with same column structure as above.

COMP: ROMULUS RESOURCES

PROJ: PINE

ATTN: D COPELAND/M REBAGLIATI/B BOWEN

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 2S-0350-RJ3+4

DATE: 92/10/06

\* CORE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
47954	.1	1.33	1	9	723	.3	8	1.16	.1	10	25	2.67	.05	5	.98	708	1	.03	1	610	2	1	67	3	1352	68.3	45	1	2	3	35
47955	.1	1.30	1	7	335	.4	8	1.15	.1	9	24	2.58	.07	4	.85	628	1	.04	1	610	3	1	42	3	1355	70.9	41	1	2	3	48
47956	.1	1.23	1	7	404	.5	10	1.06	.1	9	23	2.50	.09	4	.76	600	1	.04	1	590	1	1	37	4	1371	69.2	38	1	2	3	48
47957	.1	1.10	1	5	183	.4	8	.94	.1	8	13	2.33	.07	4	.75	602	1	.04	1	590	3	1	43	4	1266	62.2	39	1	2	3	46
47958	.1	1.10	1	5	345	.5	8	.97	.1	8	11	2.20	.07	3	.65	539	1	.04	1	550	5	1	41	4	1175	61.6	34	1	2	3	46
47959	.1	1.09	1	5	494	.4	8	.96	.1	8	20	2.16	.06	4	.68	531	1	.03	1	550	6	1	40	4	1056	60.0	33	1	5	3	41
47960	.1	1.01	1	5	239	.4	7	.88	.1	8	37	2.38	.06	4	.72	551	1	.04	1	640	5	1	30	3	1036	64.3	29	1	2	3	35
47961	.1	1.05	1	5	267	.3	7	.91	.1	8	26	2.34	.07	3	.66	535	1	.04	1	630	2	1	25	3	1036	63.8	31	1	5	3	43
47962	.1	1.19	1	5	172	.3	7	1.06	.1	7	8	2.24	.08	4	.59	538	1	.05	1	590	9	1	29	3	1042	63.4	31	1	2	3	44
47963	.1	1.26	1	6	169	.4	7	1.16	.1	8	15	2.50	.06	4	.72	661	2	.04	1	640	10	1	27	3	1141	69.5	49	1	2	3	45
47964	.8	.44	1	2	118	.1	3	1.36	.1	12	323	4.46	.18	1	.07	92	3	.02	1	830	12	1	59	1	529	12.2	22	1	1	1	25
47965	1.3	.38	1	1	142	.1	3	1.61	.1	9	930	3.34	.17	1	.15	179	3	.02	1	890	7	1	110	1	443	12.0	45	1	1	1	25
47966	1.0	.48	1	2	151	.1	3	2.03	.1	10	707	4.01	.20	1	.13	203	6	.02	1	810	10	1	152	1	524	19.3	65	1	1	1	25
47967	.1	2.27	1	15	250	.1	20	2.49	.1	24	261	6.64	.09	25	1.82	1162	1	.03	1	1350	1	1	79	1	3540	190.2	120	1	3	3	11
47968	.1	3.55	1	26	193	.1	20	3.28	.1	27	136	7.25	.05	26	2.24	1290	1	.03	1	1530	1	1	63	1	3550	231.0	90	1	4	3	10
47969	.5	.54	1	3	142	.1	6	2.52	.1	11	1016	4.43	.13	4	.29	457	13	.02	1	840	8	1	119	1	1102	50.8	180	1	1	2	33
47970	.5	.69	1	4	203	.1	7	1.65	.1	12	1206	4.58	.19	4	.37	663	15	.03	1	880	12	1	108	1	1148	53.4	176	1	1	3	41
47971	.5	.90	1	4	182	.1	9	2.04	.1	11	800	3.99	.18	3	.36	613	16	.03	1	820	15	1	112	1	1398	57.6	145	1	2	3	48
47972	.9	.73	1	4	163	.1	6	1.39	.1	13	763	4.49	.22	2	.24	388	20	.03	1	860	9	1	51	1	1020	32.1	56	1	1	2	40
47973	.9	1.03	1	5	133	.1	6	1.24	.1	12	769	4.27	.22	3	.29	400	17	.03	1	870	12	1	41	1	1131	33.8	54	1	2	3	50
47974	.1	1.96	1	10	229	.5	13	1.35	.1	15	853	4.64	.13	12	1.11	998	9	.03	1	1010	17	1	55	1	2169	88.4	147	1	4	3	25
47975	.1	1.86	1	8	327	.2	9	1.32	.1	8	16	2.25	.06	5	.82	671	1	.04	1	550	2	1	91	3	1146	58.7	43	1	3	4	60
47976	.1	1.01	1	4	283	.2	7	1.02	.1	8	11	2.34	.08	4	.77	652	1	.05	1	580	3	1	44	4	1138	63.4	37	1	2	4	65
47977	.1	1.95	1	12	218	.1	13	1.75	.1	15	22	3.93	.05	12	1.27	918	1	.04	1	870	1	1	37	1	2174	124.4	57	1	3	4	43
47978	.1	4.04	1	35	316	.1	20	3.53	.1	28	63	7.39	.05	32	2.44	1496	1	.02	1	1510	1	1	39	1	3830	243.0	76	1	4	3	5
47979	.1	3.51	1	30	111	.1	23	3.42	.1	28	47	7.51	.06	33	2.41	1467	1	.02	1	1640	1	1	37	1	4243	243.0	76	1	4	3	1
47980	.1	1.24	1	6	221	.3	10	1.32	.1	9	24	2.63	.07	9	.81	661	1	.06	1	590	5	1	57	4	1621	74.3	45	1	2	4	56
47981	.1	1.20	1	5	208	.3	11	1.22	.1	10	16	2.76	.07	8	.86	667	1	.05	1	610	4	1	65	4	1670	78.8	46	1	2	4	52
47982	.1	1.46	1	7	275	.2	11	1.44	.1	10	22	2.79	.07	5	.96	857	1	.05	1	620	9	1	114	4	1675	75.7	52	1	2	4	53
47983	.1	1.91	1	8	5212	.3	11	1.44	.1	10	20	2.69	.06	6	.95	878	1	.04	1	590	7	1	141	4	1538	72.6	65	1	3	4	54
47984	.1	1.57	1	7	263	.1	11	1.20	.1	10	19	2.71	.07	6	.97	860	1	.05	1	620	5	1	148	4	1659	66.9	82	1	3	3	38



**Part (v)**

**Assay Certificates and ICP Reports -  
Fill-in Sampling of Riocanex Core**

**v (a) - Portions of Holes 80-4, 80-5 and 80-9**

**Acme File # 92-2263**



GEOCHEMICAL/ASSAY CERTIFICATE

Romulus Resources Ltd. PROJECT PINE File # 92-2263 Page 1

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.K. BOWEN



Table with columns: SAMPLE#, Mo, 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, Na, K, W, Cu, Au\*\*. Rows contain sample IDs and corresponding element concentrations in ppm and %.

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 NCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: CORE AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE. Samples beginning RE are duplicate samples.

DATE RECEIVED: JUL 31 1992 DATE REPORT MAILED: Aug 10/92 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Vertical handwritten notes on the right margin including '80-6', '80-9', '80-1', '80-4', '80-2', '80-5' and arrows pointing to specific rows.



ACME ANALYTICAL

Romulus Resources Ltd. PROJECT PINE FILE # 92-2263



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Cu %	Au** gm/t
47587	1	19	9	38	.1	1	8	159	3.00	2	5	ND	3	264	.2	2	2	4	2.64	.047	4	3	.31	28	.01	4	.48	.02	.13	1	.003	.06
47588	1	19	11	39	.1	1	8	126	3.03	2	5	ND	1	262	.3	2	2	4	2.79	.063	3	3	.28	28	.01	2	.39	.03	.12	1	.001	.03
47589	2	40	15	60	.3	2	13	98	4.60	2	5	ND	2	364	.8	2	2	4	3.45	.066	3	9	.19	23	.01	2	.36	.03	.14	1	.003	.08
47590	2	31	15	59	.3	1	10	136	3.47	2	5	ND	1	305	.3	2	2	4	3.12	.062	3	3	.28	23	.01	2	.40	.03	.11	1	.002	.04
47591	2	37	18	144	.3	4	10	127	4.00	3	5	ND	1	304	1.2	2	2	5	2.89	.060	3	4	.27	25	.01	2	.42	.03	.15	1	.004	.03
47592	2	18	14	50	.1	2	11	72	3.83	2	5	ND	1	309	.2	2	2	3	2.95	.056	3	3	.09	25	.01	2	.30	.02	.16	1	.002	.06
47593	3	29	12	34	.1	6	11	108	3.08	2	5	ND	2	213	.3	2	2	3	2.14	.073	4	10	.14	30	.01	3	.42	.02	.21	1	.003	.07
47594	1	55	17	62	.3	1	16	74	3.29	2	5	ND	2	236	.9	2	5	2	2.46	.066	5	2	.06	28	.01	6	.27	.02	.14	1	.006	.10
47595	3	34	21	108	.1	5	19	189	3.08	21	5	ND	2	279	1.4	2	2	6	2.82	.073	5	4	.14	25	.01	2	.41	.03	.17	1	.004	.05
RE 47591	2	33	17	140	.2	3	10	127	3.88	2	5	ND	1	313	1.5	2	2	5	2.98	.061	4	4	.27	25	.01	2	.42	.03	.15	1	.001	.04
47596	3	111	30	172	.7	3	15	162	3.53	28	5	ND	3	274	3.3	2	2	7	3.02	.071	5	3	.11	21	.01	2	.35	.02	.16	1	.012	.09
47597	3	50	17	74	.3	4	12	118	3.80	21	5	ND	2	328	1.5	2	2	6	3.23	.068	5	10	.10	26	.01	2	.36	.02	.17	1	.005	.07
47598	4	26	14	22	.1	5	11	62	3.55	13	5	ND	1	263	.3	2	2	5	2.90	.082	3	3	.07	30	.01	2	.30	.01	.13	1	.003	.06
47599	3	19	12	38	.2	7	12	89	3.57	9	5	ND	2	299	.5	2	2	7	3.59	.067	4	5	.08	25	.01	3	.31	.02	.15	1	.001	.11
47600	6	31	19	48	.1	5	10	161	3.80	14	5	ND	2	212	.4	2	2	13	2.69	.074	4	3	.11	29	.01	2	.36	.02	.14	1	.003	.14
STANDARD C/R-1/AU-1	19	58	38	133	7.2	71	31	1055	4.00	41	22	7	40	52	18.5	14	20	57	.48	.091	38	58	.88	179	.09	35	1.90	.06	.15	11	.845	3.36

old 80-2  
NEW 85-5  
←

Sample type: CORE. Samples beginning 'RE' are duplicate samples.

**v (b) - Portions of Holes 80-7 & 80-13**

**Acme File # 92-2422**



GEOCHEMICAL/ASSAY CERTIFICATE



Romulus Resources Ltd. PROJECT PINE File # 92-2422  
 920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.K. BOWEN

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Cu ppm	Au** oz/t
47601	11	3011	9	49	1.3	12	20	123	6.18	2	5	3	4	6	.3	2	12	6	.09	.038	4	7	.32	14	.01	3	.42	.02	.18	1	.331	.091
47602	17	1669	9	43	1.1	9	12	139	4.25	2	5	ND	4	9	.2	2	12	7	.10	.059	6	7	.45	26	.02	2	.57	.04	.28	1	.179	.054
47603	12	2687	8	135	2.8	10	10	311	3.61	2	7	2	3	11	.8	2	12	21	.21	.061	5	20	.77	37	.07	2	.93	.04	.31	1	.283	.056
RE 47608	19	1536	9	121	1.2	4	15	315	4.55	2	5	ND	4	12	.4	2	6	63	.28	.057	8	7	.57	53	.13	4	.76	.04	.19	1	.161	.017
47604	17	2478	6	135	2.4	8	11	337	3.47	2	5	ND	3	11	1.5	2	14	24	.22	.056	5	13	.70	37	.08	2	.88	.05	.28	1	.263	.049
47605	16	3838	370	515	5.2	19	14	580	5.44	2	6	3	3	14	4.1	2	14	54	.22	.047	4	48	.58	33	.10	6	.82	.03	.23	1	.406	.073
47606	16	2368	46	165	3.4	12	16	663	3.91	2	5	ND	3	11	1.1	2	12	26	.24	.051	6	17	.64	28	.10	4	.88	.03	.24	1	.237	.034
47607	11	1588	8	134	1.4	9	12	261	3.43	2	6	ND	3	10	.6	2	11	34	.25	.057	7	28	.77	30	.12	6	.82	.05	.23	1	.169	.027
47608	19	1531	12	121	1.3	3	15	310	4.59	2	5	ND	4	11	.5	2	7	64	.26	.058	8	6	.57	55	.13	4	.76	.05	.19	1	.161	.017
47609	27	1608	13	166	1.9	4	13	363	5.24	2	7	ND	3	14	.9	2	11	65	.33	.066	8	6	.53	27	.14	2	.78	.04	.15	1	.169	.019
47610	4	75	4	229	.1	3	10	628	2.76	2	5	ND	2	50	.2	2	2	38	1.78	.045	9	4	.74	55	.11	2	1.26	.03	.12	1	.006	.002
47611	3	107	3	138	.1	2	10	917	2.70	2	5	ND	3	75	.2	2	2	48	1.73	.044	10	11	.81	44	.06	2	1.11	.04	.10	1	.012	.002
47612	13	2105	7	326	2.2	2	13	388	5.76	2	8	ND	4	11	1.0	2	13	46	.26	.049	5	4	.36	42	.07	2	.54	.03	.17	1	.241	.029
47613	15	1386	24	651	3.3	4	10	900	4.21	2	8	ND	5	16	6.2	2	6	36	.30	.069	6	6	.47	53	.11	5	.80	.04	.21	1	.146	.027
47614	63	803	9	160	1.1	4	11	320	4.57	2	6	ND	4	11	.8	2	6	26	.24	.061	7	4	.29	40	.06	2	.49	.03	.17	1	.085	.012
47615	46	851	10	182	1.1	4	16	235	4.15	2	8	ND	4	12	1.6	3	6	24	.30	.070	6	12	.27	30	.10	2	.46	.04	.15	1	.090	.010
47616	14	657	17	174	1.7	1	6	318	3.96	2	5	ND	2	38	1.1	2	2	21	.36	.056	4	2	.23	53	.07	2	.84	.03	.23	1	.066	.007
47617	4	126	29	187	.2	1	5	614	3.22	10	5	ND	3	34	1.5	2	2	48	.43	.069	4	4	.85	51	.20	2	1.19	.05	.17	1	.016	.002
47618	4	136	34	204	.4	2	6	737	3.88	2	5	ND	3	33	1.1	2	3	61	.51	.079	5	5	1.02	65	.22	2	1.44	.06	.21	1	.016	.002
47619	10	164	44	194	.6	2	8	613	3.21	4	5	ND	3	42	1.9	2	2	37	.54	.066	4	8	.69	54	.20	2	1.21	.05	.15	1	.020	.001
47620	6	375	20	190	1.0	1	6	518	2.92	5	5	ND	3	26	1.1	2	2	25	.37	.066	4	3	.55	66	.14	2	.99	.03	.20	1	.039	.005
47621	25	1436	37	1798	2.3	4	10	591	3.76	3	5	ND	3	18	13.3	2	8	11	.24	.048	3	4	.25	54	.05	3	.63	.02	.20	1	.150	.008
47622	1	55	17	61	.1	1	1	290	.66	2	5	ND	1	190	.2	2	4	5	2.56	.017	4	1	.12	73	.04	2	3.29	.05	.17	1	.009	.001
47623	22	478	39	883	1.0	3	7	1202	3.02	2	5	ND	3	37	6.2	2	2	22	.44	.092	4	8	.73	74	.09	2	1.16	.03	.18	1	.050	.005
47624	10	769	83	1058	3.0	4	10	497	4.00	4	5	ND	3	16	4.3	2	8	18	.26	.063	3	4	.27	73	.08	6	.55	.02	.23	1	.084	.021
STANDARD C/AU-1	19	57	40	132	7.7	69	32	1052	3.94	43	22	7	40	53	19.2	14	21	59	.47	.091	40	58	.88	173	.09	34	1.87	.07	.15	11	.842	.098

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO<sub>3</sub>-H<sub>2</sub>O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: CORE AU\*\* BY FIRE ASSAY FROM 1 A.T. SAMPLE. CU ASSAY Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 8 1992 DATE REPORT MAILED: Aug 14/92 SIGNED BY: [Signature] .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

80-8  
 80-7  
 80-4  
 80-3  
 80-13  
 80-10  
 80-11

**APPENDIX C**

**DRILL HOLE GEOLOGICAL DATA**

**Part (i)**

**Computer Lithological Code Legend**



COMPUTER LITHOLOGICAL CODES

ROMULUS RESOURCES LTD.  
PINE PROJECT

Code	Subcodes	Lithology
0000		<b>Overburden</b>
	0100	No core-triconed (bedrock suspected)
	0200	No core - 0% recovery
	0300	Ferricrete
	0400	Talus
9000		<b>Fault</b>
	9XX0	Fault protolith indicated by 2nd & 3rd digit
8000		<b>Tertiary Sediments - Volcanics</b>
	8100	Sandstone-Greywacke
	8200	Conglomerate
	8300	Basalt
	8400	Siltstone
7000		<b>Late Dyke Suite</b>
	7100	Rhyolite
	7200	Trachyte
	7300	Rhyodacite
	7400	Dacite
	7500	Latite
	7600	Andesite
	7700	Basalt
6000		<b>Intrusions with &gt;20% primary quartz</b>
	6100	Granite
	6200	Granodiorite
	6300	Tonalite
	6400	Others
5000		<b>Intrusions with &lt;20% primary quartz</b>
	5100	Diorite-Gabbro
	5200	Monzodiorite
	5300	Monzonite
	5400	Syenite
	5500	Others
4000		<b>Modified Intrusive Products</b>
	4100	Intrusive - Volcanic Hybrid (assimilative product)
	4200	Lag horizon (consisting of intrusive fragments)
(3rd digit)		0 = not applicable 1 = 0 to 10% primary quartz 2 = 10 to 20% primary quartz
(4th digit)		0 = not applicable 1 = non-porphyritic 2 = porphyritic

## COMPUTER LITHOLOGICAL CODES

### ROMULUS RESOURCES LTD. PINE PROJECT

Code	Subcodes	Lithology
3000		<b>Hazelton Volcanics (Toodoggone Formation)</b>
	3100	Rhyolite
	3200	Trachyte
	3300	Rhyodacite
	3400	Dacite
	3500	Latite
	3600	Andesite
	3700	Basalt
2000		<b>Takla sediments</b>
	2100	Chert
	2200	Mudstone
	2300	Greywacke
	2400	Siltstone/sandstone
	2500	Shale/argillite
	2600	Limestone
1000		<b>Takla volcanics</b>
	1100	Rhyolite
	1200	Trachyte
	1300	Rhyodacite
	1400	Dacite
	1500	Latite
	1600	Andesite
	1700	Basalt
(3rd digit)		0 = not applicable 1 = pyroclastic 2 = flow
(4th digit)		0 = not applicable 1 = heterolithic 2 = monolithic 3 = feldspar porphyritic 4 = pyroxene porphyritic

## COMPUTER ALTERATION CODES

0	absent
1	Weak
2	Weak to Moderate
3	Moderate
4	Moderate to Strong
5	Strong

**Part (ii)**

**Diamond Drill Hole Logs: 92-37 to 92-40**

GEOLOGICAL LOGGING FORM - HEADER PAGE

PINE PROJECT

DDH No.

92-37

Page 1 of

6

DEPTH	DIP	AZMUTE	NORTHING	EASTING	ELEVATION
Collar Survey	-90°	-	34051.4	14166.68	1111.27
1					
2					
3					
4					
5					
6					
7					

(LOCAL CO-ORD.)

DATA ENTRY	
DATE	Sept. 7, 92
BY	RR

DATA CHECKING	
DATE	Jan '93
BY	BAB

APPROX. NORTHING	
APPROX. EASTING	
ZONE	CASING DRILL AREA
LOGGED BY	M. Kim
DATE DRILLING STARTED	Sept. 5, 92
DATE DRILLING ENDED	Sept 9, 92
CORE SIZE	HQ
CASING IN HOLE	NO
TOTAL DEPTH	180.75 meters

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION																
			ROCK	GYP	SIL	Bi	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	ST%	OTHER		
0	14.02	CASING - GD and And. boulders GD and And. boulders - overburden	0000																
14.02	22.00	<u>QUARTZ LATITE</u> - 10-15% Qtz which in places is patchy, secondary flood associated w/ chert PY - up to 20% fine-grain Ksp generally displaced by sericite - strongly fractured and broken in nod - intense sericite plus clay chlorite, PY - greyish-grn, fine grained.																	
14.02	17.70	jade to dk grn, strongly sheared QL - strong to dense sericite massive in places - intense clay in shor bre and on fractures - dense PY on some fractures and where - sericite is less intense - spotty hematite stain, strong local magnetite (15.95 - 16.35) - flt bre - massive clay-sericite	3520	0	1	0	0	5	4	2	0	0	3	.5	0	0			len (1)
17.70	22.00	greyish-grn, grainy, strongly fractured QL - mod pervasive sericite - intense on fractures in clay nod chlorite. Mod chlorite overall - variable PY - 1-3% - minor gyp and pk/whit realite on some fractures	3520	1	3	0	0	3	3	3	1	1	1	2	0	1			len (1) Real (2)

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	zool.	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	STK	OTHER
22.00	25.04	PLAG. NORMYX QUARTZ TRACHYTE DYKE - basically the same as PP W. Dyke lower down with lower proportion of porphyritic plags and less PY - contact @ 20° tea. - 25% ophanitic ksp matrix, 15% pink hem stained plag laths up to 8mm, 5% squarish Qz-eyes, 5% fine hornblend to mod. sl' EP - thin EP on most fractures as well as matrix - pinkish-brn blocky structures	7212	1	0	0	0	1	1	1	0	2	0	0	0	0	
25.04	26.82	QUARTZ LATITE (as per 14.02-22.00) - wk-mod pervasive clay-sericite-chlomite strong on fractures. - wk EP on fractures to clay and zeolite - .5-1% very fine dissem. PY occasional hem - wk-mod dissem MT - highly fractured, dk. green, fine grained.	9520	2	1	0	0	3	3	3	0	1	2	1	0	0	
26.82	40.93	PLAG. NORMYX QUARTZ LATITE DYKE - lower contact @ 50° tea - 40% ophanitic brn ksp matrix, 45% pink hem stained plag laths to 6mm, 10% fine hornblend to mod-strong EP-chlomite, 5% square Qz eyes. Wallrock frags common to lens. - heavy EP, chl, zeolite (pink) on most fractures - local .5% dissem. PY (34.6A-35.1B) contacts @ 25° to 30° tea - Diabase Dyke - pinkish brn blocky fract.	7512	2	1	0	0	1	1	2	0	3	1	.2	0	0	hem(1)
40.93	43.28	QUARTZ LATITE (as 14.02-22.00) - wk-mod pervasive clay-sericite-chlomite, stronger on fractures plus pink zeolite - 1/2 to 1% dissem. PY - highly fractured, dk green, fine-grained.	9520	1	1	0	0	2	2	2	0	0	2	.5	0	0	hem(1)

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	SP	SIL	B	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
43.28	55.15	PLAG. PORPHYRY Qtz. LATITE DYKE. - (as 26.02 - 40.93) - sparse kyan phenocr - clay/zeolite contact (top) to 42' - 22 - mod. clay-sericite-chlorite and string EP-zeolite on fractures - mod. pervasive EP-chlorite on fine lamellar and plagioclase - w/ local PY - pinkish-few, blocky biotite	7512	3	0	0	0	1	1	3	0	3	1	.1	0	0	
55.15	55.60	BASALT DYKE - Very dk. green, fine grained.	7700	0	0	0	0	0	0	0	0	0	0	0	0	0	
55.60	178.61	QUARTZ LATITE Variably altered. Exact amount of primary Kyan is uncertain due to sericitization and Qtz- filled replacement and also due to overlapping secondary Kyan flood. Indication of up to 40% epheritic kyan groundmass in coarse plagioclase. 10% small, euhedral Qtz crystals. Fine lamellar in matrix fabric visible in sections. Fine grained to grainy & plagioclase porphyritic in places.															
55.60	70.35	Grey-arg (local pink coat) Fine-grain to gray, shattered, chloritic, silicified and pinkish Qz. - Very strong fracturing is alternately dominated by chlorite/PY-CP/sericite or Qtz-MT/zeolite/PY-CP - Mod-strom. pervasive silicification plus fine Qtz-MT streak and occasional veinlets. - Sections of Qtz-zeolite flooded Qz bre w/ strong clay/sericite, 3-5% PY and absence of CP, MT. - Up to 1% local blocky CP in most silicified, pinkish rock, in pink zeolite veinlets and on strongly chloritic fractures w/ 5% PY - Wk-mod hem assoc. w/ stronger MT.	3520	4	4	0	1	3	2	4	0	0	3	.5	.3	2	low

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	ZOOL	SIL	B.	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
87.35	87.40	Light-dk gray/ln and pink Qtz and pl zeol healed, sericite, chlorite and pyritic Qtz crackle breccia. - Strong silica-zeolite flood zone locally, sericite breccias. - Strong fine-grain chlorite and blk PY on fractures not healed by silica. Sparse EP - Variable to mod. MT - Pinkish cast locally due to Kspn flood. - Intermittent short sections of up to 1% fine-bbbby CP - contact to possible intrusive (Qtz-rim?)	3520	4	5	0	2	3	3	4	0	1	2	3%	.5%	2	1
87.40	102.80	Dk grn/gray to mottled pink cast, grainy (QL?) Strongly fractured/broken to either thin chlorite/ sericite/EP/PY or veinlets of Qtz-zeol-PY-MT or fracture faces. - Mod-strong pervasive silicification over much weaker sericite - Mod pink Kspn as Qtz-vein selvage and pervasive to silicification - Mod-strong MT - in Qtz and dissem - Fine dissem PY and on fine stringers - weak - Blebbly anal fine CP in PY and Qtz-zeol. - EP in chlorite on some fractures.	3520?	3	4	0	3	2	0	4	0	3	4	.5	.3	1	1
102.80	104.20	Gray/whit, pyritic crackle brs Qtz flood zone. - contact @ 65° tea - up to 10% PY - dissem and blk on fractures. - Mod-strong clay-sericite, mod chlorite, wk-mod EP. - Locally waxy, dense Qtz.	3520	0	5	0	0	4	4	3	0	2	0	5%	.1%	3	-

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	SEP	SIL	B.	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
104.20	127.70	Mottled, gray, pink/gray blk very strongly fractured potassic sand zone (QL?) - Mod-strong fine gr. MT chert in mod PY ± CP. - Mod zeolite / EP structure containing occasional blobs of CP - Mod-strong chlorite plus dissem PY in remaining fractures. - Mod-strong pervasive silicification - Variable pink kspan flood, mod in selvage and wk-mod pervasive in places	3520?	3	4	0	2	1	1	4	0	1	4	1%	.2	3	—
127.70	138.00	Strongly fractured gray to red sand, silica flooded and sericitic, lighter gray/green (QL?) - Minor Qz-zeol-MT at fault - Mod. coarse dissem. PY plus blebby, spotty CP	3520?	1	4	0	1	3	3	3	0	0	1	3%	.3	—	—
138.00	148.50	FAULT - Very low recovery - Brecciated fragments of dk. gray, gray, Qz-MT-zeol-kspan flooded (QL?) (similar to 104.20-127.70) - weak clay-sericite. Mod. chlorite	3520?	3	4	0	2	1	1	3	0	1	3	.5%	.2	2	—
148.50	171.10	Highly fractured to coarsely brecciated, silica-zeol-kspan flooded, vaguely plagiophytic, pink/gray Qz. - Pervasively sericitic, chloritic and silicified - Mod kspan selvage and variable kspan flood up to mod. - Mainly zeolite, at fault in some Qz-PY-MT - Remaining fractures to chlorite/clay-ser/EP/PY - Up to mod. dissem MT locally, plus Qz-MT veins - Up to 5% PY locally - mostly fine-gr. CP	3520	3	3	0	2	3	3	3	0	2	2	1%	6%	2	—

EE 22000000



FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK: <sup>3201</sup> <del>3520</del>	SIL	B.	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Co%	STK	OTHER	
171.10	178.61	Strongly fractured / broken, gen. fine-grained and vaguely fine impure siliceous chlorite sil. - Mainly siliceous chlorite 1 PV ± EP on fractures. Some Qz-zool in local brecciated sections. - Mod. Kspar as selvage to Qz-zool stringers only. - Wk. mod. dissem. MT	3520	1	3	0	2	3	2	3	0	2	2	1%	0	1	Len.
178.61	180.75	FAULT - no recovery.	0200	0	0	0	0	0	0	0	0	0	0	0	0	0	
		END of LOG @ 180.75 meters															

GEOLOGICAL LOGGING FORM - HEADER PAGE

PINE PROJECT

DDH No.

92-38

Page 1 of

6

DEPTH	DIP	AZIMUTE	NORTHING	EASTING	ELEVATION
Collar Survey	-90°	-	33216.36	2712.67	1067.98
1					
2					
3					
4					
5					
6					
7					

(LOCAL G-04)

DATA ENTRY	
DATE	
BY	

DATA CHECKING	
DATE	
BY	

APPROX. NORTHING	
APPROX. EASTING	
ZONE	PRO W4 AREA.
LOGGED BY	B. K. BOWEN
DATE DRILLING STARTED	Sept. 10 / 92
DATE DRILLING ENDED	Sept. 13 / 92
CORE SIZE	N40
CASING IN HOLE	YES (L. 02 H)
TOTAL DEPTH	128.73 METERS

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION																
			ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER		
0	14.02	OVERBURDEN	2000																
14.02	14.10	QUARTZ MONZONITE																	
		dt. greenish-grey to pinkish cast, granular matrix relatively fresh. Characterized by 3-4 mm Qtz eyes or grains (xenocrysts?) set in a pinkish groundmass of mainly 1° Kspal. Variably altered as per sub-intervals that follow:																	
		14.02 - 14.33: Mainly dt-greenish grey, slight pinkish cast, skins 60% to Kspar, 10-15% 1° Qtz grains, remainder patchy Ser-(Al <sub>2</sub> ) at 1°. Rock intensely broken - appears rounded, ground by bit. Not diss. & frach. Fine Gy & Gyl diss & lesser frach.	5321	0	1	0	0	2	0	1	0	0	2	1.5	.3	0			
		14.33 - 20.55: Light grey to cream colored, sericitized, wk to loc. mod. Qtz s/lv. 2 skins negative except the possible (2° Kspal) on fract lin. on fract. & blocky looking. Gyl diss, Kspal & in Al <sub>2</sub> ons. (Gyl) in Al <sub>2</sub> ons & diss.	5321	0	2	0	1	4	1	0	0	0	1	3.5	.2	1-2			

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	SP	SIL	B	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	STK	OTHER
		QUARTZ MONZONITE - CONT'D.															
	20.55 - 23.47	Sin. to 14.02 - 14.33 see test did not do stain. Abundant Mt diss. blobby aggregates & on fract. Post minor sil flood. By diss & fract. Gyr mainly fine diss. but easier to see (less by) Minor Bls - Mt vining.	5321	0	1-2	0	0	2-3	0	1	0	0	4	1.0	.8	1	
	23.47 - 28.00	Rock is bleached pale greenish grey, sericitized, epidote, sin. to 14.33 - 20.55, but lacks Bls. streak. Bleaching may be associated with minor ser- (clay) altered fault @ 24.00 - 24.00. 1 stain test shows ~ 3% 1" Kspae being replaced mainly by ser (may be some 2" sil flood). Gyr fine diss. @ 24.5: Mt diss. oblique minimal, poss. chala- cite (?) - note still have kin. on fract. to 26.5 m.	5321	0	1	0	0	4	1	0	0	0	0-1	3	.4	0	Cl(?)
	28.00 - 30.30	Sin. to 14.02 - 14.33, w/ 1 stain test 60% 1" Kspae. To E) on fract. Gran. devt. w/ greenish cast dominant, chloritic. Gyr fine diss. & minor on fract.	5321	0	1	0	0	1-2	0	2-3	0	Tr.	2	1.5	.5	0	
	30.3 - 32.25	Pale greenish-grey, but not as bleached as for 23.47 - 28.00. Stain test shows 10% 1" Kspae, remainder rock strong ser. but also minor 2" Kspae along fract. Mod. per. sil locally. Gyr diss. & fract. Tr. pink zeolite.	5321	Tr.	2	0	1	3	0	0	0	0	1	3	.4	0	
	32.25 - 44.10	Sin. to 14.02 - 14.33, w/ 5 stain test showing variable 1" Kspae 20-60%. Mainly dk. grayish-grey cast, but locally with pinkish cast.	5321	1-2	1	0	0	1-2	0	1-2	0	0	2-3	2	.5	1	200/ 11-m 77 No. 55

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	QYP	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	RY%	CP%	STK	OTHER
		QUARTZ MONZONITE - CONT'D															
		32.25 - 44.10 (cont'd):															
		@ 36.00: 0.2 m minor shearing @ 75° ca. fairly Set w/ minor clay- chl.															
		Again Qy generally v. f. and diss. & not as obvious as one would expect from assays from No 20-4. Tr. Ksp locally. Occ. Bz & An. Mt. etc.															
		As Anahuak dike @ 44.10 is approached, a few metres from/to contact, noticeable increase in zeolite + Rem on fract.															
44.10	53.50	QUARTZ LATITE ALB. PORPHYRY DIKE	7512	0	0-1	0	0	0	0	1	0	0	1-2	2.5	Tr.	0	2001*
		- upper contact @ N/A - couldn't read loc. broken core.															
		- dike is relatively competent compared to mineralized zone which for the most part cores shattered & broken.															
		Descriptions: 30-40% sub-hedral to euhedral feldspar phenos set in light tan colored matrix, 50-60%, which stains positive kspae. 10-15% Mild prismatic (zirc), 5-10% rounded Bz grains, 2-4 mm. less than 0.5% Py diss. Tr. Qy on fract. Minor Mt. diss. @ 45.00 m: 6mm Bz - pink zirc. + Mt @ 20' ca. w/ Tr. diss. Mt + Qy.															

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	STP	SIL	B.	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Q%	STK	OTHER
		QUARTZ LATITE <i>Primary sils - cont'd.</i>															
		- Core broken @ lower contact; no contact observable.															
53.50	192.15	QUARTZ MONZONITE															
		53.50 - 95.10 : Intensely broken rock, sim. to M22-M23, dk greenish-gray to locally pinkish cast, w/ a silic. texture giving Sa-Gol. texture, locally containing lighter grey, silicified zones (1 strain narrative up to a few 10's of cm, but these bedded zones much less common than in quartz syenite above late dyke locally met- sil. dis. sil. w/ mainly by lesser Mt & Qz. Gpy also fine dis. & on occasional fract. Hem on fract. locally.	5321	0	1-2	0	0	1-2	1	1-2	0	0	3	2-3	.3	2	
		- best about 70 m, rock intensely broken into small fragments, generally best recovery from 70 m to where solid rock starts @ 122.84															
		- unsure whether broken rock due to being in fault zone or whether rock is competent due to dissolution of gypsum (as per suggested at North leasess.)															
		@ 76.7 m: 0.15 m pyritic clay - sericite gouge of same admixed chlorite. Minor fault.															
		95.10 - 122.84 : Noticeable increase in Mt being and blockwork of locally strong 2" Ksp (light orange pink glauc - positive stain). Gpy mainly dis. & along fract. of Mt. Only minor w/ Mt. and minor Moss on fract.	5321	0	3-4	0	2-3	1-2	1	1	0	0	3	2-3	.4	3-4	Moss- Tf.

See secondary

		COMPUTER LOG SECTION																
FROM	TO	DESCRIPTION	LOCK	STP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Q%	STK	OTW	
		<u>QUARTZ MONZONITE</u>																
		122.84 - 146.5 : Gne ss, w/ 95-100% quartz	5321	2	3-4	0	3-4	1-2	0	1-2	0	0	3-5	1-3	.3	3		
		recessed + that in this interval, 8 thin beds show variable 1° Ksp to 2° Ksp, but variability not a function of 2° Sczite overprinting but rather variable amounts of 1° anhydrous plagioclase, 1-3 mm, which suggests compositional range of quartz syenite to quartz monzonite. - also strong positive grain 2° Ksp as well developed with inclusions to 2 cm (around 100 vhs and lesser 90-100 vhs). Locally, where quartz stockwork obscures 2° Ksp part. - also minor Gx associated with being Gx are commonly fine disp. & w/ Mt in vhs or fract. fillings. - med. strong Mt w/ 100 vhs, as granular aggregates which are intergrown w/ primary rock constituents of 1° gne vhs and as fract. fill. of 1° + Gx.																
		146.5 - 165.0 : Sim. to above, but decrease in Mt being & stockwork & increase in Mt Gx vhs @ mostly 60-70° ca.	5321	3-4	2	0	2-3	2	0	1-2	0	0	3	1-3	.3	2		
		165.0 - 166.95: Strong sil Mt associated w/ set of 2-3 mm 1°-2° vhs @ 30-50° ca. Remnant from 2° Ksp patches. Th Gx disp.	5321	3	1	0	2	5	0	2	0	0	1	4	<.2	1		

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	SP	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Q%	STK	OTW
		QUARTZ MONZONITE - CONT'															
		166.25 - 172.40 : Sim. to 145.5 - 165.0 w/ H/L Gyr. irregular @ 60-70° lesser fls. v. thin & 2° KSP. Gyr v. f. fine diss.	5321	4	1	0	1	1	0	1	0	0	3	2	<.3	1	
		172.40 - 175.70 : Bioterminated & infilled quartz syenite w/ up to 20% mainly quartz - Sel - in matrix supporting 2° KSP. calc. frags. Red blebby Gyr locally in matrix & fine diss. Gyr in frags. Noticeable decrease in quartz v. thin.	5321	1	3	0	3	3	0	1	0	0	1	4	.4	1	
		175.70 - 178.0 : Sim. to 145.25 - 172.40, except v. dk. gray to blk. in colour due to strong Mt. & possibly 2° B: (?)	5321	3	1	(?)	2	1	0	1	0	0	5	2	<.3	0	
		178.0 - 180.0 : Sim. to 172.4 - 175.7 w/ dk. sil. infill to quartz syenite frags past 181. Occ. blebby Gyr but coarse @ 185.0 : 2 x 3-4 cm Gyr v. H.S. @ 15-20° CA w/ esp. (2) line 2° B: (?) & some blebby Gyr.	5321	1	4	1	2	2	0	1	0	0	1	4	.3	1	
		180.0 - 192.15 : Sim. to 145.25 - 172.40 @ 185 : 8 cm dyke dk gray w/ 10-15% matrix = (?). Sparse dk. gray, ophiolitic, stains strong yellow. looks like basal dyke but instead appears to be thachyte dyke. CA dyke = 20°	5321	3	1	0	2	1	0	2	0	0	3	2	<.3	1	
192.15	198.73	TRACHYTE PORPHYRY DIKE - upper contact sharp @ 35° CA. Description: Pink colored ophiolitic matrix supporting 30-40% 2-3mm subhedral feldspar plags & 5-10% dk. B: matrix plags. Matrix stains mod. yellow. 3X diss. Mt; Ti diss. H.	7202	0	0	0	0	0	0	2	1	1	2	.5	0	0	

END OF LOG

Sphalerite.

END OF HOLE @ 198.73 m.

## GEOLOGICAL LOGGING FORM - HEADER PAGE

## PINE PROJECT

DDH No. 92-39

Page 1 of 12

DEPTH	DIP	AZIMUTH	NORTHING	EASTING	ELEVATION
Collar Survey	- 45°	270°	2021.78	1263.12	1078.81
1	201.78m	- 42°	270°		
2					
3					
4					
5					
6					
7					

(LOCAL CO-ORDS)

DATA ENTRY	
DATE	16 Sept '92
BY	M. Penn

DATA CHECKING	
DATE	
BY	

APPROX. NORTHING	
APPROX. EASTING	
ZONE	R10 DRILL AREA
LOGGED BY	M. Penn
DATE DRILLING STARTED	14 Sept '92
DATE DRILLING ENDED	19 Sept '92
CORE SIZE	HQ
CASING IN HOLE	765 (12.5 metres)
TOTAL DEPTH	201.78 m

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	STK	OTHER
0	12.20	OVERBURDEN - CASING	0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12.20	15.48	TRACHYTE DYKE Pinkish-brown. Very clean contact @ 60' from Mod. very fine fracturing hosted by Qz-carb stknk, Chlomite / serl/ clay / sericite on several sharp joints. Very fine grained.	7200	1	2	0	0	1	1	1	2	0	0	0	0	1	
15.48	18.76	QUARTZ MONZONITE - mottled orange/bk, moderately to strongly Qtz-MT stockworked. ~ 50% orange Ksp - partly euhedral. 15%, 1-2 mm Qz c. 15% gra/bk intergranular Chlomite / MT - 15-20% green/white, coarse Qz-MT stknk in thin streaks cross-cutting unconsolidated Qz-carb. Strong chlomite/ clay / sericite / hematite on blocky jointing. - 1-15% Py - fine disseminated plus stronger bluffs on fractures. - maximum of 5% CP, very fine disseminated fine blebby in Qz-MT and blebby silica - fine to medium grained	5321	1	4	0	5	2	2	3	2	0	4	1%	.5%	4	lim (s)



		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	200	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
18.76	21.95	TRACNYTE DYKE (05 12.20-15.48) - pinkish-bn very fine grained - Contact @ 19.70 TCA.	7200	1	1	0	0	0	1	1	2	0	0	0	0	0	—
21.95	23.16	QUARTZ LATITE DYKE - pale gm, sericite, highly fractured/broken, poorly calcified, very wk. fine py	7511	2	0	0	0	4	2	1	2	0	0	0.2%	0	0	—
23.16	26.80	QUARTZ LATITE PLAG. PORPHYRY DYKE - pink orange to pale green, fractured/broken partly sericite. Contact @ 75° tca. Trace fine dis. py.	7522	2	0	0	0	3	2	0	2	0	0	0.2%	0	0	—
26.80	47.65	QUARTZ MENZONITE															
26.80	37.70	- orange/bk fine to medium grained. - 20% grey/wht, coarse (2-200) Qz-MT streaked and blebby silicification. - fine crosscutting fractures @ ~ 50-70° tca in Qz-carb / zeolite / chlorite / PY / CP - also EP/ser on a few fractures - 2% fine PY, mainly localized on fractures and discon. in Qz-MT - up to 20% MT blebs and stringers locally - 5% plus overall - very fine to fine-blebby CP with Qz-MT streak, MT blebs and blebby silicification. Maximum of 1.3% extremely fine CP up to ~1% in local sections of coarse blebs/stringers MT. - as 15.48-18.76 - blocky to str. fract, str. Qz-MT streak.	5321	2	4	0	5	1	1	2	2	2	5	2	0.5	4	—

		COMPUTER LOG SECTION																
FROM	TO	DESCRIPTION	ROCK	200	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER	
37.70	40.23	Highly fractured/broken zone of Qtz-MT stockworked Qtz-Syenite. (similar to 15.48-18.76) - mod. zeolite / EP / PY on fractures - 27% PY - mod. - strong coarse Qtz-MT stockwork and disseminated blebs of silica and MT w 1% fine PY and .5% very fine CP. - occasional dry fracture strong CP	5321	3	4	0	5	1	1	2	0	3	4	2%	.5%	4	—	
40.23	47.65	Blocky to strongly broken, Qtz-MT stockworked Qtz-Syenite (similar to 15.48-18.76) - Moderate shear fabric over stockwork w PY-MT-obl. slikenides on jointing. = Lem. - mod. pink zeolite / Qtz on cross-fracturing - occasional EP stringers - 5% PY - dissem. and strong on jointing - sparse to .5% fine CP assoc. w Qtz-MT	5321	2	4	0	5	1	1	3	0	1	4	5%	.3%	4	Lem	
47.65	61.97	QUARTZ LATITE PLAG IORNYX DYKE 10-50% euhedral plag. phenos up to 6x3mm. 5-10% blebby Qtz eyes. 15% blastic coarse brecciated + host. - shear fabric of albite / plagioclase / syenite @ 40-60° tea and Qtz-MT cross-fractures 47.65 - sharp upper contact with Qtz-syenite and stockwork @ 45° tea. - weak fine dissem. PY - Typically pink-orange / blk speckled																
47.65	49.90	Slightly shear brecciated and syenite softened, pink-orange fca Qtz dyke - mainly thin pink zeolite = Qtz on cross fractures - up to moderate pervasive and fracture cl. assoc. - up to 1% fine dissem. PY	7512	3	1	0	0	2	2	2	0	0	1	.5%	0	20%	—	

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	ZEP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
49.80	52.50	Shale fractured and broken, pink-orange Qlpp w/ strong clay-seinite on fractures, shear joints - pink zeolite cross fractures - up to 1% fine disse. PY.	7512	3	1	0	0	3	3	2	0	0	0	.5	0	1	—
52.50	57.20	Pink-orange lgn slightly shaly brecciated and Qtz-zeolite healed Qlpp much like (47.65-49.80) - minor Ksp on floor in strongest Qtz stringer - clay seinite on sheared fractures - 1% fine PY.	7512	3	1	0	1	2	2	2	0	1	1	1%	0	1	—
57.20	60.15	Pink-orange/blk Qlpp with stringer many clay-seinite / zeolite / Ksp fractures slon. fabric @ 2-40° to hor. Core is mainly intact - much less Qtz-zeol cross-fracturing - 2% rounded med. sized blk PY in clay-seinite / zeolite.	7512	1	1	0	0	3	3	2	2	0	1	3%	0	0	—
60.15	61.97	Pink-orange / blk speckled Qlpp dyke w/ weaker clay-seinite and shearing - 2% fine disse. PY - coarse, fairly even, porphyritic texture - fairly sharp lower contact @ ~60°	7512	1	0	0	0	1	1	2	0	0		.3%	0	0	—
61.97	82.53	QUARTZ MONZONITE - deep orange, silicified, med. fract. - 10-15% 1-2 mm Qtz-Epis. 30% coarse Ksp - 5-10% fine blk disse. MT 5% moderate stockwork of 2-8 mm med. sized veins - variable 1-5% PY - disse. and stringer - 5-7% fine CP in Qtz and slightly coarser in disse. MT - fine pink zeolite cross-fracturing - grainy to med. grained.															

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	ZEO	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
61.97	62.32	Slightly sheared brecciated / zeolite cross-fractured orange / grey olivine, Rz-MT stockwork Rz = Syenite. - Moderate - strong stockwork sheared and zeolite crossfractured. - Up to 10% blebs and stringers of decomposing MT in spots - Up to moderate clay-sericite / chlorite / PY on certain sheared fractures. - 1-3% disse. and stringers PY - up to .5% very fine disse. CP	5321	2	A	0	5	2	2	2	0	0	4	2%	.5%	4	hem(1)
62.32	68.35	Moderately Rz-MT stockwork, orange Rz = syenite. - 1-5 mm Rz-MT veins in 1% fine CP and fine blk MT veinlets and blebs. - 1% disse. PY - stringers on a few fractures	5321	1	A	0	5	1	1	1	0	0	4	1%	1%	3	hem(1)
68.35	71.63	Moderately Rz-MT stockwork, orange Rz = syenite in 3-5% disse. and fracture PY. - Moderate fracturing in heavy stringing of PY on clay-sericite / P / all / hem. - Minimum .5% CP - fine disse. - occasional bleb	5321	1	A	0	5	2	2	1	0	1	4	4%	.5%	3	hem(1)

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	ZON	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
71.63	76.50	Moderately Qtz-MT stockwork orange Qtz-syenite. - Stronger fine MT stock heating moderate crack brecciation.	5321	1	A	0	5	1	0	1	0	1	4	1%	.5%	3	km(1)
76.50	77.80	Blk/gray/orange brecciated, Qtz-MT stockwork Qtz-syenite. Open space in healed bre. - multiple sheared joints @ 30-40° to in strong PY/chl. - fine CP blebs in Qtz	5321	1	A	0	5	1	2	4	0	1	4	5%	.5%	4	km(1)
77.80	81.72	Well silicified, moderately Qtz-MT stockwork blk/ orange Qtz-syenite. Stronger fine MT stockwork and blebs. - some quartzite healed mass-fractures - 2% PY-dissol. and fractures - up to 1% CP in strongest silica in line to line blebby.	5321	1	S	0	5	2	2	1	0	1	5	3%	.7%	3	
81.72	83.53	Silicified, Qtz-MT stockwork orange blk/ Qtz-syenite in later EP/syenite/PY/chl healed crackle fracturing. - 5-10% fine grain bands of PY - short sections of fracture in strong, fine-grain BQ, CP	5321	1	S	0	5	3	1	3	0	2	4	5%	.5%	3	.5BQ
83.53	83.35	<u>POPHYRITIC QUARTZ LATITE DIKE</u> - K-feldspathic in place and broken pieces - plagioclase brecciated and brecciated - .5% PY and .5% CP near contacts - contacts @ ~ 40-45° - pink-orange colour	7512	2	1	0	2	3	1	3	0	3	0	.2%	.2%	0	—

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
83.35	108.03	QUARTZ. MONZONITE															
83.35	89.00	- Fine EP and zeolite cross-fracturing - strong, fine PY on broken fractures - strong CP, BD on several short fractures - fine dissem CP assoc. w silica / stnk - Orange / blk. Stronger fine tr stnk	5321	1	4	0	5	2	1	3	0	2	4	4	.5	4	-
89.00	95.25	Well silicified, strongly Qtz-MT and MT streaked orange / blk Qtz syenite - A few EP and zeol. cross-fractures - Moderate PY on a few fractures - Up to 1% fine dissem CP	5321	2	5	0	5	2	1	1	0	2	5	2%	1%	5	len(i)
95.25	98.65	Moderately Qtz-MT streaked orange / blk Qtz-syenite. Fine MT stnk and blkby dissem. - occasional fine zeol cross-fractures. - moderate PY on fractures - dissem CP w stnk / silica - local blkby CP - four 5mm bands of FY-CP (50-50) @ 45° @ 96.65 m	5321	1	4	0	5	0	0	1	0	0	4	3%	1%	3	len(i)
98.65	100.40	Blk / orange MT flooded Qtz-syenite. - fine zeolite-healed crackle - moderate PY / chl / hem on fractures - locally up to 1% fine dissem and blkby CP	5321	2	A	0	5	1	1	2	0	0	5	3%	.5%	3	len(i)
100.40	105.39	Blocky / broken, mod-stromly Qtz-MT streaked orange / blk Qtz-syenite - fractures coated w fine zeolite on PY / clay-syenite / chlorite, 1% dissem - fine dissem CP - stronger on stnk and certain fractures to BD	5321	2	A	0	5	2	2	2	0	1	4	2%	.5%	4	len(i) to BD

		COMPUTER LOG SECTION																
FROM	TO	DESCRIPTION	ROCK	SP	SIL	B	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER	
105.79	108.03	Strongly chlorite sericitic, crackle brecciated, Qtz-MT veined, granofelsic Qtz-syenite. - moderate clay-sericite and chlorite on strong, irregular fracturing. Overprints kyanite. - minor EP in sericite. Occasional zeolite cross-fractures - some low-dissim. PY - majority localised on fractures. - lean on CP - mainly confined to Qtz-MT stringers.	zeol	5321	1	3	0	5	2	2	4	0	1	3	2%	.2%	2	km(1)
109.03	111.88	PLAG. MONZONITIC QUARTZ LATITE DYKE - grey/pink, zeolite healed, chloritic - crackle brecciated - 30% pink p. 20 phases visible in places - sharp lower contact @ 65° tea. - moderate clay sericite and Qtz-MT veining. - Fine CP within Qtz. Blocky CP sporadically in zeolite cross-fractures - low-dissim. fine dissemin. PY - strong on certain joints	7522	3	3	0	2	1	1	3	0	0	3	2%	.5%	2	km(1)	
111.83	143.18	QUARTZ MONZONITE - weak to moderate streakwork of relatively fine, blocky Qtz-MT stringers up to 1 cm																
111.88	127.20	Low, blocky Qtz-MT. Moderate chloritization - Moderate clay sericite and irregular zeolite on EP fracturing. - thin clay-sericite on a few joints - 2% fine dissemin. PY - strong on a few fractures. - fine dissemin. to low blocky CP - mainly associated w. Qtz, MT and zeolite filled	5321	3	3	0	5	1	1	2	0	2	3	2	.5	2	km(1)	

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	ZOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	STK	OTHER
127.20	137.37	Dk orange / blk moderately Qtz-MT stockwork, silicified Qtz-syenite. Fine blk MT stkw. Blobsy silica and MT flooding. Wk EP/Chl and pink zeolite cross-fracturing. - 2% dissemin. PY - strong on certain fractures and Qtz-MT floods - fine CP in silica and MT locally - blobsy in zeolite and on a few fractures - trace BØ	5821	2	4	0	5	1	1	2	0	2	4	2%	.7	3	Am(i) tr. BØ
132.22	139.45	Strongly fractured/broken silica/MT flooded orange Qtz-syenite. Partially zeolite healed. Fine blk MT stkw. - chlorite/PY on most fractures in minor clay-syenite - wk CP dissemin in PY. Occasional blobsy in MT, zeolite and fractures	5821	3	3	0	5	1	1	3	0	1	3	3%	.5	2	—
139.45	143.18	Dk orange blk Qtz-syenite in blobby silicification, highly MT and wavy, fine blk MT-Qtz stockwork. - fine irregular zeolite in EP/Chl cross-fractures - fine dissemin. PY - heavy on a few fractures - fine dissemin. CP in stronger silica/MT - irregular clay-kick CP	5821	2	4	0	5	0	0	2	0	2	3	4%	.3	2	—
143.18	149.10	QUARTZ LATITE MAG. PORPHYRIC DYKE - blocky & broken. Moderate dissemin. MT (blow) - locally Qtz-PY flooded. 1-2% PY - weakly brecciated - zeolite/EP healed - 10% chlorite porphyry - local dissemin. and blobsy CP - sp. in zeolite - some Ksp phenos. Solved on fine fractures - stirred contacts @ 50° and 20° tea - chloritic, pyritic.	7512	2	2	0	2	0	0	3	0	1	3	2%	.2	0	—

See COMMENTS



		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	<sup>2001</sup> <del>200</del>	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
149.10	171.30	QUARTZ MONZONITE															
149.10	150.33	- moderate dissen. MT. Few blebs. - dolomite / PY on main joints. 1% PY - occasional CP to PY - sil. contact & nk-mod. Qtz-MT. stnk.	5321	1	3	0	5	1	1	3	0	1	2	1	.2	3	-
150.33	151.18	Consol. brecciated Qtz-PY bedded and bedded. bright orange Qtz-syenite. Minor fine MT massive - weak EP ladd in Qtz-PY - minor zeolite conc. structures - occasional fine-grained blebby CP to PY, MT	5321	1	5	0	5	0	0	1	0	2	2	5%	.2%	1	-
151.18	162.20	Blocky to broken in sections. Weak to moderate. Qtz-MT-PY brecciated dk orange Qtz-syenite in large orange MT-free patches. - fine-grained conc. in EP conc. structures - fine structures have strong P-act and are also coarse - 2% PY - some dissen - minor concentrated on Qtz and stringers - occasional fine-grained CP to Qtz-PY - heavy CP bleb @ 53.0 m - keeps in patches in places leaving unstained washed areas and red/or orange or pink places - jointing @ 45° to 90° to ea. - Qtz-veining (irregular) @ 10° to 40° to ea.	5321		3	0	4	1	1	3	0		3	3%	.3%	2	-

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION														
			ROCK	ZOL	SIL	B	KSP	SER	CLAY	CHL	CARB	EP	MT	PY%	CP%	STK	OTHER
164.20	171.30	Fault vicinity. Highly fractured, pitted and broken, siliceous chlorite, pyritic, zeolite cross-fractured Qz-syenite. - Irregular Qz flood in moderate MT, strong PY - Zeolite fractures normally, separate from fracture in chlorite, PY, EP, clay-syenite. - Local, patchy CP in heavier Qz-PY-MT	5321	3	4	0	5	2	2	3	0	1	3	3%	.2	2	—
171.30	174.35	FAULT. - a few fragments of orange syenite in chlorite, pyritic MT, zeolite Similar to (164.20-171.30) - very little recovery - mainly quartz & clay zone	9632	0	0	0	0	0	5	0	0	0	0	0	0	0	—
174.35	201.78	QUARTZ MONZONITE															
174.35	179.22	Silt to 164.20-171.30. Broken irregular frags. 5321 of Qtz syenite w/ chlorite, py. zeol, clay-syenite, Qtz-MT	5321	3	3	0	5	3	3	3	0	1	2	3	0	2	—
179.22	184.20	Highly fractured, partly broken zeolite/Qz isolated small fragments, pink/mauve/green Qz-syenite, similar to (164.20-171.30) - Occasional Qz-PY inclusions @ 50-20° to - 2% stringers and fracture PY - Chlorite and pyritic chloranhydrites @ 0°-45° to - 20°	5321	3	3	0	5	3	3	4	0	1	3	3%	0	1	—
184.20	188.15	Scattered green chloritic and sparse speckled Qz-syenite. Strong blubby Qz-MT flooding and fine MT at base. - Intense fracturing in strong silt to 1 PY pink zeolite and orange clay-syenite - Very sparse CP in PY-MT	5321	3	4	0	5		2	0	1	4	5%	.2%	3	—	

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	zeol.	SIL	B:	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
188.15	191.60	Dk orange/grn, chlorite and zeolite crackles braided, silicified and MT stockwork Qtz-syenite. - intense chlorite on wavy fracturing (shoa) in slicks, mod. PY, mod. chx-peneite EP. - mod. fine, irregular, pink zeolite cross-fracturing. - sparse dissem. PY. Mainly on fractures. - localized CP in some MT / PY	5821	3	4	0	5	3	3	4+	0	1	3	2%	.1-.2%	2	
191.60	201.38	Blocky jointed, orange/pink/green, chlorite and zeolite cross-fractured, silicified and weakly Qtz-MT stockwork Qtz-syenite. - slicks and thin chlorite / PY on most joints. Most @ 50-60° for - intense chlorite on fine, wavy fractures - moderate zeolite stockwork on fine- irregular fractures. - weak fine dissem PY. Majority on fine stringers and main joints. - sparse localized CP	5821	3	3	0	5	2	2	3	0	1	3	2%	.1-.2%	1	
	201.38	EOH															

GEOLOGICAL LOGGING FORM - HEADER PAGE

PINE PROJECT

DDH No. 92-40

Page 1 of 7

DEPTH	DIP	AZIMUTH	NORTHING	EASTING	ELEVATION
Collar Survey	- 60°	270°	35216.53	12730.59	1072.15
1 198.73m	- 60°	270°			
2					
3					
4					
5					
6					
7					

(LOCAL CO-ORD.)

DATA ENTRY	
DATE	
BY	

DATA CHECKING	
DATE	
BY	

APPROX. NORTHING	
APPROX. EASTING	
ZONE	R10 DRILL AREA
LOGGED BY	B. K. Bowen
DATE DRILLING STARTED	SEPT 19/92
DATE DRILLING ENDED	SEPT 22/92
CORE SIZE	HA
CASING IN HOLE	YES, 14.02 METRES
TOTAL DEPTH	201.78 METRES

FROM	TO	DESCRIPTION	COMPUTER LOG SECTION																
			ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	STX	OTHER		
0	14.02	OVERBURDEN																	
14.02	49.25	QUARTZ MONZONITE																	
		Dark greenish grey to locally pinkish cast whole not bleached (silicified and/or sulfurized) 2 stain tests show 70% + kspar, 15% feldspar Mz grains to 3mm & locally some blng. Lathes in groundmass not greater than 20%. Bleached & "fresher" zones described separately below:																	
		14.02 - 21.45: Med. grey to greenish-grey in colour intense pervasive sil., lesser sericite - chl. int. 3% diss. k. and Mt., locally thin on fract. & vll. mineralogy. Two stain tests negative. @ 18.90: 0.1m clay-chl. fault gouge.	5321	0	5	0	0	2	1	2	0	0	2	3	1.3	1			
		21.45 - 29.57: Bleached, light grey to cream coloured, wk to locally med Mz streak, strong pervasive ser. w/ pass some clay after remnant dissol. Lm on fract & regg'd Mz vns, 3-6% k., non-magnetic, mineralogy in Mz vns & diss sil. opaque mineral, diss, fract, in Mz vns & coating k + Gv grains - possible chlorite.	5321	0	3	0	0	4.5	1	0	0	0	0	2	1.3	2.3			

COMPUTER LOG SECTION																	
FROM	TO	DESCRIPTION	ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
		<u>QUARTZ MONAZONITE GNT</u>															
		29.57-32.61: Intensely broken, small angular pieces rock dk. green in color, textures vague granular, sfr. dls - Mt flooding, minor dls - Mt mining, 2-3% by dis & fract, minor Gyp v.t. grained Mt also as clots & fract., Hem on fract. locally, 1 stain 20% Kspas (r)	5321	0	4	0	0	1	0	1	0	0	4	2	.3	1	Hem.
		32.61-35.66: Lt. gray colored, med. sfr's w/also some per. silica. Minor dls mining. Non-mag, w 2% Py. Gyp mainly fine dis. sfr. orange on fract. & dls & also coating mainly Gyp grains - 10% chlorite. (+ lim. on fract. to 30.5m)	5321	0	2	0	0	3-4	0	0	0	0	0	2	.3	1	Ch.
		35.66-46.25: Lt. grayish-green in color, sim to 29.57-32.61 except textures less vague & description as per under 1st paragraph allowing QUARTZ SPAN - 1% main heading on page 2. Rock intensely broken. Occasional dls of dls - Mt mining. by dis. & fract. Gyp mainly on s. of dis.	5321	0	1	0	0	1	0	1	0	0	3	2-3	.4	1	
		46.25-49.25: Sim. to 32.61-35.66, except per. silica equal to or greater than per. ser. Hse. Gyp more frequently observed, especially in last 15 cm before dyke contact - here Gyp is blocky & dls. sfr. increases to med.	5321	0	3	0	0	3	0	0	0	0	1	3	.5	1-2	
49.25	50.65	<u>QUARTZ LATITE PORPHYRY DYKE.</u>	7512	0	0-1	0	0	0	0	1-2	0	0	2	<1	7%	0	
		- upper contact sharp @ 60' ca. Unit described.															
		- top of p. 2. Lower contact not observed. (cut blocked)															

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
		<u>QUARTZ LATITE PORPHYRY - GNT 'A</u>															
		Unit is distinctly porphyritic w 20-dax mainly mineral white & pinkish cast 2-5mm feldspar masses & 10-15% plagioclase Mtd. lathes & clots Mtd. grains set in aphanitic, pinkish-tan colored groundmass. Mod. zeolite vining @ 2-20" Ca. @ 40.3: 2mm dia vlt @ 50" Ca. w minor felds Gy.															
		→ Py fine dist. M. dist. as well.															
54.55	180.0	<u>QUARTZ MONZONITE</u>															
		Variously affected & mineralized as per the subheadings described below.															
		54.55-56.75: dk. gray to blk. silt (mod. to H.S.) locally 2" large pebbles (strain test positive) @ 56.65: 0.2m massive specular Hem vlt w slightly to massive aggregates, white to minor Gy. dist. & fract.	5321	0	4	0	2	1	0	0	0	0	3	3	.4	2	See Mem.
		56.75-61.27: pale green to cream colored fine pinkish cast but did not stain pos. Mod. silt. also stockwork, wk. mod. Mtd. Good Gy as dist fract & in the veins as fine lines. Abundant by dist. & fract.	5321	0	4	0	1	3	0	1	0	0	1-2	4	.6	4	
		61.27-67.30: dk. greenish-gray locally fine w. dk. - Mtd. wk. mod. also - Mtd. silt. & Mtd. H. Minor Gy fract & dist. Mod. acted on 1 fract.	5321	0	3	0	1	1-2	0	1	0	0	4	3	.3	2	MoS

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Cp%	STK	OTHER
		<u>QUARTZ</u> - CONT'D.															
		62.20 - 64.10 : Pink colour predominates. Olig eyes & grains easily visible, red. Olig vit. slw. mod mag. Cr <sup>2+</sup> mainly on fault. Sm to 56.75 - 61.27 (?) how much Ksp is 1 1/2	5321	0	3	0	2	2	0	0	0	0	2	3	.7	3	
		64.10 - 66.00 : Sm. to 61.27 - 62.20, current no HSS noted. 1 grain test shows 20% Ksp.	5321	0	3	0	1	2	0	1	0	0	4	3	.3	1	
		66.00 - 75.00 : Sm to 56.75 - 61.27 except lesser Cr <sup>2+</sup> and some disc. Whisk-Bk. cleave (non-mag.) locally increase in Olig slw → Possible Co.	5321	0	2	0	1	2	0	1	0	0	1.2	3	.4	1	calc.
		75.00 - 107.29 : Variés from dark quartz to pinkish calc. & stain tests suggest composition varies from Olig-monzonite to Olig syenite Increase in Ksp possibly due to 2° Ksp assoc. w/ Olig zoning. Olig vit. w/ mod to loc. abund. slk. Cr <sup>2+</sup> mainly very fine disc. & occ. fract.	5321	0	3	0	2-3	2	0	1	0	0	3	3	.4	2-3	
		107.29 - 120.0 : Decrease in Olig slw & zoning feature distinct tall line, less vague than above. 2 stain tests suggest Fe <sup>2+</sup> variable Olig syenite to Olig monzonite. Cr <sup>2+</sup> mainly on occ. fault, less mag. & fine disc.	5321	0	1	0	0	2	0	1	0	0	2.5	3	<.3	1	
120.0	163.0	<u>QUARTZ MAFIC PORPHYRY DYKE</u>	7512	0	0	0	0	0	0	2-3	2	2	1	<.5	0	0	
		- as per 79.25 - 54.55															
		- upper contact broken; lower contact @ in 45° or.															

			COMPUTER LOG SECTION														
FROM	TO	DESCRIPTION	ROCK	GYP	SIL	B	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STR	OTHER
		<u>QUARTZ LATITE DYKE - CNT 11.</u>															
		NE-mod, 1-2 mm white and vhs content of alkalic silvage & also accompanied by minor Ep. Nafes chloritized. Minor fine diss. f.															
163.0	167.70	<u>QUARTZ MONZONITE</u>	5321	2	0-1	0	0	3-4	1	2-3	0	0	1	2	TR	1	
		Light grey to pink pink in colour mainly sericitized (poss. minor clay component) cut by wk streak of 1-2 cl/vhs and lesser gyp. vhs. Only one dte. noted. by also diss. TR Gp diss.															
167.70	170. B	<u>AMPHIBOLE (LATITE?) DYKE</u>	7600	2	0	0	0	2	0	2	0	0	2	1.5	0	0	
		- upper contact sharp @ 45° C.															
		- lower contact sharp @ 20° C.															
		Description: Dk. green in colour, alteration to fine grained, altered, contrasting to basaltic in composition, but stains - 30% 1" layer to pass. latite in compos. base. Mod. exp. zoning.															
		167.7-168.1: dyke is brecciated w/ 2-4% milling.															
		168.1-168.4: Fragment of granitically altered Quartzite Granite caught w/ in dyke.															
170.3	182.65	<u>QUARTZ MONZONITE</u>	5321	2	1	0	2	3	1	2	0	1	2	2	TR	0	
		- See descriptive comments top of next page.															



		COMPUTER LOG SECTION																
FROM	TO	DESCRIPTION	ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	Co%	STK	OTHER	
		QUARTZ MONZONITE - CONT'D.																
		See to 163-167.70, except prev. cor. OH <sup>2</sup> less completely indurized w/ partly 2° kernal as envelopes to sec. py - Gyp. vth. and locally prev. Some portions of interval relatively fresh. @ 170.8: next to dyke contact, abundant Ep diss. @ 178.6: shaly Gyp w/ massive py in slightly brecciated Qtz Granite. @ 180.00: 0.1 m sec - (clay) gouge + brecciated = minor fault.  Other than Gyp noted above, only occasional diss. noted.  Also note occasional Qtz - lat. vth. of T <sub>2</sub> Gyp																
182.65	187.70	QUARTZ LATITE LOCALITY DYKE	7512	1	0	0	0	1	1	1	0	1	2	C.5	0	0		
		- as per previous Qtz. latite dyke intercepts - upper contact sharp @ 20° CA. w/ 0.1 m. intense chlorite in Qtz granite @ contact. Qtz latite is cut by dk. green andesitic dykelets @ 186.5 m & 187.5 m (width both dyke- lets = 0.2 m & CA. = 40° to 45°) at contact. In basal portion of Qtz latite is altered to clay - sec. py = few cm. outwards from main matic dyke contact.																

		COMPUTER LOG SECTION															
FROM	TO	DESCRIPTION	ROCK	GYP	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	Py%	CP%	STK	OTHER
167.7	191.25	ANDESITE (WHITE?) DRE.	7600	1	0	0	0	0	0	2	0	0	2	4.5	0	0	
		- upper contact broken. (mining zone = fault).															
		- lower contact sharp @ 20" CA.															
		- similar to 167.70 - 170.8															
191.25	200.26	QUARTZ LATITE MAINLY DRE.	7512	1	0	0	0	0	0	1	0	3-4	2	4.5	0	0	
		- as per previous the latite intercepts:															
		present noticeable increase in Ep as vlt and along fault.															
		END of hole @ 200.26 metres															

**Part (iii)**

**Unit Intervals, Rock Codes, Alteration Codes  
(all diamond drill holes)**



PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOE	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
79-2	0.00	1.80	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
79-2	1.80	16.00	5321	0	4	0	4	1	0	1	0	0	4	4	2.0	0.5	MAL(2)
79-2	16.00	36.00	5321	0	4	0	4	1	0	1	0	0	4	4	2.0	0.5	
79-2	36.00	42.00	5321	0	4	0	4	1	0	1	0	0	4	4	2.0	0.5	HEM(2)
79-2	42.00	51.00	5321	0	4	0	4	1	0	1	0	0	4	4	2.0	0.5	
79-2	51.00	66.00	7511	0	0	0	0	0	0	1	0	0	0	0	2.0	0.0	GYP(1)
79-2	66.00	70.00	7511	0	0	0	0	0	0	5	0	0	0	0	2.0	0.0	GYP(1)
79-2	70.00	102.00	7511	0	0	0	0	0	0	1	0	0	0	0	2.0	0.0	GYP(1)
79-2	102.00	127.50	5321	0	3	0	4	1	0	4	0	1	4	3	10.0	0.5	GYP(3)
79-2	127.50	140.00	5500	0	0	0	0	0	0	2	0	2	0	0	5.0	0.0	GYP(2)
79-2	140.00	144.50	9550	0	0	0	0	0	0	4	0	2	0	0	5.0	0.0	GYP(2)
79-2	144.50	192.00	5500	0	0	0	0	0	0	2	0	2	0	0	5.0	0.0	GYP(2)
79-2	192.00	192.60	5500	0	0	0	0	0	0	5	0	5	0	0	5.0	0.0	GYP(2)
79-2	192.60	194.00	5500	0	0	0	0	0	0	2	0	2	0	0	5.0	0.0	GYP(2)
79-2	194.00	211.20	5500	0	2	0	0	2	0	2	0	0	0	0	5.0	0.0	GYP(3)

PINE GEÖLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
79-3	0.00	1.80	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
79-3	1.80	11.80	5321	0	2	0	0	3	0	2	0	1	2	0	5.0	0.0	GYP(1)
79-3	11.80	16.80	7221	0	0	0	0	0	0	0	0	0	0	0	2.0	0.0	
79-3	16.80	43.00	5321	0	4	0	0	3	0	2	0	1	2	3	5.0	0.0	GYP(1)
79-3	43.00	49.00	9532	0	2	0	0	3	1	3	0	1	1	1	5.0	0.0	GYP(1)
79-3	49.00	68.50	5321	0	4	0	0	3	0	2	0	1	2	3	5.0	0.0	GYP(1)
79-3	68.50	122.60	5321	1	2	0	0	1	0	0	0	0	2	2	4.0	0.3	GYP(1)
79-3	122.60	140.00	9532	0	1	0	0	1	1	3	0	1	1	0	10.0	0.0	GYP(1)
79-3	140.00	147.00	5321	1	2	0	0	1	0	0	0	0	2	2	4.0	0.3	GYP(1)
79-3	147.00	177.50	5500	0	2	0	0	3	0	3	0	0	1	0	10.0	0.0	GYP(2)

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-4	0.00	7.90	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-4	7.90	17.40	3400	0	3	0	0	3	2	2	0	3	2	0	4.0	0.0	
80-4	17.40	18.90	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-4	18.90	20.40	3400	0	3	0	0	3	2	2	0	3	2	0	4.0	0.0	
80-4	20.40	26.50	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-4	26.50	27.40	3400	0	3	0	0	3	2	2	0	3	2	0	4.0	0.0	
80-4	27.40	28.00	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-4	28.00	39.01	3400	0	3	0	0	3	2	2	0	3	2	0	4.0	0.0	
80-4	39.01	44.81	3400	0	4	0	0	1	2	3	2	2	2	1	1.0	0.0	HEM(1)
80-4	44.81	51.80	7512	4	0	0	0	0	0	2	0	2	1	0	1.0	0.0	
80-4	51.80	53.65	3610	0	3	0	0	2	1	2	1	2	1	1	5.0	0.0	
80-4	53.65	69.20	3400	0	5	0	0	0	2	2	0	2	0	1	1.0	0.0	LIM(1)
80-4	69.20	78.40	7512	2	0	0	0	0	0	2	0	2	1	0	1.0	0.0	
80-4	78.40	79.90	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-4	79.90	91.44	3400	0	5	0	0	0	2	2	0	2	0	1	1.0	0.0	
80-4	91.44	98.20	3400	0	0	0	0	4	3	1	3	2	1	1	3.0	0.0	GYP(1)

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-5	0.00	3.30	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-5	3.30	14.63	5321	0	2	0	1	3	2	2	2	0	2	0	2.0	0.6	HEM(1)
80-5	14.63	15.54	7202	0	1	0	0	0	0	0	0	1	0	1	0.0	0.0	
80-5	15.54	21.34	5321	0	2	0	1	3	2	2	2	0	1	0	2.0	0.0	
80-5	21.34	27.43	9340	0	1	0	0	4	3	0	0	0	0	0	1.0	0.0	
80-5	27.43	49.38	3410	0	5	0	0	5	0	0	0	0	0	1	4.0	0.0	GYP(2)
80-5	49.38	99.60	3400	0	2	0	0	2	3	0	0	0	0	1	4.0	0.0	GYP(2)



PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-6	0.00	2.00	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-6	2.00	5.50	7200	0	0	0	0	0	0	1	0	0	0	0	0.1	0.0	
80-6	5.50	26.40	5321	0	2	0	2	1	2	2	2	4	4	2	1.0	0.2	
80-6	26.40	27.60	7200	0	0	0	0	0	0	1	0	0	0	0	0.1	0.0	
80-6	27.60	37.00	5321	0	2	0	2	1	2	2	2	2	4	2	1.0	0.2	
80-6	37.00	96.60	5321	0	3	0	3	1	2	2	2	1	4	3	3.0	0.3	
80-6	96.60	102.70	5321	0	2	0	2	4	2	4	2	1	3	1	1.0	0.2	GYP(2)

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-7	0.00	10.80	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-7	10.80	20.42	5321	0	4	0	0	4	1	0	0	0	2	3	3.0	0.3	
80-7	20.42	28.04	5321	0	2	0	0	4	1	0	0	0	1	1	4.0	0.3	
80-7	28.04	35.97	5321	0	2	0	0	4	1	0	0	0	3	1	4.0	0.3	
80-7	35.97	48.16	5321	0	1	0	2	1	0	1	0	0	3	1	2.0	0.3	
80-7	48.16	57.61	7512	3	0	0	0	0	0	1	0	0	1	0	0.4	0.1	
80-7	57.61	67.06	5321	0	1	0	2	1	0	1	0	0	4	1	2.0	0.3	
80-7	67.06	78.33	5321	0	2	0	1	2	2	1	0	0	2	2	3.0	0.3	
80-7	78.33	90.50	5321	0	2	0	2	1	0	1	0	0	3	2	2.0	0.2	
80-7	90.50	96.60	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-7	96.60	99.60	5321	0	2	0	2	1	0	1	0	0	3	2	2.0	0.2	

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-8	0.00	1.70	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-8	1.70	41.60	7512	0	0	0	0	0	0	1	0	3	1	0	0.1	0.0	
80-8	41.60	115.30	3611	0	1	0	0	0	0	2	0	5	2	0	0.5	0.0	GYP(1)

PINE GEOLGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-9	0.00	6.50	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-9	6.50	14.02	7202	0	1	0	0	0	0	1	0	2	0	0	0.0	0.0	
80-9	14.02	15.85	7512	0	0	0	0	0	3	0	3	0	0	0	0.0	0.0	
80-9	15.85	17.37	5321	0	4	0	0	2	1	0	2	0	1	0	0.5	0.0	
80-9	17.37	17.68	7600	0	0	0	0	0	0	2	0	0	2	0	0.0	0.0	
80-9	17.68	19.81	5321	0	3	0	0	4	2	0	2	0	0	0	1.0	0.0	
80-9	19.81	21.95	7600	0	0	0	0	0	0	2	0	0	3	0	0.0	0.0	
80-9	21.95	26.21	5321	0	3	0	0	4	1	0	0	0	2	1	2.0	0.0	
80-9	26.21	27.13	7600	0	0	0	0	0	0	1	0	0	1	0	0.0	0.0	
80-9	27.13	44.20	5321	0	3	0	1	4	0	1	0	0	0	0	2.0	0.0	
80-9	44.20	45.72	7600	0	0	0	0	0	0	1	0	0	1	0	0.0	0.0	
80-9	45.72	50.29	5321	0	3	0	1	3	3	0	3	0	0	1	3.0	0.1	GYP(2)
80-9	50.29	52.12	5321	0	3	0	0	3	0	0	0	0	0	0	2.0	0.0	HEM(1)
80-9	52.12	53.95	7600	0	0	0	0	0	0	1	0	1	4	0	0.1	0.0	
80-9	53.95	84.74	5321	0	3	0	0	3	2	2	2	1	2	1	2.0	0.0	
80-9	84.74	92.10	5321	2	2	0	1	2	0	3	1	1	1	2	2.0	0.1	GYP(2)

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-10	0.00	3.00	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-10	3.00	20.42	5321	0	4	0	0	3	0	2	0	1	1	0	5.0	0.1	
80-10	20.42	26.52	7202	0	0	0	0	1	0	0	0	0	0	0	0.0	0.0	
80-10	26.52	31.70	3423	0	4	0	0	3	1	0	1	0	0	0	2.0	0.0	
80-10	31.70	67.70	5321	1	3	0	1	3	0	2	0	1	2	1	1.0	0.1	
80-10	67.70	73.80	5321	0	5	0	0	1	0	2	0	0	5	0	2.0	0.1	
80-10	73.80	92.00	5321	1	3	0	1	3	0	2	0	1	2	1	1.0	0.1	
80-10	92.00	97.90	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	

PINE GEÖLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-11	0.00	6.50	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-11	6.50	8.80	5321	0	1	0	1	2	1	1	0	0	1	1	2.0	0.1	LIM(1)
80-11	8.80	25.90	5321	0	1	0	1	2	1	0	0	0	1	1	2.0	0.1	
80-11	25.90	34.10	5321	0	1	0	1	2	1	1	0	1	2	1	2.0	0.1	
80-11	34.10	37.50	5321	0	3	0	0	3	0	0	0	0	1	0	3.0	0.0	
80-11	37.50	43.60	5321	0	1	0	0	1	0	1	0	0	2	0	2.0	0.0	
80-11	43.60	52.40	7512	2	1	0	0	1	0	1	0	0	1	0	1.0	0.0	
80-11	52.40	72.20	5321	0	1	0	0	1	0	1	0	0	2	1	2.0	0.0	GYP(1)
80-11	72.20	79.80	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-11	79.80	87.40	5321	0	1	0	0	1	0	1	0	0	2	1	2.0	0.0	GYP(2)
80-11	87.40	90.50	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-12	0.00	9.60	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-12	9.60	12.80	3411	0	3	0	0	3	1	0	1	0	0	0	5.0	0.0	LIM(1)
80-12	12.80	92.00	3411	0	3	0	0	3	1	0	1	0	0	0	5.0	0.0	

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
80-13	0.00	21.80	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-13	21.80	31.10	7202	0	0	0	0	1	2	0	2	1	1	0	0.1	0.0	
80-13	31.10	68.50	3412	0	2	0	0	3	2	2	1	1	2	0	1.0	0.0	
80-13	68.50	69.20	7202	0	0	0	0	1	3	0	3	0	1	0	0.0	0.0	
80-13	69.20	72.30	3412	0	3	0	0	4	0	1	0	2	3	0	1.0	0.1	
80-13	72.30	73.80	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-13	73.80	79.90	3412	0	3	0	0	4	0	1	0	2	3	0	1.0	0.1	
80-13	79.90	82.90	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
80-13	82.90	94.20	5321	0	3	0	1	1	0	3	0	0	4	1	2.0	0.2	



PINE GEOLGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
92-37	0.00	14.02	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-37	14.02	17.70	3520	0	1	0	0	5	4	2	0	0	3	0	0.5	0.0	HEM(1)
92-37	17.70	22.00	3520	2	3	0	0	3	3	3	1	1	1	1	2.0	0.0	HEM(1)
92-37	22.00	25.04	7212	1	0	0	0	1	1	1	0	2	0	0	0.0	0.0	
92-37	25.04	26.82	3520	2	1	0	0	3	3	3	0	1	2	0	1.0	0.0	
92-37	26.82	40.93	7512	2	1	0	0	1	1	2	0	3	1	0	0.2	0.0	HEM(1)
92-37	40.93	43.28	3520	1	1	0	0	2	2	2	0	0	2	0	0.5	0.0	HEM(1)
92-37	43.28	55.15	7512	3	0	0	0	1	1	3	0	3	1	0	0.1	0.0	HEM(1)
92-37	55.15	55.60	7700	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-37	55.60	70.35	3520	4	4	0	1	3	2	4	0	0	3	2	0.5	0.3	HEM(1)
92-37	70.35	87.40	3520	4	5	0	2	3	3	4	0	1	2	2	3.0	0.5	HEM(1)
92-37	87.40	102.80	3520	3	4	0	3	2	0	4	0	3	4	1	0.5	0.3	HEM(1)
92-37	102.80	104.20	3520	0	5	0	0	4	4	3	0	2	0	3	5.0	0.1	
92-37	104.20	127.70	3520	3	4	0	2	1	1	4	0	1	4	3	1.0	0.2	
92-37	127.70	138.00	3520	1	4	0	1	3	3	3	0	0	1	1	3.0	0.3	
92-37	138.00	143.50	3520	3	4	0	2	1	1	3	0	1	3	2	0.5	0.2	
92-37	143.50	147.52	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-37	147.52	148.50	3520	3	4	0	2	1	1	3	0	1	3	2	0.5	0.2	
92-37	148.50	171.00	3520	3	3	0	2	3	3	3	0	2	2	2	1.0	0.1	
92-37	171.00	178.61	3520	1	3	0	2	3	2	3	0	2	2	1	1.0	0.0	HEM(1)
92-37	178.61	180.75	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	

PINE GEOLGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
92-38	0.00	14.02	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-38	14.02	14.33	5321	0	1	0	0	2	0	1	0	0	2	0	1.5	0.3	
92-38	14.33	20.55	5321	0	2	0	1	4	1	0	0	0	1	1	3.0	0.2	
92-38	20.55	23.47	5321	0	1	0	0	2	0	1	0	0	4	1	1.0	0.8	
92-38	23.47	28.00	5321	0	1	0	0	4	1	0	0	0	0	0	3.0	0.4	CC (1)
92-38	28.00	30.30	5321	0	1	0	0	1	0	2	0	1	2	0	1.5	0.5	
92-38	30.30	32.25	5321	0	2	0	1	3	0	0	0	0	1	0	3.0	0.4	
92-38	32.25	44.10	5321	1	1	0	0	1	0	1	0	0	2	1	2.0	0.5	HEM(1), MOS2(
92-38	44.10	53.50	7512	3	0	0	0	0	0	1	0	0	1	0	0.5	0.1	
92-38	53.50	91.14	5321	0	1	0	0	1	1	1	0	0	3	2	2.0	0.3	
92-38	91.14	95.10	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-38	95.10	111.86	5321	0	3	0	2	1	1	1	0	0	3	3	2.0	0.4	MOS2(1)
92-38	111.86	114.91	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-38	114.91	116.43	5321	0	3	0	2	1	1	1	0	0	3	3	2.0	0.4	MOS2(1)
92-38	116.43	117.96	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-38	117.96	121.01	5321	0	3	0	2	1	1	1	0	0	3	3	2.0	0.4	MOS2(1)
92-38	121.01	122.53	200	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-38	122.53	145.50	5321	0	3	0	3	1	0	1	0	0	3	3	2.0	0.3	GYP(2)
92-38	145.50	165.00	5321	0	2	0	2	2	0	1	0	0	3	2	2.0	0.3	GYP(3)
92-38	165.00	166.95	5321	0	1	0	2	5	0	2	0	0	1	1	4.0	0.1	GYP(3)
92-38	166.95	172.40	5321	0	1	0	1	1	0	1	0	0	3	1	2.0	0.2	GYP(4)
92-38	172.40	175.70	5321	0	3	0	3	3	0	1	0	0	1	1	4.0	0.4	GYP(1)
92-38	175.70	178.00	5321	0	1	0	2	1	0	1	0	0	5	0	2.0	0.2	GYP(3)
92-38	178.00	188.00	5321	1	4	1	2	2	0	1	0	0	1	1	4.0	0.3	GYP(1)
92-38	188.00	192.15	5321	0	1	0	2	1	0	2	0	0	3	1	2.0	0.2	GYP(3)
92-38	192.15	198.73	7202	0	0	0	0	0	0	2	1	1	2	0	0.5	0.0	

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
92-39	0.00	12.20	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-39	12.20	15.48	7200	1	2	0	0	1	1	1	2	0	0	1	0.0	0.0	
92-39	15.48	18.76	5321	1	4	0	5	2	2	3	2	0	4	4	1.0	0.5	HEM(3)
92-39	18.76	21.95	7200	1	1	0	0	0	1	1	2	0	0	0	0.0	0.0	
92-39	21.95	23.16	7511	2	0	0	0	3	2	0	2	0	0	0	0.2	0.0	
92-39	23.16	26.80	7522	2	0	0	0	3	2	0	2	0	0	0	0.2	0.0	
92-39	26.80	37.70	5321	2	4	0	5	1	1	2	2	2	5	4	2.0	0.5	
92-39	37.70	40.23	5321	3	4	0	5	1	1	2	0	3	4	4	2.0	0.5	
92-39	40.23	47.65	5321	2	4	0	5	1	1	3	0	1	4	4	5.0	0.3	HEM(1)
92-39	47.65	49.80	7512	3	1	0	0	2	2	2	0	0	1	1	0.5	0.0	
92-39	49.80	52.50	7512	3	1	0	0	3	3	2	0	0	0	1	0.5	0.0	
92-39	52.50	57.20	7512	3	1	0	1	2	2	2	0	1	1	1	1.0	0.0	
92-39	57.20	60.15	7512	1	1	0	0	3	3	3	0	0	1	0	3.0	0.0	
92-39	60.15	61.97	7512	1	0	0	0	1	1	2	0	0	0	0	0.3	0.0	
92-39	61.97	67.32	5321	2	4	0	5	2	2	2	0	0	4	4	2.0	0.5	HEM(1)
92-39	67.32	68.75	5321	1	4	0	5	2	2	1	0	1	4	3	4.0	0.5	HEM(2)
92-39	68.75	71.63	5321	1	4	0	5	2	2	1	0	1	4	3	4.0	0.5	HEM(2)
92-39	71.63	76.50	5321	1	4	0	5	1	0	1	0	1	4	3	1.0	0.5	HEM(1)
92-39	76.50	77.80	5321	1	4	0	5	1	2	4	0	1	4	4	5.0	0.5	HEM(1)
92-39	77.80	81.72	5321	1	5	0	5	2	2	1	0	1	5	3	2.0	0.7	
92-39	81.72	82.53	5321	1	5	0	5	3	1	3	0	2	4	3	5.0	0.5	BO(.5)
92-39	82.53	83.35	7512	2	1	0	2	3	1	3	0	3	0	0	0.2	0.2	
92-39	83.35	89.00	5321	1	4	0	5	2	1	3	0	2	4	4	4.0	0.5	
92-39	89.00	95.25	5321	2	5	0	5	2	1	1	0	2	5	5	2.0	1.0	HEM(1)
92-39	95.25	98.65	5321	1	4	0	5	0	0	1	0	0	4	3	3.0	1.0	HEM(1)
92-39	98.65	100.40	5321	2	4	0	5	1	1	2	0	0	5	3	3.0	0.5	HEM(1)
92-39	100.40	105.79	5321	2	4	0	5	2	2	2	0	1	4	4	2.0	0.5	HEM(1) BO(1)
92-39	105.79	108.03	5321	1	3	0	5	2	2	4	0	1	3	2	2.0	0.2	HEM(1)
92-39	108.03	111.88	7522	3	3	0	2	1	1	3	0	0	3	2	2.0	0.5	HEM(1)
92-39	111.88	127.20	5321	3	3	0	5	1	1	2	0	2	3	2	2.0	0.5	HEM(1)
92-39	127.20	137.77	5321	2	4	0	5	1	1	2	0	2	4	3	2.0	0.7	HEM(1) BO(1)
92-39	137.77	139.45	5321	3	3	0	5	1	1	3	0	1	3	2	3.0	0.5	
92-39	139.45	143.18	5321	2	4	0	5	0	0	2	0	2	3	2	1.0	0.3	
92-39	143.18	149.10	7512	2	2	0	2	0	0	3	0	1	3	0	2.0	0.2	
92-39	149.10	150.33	5321	1	3	0	5	1	1	3	0	1	2	3	1.0	0.2	
92-39	150.33	151.18	5321	1	5	0	5	0	0	1	0	2	2	1	5.0	0.2	
92-39	151.18	164.20	5321	1	3	0	4	1	1	3	0	1	3	2	3.0	0.3	
92-39	164.20	171.30	5321	3	4	0	5	2	2	3	0	1	3	2	3.0	0.2	
92-39	171.30	174.35	9532	0	0	0	0	0	5	0	0	0	0	0	0.0	0.0	
92-39	174.35	179.22	5321	3	3	0	5	3	3	3	0	1	2	2	3.0	0.0	
92-39	179.22	184.70	5321	3	3	0	5	3	3	4	0	1	3	1	3.0	0.0	
92-39	184.70	188.15	5321	3	4	0	5	1	1	4	0	1	4	3	5.0	0.2	
92-39	188.15	191.60	5321	3	4	0	5	3	3	4	0	1	3	2	2.0	0.1	
92-39	191.60	201.78	5321	3	3	0	5	2	2	3	0	1	3	1	2.0	0.1	

PINE GEOLOGICAL DATA

HOLE ID	FROM (m)	TO (m)	ROCK	ZEOL	SIL	BI	KSP	SER	CLAY	CHL	CARB	EP	MT	STK	PY%	CPY%	OTHER
92-40	0.00	14.02	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	
92-40	14.02	21.45	5321	0	5	0	0	2	1	2	0	0	2	1	3.0	0.2	HEM(1)
92-40	21.45	29.57	5321	0	3	0	0	4	1	0	0	0	0	2	4.0	0.2	CC(1)
92-40	29.57	32.61	5321	0	4	0	0	1	0	1	0	0	4	1	2.0	0.3	HEM(1)
92-40	32.61	35.66	5321	0	2	0	0	3	0	0	0	0	0	1	4.0	0.3	CC(1)
92-40	35.66	46.90	5321	0	1	0	0	1	0	1	0	0	3	1	2.0	0.4	
92-40	46.90	49.25	5321	0	3	0	0	3	0	0	0	0	1	1	3.0	0.5	
92-40	49.25	54.55	7512	0	0	0	0	0	0	1	0	0	2	0	0.9	0.1	
92-40	54.55	56.75	5321	0	4	0	2	1	0	0	0	0	3	2	3.0	0.4	HEM(4)
92-40	56.75	61.27	5321	0	4	0	1	3	0	1	0	0	1	4	4.0	0.6	
92-40	61.27	62.90	5321	0	3	0	1	1	0	1	0	0	4	2	3.0	0.3	MOS2(1)
92-40	62.90	64.10	5321	0	3	0	2	2	0	0	0	0	2	3	3.0	0.7	
92-40	64.10	66.00	5321	0	3	0	1	2	0	1	0	0	4	1	3.0	0.3	
92-40	66.00	75.00	5321	0	2	0	1	2	0	1	0	0	1	1	3.0	0.4	CC(1)
92-40	75.00	107.29	5321	0	3	0	2	2	0	1	0	0	3	2	3.0	0.4	
92-40	107.29	140.00	5321	0	1	0	0	2	0	1	0	0	2	1	3.0	0.2	
92-40	140.00	163.00	7512	0	0	0	0	0	0	2	2	2	1	0	0.4	0.0	
92-40	163.00	167.70	5321	0	0	0	0	3	1	2	0	0	1	1	2.0	0.1	GYP(2)
92-40	167.70	170.80	7600	0	0	0	0	2	0	2	0	0	2	0	0.4	0.0	GYP(2)
92-40	170.80	182.65	5321	0	1	0	2	3	1	2	0	1	2	0	2.0	0.1	GYP(2)
92-40	182.65	187.70	7512	0	0	0	0	1	1	1	0	1	2	0	0.4	0.0	GYP(1)
92-40	187.70	191.25	7600	0	0	0	0	0	0	2	0	0	2	0	0.4	0.0	GYP(1)
92-40	191.25	200.26	7512	0	0	0	0	0	0	1	0	3	2	0	0.4	0.0	GYP(1)

**Part (iv)**

**Recovery Data (all diamond drill holes)**

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

<b>HOLE NUMBER</b>	<b>FROM (m)</b>	<b>TO (m)</b>	<b>INTERVAL (m)</b>	<b>REC (m)</b>	<b>REC %</b>
79-1	NO RECOVERY DATA AVAILABLE				
79-2	0.0	1.8	1.8	O/B	O/B
79-2	1.8	51.0	49.2	22.1	45
79-2	51.0	102.0	51.0	45.9	90
79-2	102.0	127.5	25.5	15.3	60
79-2	127.5	211.2	83.7	83.7	100
79-3	0.0	1.8	1.8	0.0	O/B
79-3	1.8	11.8	10.0	9.0	90
79-3	11.8	16.8	5.0	5.0	100
79-3	16.8	68.5	51.7	31.0	60
79-3	68.5	147.0	78.5	70.7	90
79-3	147.0	177.5	30.5	NA	NA
80-4	0.00	7.32	7.32	0.0	O/B
80-4	7.32	17.40	10.08	3.5	35
80-4	17.40	18.90	1.50	0.0	0
80-4	18.90	20.40	1.50	0.5	35
80-4	20.40	26.50	6.10	0.0	0
80-4	26.50	27.40	0.90	0.3	35
80-4	27.40	28.00	0.60	0.0	0
80-4	28.00	32.60	4.60	1.6	35
80-4	32.60	44.20	11.60	4.6	40
80-4	44.20	51.80	7.60	4.6	60
80-4	51.80	60.10	8.30	2.5	30
80-4	60.10	69.20	9.10	4.6	50
80-4	69.20	78.40	9.20	5.5	60
80-4	78.40	79.90	1.50	0.0	0
80-4	79.90	84.60	4.70	1.9	40
80-4	84.60	98.20	13.60	6.8	50
80-5	0.00	3.35	3.35	0.0	O/B
80-5	3.35	14.90	11.55	6.9	60
80-5	14.90	16.00	1.10	0.7	60
80-5	16.00	22.00	6.00	3.6	60
80-5	22.00	28.00	6.00	0.6	10
80-5	28.00	99.60	71.60	71.6	100
80-6	0.00	2.00	2.00	0.0	O/B
80-6	2.00	5.50	3.50	3.5	100
80-6	5.50	12.80	7.30	5.8	80
80-6	12.80	13.30	0.50	0.5	100
80-6	13.30	23.00	9.70	8.2	85
80-6	23.00	23.30	0.30	NA	NA
80-6	23.30	102.70	79.40	79.4	100

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

<b>HOLE NUMBER</b>	<b>FROM (m)</b>	<b>TO (m)</b>	<b>INTERVAL (m)</b>	<b>REC (m)</b>	<b>REC %</b>
80-7	0.00	10.00	10.00	0.0	O/B
80-7	10.00	32.60	22.60	19.2	85
80-7	32.60	48.20	15.60	13.3	85
80-7	48.20	56.70	8.50	7.7	90
80-7	56.70	67.00	10.30	6.2	60
80-7	67.00	90.50	23.50	3.5	15
80-7	90.50	96.60	6.10	0.0	0
80-7	96.60	99.60	3.00	0.6	20

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
80-8	0.00	1.70	1.70	0.0	O/B
80-8	1.70	41.60	39.90	39.9	100
80-8	41.60	115.30	73.70	73.7	100
80-9	0.00	6.50	6.50	0.0	O/B
80-9	6.50	11.80	5.30	4.2	80
80-9	11.80	13.10	1.30	1.3	100
80-9	13.10	22.00	8.90	6.7	75
80-9	22.00	44.10	22.10	15.5	70
80-9	44.10	46.30	2.20	NA	NA
80-9	46.30	51.80	5.50	5.0	90
80-9	51.80	76.40	24.60	NA	NA
80-9	76.40	92.10	15.70	8.6	55
80-10	0.00	3.00	3.00	0.0	O/B
80-10	3.00	9.80	6.80	6.8	100
80-10	9.80	19.20	9.40	1.4	15
80-10	19.20	26.50	7.30	NA	NA
80-10	26.50	48.80	22.30	3.3	15
80-10	48.80	67.70	18.90	16.1	85
80-10	67.70	73.80	6.10	4.6	75
80-10	73.80	92.00	18.20	10.0	55
80-10	92.00	97.90	5.90	0.0	0
80-11	0.00	6.50	6.50	0.0	O/B
80-11	6.50	34.10	27.60	19.3	70
80-11	34.10	37.50	3.40	2.7	80
80-11	37.50	43.60	6.10	4.9	80
80-11	43.60	52.40	8.80	4.4	50
80-11	52.40	72.20	19.80	4.0	20
80-11	72.20	79.80	7.60	0.0	0
80-11	79.80	87.40	7.60	1.5	20
80-11	87.40	90.50	3.10	0.3	10
80-12	0.00	9.60	9.60	0.0	O/B
80-12	9.60	92.00	82.40	61.8	75
80-13	0.00	21.80	21.80	0.0	O/B
80-13	21.80	30.50	8.70	7.0	80
80-13	30.50	40.80	10.30	1.5	15
80-13	40.80	58.50	17.70	14.2	80
80-13	58.50	68.50	10.00	4.0	40
80-13	68.50	69.20	0.70	0.7	100
80-13	69.20	72.30	3.10	0.9	30
80-13	72.30	73.80	1.50	0.0	0
80-13	73.80	79.90	6.10	1.8	30
80-13	79.90	82.90	3.00	0.0	0



**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

<b>HOLE NUMBER</b>	<b>FROM (m)</b>	<b>TO (m)</b>	<b>INTERVAL (m)</b>	<b>REC (m)</b>	<b>REC %</b>
80-13	82.90	94.20	11.30	6.8	60

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-37	0.00	14.02	14.02	0	O/B
92-37	14.02	15.54	1.52	1.40	92
92-37	15.54	17.07	1.53	1.53	100
92-37	17.07	18.59	1.52	1.20	79
92-37	18.59	20.12	1.53	1.53	100
92-37	20.12	21.64	1.52	1.52	100
92-37	21.64	23.16	1.52	1.52	100
92-37	23.16	24.23	1.07	0.83	78
92-37	24.23	24.99	0.76	0.48	63
92-37	24.99	25.91	0.92	0.80	87
92-37	25.91	26.82	0.91	0.90	99
92-37	26.82	28.04	1.22	1.00	82
92-37	28.04	29.57	1.53	1.53	100
92-37	29.57	31.09	1.52	1.50	99
92-37	31.09	32.61	1.52	1.52	100
92-37	32.61	34.14	1.53	1.43	93
92-37	34.14	35.66	1.52	1.52	100
92-37	35.66	37.19	1.53	1.49	97
92-37	37.19	38.71	1.52	1.47	97
92-37	38.71	40.23	1.52	1.40	92
92-37	40.23	41.76	1.53	1.34	88
92-37	41.76	43.28	1.52	1.46	96
92-37	43.28	46.33	3.05	3.00	98
92-37	46.33	47.85	1.52	1.52	100
92-37	47.85	49.38	1.53	1.45	95
92-37	49.38	50.90	1.52	1.45	95
92-37	50.90	52.12	1.22	1.10	90
92-37	52.12	53.65	1.53	1.40	92
92-37	53.65	55.17	1.52	1.50	99
92-37	55.17	55.47	0.30	0.30	100
92-37	55.47	57.00	1.53	1.50	98
92-37	57.00	58.52	1.52	1.47	97
92-37	58.52	60.05	1.53	1.44	94
92-37	60.05	60.96	0.91	0.91	100
92-37	60.96	62.18	1.22	1.05	86
92-37	62.18	63.70	1.52	1.44	95
92-37	63.70	65.23	1.53	1.45	95
92-37	65.23	66.75	1.52	1.40	92
92-37	66.75	68.28	1.53	1.53	100
92-37	68.28	69.80	1.52	1.50	99
92-37	69.80	71.32	1.52	1.40	92
92-37	71.32	72.85	1.53	1.44	94
92-37	72.85	73.76	0.91	0.60	66
92-37	73.76	75.29	1.53	1.47	96
92-37	75.29	76.81	1.52	1.33	88
92-37	76.81	78.33	1.52	1.52	100
92-37	78.33	79.86	1.53	1.46	95

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-37	79.86	81.38	1.52	1.37	90
92-37	81.38	82.91	1.53	1.40	92
92-37	82.91	84.43	1.52	1.37	90
92-37	84.43	85.95	1.52	1.52	100
92-37	85.95	87.48	1.53	1.45	95
92-37	87.48	88.70	1.22	1.12	92
92-37	88.70	90.22	1.52	1.45	95
92-37	90.22	92.05	1.83	1.74	95
92-37	92.05	93.57	1.52	1.35	89
92-37	93.57	95.10	1.53	1.45	95
92-37	95.10	96.01	0.91	0.90	99
92-37	96.01	97.54	1.53	1.44	94
92-37	97.54	99.06	1.52	1.30	86
92-37	99.06	100.28	1.22	1.08	89
92-37	100.28	101.19	0.91	0.75	82
92-37	101.19	102.72	1.53	0.83	54
92-37	102.72	104.24	1.52	1.30	86
92-37	104.24	105.77	1.53	1.37	90
92-37	105.77	106.68	0.91	0.91	100
92-37	106.68	107.90	1.22	1.05	86
92-37	107.90	108.81	0.91	0.91	100
92-37	108.81	110.03	1.22	1.12	92
92-37	110.03	111.56	1.53	1.53	100
92-37	111.56	113.39	1.83	1.61	88
92-37	113.39	114.61	1.22	1.12	92
92-37	114.61	115.22	0.61	0.56	92
92-37	115.22	116.44	1.22	0.93	76
92-37	116.44	117.04	0.60	0.37	62
92-37	117.04	117.65	0.61	0.46	75
92-37	117.65	118.57	0.92	0.92	100
92-37	118.57	119.48	0.91	0.71	78
92-37	119.48	120.09	0.61	0.53	87
92-37	120.09	121.31	1.22	1.22	100
92-37	121.31	122.53	1.22	1.02	84
92-37	122.53	123.45	0.92	0.63	68
92-37	123.45	124.06	0.61	0.41	67
92-37	124.06	125.58	1.52	0.76	50
92-37	125.58	127.10	1.52	1.20	79
92-37	127.10	127.71	0.61	0.21	34
92-37	127.71	129.24	1.53	0.84	55
92-37	129.24	130.15	0.91	0.35	38
92-37	130.15	131.68	1.53	0.69	45
92-37	131.68	136.53	4.85	1.54	32
92-37	136.53	137.77	1.24	1.24	100
92-37	137.77	139.30	1.53	1.50	98
92-37	139.30	139.90	0.60	0.17	28
92-37	139.90	141.43	1.53	0.31	20

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

<b>HOLE NUMBER</b>	<b>FROM (m)</b>	<b>TO (m)</b>	<b>INTERVAL (m)</b>	<b>REC (m)</b>	<b>REC %</b>
92-37	141.43	142.34	0.91	0.24	26
92-37	142.34	143.50	1.16	0.31	27
92-37	143.50	147.52	4.02	0.00	0
92-37	147.52	148.44	0.92	0.05	5
92-37	148.44	149.96	1.52	0.95	62
92-37	149.96	151.49	1.53	1.09	71
92-37	151.49	153.01	1.52	1.52	100
92-37	153.01	154.54	1.53	1.45	95
92-37	154.54	156.06	1.52	1.47	97
92-37	156.06	157.58	1.52	1.39	91
92-37	157.58	159.11	1.53	1.27	83
92-37	159.11	160.63	1.52	1.48	97
92-37	160.63	162.16	1.53	1.35	88
92-37	162.16	163.68	1.52	1.47	97
92-37	163.68	165.20	1.52	1.25	82
92-37	165.20	166.73	1.53	1.43	93
92-37	166.73	168.25	1.52	1.25	82
92-37	168.25	169.78	1.53	1.50	98
92-37	169.78	171.30	1.52	1.50	99
92-37	171.30	172.52	1.22	1.22	100
92-37	172.52	173.43	0.91	0.84	92
92-37	173.43	174.35	0.92	0.92	100
92-37	174.35	175.87	1.52	1.52	100
92-37	175.87	177.40	1.53	1.31	86
92-37	177.40	178.61	1.21	0.98	81
92-37	178.61	180.75	2.14	0.00	0

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-38	0.00	14.02	14.02	0.00	O/B
92-38	14.02	15.54	1.52	1.20	79
92-38	15.54	17.07	1.53	1.50	98
92-38	17.07	18.90	1.83	1.63	89
92-38	18.90	20.42	1.52	1.50	99
92-38	20.42	21.34	0.92	0.70	76
92-38	21.34	23.47	2.13	1.40	66
92-38	23.47	24.99	1.52	1.20	79
92-38	24.99	26.52	1.53	1.25	82
92-38	26.52	27.74	1.22	1.10	90
92-38	27.74	29.87	2.13	1.80	85
92-38	29.87	30.18	0.31	0.30	97
92-38	30.18	32.00	1.82	1.20	66
92-38	32.00	33.53	1.53	1.30	85
92-38	33.53	34.44	0.91	0.90	99
92-38	34.44	35.66	1.22	0.80	66
92-38	35.66	36.88	1.22	1.10	90
92-38	36.88	38.40	1.52	1.00	66
92-38	38.40	40.23	1.83	1.55	85
92-38	40.23	41.76	1.53	1.30	85
92-38	41.76	43.28	1.52	1.10	72
92-38	43.28	44.20	0.92	0.80	87
92-38	44.20	45.72	1.52	1.50	99
92-38	45.72	47.24	1.52	1.50	99
92-38	47.24	48.77	1.53	1.47	96
92-38	48.77	50.29	1.52	1.52	100
92-38	50.29	51.82	1.53	1.52	99
92-38	51.82	53.64	1.82	1.44	79
92-38	53.64	56.69	3.05	2.93	96
92-38	56.69	57.91	1.22	0.85	70
92-38	57.91	58.83	0.92	0.66	72
92-38	58.83	60.35	1.52	1.52	100
92-38	60.35	63.09	2.74	2.74	100
92-38	63.09	66.14	3.05	2.33	76
92-38	66.14	67.67	1.53	1.17	76
92-38	67.67	69.19	1.52	1.21	80
92-38	69.19	70.71	1.52	0.67	44
92-38	70.71	71.32	0.61	0.35	57
92-38	71.32	72.54	1.22	0.67	55
92-38	72.54	73.76	1.22	0.80	66
92-38	73.76	75.29	1.53	0.90	59
92-38	75.29	76.81	1.52	1.06	70
92-38	76.81	78.33	1.52	0.07	5
92-38	78.33	79.86	1.53	0.16	10
92-38	79.86	81.38	1.52	0.16	11
92-38	81.38	82.91	1.53	0.43	28
92-38	82.91	85.95	3.04	0.10	3

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-38	85.95	89.00	3.05	0.47	15
92-38	89.00	91.14	2.14	0.59	28
92-38	91.14	95.10	3.96	0.00	0
92-38	95.10	96.62	1.52	1.52	100
92-38	96.62	97.84	1.22	1.22	100
92-38	97.84	101.19	3.35	2.37	71
92-38	101.19	102.71	1.52	0.77	51
92-38	102.71	104.24	1.53	0.34	22
92-38	104.24	106.38	2.14	0.85	40
92-38	106.38	107.89	1.51	0.32	21
92-38	107.89	111.86	3.97	1.18	30
92-38	111.86	113.39	1.53	0.00	0
92-38	113.39	114.91	1.52	0.00	0
92-38	114.91	116.43	1.52	0.50	33
92-38	116.43	117.96	1.53	0.00	0
92-38	117.96	119.48	1.52	1.17	77
92-38	119.48	121.01	1.53	1.00	65
92-38	121.01	122.53	1.52	0.00	0
92-38	122.53	124.05	1.52	1.34	88
92-38	124.05	125.58	1.53	1.33	87
92-38	125.58	127.10	1.52	1.52	100
92-38	127.10	128.02	0.92	0.87	95
92-38	128.02	129.54	1.52	1.56	103
92-38	129.54	131.06	1.52	1.52	100
92-38	131.06	132.59	1.53	1.40	92
92-38	132.59	134.42	1.83	1.70	93
92-38	134.42	135.94	1.52	1.54	101
92-38	135.94	137.77	1.83	1.61	88
92-38	137.77	139.29	1.52	1.47	97
92-38	139.29	140.82	1.53	1.62	106
92-38	140.82	142.34	1.52	1.56	103
92-38	142.34	143.87	1.53	1.53	100
92-38	143.87	145.39	1.52	1.52	100
92-38	145.39	146.92	1.53	1.53	100
92-38	146.92	148.44	1.52	1.52	100
92-38	148.44	149.96	1.52	1.52	100
92-38	149.96	151.49	1.53	1.53	100
92-38	151.49	153.01	1.52	1.52	100
92-38	153.01	154.54	1.53	1.53	100
92-38	154.54	156.06	1.52	1.52	100
92-38	156.06	157.58	1.52	1.52	100
92-38	157.58	159.11	1.53	1.53	100
92-38	159.11	160.63	1.52	1.52	100
92-38	160.63	162.15	1.52	1.52	100
92-38	162.15	163.68	1.53	1.53	100
92-38	163.68	165.20	1.52	1.52	100
92-38	165.20	168.25	3.05	3.05	100

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

<b>HOLE NUMBER</b>	<b>FROM (m)</b>	<b>TO (m)</b>	<b>INTERVAL (m)</b>	<b>REC (m)</b>	<b>REC %</b>
92-38	168.25	169.77	1.52	1.52	100
92-38	169.77	171.30	1.53	1.53	100
92-38	171.30	172.82	1.52	1.52	100
92-38	172.82	174.35	1.53	1.53	100
92-38	174.35	175.87	1.52	1.52	100
92-38	175.87	178.92	3.05	3.05	100
92-38	178.92	180.44	1.52	1.52	100
92-38	180.44	181.97	1.53	1.53	100
92-38	181.97	183.49	1.52	1.52	100
92-38	183.49	185.07	1.58	1.58	100
92-38	185.07	186.54	1.47	1.47	100
92-38	186.54	188.06	1.52	1.52	100
92-38	188.06	189.59	1.53	1.53	100
92-38	189.59	191.11	1.52	1.52	100
92-38	191.11	192.63	1.52	1.53	101
92-38	192.63	193.85	1.22	1.10	90
92-38	193.85	195.38	1.53	1.30	85
92-38	195.38	197.21	1.83	1.70	93
92-38	197.21	198.73	1.52	1.50	99

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-39	0.00	12.19	12.19	0.00	O/B
92-39	12.19	14.02	1.83	1.48	81
92-39	14.02	15.54	1.52	1.35	89
92-39	15.54	15.85	0.31	0.31	100
92-39	15.85	16.76	0.91	0.90	99
92-39	16.76	18.59	1.83	1.10	60
92-39	18.59	20.12	1.53	1.43	93
92-39	20.12	23.16	3.04	1.40	46
92-39	23.16	24.99	1.83	1.45	79
92-39	24.99	26.82	1.83	0.71	39
92-39	26.82	27.74	0.92	0.72	78
92-39	27.74	29.26	1.52	0.93	61
92-39	29.26	29.87	0.61	0.36	59
92-39	29.87	31.09	1.22	1.05	86
92-39	31.09	32.61	1.52	1.15	76
92-39	32.61	34.14	1.53	1.25	82
92-39	34.14	35.66	1.52	1.07	70
92-39	35.66	37.19	1.53	1.20	78
92-39	37.19	38.71	1.52	1.15	76
92-39	38.71	40.23	1.52	0.66	43
92-39	40.23	41.76	1.53	1.50	98
92-39	41.76	43.28	1.52	0.80	53
92-39	43.28	44.81	1.53	0.95	62
92-39	44.81	46.33	1.52	1.25	82
92-39	46.33	47.85	1.52	1.15	76
92-39	47.85	49.38	1.53	1.46	95
92-39	49.38	50.90	1.52	1.15	76
92-39	50.90	52.43	1.53	0.86	56
92-39	52.43	53.95	1.52	1.41	93
92-39	53.95	55.47	1.52	1.45	95
92-39	55.47	57.00	1.53	1.52	99
92-39	57.00	58.52	1.52	1.25	82
92-39	58.52	60.05	1.53	1.52	99
92-39	60.05	61.57	1.52	1.10	72
92-39	61.57	63.09	1.52	1.36	89
92-39	63.09	64.62	1.53	1.00	65
92-39	64.62	66.14	1.52	1.52	100
92-39	66.14	67.67	1.53	1.45	95
92-39	67.67	68.58	0.91	0.70	77
92-39	68.58	70.10	1.52	1.52	100
92-39	70.10	71.63	1.53	1.50	98
92-39	71.63	73.15	1.52	1.52	100
92-39	73.15	73.76	0.61	0.32	52
92-39	73.76	75.29	1.53	1.28	84
92-39	75.29	76.81	1.52	1.17	77
92-39	76.81	78.33	1.52	1.51	99
92-39	78.33	79.86	1.53	1.30	85



**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-39	79.86	81.38	1.52	1.52	100
92-39	81.38	82.91	1.53	1.50	98
92-39	82.91	84.43	1.52	1.40	92
92-39	84.43	85.95	1.52	1.25	82
92-39	85.95	87.48	1.53	1.53	100
92-39	87.48	89.00	1.52	1.52	100
92-39	89.00	90.53	1.53	1.48	97
92-39	90.53	92.05	1.52	1.40	92
92-39	92.05	93.57	1.52	1.52	100
92-39	93.57	95.10	1.53	1.46	95
92-39	95.10	96.62	1.52	1.47	97
92-39	96.62	98.15	1.53	1.40	92
92-39	98.15	99.67	1.52	1.45	95
92-39	99.67	101.19	1.52	1.52	100
92-39	101.19	102.72	1.53	1.50	98
92-39	102.72	104.24	1.52	1.40	92
92-39	104.24	104.85	0.61	0.45	74
92-39	104.85	106.38	1.53	1.47	96
92-39	106.38	107.29	0.91	0.80	88
92-39	107.29	108.81	1.52	1.36	89
92-39	108.81	110.34	1.53	1.43	93
92-39	110.34	111.86	1.52	1.48	97
92-39	111.86	113.39	1.53	1.50	98
92-39	113.39	114.91	1.52	1.35	89
92-39	114.91	116.43	1.52	1.44	95
92-39	116.43	117.96	1.53	1.53	100
92-39	117.96	119.48	1.52	1.35	89
92-39	119.48	121.01	1.53	1.23	80
92-39	121.01	122.53	1.52	1.40	92
92-39	122.53	124.03	1.50	1.45	97
92-39	124.03	125.58	1.55	1.42	92
92-39	125.58	127.10	1.52	1.36	89
92-39	127.10	128.63	1.53	1.48	97
92-39	128.63	130.15	1.52	1.34	88
92-39	130.15	131.67	1.52	1.32	87
92-39	131.67	133.20	1.53	1.37	90
92-39	133.20	134.72	1.52	1.45	95
92-39	134.72	136.25	1.53	1.50	98
92-39	136.25	137.77	1.52	1.41	93
92-39	137.77	138.38	0.61	0.50	82
92-39	138.38	139.60	1.22	0.90	74
92-39	139.60	140.82	1.22	1.22	100
92-39	140.82	141.73	0.91	0.91	100
92-39	141.73	143.26	1.53	1.49	97
92-39	143.26	145.08	1.82	1.47	81
92-39	145.08	146.61	1.53	1.30	85
92-39	146.61	148.13	1.52	1.40	92

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-39	148.13	149.66	1.53	1.42	93
92-39	149.66	151.18	1.52	1.50	99
92-39	151.18	152.70	1.52	1.20	79
92-39	152.70	153.93	1.23	1.23	100
92-39	153.93	155.14	1.21	1.21	100
92-39	155.14	156.67	1.53	1.53	100
92-39	156.67	158.19	1.52	1.52	100
92-39	158.19	159.11	0.92	0.47	51
92-39	159.11	160.63	1.52	1.30	86
92-39	160.63	162.15	1.52	1.00	66
92-39	162.15	163.68	1.53	1.31	86
92-39	163.68	165.20	1.52	1.00	66
92-39	165.20	166.73	1.53	0.86	56
92-39	166.73	168.25	1.52	0.80	53
92-39	168.25	170.38	2.13	0.85	40
92-39	170.38	171.30	0.92	0.16	17
92-39	171.30	173.13	1.83	0.12	7
92-39	173.13	174.35	1.22	0.20	16
92-39	174.35	175.87	1.52	0.18	12
92-39	175.87	177.09	1.22	0.36	30
92-39	177.09	178.61	1.52	0.22	14
92-39	178.61	179.22	0.61	0.15	25
92-39	179.22	180.44	1.22	1.22	100
92-39	180.44	181.97	1.53	1.20	78
92-39	181.97	182.59	0.62	0.22	35
92-39	182.59	183.49	0.90	0.80	89
92-39	183.49	185.01	1.52	1.25	82
92-39	185.01	186.54	1.53	1.37	90
92-39	186.54	188.06	1.52	1.30	86
92-39	188.06	189.59	1.53	1.33	87
92-39	189.59	191.11	1.52	1.00	66
92-39	191.11	192.63	1.52	1.42	93
92-39	192.63	194.16	1.53	1.47	96
92-39	194.16	195.68	1.52	1.20	79
92-39	195.68	197.21	1.53	1.40	92
92-39	197.21	198.73	1.52	1.34	88
92-39	198.73	200.25	1.52	1.52	100
92-39	200.25	201.78	1.53	1.20	78

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-40	0.00	14.02	14.02	0.00	O/B
92-40	14.02	15.84	1.82	1.35	74
92-40	15.84	17.37	1.53	1.50	98
92-40	17.37	18.90	1.53	0.20	13
92-40	18.90	20.42	1.52	1.09	72
92-40	20.42	21.95	1.53	1.04	68
92-40	21.95	23.47	1.52	1.50	99
92-40	23.47	24.99	1.52	1.00	66
92-40	24.99	26.52	1.53	1.26	82
92-40	26.52	28.04	1.52	1.14	75
92-40	28.04	29.57	1.53	1.15	75
92-40	29.57	31.09	1.52	1.49	98
92-40	31.09	32.67	1.58	0.75	47
92-40	32.67	34.14	1.47	0.35	24
92-40	34.14	35.66	1.52	1.50	99
92-40	35.66	37.19	1.53	1.33	87
92-40	37.19	38.71	1.52	0.08	5
92-40	38.71	39.62	0.91	0.60	66
92-40	39.62	40.23	0.61	0.61	100
92-40	40.23	40.84	0.61	0.39	64
92-40	40.84	42.37	1.53	0.95	62
92-40	42.37	43.89	1.52	0.78	51
92-40	43.89	45.42	1.53	1.43	93
92-40	45.42	46.94	1.52	0.84	55
92-40	46.94	49.07	2.13	0.98	46
92-40	49.07	50.60	1.53	1.45	95
92-40	50.60	52.12	1.52	1.52	100
92-40	52.12	53.95	1.83	1.80	98
92-40	53.95	56.69	2.74	1.30	47
92-40	56.69	59.13	2.44	1.30	53
92-40	59.13	61.27	2.14	1.43	67
92-40	61.27	63.09	1.82	1.44	79
92-40	63.09	64.62	1.53	1.20	78
92-40	64.62	65.84	1.22	1.22	100
92-40	65.84	68.58	2.74	1.24	45
92-40	68.58	71.02	2.44	0.84	34
92-40	71.02	75.29	4.27	1.59	37
92-40	75.29	77.42	2.13	1.16	54
92-40	77.42	81.69	4.27	1.92	45
92-40	81.69	82.91	1.22	0.60	49
92-40	82.91	83.52	0.61	0.61	100
92-40	83.52	88.09	4.57	1.46	32
92-40	88.09	89.31	1.22	0.40	33
92-40	89.31	90.83	1.52	0.50	33
92-40	90.83	92.36	1.53	0.19	12
92-40	92.36	93.27	0.91	0.32	35
92-40	93.27	94.18	0.91	0.24	26

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

HOLE NUMBER	FROM (m)	TO (m)	INTERVAL (m)	REC (m)	REC %
92-40	94.18	95.71	1.53	0.12	8
92-40	95.71	97.23	1.52	0.30	20
92-40	97.23	98.15	0.92	0.13	14
92-40	98.15	101.50	3.35	0.15	4
92-40	101.50	105.46	3.96	0.22	6
92-40	105.46	107.29	1.83	0.12	7
92-40	107.29	108.81	1.52	0.21	14
92-40	108.81	110.34	1.53	0.32	21
92-40	110.34	111.86	1.52	0.15	10
92-40	111.86	113.39	1.53	0.49	32
92-40	113.39	114.91	1.52	0.24	16
92-40	114.91	115.83	0.92	0.60	65
92-40	115.83	116.74	0.91	0.30	33
92-40	116.74	117.96	1.22	0.12	10
92-40	117.96	119.48	1.52	0.17	11
92-40	119.48	121.01	1.53	0.11	7
92-40	121.01	122.53	1.52	0.30	20
92-40	122.53	124.06	1.53	0.45	29
92-40	124.06	125.58	1.52	0.16	11
92-40	125.58	127.10	1.52	0.30	20
92-40	127.10	128.63	1.53	0.13	8
92-40	128.63	130.15	1.52	0.21	14
92-40	130.15	131.68	1.53	0.14	9
92-40	131.68	133.81	2.13	0.67	31
92-40	133.81	134.72	0.91	0.52	57
92-40	134.72	136.25	1.53	0.57	37
92-40	136.25	137.77	1.52	0.55	36
92-40	137.77	138.38	0.61	0.27	44
92-40	138.38	139.60	1.22	0.66	54
92-40	139.60	141.12	1.52	1.52	100
92-40	141.12	142.65	1.53	1.46	95
92-40	142.65	144.17	1.52	1.44	95
92-40	144.17	145.39	1.22	1.10	90
92-40	145.39	146.92	1.53	1.45	95
92-40	146.92	148.44	1.52	1.40	92
92-40	148.44	149.96	1.52	1.34	88
92-40	149.96	151.49	1.53	1.40	92
92-40	151.49	153.01	1.52	1.48	97
92-40	153.01	154.54	1.53	1.30	85
92-40	154.54	156.06	1.52	1.30	86
92-40	156.06	157.58	1.52	1.30	86
92-40	157.58	159.11	1.53	1.45	95
92-40	159.11	160.63	1.52	1.45	95
92-40	160.63	162.16	1.53	1.05	69
92-40	162.16	163.68	1.52	1.37	90
92-40	163.68	165.20	1.52	1.50	99
92-40	165.20	166.73	1.53	1.47	96

**ROMULUS RESOURCES LTD.  
PINE PROJECT  
DRILL HOLE GEOTECHNICAL DATA**

<b>HOLE NUMBER</b>	<b>FROM (m)</b>	<b>TO (m)</b>	<b>INTERVAL (m)</b>	<b>REC (m)</b>	<b>REC %</b>
92-40	166.73	168.25	1.52	1.52	100
92-40	168.25	169.78	1.53	1.44	94
92-40	169.78	171.30	1.52	1.50	99
92-40	171.30	172.82	1.52	1.48	97
92-40	172.82	174.35	1.53	1.40	92
92-40	174.35	175.87	1.52	1.52	100
92-40	175.87	177.40	1.53	1.53	100
92-40	177.40	178.92	1.52	1.46	96
92-40	178.92	180.44	1.52	1.50	99
92-40	180.44	181.97	1.53	1.33	87
92-40	181.97	183.47	1.50	1.52	101
92-40	183.47	185.02	1.55	1.35	87
92-40	185.02	186.54	1.52	1.52	100
92-40	186.54	188.06	1.52	1.38	91
92-40	188.06	189.59	1.53	1.52	99
92-40	189.59	191.11	1.52	1.48	97
92-40	191.11	192.64	1.53	1.53	100
92-40	192.64	194.16	1.52	1.38	91
92-40	194.16	195.68	1.52	1.44	95
92-40	195.68	197.21	1.53	1.53	100
92-40	197.21	198.73	1.52	1.35	89
92-40	198.73	200.26	1.53	1.44	94

**APPENDIX D**  
**SOIL GEOCHEMICAL DATA**

**Part (i)**  
**Analytical Methods**

P1

**Sample Preparation:**

Soil, Silt, Sediments: - samples are drying at approx. 60°C over night, then sieve approx. 30 gm of -80 mesh.

Rock, cutting, core : - crush to approx. -3/16".  
If core sample then roller crush to +20 mesh. Split 250 gm, pulverize to -100 mesh.



pc

**Geochemical ICP analysis**

Digestion/ICP : .500 gm sample digested with 3ml aqua regia acid (3 HCL + 1HNO3 + 2H2O) at 95 C water bath for 1 hour, then diluted to 10 ml with H2O, finished by ICP.

Package : data can be print out as

1 element  
5 element  
10 element  
30 element

	detection
Hg	.1 ppm
Al, Ca, Fe, K, Mg, Na, Ti	.01 %
As, Au, B, Ba, Bi, La, Pb, Sb, Th, V	2 ppm
Co, Cr, Cu, Mn, Mo, Ni, Sr, W, Zn	1 ppm
P	.001 %
U	5 ppm
Cd	.2 ppm

P3

**Multi-Element Assay ICP**

**Digestion/ICP** : 1.000 gm sample digested with 75 ml aqua regia (3 HCL + 1 HNO3 + 2H2O) at 95 C water bath for one hour, then diluted to 250 ml with H2O, analysed by ICP.

These procedure include the following metals:

**Detection**

Mo, Cu, Ni, Co, Cd, Sb	.001 %
Pb, Zn, Mn, Fe, As, U, Th, Bi	.01 %
Ag	.01 oz/t

**Package** : from 1 element to 15 elements.

Au\* Analysis by Acid Leach/AA from 10 GM sample.

**Part (ii)**

**Soil Sample Numbers, Analytical  
Certificates and ICP Reports**

**ii (a) - Canyon Creek Grid**

**Acme File # 92-2665**



**GEOCHEMICAL ANALYSIS CERTIFICATE**



**Romulus Resources Ltd. PROJECT PINE** File # 92-2665 Page 1  
 920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.G. BOWEN

SAMPLE#	Mo ppm	Cu ppm	Au* ppb
8500N 10200E	2	29	4
8500N 10250E	1	17	3
8500N 10300E	1	17	3
8500N 10350E	1	22	7
8500N 10400E	1	10	9
8500N 10450E	1	23	7
8500N 10500E	1	16	2
8500N 10550E	1	9	3
8500N 10600E	1	13	3
8500N 10650E	1	20	6
8500N 10700E	1	24	24
8500N 10750E	1	21	5
8500N 10800E	1	17	4
8500N 10850E	1	10	3
8500N 10900E	1	506	10
8500N 10950E	2	120	11
8500N 11100E	3	22	5
8500N 11150E	1	20	60
8500N 11200E	1	18	4
8500N 11250E	1	14	3
8500N 11300E	1	24	3
8500N 11350E	1	19	2
8500N 11450E	1	14	8
8500N 11500E	1	10	1
8500N 11550E	1	6	2
8500N 11600E	1	4	4
8500N 11650E	1	15	31
8500N 11750E	1	24	20
8500N 11900E	5	15	3
RE 8500N 11550E	1	6	4
8500N 11950E	1	16	6
8500N 12000E	1	9	4
8200N 10100E	2	20	9
8200N 10150E	1	10	1
8200N 10200E	1	9	3
8200N 10250E	1	17	2
8200N 10300E	1	19	220
STANDARD C/AU-S	17	57	51

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AU. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 20 1992 DATE REPORT MAILED: *Aug 25/92* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Au* ppb
8200N 10350E	1	11	2
8200N 10400E	1	19	3
8200N 10450E	1	1	3
8200N 10500E	1	8	2
8200N 10550E	1	3	2
8200N 10600E	1	4	1
8200N 10650E	1	13	3
8200N 10700E	1	28	4
8200N 10750E	1	34	3
8200N 10800E	1	13	58
8200N 10850E	1	6	6
8200N 10900E	1	11	6
8200N 10950E	1	9	3
8200N 11000E	1	14	2
8200N 11050E	1	14	2
8200N 11100E	1	16	3
8200N 11150E	1	14	3
8200N 11200E	1	16	40
8200N 11250E	1	18	4
8200N 11300E	1	10	3
RE 8200N 11150E	1	14	5
8200N 11350E	1	15	2
8200N 11400E	1	15	2
8200N 11500E	1	6	4
8200N 11550E	1	30	3
8200N 11600E	3	14	1
8200N 11650E	2	8	1
8200N 11800E	3	74	4
8200N 11850E	4	191	7
8200N 11900E	1	39	5
8200N 11950E	2	8	10
8200N 12000E	1	4	4
7900N 10000E	1	12	289
7900N 10050E	1	12	8
7900N 10100E	1	21	8
7900N 10150E	2	14	4
7900N 10200E	3	18	4
STANDARD C/AU-S	19	56	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Au* ppb
7900N 10250E	2	21	2
7900N 10300E	1	18	2
7900N 10350E	1	12	4
7900N 10400E	1	16	8
7900N 10450E	1	10	3
7900N 10500E	1	44	1
7900N 10550E	1	12	14
7900N 10600E	2	24	23
7900N 10650E	3	8	2
7900N 10700E	3	21	3
7900N 10750E	5	28	5
7900N 10800E	1	34	4
7900N 10850E	1	14	3
7900N 10900E	1	14	5
7900N 10950E	1	14	3
7900N 11000E	1	15	3
7900N 11050E	1	14	2
7900N 11100E	1	11	1
7900N 11150E	1	18	3
7900N 11200E	1	16	5
7900N 11250E	1	19	2
7900N 11300E	1	8	1
7900N 11350E	1	19	284
7900N 11400E	1	30	8
7900N 11450E	1	22	6
7900N 11500E	1	10	16
7900N 11550E	1	11	5
7900N 11600E	1	28	4
RE 7900N 11400E	1	31	7
7900N 11650E	3	20	5
7900N 11700E	2	40	10
7900N 11750E	1	31	45
7900N 11800E	1	32	8
7900N 11950E	1	16	4
7900N 12000E	1	26	4
7600N 10000E	1	12	5
7600N 10050E	1	12	55
STANDARD C/AU-S	18	57	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Au* ppb
7600N 10100E	1	12	1
7600N 10150E	1	18	3
7600N 10200E	1	17	3
7600N 10250E	1	16	3
7600N 10300E	1	9	3
7600N 10350E	1	18	6
7600N 10400E	1	15	2
7600N 10450E	1	17	59
7600N 10500E	1	16	19
7600N 10550E	1	40	9
7600N 10600E	3	31	6
7600N 10650E	1	10	3
7600N 10700E	1	8	1
7600N 10750E	3	29	2
RE 7600N 10950E	1	14	2
7600N 10800E	1	13	3
7600N 10850E	1	25	3
7600N 10900E	1	19	8
7600N 10950E	2	14	5
7600N 11000E	1	37	7
7600N 11050E	1	20	5
7600N 11100E	1	16	3
7600N 11150E	1	18	3
7600N 11200E	1	14	130
7600N 11250E	1	10	7
7600N 11300E	1	16	5
7600N 11350E	1	16	8
7600N 11400E	1	17	14
7600N 11450E	1	18	5
7600N 11500E	1	16	5
7600N 11550E	1	13	4
7600N 11600E	1	10	3
7600N 11650E	1	15	38
7600N 11700E	1	7	5
7600N 11750E	1	13	16
7600N 11800E	1	15	5
7600N 11850E	1	11	5
STANDARD C/AU-S	18	56	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.





SAMPLE#	Mo ppm	Cu ppm	Au* ppb
7600N 11900E	2	15	4
7600N 11950E	2	18	7
7600N 12000E	1	20	26
RE 7600N 11900E	1	16	6

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**ii (b) - West Grid**

**Acme File # 92-2663**



**GEOCHEMICAL ANALYSIS CERTIFICATE**



**Romulus Resources Ltd. PROJECT PINE File # 92-2663 Page 1**

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.G. BOWEN

SAMPLE#	AU* ppb
13000N 7200E	4
13000N 7250E	3
13000N 7350E	4
13000N 7400E	4
13000N 7450E	7
13000N 7500E	5
13000N 7550E	5
13000N 7650E	4
13000N 7700E	4
13000N 7750E	7
13000N 7800E	7
13000N 7900E	3
13000N 7950E	9
13000N 8000E	1
13000N 8050E	3
13000N 8100E	1
13000N 8150E	60
13000N 8200E	3
13000N 8250E	94
13000N 8300E	4
13000N 8350E	4
13000N 8400E	7
13000N 8450E	7
13000N 8500E	13
13000N 8550E	4
13000N 8600E	10
13000N 8650E	47
13000N 8700E	10
12700N 7200E	15
RE 13000N 8550E	9
12700N 7250E	14
12700N 7500E	7
12700N 7550E	6
12700N 7600E	6
12700N 7650E	7
12700N 7700E	2
12700N 7800E	3
STANDARD AU-S	48

- SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 20 1992

DATE REPORT MAILED: Aug 25/92

SIGNED BY: *Chung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE #	AU* ppb
12700N 7850E	1
12700N 7950E	4
12700N 8000E	3
12700N 8050E	3
12700N 8100E	4
12700N 8150E	3
12700N 8200E	26
12700N 8250E	84
12700N 8300E	5
12700N 8350E	5
12700N 8400E	7
12700N 8450E	335
12700N 8500E	3
12700N 8550E	3
12700N 8600E	5
12700N 8650E	4
12400N 7200E	13
12400N 7250E	11
12400N 7300E	11
12400N 7350E	11
12400N 7400E	10
12400N 7450E	9
12400N 7500E	5
RE 12400N 7300E	7
12400N 7550E	4
12400N 7600E	4
12400N 7650E	8
12400N 7700E	8
12400N 7750E	9
12400N 7800E	2
12400N 7850E	10
12400N 7900E	6
12400N 7950E	8
12400N 8000E	7
12400N 8050E	9
12400N 8100E	7
12400N 8150E	7
STANDARD AU-S	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	AU* ppb
12400N 8200E	406
12400N 8250E	3
12400N 8300E	4
12400N 8350E	7
12400N 8400E	3
12400N 8450E	1
12400N 8500E	1
12400N 8550E	2
RE 12100N 7350E	2
12400N 8600E	4
12100N 7200E	6
12100N 7250E	7
12100N 7300E	4
12100N 7350E	4
12100N 7400E	2
12100N 7450E	3
12100N 7500E	59
12100N 7550E	60
12100N 7600E	8
12100N 7650E	23
12100N 7700E	20
12100N 7750E	6
12100N 7800E	20
12100N 7850E	4
12100N 7900E	4
12100N 7950E	29
12100N 8000E	4
12100N 8050E	7
12100N 8100E	19
12100N 8150E	19
12100N 8200E	4
12100N 8250E	5
12100N 8300E	4
12100N 8350E	3
12100N 8400E	2
12100N 8450E	3
12100N 8500E	2
STANDARD AU-S	52

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	AU* ppb
12100N 8550E	3
12100N 8600E	1
11800N 7200E	16
11800N 7250E	5
11800N 7300E	2
RE 11800N 7550E	63
11800N 7350E	9
11800N 7400E	4
11800N 7450E	10
11800N 7500E	6
11800N 7550E	109
11800N 7600E	4
11800N 7650E	44
11800N 7700E	8
11800N 7750E	4
11800N 7800E	4
11800N 7850E	4
11800N 7900E	2
11800N 7950E	2
11800N 8000E	8
11800N 8050E	70
11800N 8100E	4
11800N 8150E	65
11800N 8200E	8
11800N 8250E	3
11800N 8300E	20
11800N 8350E	7
11800N 8400E	3
11800N 8450E	4
11800N 8500E	3
11800N 8550E	31
11800N 8600E	7
11500N 7200E	5
11500N 7250E	11
11500N 7300E	18
11500N 7350E	2
11500N 7400E	10
STANDARD AU-S	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	AU* ppb
11500N 7450E	11
11500N 7500E	3
11500N 7550E	5
11500N 7600E	5
11500N 7650E	57
11500N 7700E	6
11500N 7750E	9
11500N 7800E	4
11500N 7850E	4
11500N 7900E	10
11500N 7950E	5
RE 11500N 8200E	5
11500N 8000E	4
11500N 8050E	2
11500N 8100E	3
11500N 8150E	3
11500N 8200E	3
11500N 8250E	6
11500N 8300E	9
11500N 8350E	5
11500N 8400E	3
11500N 8450E	3
11500N 8500E	3
11500N 8550E	7
11200N 7200E	2
11200N 7250E	5
11200N 7300E	2
11200N 7350E	218
11200N 7400E	4
11200N 7450E	13
11200N 7500E	11
11200N 7550E	3
11200N 7600E	4
11200N 7650E	51
11200N 7700E	3
11200N 7750E	5
11200N 7800E	5
STANDARD AU-S	52

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	AU+ ppb
11200N 7850E	5
11200N 7900E	2
11200N 7950E	7
11200N 8000E	17
11200N 8050E	36
11200N 8100E	5
11200N 8150E	3
11200N 8200E	6
11200N 8250E	3
11200N 8300E	3
11200N 8350E	6
11200N 8400E	2
11200N 8450E	3
11200N 8500E	1
11200N 8550E	4
10900N 7200E	1
10900N 7250E	16
10900N 7300E	82
10900N 7350E	13
10900N 7400E	26
10900N 7450E	5
10900N 7500E	3
10900N 7550E	8
10900N 7600E	14
RE 10900N 7400E	18
10900N 7650E	5
10900N 7700E	4
10900N 7750E	8
10900N 7800E	10
10900N 7850E	2
10900N 7900E	11
10900N 7950E	17
10900N 8000E	3
10900N 8050E	10
10900N 8100E	4
10900N 8150E	4
10900N 8200E	6
STANDARD AU-S	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.





SAMPLE#	AU* ppb
10900N 8250E	2
10900N 8300E	2
10900N 8350E	1
10900N 8400E	2
10900N 8450E	32
10900N 8500E	3
10600N 7200E	4
RE 10600N 7450E	4
10600N 7250E	2
10600N 7300E	9
10600N 7350E	4
10600N 7400E	18
10600N 7450E	4
10600N 7500E	3
10600N 7550E	8
10600N 7600E	8
10600N 7650E	4
10600N 7700E	3
10600N 7750E	9
10600N 7800E	5
10600N 7850E	4
10600N 7900E	21
10600N 7950E	12
10600N 8000E	4
10600N 8050E	3
10600N 8100E	16
10600N 8150E	5
10600N 8200E	3
10600N 8250E	4
10600N 8300E	123
10600N 8350E	4
10600N 8400E	4
10600N 8450E	18
10300N 7200E	14
10300N 7250E	150
10300N 7300E	21
10300N 7350E	4
STANDARD AU-S	54

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	AU* ppb
10300N 7400E	2
10300N 7450E	2
10300N 7500E	1
10300N 7550E	1
10300N 7600E	2
10300N 7650E	1
10300N 7700E	3
10300N 7750E	390
10300N 7800E	4
10300N 7850E	6
10300N 7900E	2
10300N 7950E	6
10300N 8000E	3
10300N 8050E	4
10300N 8100E	35
10300N 8150E	53
10300N 8200E	190
10300N 8250E	3
10300N 8300E	3
10300N 8350E	6
10300N 8400E	7
10300N 8450E	2
10000N 7200E	5
RE 10300N 8300E	9
10000N 7250E	9
10000N 7300E	5
10000N 7350E	1
10000N 7400E	1
10000N 7450E	2
10000N 7500E	2
10000N 7550E	4
10000N 7600E	31
10000N 7650E	25
10000N 7700E	3
10000N 7750E	2
10000N 7800E	6
10000N 7850E	7
STANDARD AU-S	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	AU* ppb
10000N 7900E	3
10000N 7950E	8
10000N 8000E	85
10000N 8050E	3
10000N 8100E	490
10000N 8150E	13
10000N 8200E	2
10000N 8250E	2
10000N 8300E	1
10000N 8350E	1
9700N 7200E	1
9700N 7250E	1
9700N 7300E	5
RE 9700N 7550E	3
9700N 7350E	5
9700N 7400E	2
9700N 7450E	5
9700N 7500E	8
9700N 7550E	5
9700N 7600E	10
9700N 7650E	6
9700N 7700E	4
9700N 7750E	13
9700N 7800E	2
9700N 7850E	2
9700N 7900E	3
9700N 7950E	2
9700N 8000E	8
9700N 8050E	14
9700N 8100E	980
9700N 8150E	6
9700N 8200E	2
9700N 8250E	12
9700N 8300E	2
9700N 8350E	15
9400N 7200E	2
9400N 7250E	4
STANDARD AU-S	53

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	AU* ppb
9400N 7350E	1
9400N 7400E	1
9400N 7450E	12
9400N 7500E	8
9400N 7550E	3
9400N 7600E	2
9400N 7650E	2
9400N 7700E	1
9400N 7750E	7
9400N 7800E	3
9400N 7850E	4
9400N 7900E	1
9400N 7950E	7
9400N 8050E	13
9400N 8100E	9
9400N 8150E	2
9400N 8200E	1
9400N 8250E	51
9400N 8300E	4
9100N 7200E	2
9100N 7250E	4
9100N 7300E	3
9100N 7350E	6
9100N 7400E	18
RE 9100N 7250E	8
9100N 7450E	18
9100N 7500E	1
9100N 7550E	1
9100N 7600E	2
9100N 7650E	1
9100N 7700E	16
9100N 7750E	12
9100N 7800E	2
9100N 7850E	1
9100N 7900E	1
9100N 7950E	4
9100N 8000E	47
STANDARD AU-S	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACHE ANALYTICAL



ACHE ANALYTICAL

SAMPLE#	AU* ppb
9100N 8050E	10
9100N 8100E	6
9100N 8150E	4
9100N 8200E	6
9100N 8250E	5
9100N 8300E	23
9100N 8350E	6
8800N 7200E	2
8800N 7250E	5
8800N 7300E	4
8800N 7350E	2
8800N 7400E	3
8800N 7450E	2
8800N 7500E	1
RE 8800N 7700E	6
8800N 7550E	3
8800N 7600E	3
8800N 7650E	2
8800N 7700E	5
8800N 7750E	3
8800N 7800E	3
8800N 7850E	376
8800N 7900E	13
8800N 7950E	7
8800N 8000E	2
8800N 8050E	1
8800N 8100E	1
8500N 7200E	6
8500N 7250E	19
8500N 7300E	7
8500N 7350E	2
8500N 7400E	2
8500N 7450E	43
8500N 7500E	2
8500N 7550E	13
8500N 7600E	2
8500N 7650E	5
STANDARD AU-S	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	AU* ppb
8500N 7700E	3
8500N 7750E	1
8500N 7800E	17
8500N 7850E	1
8500N 7900E	1
8500N 7950E	1
8500N 8000E	4
RE 8500N 8000E	2
8500N 8050E	6
8500N 8100E	10
STANDARD AU-S	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**ii (c) - North Grid**

**Acme File #'s 92-2261**

**-2664**

**-2977**



GEOCHEMICAL ANALYSIS CERTIFICATE

Romulus Resources Ltd. PROJECT PINE File # 92-2261 Page 1

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.K. BOWEN

Table with columns: SAMPLE#, Mo ppm, Cu ppm, Pb ppm, Zn ppm, Ag ppm, Ni ppm, Co ppm, Mn ppm, Fe %, As ppm, U ppm, Au ppm, Th ppm, Sr ppm, Cd ppm, Sb ppm, Bi ppm, V ppm, Ca %, P %, La ppm, Cr ppm, Mg %, Ba ppm, Ti %, B ppm, Al %, Na %, K %, W ppm, Au\* ppb. Contains data for various samples from 15400N to 15200N and a STANDARD C/AU-S.

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 31 1992 DATE REPORT MAILED: Aug 7/92 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
15200N 8300E	2	17	11	210	.2	6	6	2116	1.75	2	7	ND	1	37	4.5	2	3	40	.21	.034	6	12	.11	243	.04	2	.76	.01	.05	1	30
15200N 8350E	6	79	88	667	.2	12	11	1175	2.96	5	5	ND	2	57	5.2	2	2	37	.35	.070	14	15	.57	275	.03	2	1.66	.01	.11	1	16
15200N 8400E	2	15	15	180	.1	18	8	377	2.88	5	5	ND	1	23	1.6	2	4	55	.11	.059	7	26	.33	161	.03	5	1.49	.01	.06	1	2
15000N 7400E	6	41	84	640	.2	11	13	1073	3.19	3	5	ND	1	55	4.0	2	2	47	.37	.037	11	14	.50	571	.04	4	1.99	.01	.10	1	2
15000N 7450E	7	177	122	620	.9	16	13	1172	3.21	2	16	ND	3	182	3.5	2	2	43	1.54	.059	110	15	.70	1266	.02	2	3.35	.02	.13	1	4
15000N 7500E	11	270	147	769	3.0	17	13	1070	3.16	3	41	ND	1	258	5.9	2	7	35	2.38	.139	317	15	.58	1176	.02	2	3.89	.02	.13	1	9
15000N 7550E	16	432	211	1230	2.8	16	32	2849	3.37	5	7	ND	1	189	24.6	2	6	40	1.56	.085	169	13	.41	1349	.02	2	3.36	.01	.09	1	6
15000N 7600E	10	37	57	398	.2	4	8	510	3.16	2	5	ND	1	60	4.5	2	3	52	.38	.022	14	11	.24	304	.07	2	1.20	.01	.06	1	7
15000N 7650E	11	50	75	356	.6	2	6	537	2.79	4	5	ND	1	52	2.0	2	2	39	.32	.021	10	8	.35	225	.08	2	1.25	.01	.06	1	33
15000N 7700E	15	324	99	1006	1.4	15	14	948	3.73	4	37	ND	4	148	4.7	2	8	45	1.02	.043	83	17	.67	725	.06	2	2.54	.02	.13	1	66
RE 15000N 7900E	7	260	21	350	.8	5	5	510	1.68	2	6	ND	1	135	9.8	2	6	31	1.02	.027	16	8	.16	579	.03	2	.79	.01	.07	1	19
15000N 7750E	12	394	276	546	4.2	7	9	654	1.61	2	39	ND	1	336	12.6	2	5	17	2.90	.084	61	6	.22	709	.02	2	1.05	.01	.06	1	24
15000N 7800E	9	83	32	694	.4	9	10	530	2.56	5	5	ND	1	93	4.1	2	5	42	.47	.016	11	14	.39	353	.06	2	1.55	.01	.05	1	15
15000N 7850E	26	1143	109	3330	3.6	28	27	1272	6.20	2	29	ND	8	173	14.0	2	11	50	1.16	.041	39	19	.73	1092	.02	2	5.39	.02	.14	1	20
15000N 7900E	7	263	23	404	.9	7	6	500	1.84	2	7	ND	1	124	9.9	2	2	33	.97	.026	13	10	.16	550	.03	3	.79	.01	.07	1	9
15000N 7950E	13	198	52	1013	.6	11	11	968	2.77	2	5	ND	3	92	5.1	2	6	42	.62	.011	10	15	.51	370	.08	2	1.72	.02	.05	2	9
15000N 8000E	8	108	57	480	.4	6	14	739	2.78	3	5	ND	1	110	10.1	2	4	49	.64	.029	13	12	.26	359	.06	2	1.61	.01	.06	1	5
15000N 8050E	2	12	19	129	.1	5	4	278	2.48	2	5	ND	1	36	1.0	2	2	65	.21	.022	6	14	.15	88	.09	2	.88	.01	.04	1	4
15000N 8100E	1	18	20	166	.1	13	11	457	3.90	5	5	ND	2	28	.6	2	2	77	.21	.063	7	25	.47	134	.07	2	1.48	.01	.05	1	9
15000N 8150E	1	11	20	154	.1	8	8	369	3.86	6	5	ND	1	30	.8	2	4	90	.21	.057	7	22	.30	93	.08	2	1.40	.01	.03	1	4
15000N 8200E	1	11	29	221	.1	9	17	996	5.41	6	5	ND	1	48	2.2	2	3	111	.20	.115	7	25	.31	164	.06	2	1.48	.01	.05	1	8
15000N 8250E	2	27	36	296	.1	19	19	1689	4.43	9	5	ND	1	86	5.7	2	3	76	.57	.120	8	29	.61	345	.07	5	1.89	.02	.09	1	10
15000N 8300E	3	10	15	148	.1	8	6	357	3.04	4	5	ND	1	36	.9	2	2	63	.22	.060	6	18	.22	138	.06	2	1.33	.01	.07	1	2
15000N 8350E	2	23	17	388	.2	26	10	349	4.80	4	5	ND	3	28	1.3	2	2	88	.14	.073	8	38	.51	134	.04	2	2.09	.01	.06	1	2
15000N 8400E	5	164	48	840	1.1	20	12	585	4.23	4	5	ND	3	45	3.3	2	2	71	.25	.050	9	25	.60	257	.05	2	2.51	.01	.06	1	5
15000N 8450E	6	102	110	1079	.4	10	12	1719	3.45	3	5	ND	2	59	6.8	2	4	39	.44	.084	19	14	.73	229	.04	3	1.89	.01	.14	1	29
15000N 8500E	2	26	31	300	.1	21	13	568	3.13	8	5	ND	2	48	2.5	2	2	58	.29	.033	9	30	.41	168	.03	2	1.69	.01	.11	1	3
14800N 7400E	6	149	117	682	1.5	7	12	930	2.59	2	6	ND	1	98	5.9	2	4	45	1.04	.032	47	12	.42	1007	.03	2	2.31	.01	.09	1	4
14800N 7450E	7	219	287	1263	1.7	14	18	1346	3.32	2	5	ND	2	118	5.0	2	2	41	1.43	.072	69	13	.62	861	.02	2	3.46	.01	.13	1	6
14800N 7500E	9	303	318	2660	1.2	22	19	1417	4.98	8	5	ND	2	88	13.3	2	4	57	.88	.048	37	20	.76	733	.04	2	3.73	.02	.14	1	6
14800N 7550E	4	35	69	564	.3	4	7	625	2.84	2	5	ND	1	59	11.5	2	2	55	.61	.036	7	10	.26	283	.08	2	.90	.01	.07	1	8
14800N 7600E	13	56	104	447	.1	2	9	584	3.90	6	5	ND	1	66	26.6	2	2	63	.38	.044	5	9	.29	321	.06	4	1.24	.01	.06	1	16
14800N 7650E	17	411	212	1254	1.5	7	32	2947	4.44	2	5	ND	1	93	19.6	2	3	51	.76	.046	25	15	.30	465	.07	2	2.45	.02	.06	1	11
14800N 7700E	12	934	151	2063	5.8	21	18	1120	4.03	2	16	ND	3	183	17.4	2	10	38	1.74	.079	87	17	.79	960	.02	2	5.04	.02	.16	1	32
14800N 7750E	20	1509	149	2144	3.4	20	24	1090	4.17	2	15	ND	3	176	18.7	2	15	31	1.68	.130	80	17	.65	896	.03	2	4.36	.02	.14	1	64
14800N 7800E	20	430	53	1265	.6	10	18	1313	4.29	3	5	ND	1	90	8.4	2	8	60	.76	.046	18	18	.52	707	.05	2	2.03	.01	.08	1	160
14800N 7850E	11	393	71	1186	.4	11	14	1570	3.50	2	5	ND	1	79	11.9	2	8	49	.65	.034	15	16	.48	634	.07	2	2.06	.02	.08	2	12
STANDARD C/AU-S	19	58	39	133	7.6	70	32	1060	3.91	42	19	7	41	53	19.0	15	19	59	.47	.090	39	58	.87	169	.09	35	1.85	.07	.15	10	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACME ANALYTICAL

Romulus Resources Ltd. PROJECT PINE FILE # 92-2261



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
14800N 7900E	12	27	22	221	.1	5	6	280	3.79	2	5	ND	1	47	5.4	2	4	78	.29	.040	5	14	.20	178	.10	2	1.19	.01	.07	1	2
14800N 7950E	6	40	17	245	.4	3	5	362	2.01	2	8	ND	1	54	6.8	2	2	46	.38	.011	9	10	.17	323	.08	5	.90	.01	.04	1	3
14800N 8000E	4	25	20	371	.3	9	6	474	2.92	2	5	ND	2	43	1.1	2	2	53	.26	.012	6	16	.49	126	.11	4	1.55	.01	.04	1	4
14800N 8050E	10	50	45	660	1.2	9	9	530	4.04	3	5	ND	2	53	2.5	2	3	55	.25	.021	7	15	.50	261	.07	2	2.26	.01	.06	1	5
14800N 8100E	3	9	14	186	.3	2	4	220	2.33	2	6	ND	1	48	1.9	2	2	51	.25	.015	4	9	.18	116	.06	2	.99	.01	.05	1	3
14800N 8150E	3	12	44	395	.6	8	9	340	4.33	6	5	ND	2	39	1.1	2	2	73	.17	.042	6	20	.34	164	.08	2	2.19	.01	.05	1	46
14800N 8200E	2	17	33	326	.2	12	10	651	3.93	7	5	ND	2	26	.9	2	2	73	.15	.066	7	22	.47	113	.06	2	2.19	.01	.05	1	2
14800N 8250E	2	38	56	470	.4	13	11	836	3.13	4	5	ND	3	45	1.3	2	5	45	.26	.033	11	21	.61	221	.05	2	2.26	.02	.08	1	10
14800N 8300E	2	17	30	197	.4	11	12	418	6.13	8	5	ND	2	34	.4	2	2	116	.22	.136	7	25	.44	132	.06	2	2.09	.01	.05	1	5
14800N 8350E	1	29	27	175	.3	14	14	675	4.48	11	5	ND	2	89	.8	2	4	83	.72	.088	9	21	.71	216	.06	3	2.21	.01	.09	1	7
14800N 8400E	2	19	26	353	.2	8	10	510	3.61	2	5	ND	1	45	6.1	2	2	71	.29	.146	7	17	.25	204	.05	4	1.68	.01	.05	1	3
14800N 8450E	2	27	62	395	.2	7	10	1199	3.64	3	5	ND	1	38	6.3	2	2	56	.35	.075	9	9	.44	110	.05	5	.95	.01	.10	1	44
14800N 8500E	3	64	81	830	.2	6	11	1508	3.35	5	5	ND	3	43	5.2	2	2	41	.44	.081	15	10	.60	157	.04	3	1.33	.01	.11	1	32
14800N 8550E	3	108	109	1073	.2	9	13	2156	3.36	4	5	ND	2	47	8.1	2	2	34	.40	.083	22	11	.66	207	.03	5	1.61	.01	.13	1	26
14600N 7500E	13	154	203	1814	1.2	9	17	946	5.84	8	5	ND	3	50	6.9	2	2	57	.31	.059	8	12	.48	220	.07	7	2.21	.01	.08	1	200
14600N 7550E	9	67	77	489	1.1	6	7	559	3.80	4	5	ND	2	54	4.3	2	3	53	.32	.040	6	11	.46	140	.09	2	1.95	.01	.07	1	39
14600N 7600E	5	42	35	403	.9	6	7	513	3.36	2	5	ND	2	46	2.7	2	2	52	.32	.033	6	12	.41	151	.12	5	2.14	.02	.06	1	9
14600N 7700E	5	22	38	312	.3	3	6	350	2.97	2	8	ND	1	44	2.9	2	2	57	.28	.019	5	11	.20	139	.08	3	1.11	.01	.06	1	19
14600N 7750E	5	16	25	455	.2	3	6	354	2.92	2	5	ND	2	46	3.4	2	2	57	.30	.015	5	10	.24	164	.08	3	1.32	.01	.05	1	7
14600N 7800E	8	330	49	2626	.5	20	15	1311	3.26	2	5	ND	1	77	15.0	2	4	46	.76	.028	14	21	.54	639	.07	2	2.13	.02	.07	1	4
14600N 7850E	9	743	59	1207	.4	14	8	888	2.62	2	5	ND	1	77	10.9	2	6	33	.75	.058	35	16	.57	545	.04	2	1.83	.01	.08	1	13
14600N 7900E	3	38	33	221	.3	3	6	540	2.62	3	5	ND	1	38	2.2	2	3	49	.24	.046	7	9	.20	139	.07	3	1.37	.01	.06	1	4
14600N 7950E	2	23	26	320	.2	10	7	517	3.12	2	5	ND	2	55	1.8	2	2	52	.32	.046	7	15	.47	143	.11	3	2.18	.01	.05	1	5
14600N 8000E	6	232	110	1282	.3	14	13	1605	3.39	2	5	ND	2	78	13.8	2	2	42	.70	.040	19	17	.68	547	.03	5	2.23	.01	.13	1	13
14600N 8050E	6	147	72	1047	.7	13	11	910	2.71	3	5	ND	3	80	9.5	2	2	41	.70	.037	20	16	.49	508	.02	4	2.24	.01	.11	1	21
14600N 8100E	2	28	42	415	.4	8	8	744	3.36	4	5	ND	2	41	3.2	2	2	49	.26	.143	8	14	.40	238	.03	5	1.60	.01	.08	1	13
RE 14600N 7950E	2	20	21	299	.3	7	7	477	2.88	6	5	ND	2	50	1.7	3	2	49	.29	.044	6	15	.43	126	.10	7	1.99	.01	.05	1	7
14600N 8150E	1	13	17	245	.1	5	5	313	1.32	6	5	ND	1	25	2.5	6	2	22	.20	.033	5	9	.24	84	.03	4	.82	.01	.04	1	14
14600N 8200E	1	10	14	180	.1	1	3	205	.91	2	5	ND	1	15	.8	2	2	14	.11	.020	3	5	.16	46	.02	2	.64	.01	.03	1	11
14600N 8250E	1	12	8	156	.1	7	9	681	2.37	13	5	ND	1	17	.8	9	2	44	.11	.061	4	15	.32	69	.04	7	1.37	.01	.03	1	2
14600N 8300E	1	25	18	145	.1	16	11	653	3.62	7	5	ND	2	44	.7	2	2	71	.32	.079	8	24	.61	144	.06	6	1.95	.01	.06	1	2
14600N 8350E	2	31	27	352	1.0	16	13	514	6.61	7	5	ND	3	49	.5	2	2	133	.35	.107	8	28	.62	120	.07	8	2.11	.01	.06	1	290
14600N 8400E	1	16	41	325	.5	8	8	726	2.01	2	5	ND	3	36	1.5	2	2	32	.23	.046	9	13	.41	133	.04	2	1.79	.01	.08	1	4
14600N 8450E	1	13	35	417	.3	16	12	1834	2.96	2	5	ND	1	53	3.7	2	4	52	.45	.073	11	23	.43	274	.03	4	2.07	.01	.13	1	1
14600N 8500E	3	37	44	545	.5	14	11	991	2.97	6	5	ND	3	33	2.1	2	3	44	.24	.067	11	17	.53	171	.04	3	1.99	.01	.08	1	10
14600N 8550E	5	153	125	1697	.3	13	14	2529	3.53	7	5	ND	2	76	14.9	2	5	37	.68	.086	27	12	.74	411	.03	3	2.03	.02	.17	1	28
14400N 7550E	5	18	52	435	.1	4	7	685	2.85	2	5	ND	1	53	6.6	2	2	55	.33	.024	5	8	.29	151	.09	3	1.29	.01	.05	1	2
STANDARD C/AU-S	19	57	38	131	6.9	69	32	1034	3.89	42	17	7	38	52	17.9	15	21	57	.47	.089	38	58	.87	175	.09	37	1.86	.07	.15	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
14400N 7550E	7	91	58	740	.3	6	8	754	2.28	3	5	ND	1	70	9.0	2	2	37	.83	.018	10	9	.29	316	.06	3	1.28	.02	.05	1	6
14400N 7600E	9	95	22	558	.4	4	5	284	2.29	4	5	ND	1	73	10.3	2	2	48	.85	.023	6	8	.17	459	.06	2	.95	.01	.05	1	5
14400N 7650E	10	373	92	2116	1.0	14	13	1453	3.59	2	5	ND	2	73	15.3	2	6	46	.85	.024	12	15	.44	551	.06	2	2.33	.02	.08	1	4
14400N 7700E	7	141	81	630	.3	10	10	1248	3.15	4	5	ND	1	55	6.0	2	7	45	.68	.073	18	12	.52	283	.05	2	1.23	.01	.08	1	300
14400N 7750E	3	54	76	618	.1	8	10	1549	2.85	5	5	ND	2	41	5.3	2	2	34	.44	.075	13	10	.54	151	.04	2	1.09	.01	.12	1	25
14400N 7800E	2	64	92	745	.1	8	12	1691	3.11	3	5	ND	2	46	6.9	2	2	38	.48	.086	14	9	.55	188	.04	3	1.20	.01	.11	1	46
14400N 7900E	2	35	54	613	.1	7	10	1373	2.84	5	5	ND	2	36	5.3	2	2	35	.42	.076	13	9	.53	156	.03	5	1.03	.01	.10	1	26
14400N 7950E	3	35	44	393	.3	10	9	1197	3.11	8	5	ND	1	58	6.7	2	2	48	.62	.064	11	15	.39	250	.04	2	1.28	.01	.09	1	9
14400N 8000E	3	24	40	487	.4	12	9	741	3.75	4	8	ND	2	32	2.3	2	2	51	.31	.153	9	17	.45	176	.02	2	2.04	.01	.09	1	10
RE 14400N 8250E	2	22	42	473	.4	9	10	561	2.63	8	5	ND	2	25	1.5	2	2	36	.20	.088	8	14	.41	126	.03	2	1.95	.01	.07	1	11
14400N 8050E	3	82	90	933	.1	10	11	1826	2.95	4	5	ND	1	53	8.7	2	2	31	.56	.092	18	10	.61	201	.03	3	1.38	.01	.12	1	32
14400N 8100E	3	34	52	365	.3	7	8	1104	2.54	4	5	ND	1	78	5.2	2	2	39	.82	.079	12	11	.31	311	.03	2	1.45	.01	.11	1	8
14400N 8150E	2	21	43	392	.2	6	8	545	2.68	4	5	ND	1	44	2.3	2	2	40	.41	.069	8	14	.35	173	.03	3	1.70	.01	.08	1	9
14400N 8200E	4	71	97	710	.2	10	8	908	2.81	7	5	ND	1	67	3.3	2	2	35	.65	.074	17	13	.58	229	.04	2	1.63	.02	.12	1	22
14400N 8250E	2	25	48	488	.3	12	11	568	2.63	6	5	ND	2	27	1.6	2	2	36	.21	.087	8	14	.42	129	.02	2	1.99	.01	.07	1	10
14400N 8300E	2	30	46	608	.4	10	9	695	2.68	3	5	ND	1	38	3.0	2	2	34	.34	.084	9	13	.47	181	.02	2	1.78	.01	.11	1	5
14400N 8350E	2	94	38	683	.2	16	12	826	3.47	4	5	ND	1	58	5.9	2	4	70	.54	.037	10	21	.49	333	.06	4	1.63	.01	.07	1	4
14400N 8400E	2	106	37	454	.3	17	12	673	3.34	7	5	ND	1	86	4.2	2	2	60	.83	.060	11	20	.62	309	.08	2	1.67	.01	.07	1	5
14400N 8450E	3	30	39	286	.1	11	8	562	2.49	4	5	ND	1	37	1.3	2	2	38	.26	.100	6	12	.37	90	.05	2	1.42	.01	.04	1	3
14400N 8500E	2	21	30	376	.2	11	8	610	3.17	4	5	ND	2	26	.8	2	2	51	.19	.094	6	16	.44	113	.03	2	1.69	.01	.06	1	120
14400N 8550E	2	19	37	345	.4	10	9	589	3.26	5	5	ND	2	30	1.2	2	2	50	.25	.103	9	16	.38	177	.03	2	1.86	.01	.07	1	4
14400N 8600E	3	94	19	292	.4	29	12	745	2.69	9	5	ND	2	100	3.4	2	2	41	.74	.053	15	30	.63	327	.05	2	1.82	.02	.11	1	9
14200N 7800E	2	15	31	334	.4	6	7	464	2.97	4	5	ND	2	39	2.5	2	2	54	.29	.057	7	12	.27	141	.03	2	1.25	.01	.08	1	91
14200N 7850E	2	18	41	416	.6	5	9	631	3.45	8	5	ND	1	51	3.8	2	2	56	.39	.120	7	12	.30	188	.02	2	1.62	.01	.09	1	81
14200N 7900E	2	37	32	454	.2	7	5	571	1.65	2	5	ND	1	54	4.0	2	2	28	.50	.028	9	9	.36	217	.05	2	.94	.01	.08	1	12
14200N 8000E	4	40	30	534	.1	9	7	568	2.22	3	5	ND	2	47	1.7	2	2	37	.36	.011	9	14	.48	237	.04	2	1.39	.01	.06	1	91
14200N 8050E	2	34	46	1559	.2	8	9	698	3.07	2	5	ND	2	36	3.9	2	2	42	.28	.036	9	11	.43	254	.01	2	1.92	.01	.08	1	26
14200N 8100E	2	23	44	895	.2	11	10	696	2.70	4	5	ND	1	43	3.2	2	2	40	.39	.085	9	15	.45	163	.03	3	1.58	.01	.08	1	15
14200N 8150E	2	41	45	909	.3	10	10	856	3.23	8	5	ND	2	49	3.3	2	2	41	.45	.086	9	12	.45	185	.01	2	2.20	.01	.12	1	17
14200N 8200E	3	70	28	890	.1	12	8	615	2.80	2	5	ND	1	47	3.3	2	2	46	.37	.013	16	15	.54	313	.03	3	1.65	.02	.07	1	22
14200N 8250E	2	24	35	466	.1	11	7	598	2.39	4	5	ND	2	45	1.2	2	2	33	.35	.037	9	15	.52	104	.05	2	1.42	.01	.07	1	11
14200N 8300E	1	13	22	495	.5	12	9	329	4.52	9	5	ND	3	31	2.1	2	3	87	.21	.102	7	23	.39	127	.06	4	2.28	.01	.05	1	27
14200N 8350E	1	21	21	238	.1	19	13	451	3.64	8	5	ND	2	36	.8	2	2	69	.28	.047	7	22	.64	104	.08	2	1.88	.01	.05	1	12
14200N 8400E	1	22	22	175	.1	22	12	413	4.10	7	5	ND	2	40	.7	2	2	76	.33	.065	8	25	.67	129	.07	2	2.08	.01	.08	1	2
14200N 8450E	1	22	18	125	.2	42	12	323	3.59	9	5	ND	2	33	.2	2	2	60	.19	.045	8	39	.72	140	.05	2	2.16	.01	.08	1	1
14200N 8500E	2	33	25	176	.6	27	13	424	3.95	10	5	ND	3	59	.2	2	2	69	.44	.073	8	26	.56	208	.05	2	3.11	.01	.06	1	3
14200N 8550E	1	15	10	96	.1	32	11	279	3.48	5	5	ND	2	35	.2	2	2	70	.25	.029	9	35	.57	196	.04	2	1.90	.01	.08	1	1
STANDARD C/AU-S	19	58	39	132	7.1	74	32	1052	4.00	42	19	7	40	53	18.5	15	21	58	.48	.091	39	58	.89	178	.09	34	1.89	.07	.15	11	52

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
14200N 8600E	1	18	12	157	.2	36	11	418	3.49	5	5	ND	2	43	.7	2	4	60	.30	.069	9	38	.66	237	.04	5	2.04	.01	.06	1	2
RE 14000N 8000E	3	19	44	373	.4	7	8	627	2.67	7	5	ND	2	52	2.3	2	2	43	.29	.036	7	11	.47	153	.09	3	1.80	.01	.05	1	7
14000N 7800E	1	24	17	170	.2	13	7	492	2.98	2	5	ND	2	41	1.0	2	2	47	.30	.049	8	18	.54	153	.11	2	1.82	.01	.05	1	2
14000N 7850E	2	12	17	187	.2	6	6	363	3.07	2	5	ND	1	43	1.0	2	2	52	.26	.039	6	14	.34	101	.10	3	1.91	.01	.04	1	2
14000N 7900E	3	58	22	298	.3	12	7	539	2.79	3	5	ND	2	51	1.2	2	4	49	.44	.024	8	17	.65	167	.10	2	2.15	.01	.07	1	56
14000N 7950E	1	14	16	195	.5	9	8	484	2.93	3	5	ND	2	43	1.4	2	2	51	.30	.045	6	16	.50	97	.13	2	1.85	.01	.04	1	5
14000N 8000E	3	16	46	381	.3	6	9	636	2.68	2	5	ND	2	54	2.2	2	2	43	.31	.034	7	12	.47	153	.09	2	1.86	.01	.05	1	4
14000N 8050E	1	21	14	316	.1	11	8	547	2.64	4	5	ND	2	50	2.1	2	3	44	.34	.034	7	15	.55	110	.13	2	2.04	.01	.04	1	4
14000N 8100E	3	25	23	323	.4	13	9	553	3.24	4	5	ND	3	44	1.4	2	2	52	.26	.034	7	19	.59	154	.11	2	2.36	.01	.04	1	6
14000N 8150E	27	58	27	797	.5	11	10	307	4.71	5	5	ND	2	29	1.0	2	2	76	.16	.053	8	23	.36	174	.06	3	2.43	.01	.06	1	8
14000N 8200E	11	174	166	729	.6	13	12	948	3.32	5	5	ND	3	66	5.5	2	2	44	.63	.031	20	17	.60	329	.05	2	2.18	.01	.06	1	12
14000N 8250E	5	42	32	559	.4	12	12	560	5.07	5	5	ND	1	27	2.0	2	2	90	.18	.089	8	26	.41	127	.08	2	2.40	.01	.04	1	5
14000N 8300E	2	21	20	388	.3	11	11	769	3.34	4	5	ND	2	17	.6	2	2	62	.10	.074	7	22	.29	109	.04	4	2.51	.01	.03	1	5
14000N 8350E	3	28	21	418	.4	22	11	467	4.42	9	5	ND	2	36	1.3	2	6	78	.23	.046	7	29	.67	158	.08	2	2.35	.01	.05	1	2
14000N 8400E	8	30	98	335	1.2	13	11	536	5.50	10	5	ND	2	42	1.9	2	4	85	.24	.121	8	22	.49	171	.08	2	2.46	.01	.05	1	5
14000N 8450E	2	14	16	153	.3	47	11	237	3.35	9	5	ND	3	18	.9	2	2	50	.12	.055	8	48	.65	141	.02	3	2.23	.01	.07	1	10
14000N 8500E	1	6	15	478	.3	18	11	519	2.35	5	5	ND	1	51	5.7	2	2	45	.48	.065	9	27	.29	253	.03	3	1.49	.01	.07	1	2
14000N 8550E	1	15	12	270	.3	32	13	474	3.91	4	5	ND	3	16	.8	2	2	63	.12	.138	11	44	.48	174	.03	2	2.52	.01	.06	1	7
14000N 8600E	1	16	10	170	.5	57	13	348	4.25	8	5	ND	3	14	.3	2	2	57	.08	.152	8	52	.58	189	.01	6	3.29	.01	.06	1	2
14000N 8650E	1	21	14	99	.1	29	12	370	3.47	4	5	ND	2	32	.3	2	2	62	.24	.090	8	33	.71	129	.07	2	2.13	.01	.05	1	4
14000N 8700E	1	11	11	186	.2	38	12	554	3.92	4	5	ND	2	15	.4	2	2	63	.11	.093	9	43	.56	153	.03	2	2.20	.01	.05	1	1
14000N 8750E	1	17	10	71	.1	49	12	339	3.03	6	5	ND	3	43	.2	2	2	47	.28	.040	9	39	.76	191	.05	2	1.93	.01	.08	1	3
14000N 8800E	2	30	15	128	.5	57	15	546	4.51	10	5	ND	2	41	.7	2	2	58	.26	.105	8	47	.71	239	.02	2	3.11	.01	.08	1	8
STANDARD C/AU-S	18	57	39	131	7.5	70	31	1054	4.00	42	19	7	39	52	18.6	15	20	57	.48	.091	39	62	.89	179	.09	35	1.89	.07	.15	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



## GEOCHEMICAL ANALYSIS CERTIFICATE



Romulus Resources Ltd. PROJECT PINE File # 92-2664 Page 1

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.G. BOWEN

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au* ppb
16200N 7200E	9	187	17	165	.1	3
16200N 7250E	8	68	24	153	.2	5
16200N 7300E	20	269	31	177	.3	2
16200N 7350E	9	158	23	222	.6	5
16200N 7400E	4	35	19	108	.6	6
16200N 7450E	6	1265	21	80	1.0	18
16200N 7500E	10	31	8	79	.3	5
16200N 7550E	11	16	25	214	.5	6
16200N 7600E	6	42	20	162	.8	8
16200N 7650E	18	125	53	563	.4	4
16200N 7700E	14	320	24	240	1.0	4
16200N 7750E	1	42	13	102	.1	5
16200N 7800E	5	12	12	179	.2	29
16200N 7850E	13	25	14	115	.3	5
16200N 7900E	1	15	11	123	.1	25
16200N 7950E	15	182	18	328	.3	64
16200N 8000E	22	61	8	114	.2	3
16000N 7200E	9	88	34	308	.5	2
16000N 7250E	25	126	32	195	.7	11
16000N 7300E	7	24	37	214	.6	3
16000N 7350E	5	18	29	243	.1	8
16000N 7400E	14	8	34	200	.1	1
16000N 7450E	10	12	19	141	.1	10
16000N 7500E	12	25	35	274	.1	7
16000N 7550E	11	18	34	305	.1	3
16000N 7600E	11	30	28	257	.3	4
16000N 7650E	15	180	120	852	.5	25
16000N 7700E	6	22	20	233	.1	4
RE 16000N 7500E	13	28	35	281	.1	3
16000N 7750E	7	108	30	260	.9	11
16000N 7800E	5	17	16	159	.1	3
16000N 7850E	4	78	7	83	.5	5
16000N 7900E	5	60	9	133	.6	3
16000N 7950E	5	23	12	129	.1	5
16000N 8000E	3	84	8	120	.3	5
16000N 8050E	24	161	11	118	.4	7
16000N 8150E	5	162	10	109	.1	7
16000N 8200E	1	36	12	97	.3	24
STANDARD C/AU-S	17	57	38	129	7.3	52

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 - SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 20 1992 DATE REPORT MAILED: *Aug 26/92* SIGNED BY: *C. Leung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au* ppb
15800N 7200E	9	30	31	257	.2	2
15800N 7250E	7	32	94	273	.4	8
15800N 7300E	3	14	38	267	.2	3
15800N 7350E	7	279	59	488	1.9	10
RE 15800N 7800E	9	67	29	486	.3	6 *
15800N 7400E	10	260	74	653	1.7	15
15800N 7450E	14	274	86	580	2.0	7
15800N 7500E	8	333	92	728	3.0	10
15800N 7550E	11	333	73	727	2.8	16
15800N 7600E	9	207	42	409	1.3	5
15800N 7650E	8	308	50	509	1.6	11
15800N 7700E	11	295	56	754	1.6	28
15800N 7750E	8	244	32	486	.7	12
15800N 7800E	8	61	29	482	.4	162 *
15800N 7850E	4	20	20	341	.2	217
15800N 7900E	13	135	63	350	.3	8
15800N 7950E	5	105	23	197	.2	275
15800N 8000E	4	86	11	106	1.0	5
15800N 8050E	6	80	16	166	.3	8
15800N 8100E	5	50	13	92	.2	172
15800N 8150E	1	18	9	104	.2	32
15800N 8200E	1	12	7	113	.1	365
15800N 8250E	1	11	11	110	.1	48
15800N 8300E	1	23	11	94	.1	4
15600N 7200E	3	10	19	154	.1	3
15600N 7250E	4	11	34	166	.1	7
15600N 7300E	2	26	56	303	.1	4
15600N 7350E	14	273	23	175	.9	11
15600N 7400E	22	311	89	729	.8	32
15600N 7450E	57	274	64	636	2.5	18
15600N 7500E	57	232	95	619	.9	15
15600N 7550E	16	227	134	1075	.4	5
15600N 7600E	12	393	61	432	3.3	24
15600N 7650E	8	868	41	350	4.2	34
15600N 7700E	7	362	27	373	1.6	18
15600N 7750E	13	421	42	537	1.8	26
STANDARD C/AU-S	17	62	37	135	7.5	52

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

\* May be metallic Au.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au* ppb
15600N 7800E	8	49	32	704	.1	28
15600N 7850E	17	307	37	673	1.4	9
15600N 7900E	15	255	41	595	1.2	13
15600N 8000E	12	107	28	354	.3	11
15600N 8050E	9	32	25	264	.1	2
15600N 8100E	1	14	27	271	.5	4
15600N 8150E	1	21	23	113	.4	3
15600N 8200E	1	8	13	87	.2	1
15600N 8250E	1	40	20	92	.3	2
15600N 8300E	1	40	23	91	.2	5
RE 15300N 7350E	10	25	69	532	.4	5
15300N 7200E	4	7	31	122	.1	9
15300N 7250E	4	18	64	259	.3	4
15300N 7300E	4	3	35	175	.2	4
15300N 7350E	9	26	65	534	.4	3
15300N 7400E	10	15	37	423	.9	4
15300N 7450E	30	1350	209	1287	6.2	32
15300N 7500E	11	167	83	595	.6	6
15300N 7550E	11	77	93	769	.5	13
15300N 7600E	13	44	64	363	.2	8
15300N 7650E	17	1358	290	1189	4.2	33
15300N 7700E	22	300	111	1623	.8	6
15300N 7750E	22	508	73	1243	.9	6
15300N 7800E	6	43	39	408	.6	14
15300N 7850E	4	12	19	213	.1	2
15300N 7950E	6	54	21	429	.1	5
15300N 8000E	11	112	34	983	.4	8
15300N 8050E	1	29	32	179	.4	26
15300N 8100E	3	33	23	227	.2	6
15300N 8150E	10	46	20	452	.1	2
15300N 8200E	3	44	22	298	.2	78
15100N 7200E	21	90	99	495	.5	1
15100N 7250E	10	122	90	540	2.2	2
15100N 7300E	5	60	53	449	.2	4
15100N 7350E	5	54	71	407	.3	15
15100N 7400E	5	22	76	477	.2	5
15100N 7450E	6	39	58	658	.7	9
STANDARD C/AU-S	19	59	39	137	7.5	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au* ppb
15100N 7500E	9	97	79	593	.6	6
15100N 7550E	8	51	40	515	.3	11
15100N 7600E	9	20	28	232	.1	12
15100N 7650E	19	333	90	988	5.5	28
15100N 7750E	16	414	101	1703	.9	13
15100N 7800E	20	815	79	2933	2.0	23
15100N 7850E	3	30	21	365	.4	2
15100N 7950E	14	176	34	507	.4	65
15100N 8000E	4	19	23	201	.3	130
15100N 8050E	1	23	30	353	.1	130
15100N 8100E	1	12	26	189	.1	7
15100N 8150E	1	20	22	242	.2	46
15100N 8200E	1	15	22	289	.5	3
14900N 7200E	13	50	93	325	.1	3
14900N 7250E	13	33	77	303	.3	77
14900N 7300E	16	256	334	805	1.5	5
14900N 7350E	9	34	70	396	.1	5
RE 14900N 7700E	16	952	183	2981	2.3	25
14900N 7400E	7	29	44	355	.5	5
14900N 7450E	6	17	41	254	.1	9
14900N 7600E	27	621	185	1518	1.8	25
14900N 7650E	17	678	144	2055	1.9	23
14900N 7700E	18	940	184	3050	2.9	28
14900N 7750E	19	681	191	2775	3.0	24
14900N 7800E	3	25	24	260	.4	3
14900N 7850E	10	34	17	400	.7	4
14900N 7900E	15	97	35	1390	.1	3
14900N 7950E	8	16	29	343	.1	4
14900N 8000E	9	48	40	451	.2	6
14900N 8050E	5	30	44	361	.7	9
14900N 8100E	3	20	30	274	.1	7
14900N 8150E	1	17	20	132	.2	39
14900N 8200E	1	9	17	223	.3	2
14700N 7200E	3	7	47	330	.2	10
14700N 7250E	4	7	42	237	.4	1
14700N 7300E	5	23	71	276	.4	5
14700N 7350E	5	363	145	978	1.5	7
STANDARD C/AU-S	20	62	42	139	7.3	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au* ppb
14700N 7400E	11	433	141	1445	2.3	8
14700N 7450E	6	48	41	397	.4	7
14700N 7500E	5	720	98	1416	4.2	15
RE 14700N 7750E	7	61	39	280	.7	14
14700N 7550E	9	104	121	751	.8	9
14700N 7600E	12	54	39	428	.3	3
14700N 7650E	10	238	84	1125	.4	4
14700N 7700E	18	87	44	358	.3	10
14700N 7750E	8	42	32	246	.6	18
14700N 7800E	3	19	20	180	.1	2
14700N 7850E	5	18	27	260	.2	7
14700N 7900E	3	15	24	288	.6	4
14700N 7950E	2	15	18	409	.2	3
14700N 8000E	3	16	36	264	.4	248
14700N 8050E	2	28	27	302	.2	7
14700N 8100E	2	12	72	259	.2	4
14700N 8150E	1	22	29	188	.2	25
14700N 8200E	1	21	22	168	.1	95
STANDARD C/AU-S	20	59	40	135	7.6	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



## GEOCHEMICAL ANALYSIS CERTIFICATE

Romulus Resources Ltd. PROJECT PINE File # 92-2977 Page 1

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
LN160 72+00E	14	69	64	383	.1	14	11	1839	3.43	2	5	ND	1	82	5.6	2	2	50	.89	.044	20	14	.69	689	.02	2	3.67	.01	.08	1	1
LN160 72+50E	16	93	60	435	.3	15	14	2059	3.34	2	5	ND	4	135	6.6	2	2	56	1.82	.039	23	15	.60	840	.04	3	3.43	.02	.10	1	3
LN160 73+00E	5	12	29	156	.1	4	5	676	1.97	2	5	ND	3	72	1.1	2	2	37	.58	.014	7	5	.43	283	.11	2	1.49	.01	.07	1	4
LN160 73+50E	4	63	8	82	.8	50	3	204	.52	2	5	ND	2	318	2.2	2	2	7	4.96	.051	15	3	.13	514	.01	4	.65	.01	.05	1	2
LN160 74+00E	20	105	82	524	.1	13	11	1474	3.13	2	5	ND	2	129	3.0	2	2	52	1.38	.039	16	13	.63	572	.03	2	3.54	.02	.08	1	2
LN160 74+50E	5	232	70	340	1.3	19	10	387	3.91	2	5	ND	7	144	6.1	3	2	62	1.59	.060	20	20	.62	544	.02	2	5.89	.02	.15	1	6
LN160 75+00E	10	87	51	305	.5	11	9	964	2.77	3	5	ND	3	119	1.8	2	2	43	1.19	.038	22	13	.62	580	.05	2	2.73	.02	.12	1	4
LN160 75+50E	17	49	106	653	.1	9	12	754	4.25	2	5	ND	2	48	5.0	2	2	69	.31	.029	13	16	.39	255	.09	3	1.92	.01	.06	1	28
LN160 76+00E	8	18	17	191	.1	5	4	220	3.65	2	5	ND	2	33	2.3	2	2	84	.23	.021	6	10	.13	93	.10	2	1.22	.01	.04	1	8
LN160 76+50E	15	281	60	604	1.9	14	9	1074	3.12	2	5	ND	3	196	7.2	2	2	41	2.25	.093	44	13	.48	864	.03	2	3.19	.02	.09	1	16
LN160 77+00E	14	142	44	686	.6	12	12	1751	3.82	2	5	ND	2	93	9.6	2	2	62	.86	.040	19	18	.45	478	.09	2	2.04	.02	.07	1	11
LN160 77+50E	8	19	20	191	.1	4	4	435	2.42	2	5	ND	1	64	8.4	2	2	53	.48	.022	7	9	.14	223	.08	2	1.13	.01	.06	1	7
LN160 78+00E	7	49	17	224	.1	9	6	577	2.59	2	5	ND	2	71	1.0	2	2	48	.52	.019	11	13	.52	237	.10	2	1.86	.01	.05	1	3
LN160 78+50E	7	12	13	133	.1	9	5	244	2.64	2	5	ND	2	43	.7	2	2	64	.28	.012	7	16	.35	144	.07	2	1.40	.01	.06	1	2
LN160 79+00E	3	4	9	99	.1	5	5	287	2.62	2	5	ND	2	78	1.3	2	2	52	.34	.011	6	10	.36	151	.05	2	1.61	.01	.07	1	2
LN160 79+50E	20	181	13	109	.7	17	9	894	1.79	2	5	ND	2	315	4.4	2	2	32	3.46	.040	28	13	.42	411	.04	3	1.38	.02	.07	1	4
LN160 80+00E	10	198	26	246	.3	25	12	723	3.20	2	5	ND	3	212	3.5	2	2	56	1.91	.033	36	24	.74	522	.05	2	2.74	.02	.10	1	7
LN160 80+50E	8	133	21	194	.1	22	8	502	2.89	2	5	ND	3	118	2.8	2	2	58	.81	.035	20	26	.64	395	.06	2	2.43	.01	.11	1	4
RE LN160 78+50E	7	13	14	142	.1	10	5	265	2.86	2	5	ND	2	48	.9	2	2	68	.31	.014	8	18	.38	158	.08	2	1.53	.01	.05	1	4
LN160 81+50E	1	11	9	73	.1	7	4	231	4.40	2	5	ND	1	22	.9	2	2	116	.16	.071	8	25	.21	117	.05	2	1.23	.01	.05	1	600
LN160 82+00E	1	16	11	89	.1	44	9	408	4.02	4	5	ND	3	19	.4	2	2	66	.13	.090	9	43	.53	131	.03	2	2.51	.01	.08	1	2
LN162 72+00E	4	83	12	107	.2	7	5	492	1.74	2	5	ND	3	79	.5	2	2	25	.58	.019	12	7	.46	250	.03	2	2.00	.01	.09	1	8
LN162 72+50E	12	35	33	193	.1	4	7	715	1.64	2	5	ND	1	94	5.8	2	2	38	.67	.026	14	7	.21	541	.03	2	1.52	.01	.07	1	9
LN162 73+00E	8	82	44	268	.2	7	6	541	2.05	2	8	ND	2	193	3.0	2	2	36	2.00	.050	39	9	.34	836	.03	2	2.36	.02	.09	1	4
LN162 73+50E	9	16	37	126	.1	4	4	497	1.63	2	5	ND	2	65	1.6	2	2	41	.47	.012	9	5	.25	290	.07	2	1.47	.01	.05	1	14
LN162 74+00E	13	56	78	709	.1	14	13	970	3.75	2	5	ND	4	61	2.0	2	2	67	.42	.014	19	15	.67	570	.04	2	4.18	.02	.09	1	2
LN162 74+50E	5	13	17	197	.1	5	5	536	1.63	2	5	ND	2	41	.8	2	2	25	.27	.015	6	5	.40	323	.04	2	1.52	.01	.04	1	3
LN162 75+00E	11	43	60	404	.2	10	8	719	2.34	2	5	ND	3	63	1.1	2	2	41	.45	.023	12	11	.53	375	.06	2	2.83	.01	.07	1	5
LN162 75+50E	12	27	32	347	.1	5	5	450	2.65	3	5	ND	1	52	3.4	2	2	57	.31	.030	8	11	.33	179	.05	2	1.65	.01	.05	1	12
LN162 76+00E	15	24	37	397	.1	7	6	535	3.07	2	5	ND	2	55	2.5	2	2	47	.36	.021	8	10	.42	221	.09	2	1.77	.02	.05	1	6
LN162 76+50E	6	13	18	85	.1	3	2	151	2.15	2	5	ND	1	48	1.9	2	2	60	.27	.016	4	6	.10	108	.09	2	1.06	.01	.04	1	340
LN162 77+00E	5	10	58	223	.1	5	4	287	2.21	2	5	ND	2	29	1.5	2	3	46	.18	.024	8	11	.18	119	.06	2	1.47	.01	.05	1	4
LN162 77+50E	21	358	77	867	.9	20	15	1054	4.44	3	5	ND	5	125	5.3	2	5	63	1.17	.042	62	17	.57	726	.04	2	3.85	.02	.10	1	10
LN162 78+00E	30	2177	57	336	.8	22	14	1852	4.08	4	8	ND	4	145	3.5	2	2	59	1.43	.078	62	21	.82	556	.06	2	3.28	.02	.13	1	30
LN162 78+50E	8	826	33	211	.3	10	7	473	2.45	2	7	ND	2	174	5.8	2	2	39	1.41	.055	69	12	.39	715	.04	2	2.30	.02	.05	1	10
LN162 79+00E	7	123	20	305	.2	8	7	410	2.14	2	5	ND	3	88	3.8	2	2	43	.71	.028	14	11	.28	397	.06	2	1.71	.01	.08	1	3
LN162 79+50E	7	294	15	127	.3	14	7	450	2.00	2	5	ND	1	230	2.3	2	2	37	2.32	.050	25	14	.57	614	.05	2	1.86	.02	.05	1	6
STANDARD C/AU-S	19	60	41	132	7.3	75	31	1100	3.96	42	18	7	40	53	19.4	14	20	60	.50	.090	39	58	.94	177	.09	34	2.00	.07	.15	10	48

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS &gt; 1%, AG &gt; 30 PPM &amp; AU &gt; 1000 PPB

- SAMPLE TYPE: P1-P4 SOIL P5 ROCK

AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE

Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: SEP 4 1992 DATE REPORT MAILED: Sept 11/92 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
LN162 80+00E	9	155	7	103	.7	8	4	196	1.10	3	5	ND	5	303	2.3	2	2	20	3.31	.049	19	8	.26	558	.03	4	.96	.02	.05	2	1
LN162 80+50E	9	488	25	161	.4	20	8	575	2.58	2	5	ND	1	214	2.1	2	3	49	1.84	.063	39	20	.58	673	.05	4	2.23	.02	.04	1	9
LN162 82+00E	1	194	11	130	.1	31	8	292	1.81	2	5	ND	4	117	.4	2	2	39	.88	.045	22	34	.72	374	.07	3	2.01	.02	.09	1	6
LN164 72+50E	9	849	31	172	.2	14	12	1128	3.34	2	5	ND	4	105	1.3	2	2	64	.66	.033	28	15	.75	813	.06	4	3.15	.02	.06	1	4
LN164 73+00E	9	705	39	266	.9	17	14	1334	3.20	2	5	ND	4	183	2.2	2	2	61	1.85	.041	38	15	.83	1349	.02	3	3.67	.02	.09	1	4
LN164 73+50E	10	14	20	75	.1	4	3	307	1.94	2	5	ND	2	63	.8	2	2	50	.35	.012	7	7	.24	236	.08	2	1.37	.02	.07	1	4
LN164 74+00E	13	360	44	396	.6	14	11	1148	3.56	2	5	ND	3	163	2.8	2	2	79	1.68	.036	28	15	.58	909	.06	3	2.71	.02	.09	1	2
RE LN164 76+50E	15	79	21	230	.1	4	6	406	2.86	2	5	ND	2	63	8.9	2	2	69	.36	.017	8	11	.25	219	.05	2	1.27	.02	.05	1	9
LN164 74+50E	13	582	40	252	2.5	15	10	1034	2.60	2	45	ND	5	279	3.1	2	2	47	3.58	.107	57	11	.50	885	.02	3	3.14	.02	.11	1	9
LN164 75+00E	23	406	88	505	.4	11	16	1191	3.58	2	5	ND	2	116	4.3	2	2	76	.97	.033	16	16	.44	642	.06	3	2.54	.02	.06	1	4
LN164 75+50E	26	625	32	178	1.7	9	17	990	3.46	2	45	ND	3	317	2.4	2	2	49	3.41	.119	62	9	.47	1009	.02	4	2.53	.02	.07	1	14
LN164 76+00E	17	25	25	134	.1	4	4	288	3.40	2	5	ND	3	112	3.5	2	2	115	.43	.019	9	9	.20	161	.12	3	1.60	.02	.05	1	3
LN164 76+50E	17	83	23	241	.1	4	7	428	3.05	2	5	ND	2	68	9.7	2	4	76	.38	.018	8	11	.26	224	.06	4	1.33	.02	.05	1	12
LN164 77+00E	39	1313	251	370	1.8	16	29	3683	3.98	2	19	ND	6	274	12.8	2	2	63	2.61	.141	79	12	.40	920	.04	6	5.54	.02	.06	1	10
LN164 77+50E	3	23	37	240	.5	11	6	436	2.99	3	5	ND	5	51	1.1	3	3	56	.31	.025	8	13	.42	135	.11	3	2.12	.03	.06	2	9
LN164 78+00E	6	7	8	60	.2	3	2	153	1.84	2	5	ND	3	56	1.7	2	2	55	.45	.009	6	9	.07	149	.07	2	.94	.02	.08	1	3
LN164 78+50E	4	17	12	119	.1	8	4	334	3.08	2	5	ND	3	51	1.2	3	2	67	.28	.022	7	12	.34	109	.11	4	1.62	.02	.05	1	4
LN164 79+00E	1	13	18	236	.1	15	8	592	3.31	2	5	ND	2	48	.6	2	2	68	.25	.043	8	19	.50	142	.10	3	2.00	.02	.05	1	3
LN164 79+50E	10	11	12	71	.1	12	5	709	2.81	2	5	ND	1	51	.3	2	2	71	.27	.025	8	16	.44	114	.11	4	1.58	.02	.05	1	22
LN164 80+00E	16	37	19	99	.2	16	10	645	3.23	2	5	ND	3	49	.3	2	2	82	.35	.018	12	23	.52	291	.08	3	1.89	.02	.06	1	6
LN164 80+50E	3	45	19	141	.2	18	10	617	3.42	2	5	ND	3	50	.5	2	2	86	.34	.018	9	16	.76	195	.06	3	2.29	.01	.08	1	2
LN164 81+00E	9	321	31	197	.7	44	10	601	2.67	3	10	ND	4	154	1.1	2	2	53	1.34	.061	70	35	.68	745	.01	3	2.23	.01	.11	1	6
LN164 81+50E	2	46	21	86	.2	34	11	432	3.46	5	5	ND	10	51	.3	2	2	79	.32	.030	13	29	.76	181	.08	4	2.95	.02	.05	1	17
LN164 82+00E	12	39	15	75	.3	28	10	576	2.61	5	5	ND	4	93	.4	2	2	57	.73	.057	13	25	.74	314	.08	3	1.79	.01	.09	1	5

\* Lines 160N & 162N are "B" series for File #92-2977

STANDARD C/AU-S	18	64	42	132	7.5	76	31	1070	3.96	43	18	7	40	54	18.7	14	21	62	.50	.090	40	58	.90	177	.09	35	1.93	.07	.15	10	49
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Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**ii (d) - Northwest Grid**

**Acme File No. 92-1940**



GEOCHEMICAL ANALYSIS CERTIFICATE



Romulus Resources Ltd. File # 92-1940 Page 1  
 920 - 1188 W. Georgia St., Vancouver BC V6E 4A2

SAMPLE#	Mo	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	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
10600N 8700E	1	27	48	208	.5	5	6	906	4.31	7	5	ND	1	40	.5	2	2	62	.25	.085	9	6	.69	77	.03	4	2.55	.02	.04	1	8
10600N 8750E	1	15	52	163	.6	4	5	754	3.79	2	5	ND	1	45	.3	2	3	59	.23	.072	8	6	.65	96	.03	4	2.84	.02	.04	1	660
10600N 8800E	2	29	58	305	1.9	6	5	768	4.06	2	5	ND	1	32	1.0	2	4	51	.18	.103	18	8	.44	129	.04	6	3.56	.02	.03	1	7
10600N 8850E	1	15	36	144	.1	5	4	533	4.48	3	5	ND	1	32	.2	2	2	69	.14	.083	7	8	.39	83	.03	4	2.47	.02	.02	1	3
10600N 8900E	3	25	35	728	1.2	7	7	860	3.26	10	5	ND	3	43	1.2	2	3	50	.40	.090	15	9	.75	122	.05	5	1.82	.02	.11	5	45
10600N 8950E	2	21	52	111	.6	4	3	428	3.79	7	5	ND	1	40	.2	2	2	60	.17	.090	10	7	.27	84	.03	3	1.91	.02	.07	1	11
10600N 9000E	1	24	43	118	.7	5	4	812	3.31	8	5	ND	1	38	.2	2	2	53	.13	.099	15	11	.34	106	.04	3	1.98	.03	.09	1	6
10600N 9050E	4	74	67	328	.5	5	6	882	4.58	8	5	ND	1	59	1.6	2	2	53	.30	.069	14	7	.70	139	.04	4	2.31	.02	.07	1	16
RE 10600N 9250E	1	30	108	155	.5	6	3	660	6.41	11	5	ND	1	42	.2	2	2	57	.11	.123	12	8	.60	188	.03	4	3.15	.02	.07	1	8
10600N 9100E	4	32	74	137	.3	4	4	744	3.46	3	5	ND	1	61	.2	2	2	58	.18	.047	11	6	.57	135	.03	5	2.40	.02	.06	1	14
10600N 9150E	6	37	92	166	1.2	7	4	718	5.06	9	5	ND	1	50	.2	2	6	60	.15	.104	13	9	.61	130	.03	4	2.83	.03	.09	1	7
10600N 9200E	4	25	78	148	1.4	6	4	517	4.45	8	5	ND	1	41	.2	2	2	57	.14	.134	15	8	.45	149	.03	5	3.32	.03	.06	1	12
10600N 9250E	1	28	114	154	.5	4	3	642	6.45	12	5	ND	1	41	.2	2	2	56	.11	.123	13	7	.59	184	.03	5	3.17	.03	.08	1	5
10600N 9300E	2	23	89	87	1.1	4	3	412	3.65	4	5	ND	1	39	.2	2	2	55	.10	.111	14	9	.39	154	.02	3	3.65	.03	.07	1	75
10600N 9350E	1	46	138	175	2.2	9	4	605	6.87	10	5	ND	2	55	.2	2	2	52	.08	.123	16	11	.58	254	.05	6	4.54	.04	.11	1	75
10600N 9400E	2	52	96	220	1.0	10	5	722	5.35	8	5	ND	1	55	.2	2	2	50	.11	.085	16	12	.66	175	.04	7	3.60	.03	.10	1	11
10600N 9450E	3	39	124	116	1.4	5	2	370	5.61	7	5	ND	2	46	.2	2	2	57	.08	.131	15	8	.34	222	.02	3	3.55	.04	.10	1	17
10600N 9500E	3	76	162	231	1.3	6	3	873	6.74	7	5	ND	1	56	.2	2	3	49	.10	.134	19	8	.66	284	.03	3	3.75	.04	.13	1	22
10600N 9550E	6	68	178	975	.4	3	4	983	4.28	6	5	ND	1	89	4.3	2	2	38	.67	.184	24	6	.55	564	.01	3	2.74	.03	.16	1	12
10600N 9600E	8	44	229	445	.8	3	4	722	4.45	17	5	ND	1	119	3.0	2	2	36	.67	.130	19	3	.50	515	.01	4	1.73	.04	.26	1	16
10600N 9650E	7	51	181	425	1.2	5	8	1171	4.80	19	5	ND	1	109	3.3	2	2	36	.65	.120	22	5	.62	463	.02	4	1.86	.06	.26	1	27
10600N 9700E	8	59	250	693	1.3	5	11	1537	5.43	20	5	ND	2	95	4.7	2	2	35	.43	.132	23	3	.55	293	.02	4	1.77	.06	.34	2	44
10600N 9750E	1	34	102	236	.1	2	12	3345	5.08	2	5	ND	1	45	1.2	2	2	42	.81	.145	31	3	1.32	256	.05	4	2.31	.02	.16	1	6
10600N 9800E	1	71	307	676	.2	4	21	3032	6.86	13	5	ND	1	105	6.7	2	2	47	.57	.168	28	2	.92	296	.04	3	2.35	.06	.18	1	12
10600N 9850E	1	49	107	601	.1	2	14	2415	5.40	3	5	ND	1	98	4.7	2	2	42	.74	.155	27	1	.90	259	.05	2	2.04	.04	.13	1	10
10600N 9900E	1	48	125	470	.4	2	16	2956	4.99	6	5	ND	1	106	4.1	2	2	39	.71	.185	27	2	.63	348	.02	3	1.96	.05	.18	1	25
10600N 9950E	4	49	129	586	.3	1	16	2069	6.41	11	5	ND	3	122	5.3	2	2	39	.56	.160	29	1	.48	263	.05	5	1.47	.08	.23	1	6
10600N 10000E	7	17	38	126	.2	2	8	808	5.74	9	5	ND	1	244	.3	2	2	21	.31	.131	29	1	.24	137	.01	5	1.22	.28	.32	1	2
10400N 8650E	1	15	44	173	.2	4	5	1022	4.36	3	5	ND	1	49	.4	2	2	77	.20	.099	8	7	.31	187	.03	5	1.82	.03	.06	1	5
10400N 8700E	3	20	47	156	.5	7	4	558	4.43	5	5	ND	2	36	.5	2	2	84	.16	.078	9	9	.30	102	.03	4	2.34	.02	.06	1	2
10400N 8750E	4	29	61	194	.1	5	6	2452	3.15	2	5	ND	1	59	3.6	2	2	57	.55	.125	12	8	.33	517	.02	3	2.02	.02	.06	1	3
10400N 8800E	5	65	76	823	.1	5	11	2467	4.70	5	5	ND	1	60	4.5	2	2	48	.36	.127	18	8	.72	286	.03	2	2.20	.04	.09	1	14
10400N 8850E	1	15	35	222	.1	3	5	674	3.42	3	5	ND	1	37	.3	2	2	46	.21	.097	11	5	.46	101	.02	3	2.20	.02	.05	1	9
10400N 8900E	2	85	62	268	.5	6	8	2241	3.67	28	5	ND	1	93	1.7	2	2	55	.65	.133	23	10	.46	722	.02	3	2.56	.03	.12	1	9
10400N 8950E	4	38	50	80	.1	3	3	388	2.56	2	5	ND	1	46	.2	2	2	45	.12	.048	10	5	.27	118	.02	3	2.01	.02	.05	1	21
10400N 9000E	5	21	51	71	.6	2	2	403	4.25	3	5	ND	1	29	.2	2	2	61	.09	.123	12	6	.20	106	.03	2	2.70	.02	.05	1	4
10400N 9050E	6	42	106	129	.1	3	3	567	5.63	4	5	ND	1	52	.2	2	2	59	.12	.123	13	5	.35	225	.03	2	2.96	.02	.05	1	29
STANDARD C/AU-S	17	58	38	126	6.9	70	30	1025	3.89	37	19	7	38	53	17.6	13	21	57	.47	.088	37	58	.87	173	.09	34	1.83	.08	.13	10	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 16 1992 DATE REPORT MAILED: *July 22/92* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10400N 9100E	7	50	211	170	1.1	3	8	785	5.74	6	5	ND	1	61	1.6	2	2	40	.13	.138	12	6	.57	322	.04	4	3.21	.02	.13	1	26
10400N 9150E	6	40	200	147	1.4	3	5	724	5.80	7	5	ND	1	104	1.9	2	3	58	.15	.118	13	5	.64	466	.08	2	1.88	.05	.17	1	4
10400N 9200E	6	36	110	126	.8	9	9	577	7.57	3	5	ND	1	53	.6	3	2	57	.08	.142	14	13	.48	307	.06	2	3.12	.03	.10	1	12
10400N 9250E	6	55	111	190	1.6	8	12	1020	7.86	2	5	ND	1	61	.4	2	2	54	.08	.163	14	10	.56	317	.05	3	4.20	.03	.11	1	20
10400N 9300E	6	46	161	167	1.2	6	9	711	8.66	2	5	ND	1	63	.2	2	2	69	.07	.143	13	8	.60	383	.06	2	2.83	.03	.14	1	4
10400N 9350E	10	25	176	106	1.9	2	6	507	6.22	8	5	ND	1	54	.7	2	4	64	.09	.120	13	7	.41	375	.05	2	2.85	.03	.14	1	13
10400N 9400E	7	63	180	215	1.9	3	9	852	8.72	2	5	ND	1	66	.3	2	2	65	.09	.220	17	7	.67	334	.03	2	3.31	.03	.13	1	8
10400N 9450E	7	64	131	214	2.2	5	9	897	9.07	2	5	ND	1	56	.2	2	2	78	.09	.270	16	7	.65	318	.05	2	3.06	.03	.11	1	3
10400N 9500E	8	45	185	172	2.4	2	9	893	7.06	2	5	ND	1	42	.7	2	2	48	.08	.176	16	6	.42	333	.02	2	3.09	.03	.11	1	11
RE 10400N 9700E	6	156	399	1183	1.1	10	31	3288	5.75	4	5	ND	1	77	10.7	2	2	51	.45	.176	29	9	.92	545	.06	2	2.74	.03	.12	1	49
10400N 9550E	22	254	985	643	2.6	6	37	4125	7.37	24	5	ND	1	47	3.1	2	3	42	.30	.256	13	6	.75	148	.03	2	2.84	.02	.12	1	30
10400N 9600E	15	253	1339	864	1.6	6	28	3777	6.67	10	5	ND	1	52	5.3	2	3	53	.37	.166	18	5	.93	540	.02	2	2.63	.01	.13	1	16
10400N 9650E	19	142	1022	522	1.0	3	37	3690	7.03	2	5	ND	1	65	3.4	2	3	49	.59	.234	20	3	1.07	513	.04	2	2.92	.01	.11	1	10
10400N 9700E	6	155	427	1181	1.2	9	32	3315	5.68	2	5	ND	1	75	11.3	3	2	49	.46	.172	28	8	.92	534	.06	2	2.65	.03	.12	1	39
10400N 9750E	6	93	503	333	1.0	12	12	1089	5.27	2	5	ND	1	47	2.1	2	4	50	.21	.175	17	11	.61	147	.04	2	3.37	.02	.09	1	84
10400N 9800E	3	66	81	488	.5	5	19	2659	4.29	4	5	ND	1	88	3.1	4	2	46	.71	.169	15	7	.84	184	.02	2	3.60	.02	.10	1	7
10400N 9850E	4	92	92	389	.8	10	11	1448	4.32	3	5	ND	1	40	4.5	3	2	44	.24	.224	16	12	.51	147	.02	2	2.77	.02	.07	1	5
10400N 9900E	6	149	76	670	.8	17	19	2062	5.20	2	5	ND	1	47	3.7	2	3	44	.17	.115	17	18	.64	209	.04	2	2.51	.02	.14	1	19
10400N 9950E	8	281	219	684	1.5	8	23	2973	5.36	7	5	ND	1	85	3.6	2	2	32	.28	.180	15	8	.74	223	.04	5	2.48	.02	.16	1	5
10400N 10000E	5	131	96	492	.6	16	25	2395	4.13	5	6	ND	1	60	4.0	2	4	38	.26	.155	19	16	.53	329	.03	2	2.44	.02	.07	1	5
10400N 10050E	4	106	166	436	.6	7	17	2410	3.75	9	5	ND	1	65	3.2	2	2	39	.28	.186	15	9	.44	180	.03	2	2.46	.01	.07	1	4
10400N 10100E	6	84	313	1454	.1	12	26	3560	6.31	6	5	ND	1	34	8.1	2	2	104	.55	.135	26	12	.99	731	.02	2	2.73	.01	.07	1	2
10400N 10150E	4	48	90	351	.6	15	14	1971	5.20	2	5	ND	1	37	1.7	2	2	67	.26	.139	19	18	.71	347	.02	2	2.49	.02	.09	1	3
10400N 10200E	8	100	1264	717	5.6	8	27	3393	7.63	4	5	ND	1	80	7.3	3	7	38	.14	.122	43	7	.22	139	.01	4	1.76	.05	.40	1	56
10400N 10250E	5	177	1146	1434	.5	11	27	3512	7.02	2	5	ND	1	41	8.3	2	2	80	.17	.155	30	12	.64	406	.01	2	3.06	.02	.10	1	6
10400N 10300E	11	86	307	636	1.8	5	16	1212	7.60	5	5	ND	1	89	2.2	2	5	48	.07	.186	27	6	.27	235	.01	2	2.25	.05	.27	1	17
10400N 10350E	8	68	248	346	2.0	5	17	2215	7.65	12	5	ND	1	121	2.4	2	2	49	.13	.270	21	6	.27	191	.02	2	2.26	.06	.31	1	51
10400N 10400E	10	78	425	334	2.4	5	16	1483	8.12	24	5	ND	1	122	1.8	2	2	43	.08	.273	21	5	.25	142	.02	6	2.14	.07	.36	1	53
10400N 10450E	7	26	191	113	1.4	1	6	430	6.41	12	5	ND	1	184	2.1	2	2	40	.06	.309	26	3	.16	361	.02	2	2.70	.07	.25	1	12
10400N 10500E	6	32	150	84	1.4	3	6	473	6.25	13	6	ND	1	132	.7	3	2	32	.04	.171	22	4	.16	353	.03	2	2.33	.09	.21	1	10
10400N 10550E	3	27	117	136	.8	4	9	965	4.51	13	5	ND	1	60	1.0	2	2	43	.17	.242	14	10	.31	217	.02	2	1.97	.02	.12	1	13
10400N 10600E	9	22	166	70	2.5	3	4	263	4.28	5	5	ND	1	64	.8	2	2	40	.06	.074	15	7	.18	189	.02	2	2.04	.02	.13	1	29
10400N 10650E	5	31	164	151	1.2	10	7	446	5.12	4	5	ND	1	87	1.3	2	2	41	.11	.113	16	12	.42	225	.03	2	2.84	.03	.13	1	10
10400N 10700E	7	25	146	87	.7	6	7	375	4.50	2	5	ND	1	152	.4	2	2	33	.08	.088	16	9	.37	172	.04	2	2.26	.02	.08	1	41
10400N 10750E	4	14	107	60	1.2	2	5	185	3.84	8	5	ND	1	89	.7	3	2	39	.07	.121	16	6	.14	282	.02	4	1.85	.04	.14	1	5
10400N 10800E	10	28	177	104	1.1	3	8	609	7.60	2	5	ND	3	70	.3	2	2	40	.05	.179	16	6	.44	238	.03	5	3.28	.04	.17	1	43
10400N 10850E	8	39	239	84	1.2	4	5	413	5.78	2	5	ND	1	57	.2	2	3	34	.05	.175	22	7	.32	196	.01	3	2.00	.02	.11	1	390
STANDARD C/AU-S	18	56	38	129	6.8	70	31	1012	3.87	38	17	7	36	53	17.4	15	19	56	.47	.083	36	58	.87	173	.09	35	1.83	.06	.15	11	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10400N 10900E	6	29	64	145	1.3	5	7	579	4.97	5	5	ND	1	82	2.6	2	2	46	.26	.103	17	11	.45	256	.05	3	2.88	.02	.11	2	16
10400N 10950E	13	33	202	68	.5	2	6	404	6.28	2	5	ND	1	118	.3	2	2	27	.06	.316	16	5	.26	330	.02	2	2.55	.03	.13	1	32
10400N 11000E	10	41	200	122	.6	6	7	492	5.17	5	5	ND	1	123	1.2	2	2	35	.08	.170	22	10	.42	354	.01	2	2.08	.03	.17	1	67
10400N 11050E	4	46	185	282	.3	7	12	1711	4.91	5	5	ND	1	50	2.4	2	4	59	.25	.177	18	10	.49	284	.01	3	2.16	.02	.11	1	14
10400N 11100E	3	32	55	431	.1	3	17	1629	6.23	2	5	ND	1	46	1.8	2	2	71	.19	.300	14	8	.38	180	.02	4	3.10	.01	.07	1	2
10400N 11150E	4	35	34	230	.2	4	25	2997	4.73	2	5	ND	1	94	3.1	2	2	69	.39	.145	11	7	.45	429	.02	3	2.43	.01	.13	1	1
RE 10400N 11400E	23	26	56	119	.3	2	8	894	4.05	4	5	ND	1	50	.6	2	3	50	.09	.124	8	8	.18	113	.03	2	1.66	.01	.07	1	31
10400N 11200E	5	19	126	325	.1	3	18	3925	5.34	2	5	ND	1	39	5.4	2	2	49	.19	.212	12	7	.45	305	.02	4	2.69	.01	.07	1	5
10400N 11250E	16	19	85	220	.3	5	8	668	5.61	3	5	ND	1	77	.6	2	4	50	.08	.161	15	9	.32	207	.02	2	2.44	.03	.09	1	3
10400N 11300E	7	22	91	154	.4	4	7	461	4.77	4	5	ND	1	106	1.2	2	3	44	.12	.135	16	7	.33	297	.01	2	1.97	.03	.14	1	19
10400N 11350E	9	24	77	161	.6	5	7	474	3.99	2	5	ND	1	69	1.0	2	2	42	.11	.162	15	10	.32	188	.02	5	2.17	.02	.11	1	30
10400N 11400E	24	25	55	125	.3	5	7	890	4.04	7	5	ND	1	51	.2	2	4	50	.09	.123	9	9	.18	117	.03	2	1.68	.01	.08	1	23
10400N 11450E	7	14	37	50	.1	6	5	783	2.51	2	5	ND	1	30	.2	2	2	45	.04	.082	5	14	.11	97	.01	2	1.79	.01	.07	1	9
10400N 11500E	8	27	102	148	.4	4	8	446	4.65	2	5	ND	1	47	.7	2	2	61	.09	.143	9	9	.25	247	.01	2	2.41	.01	.10	1	6
10300N 10000E	8	130	245	465	.9	14	20	1747	5.90	5	5	ND	1	75	1.5	2	2	55	.15	.178	20	14	.54	445	.02	3	2.98	.02	.15	1	11
10200N 8600E	2	30	106	256	.3	5	16	2001	6.78	2	5	ND	1	61	.3	2	2	107	.26	.115	9	12	.61	130	.06	2	2.50	.01	.07	1	1
10200N 8650E	1	16	79	131	.3	5	11	1520	3.54	2	5	ND	1	84	.3	2	2	77	.43	.078	8	6	.68	73	.07	4	1.84	.02	.07	1	1
10200N 8700E	5	26	57	291	1.0	5	6	570	2.50	5	5	ND	1	41	1.8	2	2	42	.29	.086	11	10	.47	108	.02	2	1.99	.01	.07	1	11
10200N 8750E	5	38	77	546	.7	5	10	1163	3.69	4	5	ND	1	50	3.3	2	2	48	.40	.093	14	8	.65	218	.04	2	1.71	.01	.07	1	8
10200N 8800E	5	30	58	244	.3	6	6	601	3.31	2	5	ND	1	52	.2	2	2	43	.32	.069	13	11	.53	255	.03	3	2.49	.01	.05	1	15
10200N 8850E	9	61	107	864	.8	5	30	2330	4.94	10	5	ND	2	47	1.8	2	3	42	.22	.130	13	7	.61	159	.03	4	3.67	.01	.08	1	16
10200N 8900E	9	43	58	93	1.1	6	7	505	5.92	3	5	ND	1	28	.2	2	2	40	.10	.131	10	11	.28	134	.04	3	2.86	.02	.05	1	32
10200N 8950E	5	15	56	54	.5	2	4	356	2.88	2	5	ND	1	33	.2	2	3	51	.12	.058	10	10	.20	102	.03	2	2.08	.01	.05	1	9
10200N 9000E	6	42	99	129	1.2	5	7	472	6.24	2	5	ND	1	34	.2	2	2	45	.10	.182	18	11	.37	142	.03	2	3.09	.02	.06	1	6
10200N 9050E	6	28	104	105	.7	5	6	439	5.51	3	5	ND	1	40	.2	2	2	57	.10	.139	13	12	.37	175	.04	2	2.35	.02	.07	1	33
10200N 9100E	6	38	131	143	.8	3	7	601	5.80	3	5	ND	1	53	.3	2	2	56	.14	.131	12	8	.47	230	.03	2	2.88	.02	.09	1	4
10200N 9150E	5	39	97	129	.7	8	6	474	5.46	2	5	ND	1	53	.2	2	4	60	.09	.125	12	14	.38	242	.03	2	2.81	.02	.09	1	14
10200N 9200E	6	57	157	193	1.0	3	8	769	6.98	3	5	ND	1	86	.3	2	2	63	.08	.186	15	7	.54	359	.04	2	3.16	.04	.15	1	10
10200N 9250E	6	60	105	160	1.4	8	8	670	5.47	2	5	ND	2	64	.7	2	3	54	.12	.131	18	11	.51	293	.04	5	3.09	.03	.11	1	4
10200N 9300E	8	68	163	201	1.2	5	8	798	6.10	7	5	ND	1	76	.2	2	2	53	.12	.157	18	8	.62	389	.04	2	2.79	.04	.17	1	14
10200N 9350E	6	104	159	221	1.2	7	8	1057	5.87	3	5	ND	1	67	.2	2	2	54	.27	.139	18	8	.75	516	.04	2	3.02	.03	.15	1	8
10200N 9400E	7	120	182	275	1.5	6	10	1079	6.57	6	5	ND	1	71	.2	2	3	49	.12	.173	20	7	.71	322	.06	3	2.80	.04	.18	1	100
10200N 9450E	14	124	359	332	1.4	8	13	1300	6.25	9	5	ND	1	58	.4	2	3	46	.15	.171	19	10	.67	299	.04	4	2.92	.04	.15	1	17
10200N 9500E	89	165	2092	344	5.8	4	12	734	9.95	40	5	ND	1	151	.4	2	6	33	.12	.306	24	4	.47	106	.02	2	2.40	.07	.44	1	30
10200N 9550E	9	105	278	248	1.0	7	10	897	6.89	2	5	ND	1	44	.8	2	2	46	.13	.295	14	10	.55	172	.03	3	2.72	.03	.12	1	37
10200N 9600E	15	198	197	485	.6	3	11	1419	7.35	11	5	ND	1	72	2.1	2	2	43	.24	.242	17	6	.51	235	.07	4	2.79	.04	.19	1	33
10200N 9650E	4	226	2098	1090	.7	7	15	1951	4.86	2	5	ND	2	62	7.2	2	2	70	.45	.082	19	8	1.03	1185	.03	6	2.37	.02	.12	1	6
STANDARD C/AU-S	19	57	39	135	6.7	66	32	1045	4.03	39	20	7	36	52	17.2	15	19	55	.49	.092	35	58	.90	181	.09	34	1.93	.07	.15	10	51

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10200N 9700E	5	57	103	390	.1	7	8	1109	5.36	9	5	ND	1	70	.7	2	5	45	.13	.092	16	8	.62	178	.04	6	3.13	.07	.10	1	4
10200N 9750E	5	51	78	309	.1	10	8	1086	4.59	15	5	ND	1	35	1.0	2	6	42	.14	.105	11	10	.67	151	.02	2	2.58	.04	.07	1	4
10200N 9800E	4	202	153	903	.2	4	7	1813	5.13	8	5	ND	1	50	4.8	2	7	37	.20	.141	15	4	.63	289	.02	3	2.25	.03	.10	1	3
10200N 9850E	3	63	133	405	.8	7	8	959	5.41	10	5	ND	1	67	1.5	2	3	38	.11	.113	16	8	.46	203	.04	3	2.73	.04	.12	1	8
10200N 9900E	6	68	198	392	.6	7	8	1513	5.45	11	5	ND	1	87	1.8	2	6	50	.16	.149	22	7	.54	297	.02	6	2.44	.05	.15	1	6
10200N 9950E	1	103	199	275	1.7	4	4	609	7.57	10	5	ND	2	96	1.3	2	3	37	.08	.156	21	3	.31	92	.04	3	2.12	.16	.34	1	10
10200N 10000E	4	14	30	50	.1	2	3	326	4.57	6	5	ND	1	108	.2	2	5	13	.07	.066	29	3	.10	173	.01	3	.74	.24	.20	1	1
10200N 10050E	1	20	28	36	.1	3	1	118	11.22	8	5	ND	2	179	.2	2	2	23	.03	.099	27	2	.09	47	.03	2	.95	.56	.60	1	13
10200N 10100E	3	46	32	175	.1	13	12	1846	5.47	5	5	ND	1	42	.4	2	2	67	.29	.107	20	11	.59	165	.02	7	3.74	.05	.07	1	3
10200N 10150E	4	45	65	194	.1	5	6	1577	5.40	5	5	ND	1	55	1.5	2	2	46	.13	.181	15	7	.25	267	.02	6	2.50	.07	.14	1	2
10200N 10200E	3	48	100	256	.8	6	5	1067	7.25	15	5	ND	1	67	.2	2	2	65	.11	.194	19	7	.41	231	.02	5	3.80	.07	.13	1	3
10200N 10250E	1	67	120	259	.8	3	4	841	7.95	10	5	ND	2	78	.2	4	2	69	.09	.338	23	4	.26	258	.02	3	3.12	.08	.20	1	2
RE 10200N 10500E	3	65	437	269	3.2	5	2	602	7.88	12	5	ND	1	75	1.2	2	2	48	.09	.214	24	5	.40	203	.01	3	2.28	.10	.30	1	8
10200N 10300E	1	113	144	382	.3	6	14	2154	10.39	12	5	ND	1	81	.2	2	2	68	.11	.279	24	5	.49	147	.02	4	3.20	.14	.28	1	10
10200N 10350E	3	92	435	359	1.5	7	6	991	7.99	14	5	ND	1	73	1.4	2	3	47	.10	.209	25	6	.53	120	.02	3	2.23	.11	.33	1	19
10200N 10400E	4	92	470	353	1.5	5	5	947	8.03	16	5	ND	1	76	1.7	2	2	45	.10	.213	25	5	.54	96	.03	2	2.16	.12	.33	1	18
10200N 10450E	3	78	444	346	2.3	6	7	1045	8.09	22	9	ND	3	81	1.4	2	2	49	.10	.218	25	7	.50	142	.02	3	2.34	.10	.32	2	17
10200N 10500E	4	61	430	260	2.8	3	2	577	7.69	12	5	ND	1	72	1.3	2	2	46	.08	.207	23	5	.40	180	.01	3	2.21	.10	.29	1	10
10200N 10550E	6	46	211	271	1.0	5	4	451	5.55	15	5	ND	2	242	.8	2	2	32	.16	.140	26	5	.24	258	.01	2	1.39	.11	.26	1	9
10200N 10600E	3	23	190	87	.6	2	1	335	1.99	5	5	ND	1	111	.4	2	2	27	.24	.175	18	6	.31	299	.01	5	2.13	.02	.09	1	13
10200N 10650E	5	44	151	144	.2	4	3	402	4.17	2	5	ND	2	242	.2	2	2	39	.05	.107	27	5	.30	249	.02	2	2.90	.03	.13	1	23
10200N 10700E	11	64	176	185	1.2	9	3	364	5.35	8	10	ND	3	141	.3	2	2	56	.06	.137	25	10	.28	196	.02	3	3.03	.04	.14	1	11
10200N 10750E	17	40	170	76	1.6	2	1	406	4.48	5	5	ND	1	98	.6	2	2	34	.04	.114	20	5	.20	386	.01	3	2.52	.03	.19	1	52
10200N 10800E	74	25	167	34	.9	3	1	158	3.90	6	5	ND	3	37	.2	2	3	32	.02	.065	18	5	.11	229	.03	4	1.56	.03	.15	1	420
10200N 10850E	36	45	123	75	1.8	6	1	334	4.34	2	5	ND	1	58	.2	2	2	32	.03	.088	22	8	.19	193	.02	4	2.21	.04	.12	1	330
10200N 10900E	33	31	176	44	1.6	3	1	199	4.38	2	5	ND	1	68	.2	2	2	28	.03	.105	20	5	.16	163	.02	2	2.32	.04	.10	1	410
10200N 10950E	23	24	273	28	.7	3	1	291	4.17	3	5	ND	1	91	.2	2	2	30	.02	.115	25	3	.15	204	.02	2	1.57	.05	.12	1	590
10200N 11000E	15	42	197	41	3.3	3	1	200	4.08	3	6	ND	4	116	.2	2	2	25	.02	.144	36	5	.13	189	.02	3	1.91	.04	.15	1	680
10200N 11050E	19	46	132	107	.2	2	1	348	2.86	4	5	ND	1	330	.6	2	2	15	.05	.126	21	2	.24	260	.01	2	1.41	.02	.15	1	120
10200N 11100E	7	31	88	39	.7	3	1	93	1.95	2	5	ND	1	123	.2	2	2	40	.09	.091	10	7	.08	156	.01	2	1.67	.02	.04	1	53
10200N 11150E	11	141	71	155	5.4	4	1	470	4.30	2	5	ND	4	564	1.0	2	2	32	.12	.126	23	5	.36	206	.01	2	3.45	.02	.13	1	31
10200N 11200E	9	58	125	106	2.8	6	2	503	5.40	8	5	ND	4	211	.2	2	2	55	.11	.165	18	12	.46	204	.04	5	2.55	.03	.12	2	23
10200N 11250E	3	23	76	62	1.5	6	2	182	3.34	6	5	ND	4	81	.2	4	2	64	.09	.077	12	14	.17	164	.02	3	1.75	.02	.10	2	11
10200N 11300E	4	30	94	219	.8	7	4	508	3.08	2	5	ND	1	203	1.1	2	2	34	.96	.119	22	9	.41	366	.02	5	2.28	.02	.12	2	16
10200N 11400E	5	31	95	110	.8	11	3	271	5.58	5	5	ND	2	120	.2	2	2	58	.08	.124	15	20	.39	231	.03	5	2.96	.03	.10	2	52
10200N 11450E	8	33	176	60	2.7	6	1	227	4.40	6	5	ND	2	168	.2	2	2	40	.06	.112	21	12	.25	201	.02	2	2.47	.02	.12	3	10
10200N 11500E	3	21	43	19	3.5	4	1	80	1.03	2	5	ND	1	42	.4	2	3	22	.09	.094	13	6	.08	88	.01	3	2.68	.02	.05	2	3
STANDARD C/AU-S	18	57	38	126	6.9	71	29	981	3.75	38	19	7	37	52	17.2	15	21	54	.46	.086	35	55	.84	165	.09	34	1.81	.08	.14	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10100N 1000E	1	48	140	540	.1	1	3	146	3.51	2	5	ND	1	68	.2	2	2	7	.05	.104	33	1	.04	965	.01	6	1.93	.02	.20	1	1
10000N 8550E	2	18	48	149	.2	6	4	493	4.72	5	5	ND	2	36	.2	2	4	70	.09	.072	10	9	.36	97	.05	6	2.75	.03	.09	1	2
10000N 8600E	1	31	67	260	.5	7	6	767	4.71	6	5	ND	2	45	.7	2	2	60	.15	.098	11	8	.59	112	.03	6	3.03	.03	.11	1	12
10000N 8700E	4	32	74	127	.3	4	3	606	5.13	9	5	ND	1	47	.2	2	2	54	.12	.135	12	7	.41	143	.03	6	2.72	.03	.09	1	12
10000N 8750E	2	48	92	454	.1	4	9	1476	4.16	9	5	ND	1	62	2.6	2	2	54	.48	.098	14	6	.57	211	.04	7	1.45	.02	.14	1	78
10000N 8800E	4	72	79	131	.1	4	4	433	2.70	3	5	ND	1	51	.6	2	2	49	.13	.041	15	8	.36	260	.03	5	2.19	.03	.08	1	87
10000N 8850E	1	29	104	158	.1	7	4	542	6.52	13	5	ND	1	37	.2	3	2	65	.09	.112	12	10	.44	118	.03	7	3.00	.02	.09	2	9
10000N 8900E	3	11	52	59	.2	2	2	317	3.84	10	5	ND	1	22	.2	2	2	68	.09	.079	10	4	.16	85	.02	6	1.83	.02	.05	1	8
10000N 8950E	3	19	85	62	.4	2	1	252	3.99	8	5	ND	1	31	.2	2	2	72	.10	.061	11	5	.16	134	.04	5	2.07	.02	.07	1	9
10000N 9000E	1	24	60	64	.5	3	1	241	3.67	4	5	ND	1	38	.2	2	2	63	.11	.068	10	7	.19	116	.03	4	1.80	.02	.07	1	24
10000N 9050E	2	21	76	68	.3	1	1	342	2.85	2	5	ND	1	44	.3	2	2	52	.12	.066	13	6	.21	180	.04	5	2.31	.02	.10	1	37
10000N 9100E	1	21	86	52	.5	3	1	209	2.92	2	5	ND	1	44	.2	2	2	65	.14	.060	11	6	.13	172	.04	4	2.04	.02	.07	1	7
10000N 9150E	3	48	172	304	1.7	4	4	1025	7.79	16	5	ND	1	223	1.0	5	3	75	.17	.233	30	5	.69	361	.05	5	3.36	.08	.23	2	11
10000N 9200E	4	75	136	217	1.0	6	3	730	6.42	10	5	ND	1	82	.3	2	3	58	.09	.145	19	6	.58	455	.04	6	3.09	.07	.21	1	10
10000N 9250E	4	42	122	97	1.6	4	2	434	3.93	4	6	ND	1	54	.4	2	2	49	.09	.126	17	6	.33	397	.02	5	2.52	.04	.18	1	9
10000N 9300E	2	85	159	345	2.3	6	6	834	4.89	2	7	ND	1	44	1.9	2	3	41	.16	.168	21	7	.34	396	.02	5	3.11	.05	.18	1	6
10000N 9350E	5	53	117	116	1.0	2	1	544	7.17	4	5	ND	1	99	.2	2	2	40	.06	.151	20	3	.44	123	.16	7	1.96	.16	.38	1	9
10000N 9400E	4	45	86	114	.9	4	2	483	4.78	4	5	ND	1	37	.2	2	3	53	.08	.110	15	7	.29	231	.03	5	2.45	.04	.10	1	3
10000N 9450E	3	109	128	342	1.5	4	8	1512	5.94	10	5	ND	1	72	1.0	2	2	50	.18	.186	25	3	.75	412	.06	6	2.54	.05	.18	1	16
RE 10000N 9850E	3	58	222	256	.7	7	11	1438	7.09	7	8	ND	1	87	.2	2	2	37	.07	.215	31	6	.40	274	.04	5	2.40	.10	.25	1	10
10000N 9500E	2	85	228	307	1.5	4	4	1150	7.67	4	5	ND	1	68	.2	2	3	60	.10	.253	30	5	.54	286	.03	2	3.15	.06	.21	1	10
10000N 9550E	1	68	105	226	.7	4	5	645	4.35	3	5	ND	1	53	1.3	2	2	37	.12	.175	21	7	.40	224	.02	5	2.61	.06	.14	1	4
10000N 9600E	2	43	113	181	.4	5	4	631	4.42	2	5	ND	1	54	.6	2	2	38	.10	.166	17	7	.39	197	.02	5	2.43	.06	.13	1	5
10000N 9650E	2	32	91	118	.4	2	3	538	3.32	2	5	ND	1	39	.3	2	2	40	.09	.151	14	6	.22	189	.02	5	2.10	.04	.12	1	6
10000N 9700E	3	30	159	123	2.7	4	3	516	5.46	2	5	ND	1	41	.5	2	3	41	.06	.180	18	6	.26	294	.02	5	3.03	.06	.18	1	3
10000N 9750E	1	74	220	194	1.8	5	6	918	8.01	5	5	ND	1	50	.2	2	2	38	.06	.197	17	5	.61	211	.01	4	3.62	.05	.13	1	5
10000N 9800E	1	15	47	40	.2	3	1	131	6.69	3	5	ND	1	134	.2	2	2	17	.04	.121	18	1	.10	142	.04	5	1.36	.33	.35	1	7
10000N 9850E	1	56	223	256	.3	6	11	1416	7.26	5	5	ND	1	87	.3	2	2	36	.07	.214	30	6	.38	271	.03	6	2.39	.11	.21	1	13
10000N 9900E	3	41	101	149	.2	7	10	1272	6.45	5	5	ND	1	64	.2	2	2	35	.08	.202	25	7	.41	225	.03	5	2.49	.09	.17	1	7
10000N 9950E	2	18	52	108	.1	3	7	869	6.41	5	5	ND	1	90	.2	2	2	28	.05	.165	25	4	.33	238	.06	5	1.74	.13	.19	1	6
10000N 10000E	5	22	54	121	.2	11	8	729	5.61	4	5	ND	1	59	.3	2	2	37	.09	.176	19	12	.43	215	.03	5	2.70	.09	.14	1	4
10000N 10050E	3	30	52	145	.1	12	10	1393	5.51	15	5	ND	1	50	.2	2	2	40	.11	.141	30	14	.40	256	.02	6	2.50	.08	.17	1	3
10000N 10100E	1	41	210	226	.5	6	2	358	8.59	7	5	ND	1	95	.2	2	2	71	.05	.201	31	8	.31	154	.03	5	2.18	.22	.31	1	8
10000N 10150E	1	80	437	221	1.2	8	2	455	11.22	4	8	ND	3	113	.5	2	2	63	.04	.267	30	6	.31	91	.03	3	2.27	.32	.59	2	6
10000N 10200E	2	54	157	178	.9	5	2	429	9.30	4	5	ND	2	111	.2	2	2	67	.04	.225	30	6	.35	107	.08	3	2.06	.23	.41	1	5
10000N 10250E	3	25	106	82	.5	2	1	188	5.79	3	5	ND	1	56	.2	2	2	48	.05	.151	21	5	.18	379	.02	4	2.25	.09	.17	1	2
10000N 10300E	1	20	74	57	1.3	6	2	283	4.69	2	24	ND	3	37	.2	2	2	55	.04	.109	15	8	.17	240	.02	4	2.16	.05	.16	1	2
STANDARD C/AU-S	18	58	39	132	7.5	73	32	1068	3.93	38	18	7	39	54	18.7	14	21	60	.48	.090	39	59	.89	176	.09	34	1.85	.08	.15	10	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



ACME ANALYTICAL



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1000N 10350E	2	23	105	54	1.1	2	2	123	2.98	5	5	ND	2	47	.9	6	2	41	.05	.139	13	7	.05	239	.02	2	1.52	.04	.13	3	2
1000N 10400E	4	23	182	45	1.5	1	2	147	2.85	4	5	ND	1	68	1.0	4	2	40	.06	.110	17	6	.07	220	.02	2	1.65	.04	.14	2	2
1000N 10450E	5	32	105	82	.6	7	3	389	5.57	8	5	ND	2	227	1.4	3	9	61	.11	.144	19	11	.33	301	.04	2	3.05	.07	.17	3	2
1000N 10500E	12	35	172	111	1.6	4	4	556	9.17	18	5	ND	1	185	.2	2	2	60	.07	.203	21	6	.37	190	.03	2	2.78	.09	.25	2	4
1000N 10550E	9	62	149	212	.8	4	7	806	7.78	46	5	ND	2	170	.6	2	2	112	.14	.152	18	7	.16	286	.05	2	2.20	.04	.12	3	1
1000N 10600E	8	44	108	111	1.3	5	4	495	7.19	13	5	ND	1	247	.5	2	2	70	.11	.216	17	7	.31	305	.04	2	2.45	.07	.17	3	5
1000N 10650E	6	111	74	124	1.1	7	14	1184	3.46	6	5	ND	1	105	2.9	2	2	41	.38	.313	14	11	.23	210	.02	2	2.55	.03	.12	2	6
1000N 10700E	5	21	71	147	.6	6	5	286	4.03	3	5	ND	1	65	1.7	5	2	61	.09	.082	13	14	.12	233	.03	2	2.45	.02	.09	3	4
1000N 10750E	12	33	98	155	.7	7	4	315	5.04	4	5	ND	1	135	1.8	2	3	47	.09	.120	17	10	.26	252	.03	2	3.42	.03	.14	3	64
1000N 10800E	16	41	89	120	2.8	3	3	293	3.55	4	5	ND	1	102	1.5	3	2	53	.11	.083	14	7	.19	219	.02	2	2.32	.02	.11	3	61
1000N 10850E	9	27	332	130	1.0	5	3	235	3.96	2	5	ND	2	150	1.0	4	2	39	.07	.124	25	8	.12	275	.02	2	3.49	.02	.11	4	50
1000N 10900E	13	78	376	68	4.7	1	2	582	5.08	8	5	ND	4	378	.6	2	6	33	.05	.126	30	6	.22	218	.03	2	2.64	.02	.20	2	63
1000N 10950E	11	138	183	103	2.8	11	5	505	5.01	13	5	ND	5	107	2.2	2	3	50	.09	.094	16	12	.42	194	.06	2	3.13	.03	.18	3	30
1000N 11000E	21	140	224	204	2.3	4	5	576	6.11	23	5	ND	5	128	.8	2	2	58	.13	.125	19	7	.39	258	.04	2	2.91	.03	.27	1	42
1000N 11050E	15	140	458	98	1.3	3	3	551	4.91	14	5	ND	1	195	2.9	2	5	40	.15	.215	24	7	.25	287	.03	2	1.92	.04	.28	3	56
1000N 11100E	15	71	185	102	1.1	8	4	350	4.86	10	5	ND	1	148	.9	2	3	66	.13	.119	17	15	.37	257	.05	2	2.50	.03	.18	2	7
1000N 11150E	9	50	99	101	1.6	8	4	323	5.52	8	5	ND	2	64	1.0	3	2	74	.11	.107	10	17	.24	118	.07	2	2.83	.02	.08	3	10
1000N 11200E	31	155	261	127	2.1	2	3	1014	6.73	14	6	ND	4	240	.3	2	4	74	.15	.190	16	4	.67	253	.08	2	3.49	.03	.20	4	42
1000N 11250E	9	51	94	70	.8	5	3	350	5.08	6	5	ND	2	119	.6	2	4	50	.08	.146	12	11	.25	248	.04	2	2.22	.02	.11	2	5
RE 1000N 11050E	14	131	411	91	1.2	2	2	528	4.60	11	5	ND	1	184	3.1	2	2	37	.15	.204	22	6	.24	277	.03	2	1.81	.04	.28	3	68
1000N 11300E	13	94	336	77	2.8	4	3	458	6.44	13	5	ND	5	135	.3	4	2	81	.13	.142	14	9	.37	157	.06	2	3.78	.02	.09	4	6
1000N 11350E	8	39	173	67	2.5	7	4	277	4.82	7	5	ND	2	284	1.0	3	3	67	.07	.123	19	18	.23	202	.05	2	2.35	.02	.11	3	6
1000N 11400E	10	34	243	63	2.3	3	3	229	3.70	10	5	ND	2	189	.8	2	2	49	.08	.108	23	9	.12	253	.02	2	1.95	.02	.13	2	5
1000N 11450E	6	30	96	71	1.5	3	2	279	3.88	5	5	ND	1	83	.9	2	2	56	.15	.092	15	9	.20	188	.05	2	2.13	.03	.09	2	3
1000N 11500E	5	29	52	94	.9	4	3	305	3.85	8	5	ND	1	67	.7	2	2	55	.19	.076	11	11	.21	142	.06	2	2.06	.02	.08	3	3
9800N 8350E	3	24	54	212	.5	5	5	451	4.84	8	5	ND	1	37	.7	2	2	61	.10	.114	10	9	.35	108	.03	2	2.28	.02	.08	1	9
9800N 8400E	3	28	54	157	.4	6	4	480	4.40	6	5	ND	2	39	.8	2	2	62	.14	.088	12	10	.37	99	.06	2	2.61	.02	.07	3	7
9800N 8450E	3	23	53	159	.1	5	5	503	4.23	5	5	ND	1	41	.5	2	2	48	.12	.107	9	9	.39	92	.04	2	2.14	.02	.06	3	6
9800N 8500E	3	27	46	186	.4	6	5	602	4.46	6	5	ND	1	42	.8	2	2	56	.14	.100	10	9	.48	99	.04	3	2.69	.02	.07	2	7
9800N 8550E	4	33	56	275	.3	4	5	677	3.18	6	5	ND	1	50	1.3	2	2	44	.29	.086	12	7	.48	151	.03	5	1.85	.02	.07	1	11
9800N 8600E	4	31	51	179	.6	5	5	586	4.50	6	5	ND	1	41	1.1	2	2	56	.14	.084	10	9	.38	140	.05	3	2.70	.02	.06	3	13
9800N 8700E	4	30	65	146	.4	4	5	639	4.95	12	5	ND	1	35	.7	2	2	49	.11	.118	10	8	.40	105	.03	2	2.76	.02	.07	2	29
9800N 8750E	4	35	72	121	.8	4	5	618	5.73	13	5	ND	1	51	.2	2	3	55	.10	.173	12	7	.37	158	.03	3	2.50	.02	.08	3	10
9800N 8800E	6	48	103	285	.6	6	7	793	4.55	15	5	ND	1	54	1.3	3	2	45	.14	.078	13	9	.64	191	.04	4	2.79	.03	.11	2	81
9800N 8850E	5	31	58	109	1.0	3	3	412	4.16	9	5	ND	1	45	.5	2	2	49	.09	.094	12	8	.26	154	.03	2	2.47	.02	.07	2	5
9800N 8900E	7	72	126	170	1.0	4	4	604	5.59	16	5	ND	1	89	.7	2	2	52	.09	.110	18	6	.55	494	.05	2	2.37	.04	.19	2	7
9800N 8950E	4	67	71	175	.6	4	4	669	6.51	10	5	ND	1	69	.3	3	2	51	.07	.199	15	6	.51	244	.06	4	2.49	.04	.12	3	4
STANDARD C/AU-S	18	58	39	131	6.8	68	30	1029	3.92	39	21	7	36	53	19.0	13	20	55	.48	.087	36	56	.88	175	.09	35	1.84	.07	.15	10	45

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9800N 9000E	7	38	86	85	2.5	4	2	403	5.34	2	5	ND	1	54	.2	2	2	32	.04	.166	14	4	.26	321	.04	5	3.30	.05	.13	1	6
9800N 9050E	6	45	115	130	.7	4	2	520	4.89	5	5	ND	1	55	.3	2	2	45	.07	.131	17	8	.40	292	.04	2	2.08	.04	.12	1	8
9800N 9100E	6	71	101	186	1.0	6	4	873	5.65	8	5	ND	2	56	.2	2	3	42	.07	.151	15	6	.60	360	.09	5	1.63	.04	.16	1	14
9800N 9150E	4	37	62	80	1.2	4	2	423	4.51	2	5	ND	1	33	.2	2	2	45	.07	.135	11	3	.20	180	.02	4	2.66	.03	.08	1	3
9800N 9200E	6	51	71	121	1.0	5	2	606	6.27	2	5	ND	1	46	.2	2	2	52	.06	.209	17	8	.31	281	.03	2	2.56	.04	.11	1	3
9800N 9250E	6	65	104	182	1.0	3	3	1172	7.22	6	5	ND	1	65	.2	2	3	64	.11	.239	16	3	.62	450	.06	2	2.27	.03	.14	1	1
9800N 9300E	6	80	81	165	1.3	5	3	973	7.15	3	5	ND	1	45	.2	2	2	61	.08	.187	14	7	.58	250	.04	2	2.81	.03	.12	2	6
9800N 9350E	5	54	111	191	1.2	6	4	893	6.24	7	5	ND	1	38	.2	2	2	49	.07	.136	15	5	.59	195	.03	2	2.91	.02	.08	2	53
9800N 9400E	12	92	240	248	2.3	6	4	791	6.88	10	5	ND	1	65	.6	2	2	54	.08	.230	26	6	.43	354	.02	2	2.20	.05	.22	1	25
9800N 9450E	7	115	80	266	2.1	10	6	1069	6.47	3	5	ND	1	45	.2	2	3	45	.08	.157	20	12	.61	226	.04	6	2.78	.04	.15	2	9
9800N 9500E	5	80	154	228	1.3	13	7	905	6.38	5	5	ND	2	44	.4	2	2	42	.07	.152	24	13	.58	301	.05	3	2.13	.05	.17	1	8
9800N 9550E	5	65	180	211	1.0	16	9	904	6.78	2	5	ND	1	46	.2	2	2	43	.08	.186	25	15	.57	323	.05	4	2.52	.05	.17	1	7
9800N 9600E	3	33	154	115	.8	13	5	603	5.44	2	5	ND	1	49	.5	2	2	38	.07	.143	18	14	.42	344	.05	5	1.90	.06	.21	1	6
9800N 9650E	3	18	101	74	1.1	6	2	293	5.87	2	5	ND	1	40	1.4	2	2	37	.05	.175	13	5	.22	368	.02	3	2.47	.05	.24	1	3
9800N 9700E	2	22	224	78	1.1	5	2	377	8.59	2	5	ND	1	174	.3	2	2	36	.03	.267	26	5	.35	266	.04	2	1.79	.10	.22	1	10
9800N 9750E	3	49	79	92	.5	6	3	428	9.40	2	5	ND	1	128	.2	2	2	56	.04	.252	18	6	.37	259	.06	2	2.04	.11	.21	1	8
9800N 9800E	1	39	170	84	.1	4	2	422	15.82	2	5	ND	2	169	.6	2	2	110	.04	.480	26	5	.39	62	.16	2	1.83	.25	.40	1	5
9800N 9850E	4	132	107	154	1.1	1	1	251	10.20	2	5	ND	1	129	1.8	2	2	26	.03	.187	18	1	.14	51	.03	2	1.01	.36	.80	1	5
9800N 9900E	25	68	346	82	5.3	3	2	285	18.07	2	5	ND	1	78	.2	2	31	46	.02	.178	16	1	.11	45	.07	2	.70	.18	1.62	1	23
9800N 9950E	26	151	342	86	3.2	2	2	199	10.58	3	5	ND	1	60	1.1	2	13	34	.02	.151	15	1	.09	50	.02	2	.69	.16	.92	1	510
9800N 10000E	4	14	51	34	.3	1	1	351	6.99	14	5	ND	1	68	.2	2	2	15	.02	.104	14	2	.36	68	.01	5	.98	.17	.61	1	6
9800N 10050E	3	13	30	23	.3	1	1	292	5.20	14	5	ND	1	39	.2	3	2	15	.01	.080	13	1	.27	341	.01	5	1.16	.08	.23	1	5
9800N 10100E	5	95	121	44	1.2	1	2	265	11.71	4	5	ND	1	76	.2	2	2	70	.02	.169	19	1	.12	63	.05	4	1.51	.21	.74	1	7
9800N 10150E	9	73	127	38	1.3	3	2	219	10.80	10	5	ND	1	107	.2	2	3	51	.02	.168	20	2	.09	58	.04	3	1.15	.27	.74	1	3
9800N 10200E	10	55	268	63	2.0	2	2	162	10.30	5	5	ND	1	82	.3	2	2	39	.01	.187	17	1	.06	73	.02	3	1.13	.16	.92	1	3
9800N 10250E	7	54	79	73	.5	3	2	413	9.91	17	5	ND	2	100	.2	2	2	69	.03	.251	22	1	.34	179	.09	2	1.82	.09	.24	1	19
RE 9800N 10050E	3	15	32	23	.4	1	1	281	5.20	14	5	ND	1	39	.2	2	2	15	.01	.081	13	1	.27	354	.01	3	1.16	.08	.23	1	7
9800N 10300E	6	43	65	70	1.2	8	3	323	6.50	12	5	ND	1	66	.2	3	2	46	.03	.119	18	9	.32	317	.04	4	2.68	.06	.17	1	21
9800N 10350E	8	42	89	91	.6	7	3	539	5.96	10	5	ND	1	84	.2	2	2	58	.06	.141	17	9	.31	346	.03	4	2.52	.04	.16	1	6
9800N 10400E	6	32	197	107	1.5	6	4	300	6.39	3	5	ND	1	82	.2	2	2	47	.06	.115	17	7	.25	281	.02	3	3.14	.04	.13	1	15
9800N 10450E	6	39	120	109	3.0	9	4	337	6.59	4	5	ND	1	116	.2	2	2	39	.05	.134	18	9	.33	367	.01	2	3.37	.06	.20	1	8
9800N 10500E	6	23	64	94	2.1	6	4	334	5.71	5	5	ND	1	133	.2	2	2	58	.11	.107	19	12	.34	276	.03	2	3.07	.04	.12	1	2
9800N 10550E	5	18	116	74	1.1	7	3	264	4.53	6	5	ND	2	129	.2	2	2	46	.06	.070	19	7	.27	211	.03	3	2.82	.02	.08	1	11
9800N 10600E	6	29	97	60	.9	9	4	247	4.59	7	5	ND	2	122	.2	2	2	34	.04	.075	18	8	.29	182	.03	3	2.66	.02	.08	1	28
9800N 10650E	8	37	206	93	.9	7	3	486	6.59	5	5	ND	3	138	.2	2	2	63	.06	.121	22	9	.34	310	.03	2	2.93	.03	.11	1	41
9800N 10700E	6	26	84	113	1.0	14	5	331	5.55	2	5	ND	1	89	.2	2	2	52	.07	.090	15	16	.36	177	.05	6	3.42	.02	.08	1	12
9800N 10750E	5	24	44	113	.3	17	5	325	4.91	3	5	ND	1	73	.2	2	2	56	.21	.121	10	21	.39	204	.04	5	2.26	.02	.07	1	8
STANDARD C/AU-S	18	58	38	135	6.8	72	31	1063	3.98	38	19	7	36	52	17.4	14	19	55	.49	.092	36	58	.89	179	.09	36	1.94	.06	.15	10	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9800N 10800E	18	21	59	80	.1	13	3	285	5.55	7	5	ND	1	77	.2	2	2	57	.08	.107	12	18	.35	121	.04	2	3.40	.03	.04	1	45
9800N 10850E	16	18	62	74	.9	7	2	232	5.39	8	5	ND	1	88	.2	2	2	78	.07	.110	14	17	.24	130	.06	2	2.49	.03	.05	1	20
9800N 10900E	18	23	52	102	1.9	10	2	218	5.17	13	5	ND	3	123	.2	3	2	64	.07	.141	15	14	.24	129	.04	3	3.48	.02	.08	3	130
9800N 10950E	1	28	52	138	.2	7	2	290	6.61	26	5	ND	1	231	.2	2	2	88	.09	.183	18	9	.31	162	.07	2	3.27	.02	.05	1	92
9800N 11000E	12	27	121	120	.9	4	1	242	5.92	14	5	ND	3	125	.2	2	2	60	.06	.137	18	5	.22	224	.04	2	1.98	.05	.11	1	15
9800N 11050E	4	28	117	158	.2	4	2	313	6.61	14	5	ND	2	111	.2	2	2	62	.06	.149	19	7	.27	252	.04	2	2.20	.05	.09	2	14
9800N 11100E	7	30	88	148	.9	13	4	379	6.39	12	5	ND	4	110	.2	2	2	80	.09	.153	17	17	.45	167	.06	2	2.88	.03	.10	1	16
9800N 11150E	21	26	71	134	.4	6	2	285	4.66	11	5	ND	1	239	.2	2	2	68	.10	.110	17	11	.31	205	.04	2	2.71	.03	.09	2	23
9800N 11250E	12	45	42	75	.1	5	2	237	4.06	6	5	ND	1	252	.2	2	2	67	.14	.138	19	9	.22	209	.04	2	2.10	.05	.06	1	28
9800N 11300E	9	78	47	40	1.6	5	1	196	7.09	14	5	ND	2	609	.2	2	4	44	.11	.235	19	7	.16	296	.06	2	2.58	.20	.22	1	10
9800N 11350E	7	27	291	54	2.6	7	2	223	4.70	7	5	ND	4	208	.2	2	2	46	.06	.130	16	8	.23	259	.03	2	3.14	.05	.15	1	6
9800N 11400E	9	30	71	90	1.1	13	3	313	5.41	9	5	ND	1	62	.2	2	2	75	.11	.083	11	20	.35	132	.06	2	3.02	.02	.04	1	20
9800N 11450E	7	59	183	129	10.9	16	5	386	5.43	13	5	ND	5	151	.2	5	2	62	.10	.083	20	20	.44	245	.04	2	3.79	.02	.11	4	33
9800N 11500E	11	23	53	107	3.3	9	3	342	4.85	8	5	ND	1	64	.2	2	2	65	.16	.082	10	15	.33	144	.06	2	3.29	.02	.01	1	5
9600N 10000E	9	31	23	92	.1	29	11	1852	3.99	21	5	ND	2	87	.2	2	3	65	1.19	.178	33	41	.92	258	.14	3	2.56	.03	.12	1	54
9600N 10050E	1	14	28	89	.1	7	7	1665	3.44	16	5	ND	1	61	.2	2	2	51	.98	.146	31	6	.58	163	.14	3	2.47	.03	.13	1	12
9600N 10100E	1	3	36	116	.1	4	9	2471	6.16	8	5	ND	7	66	.2	2	2	90	.67	.146	35	2	.99	131	.03	3	2.25	.02	.11	1	12
9600N 10150E	9	20	223	158	.9	6	8	1145	5.41	31	8	ND	5	60	.2	3	12	52	.19	.086	17	5	.56	349	.02	2	1.59	.02	.22	3	24
9600N 10200E	7	15	60	113	.4	6	5	955	5.46	17	5	ND	1	92	.2	2	2	37	.10	.126	17	6	.28	291	.02	2	1.67	.19	.21	1	7
9600N 10250E	9	16	69	87	.3	5	3	612	5.84	14	5	ND	1	119	.2	2	2	42	.08	.201	21	6	.26	329	.02	2	2.26	.19	.14	1	6
9600N 10300E	9	17	98	62	.1	4	1	258	4.89	13	5	ND	1	89	.2	2	2	34	.05	.109	15	5	.29	279	.02	2	2.52	.08	.07	1	6
RE 9600N 10150E	9	22	230	162	.1	8	8	1126	5.51	30	5	ND	1	61	.3	2	12	51	.19	.087	14	6	.57	353	.02	2	1.66	.03	.16	1	14
9600N 10350E	8	13	152	37	.8	5	1	260	4.79	31	5	ND	1	78	.2	2	8	40	.05	.082	13	3	.22	256	.01	3	1.43	.06	.16	1	7
9600N 10400E	5	21	302	42	.1	3	1	146	7.85	24	5	ND	1	92	.2	2	10	63	.08	.183	12	2	.15	330	.01	2	1.47	.09	.14	1	5
9600N 10450E	1	48	465	72	.8	3	1	364	7.16	17	5	ND	1	94	.5	2	2	35	.10	.154	23	1	.26	164	.01	2	1.70	.20	.36	1	9
9600N 10500E	5	65	488	67	1.1	5	1	388	12.63	20	5	ND	7	292	.2	2	2	94	.08	.317	39	2	.31	160	.11	2	2.05	.17	.32	1	9
9600N 10550E	3	18	82	125	.1	9	5	555	5.54	9	5	ND	1	52	.2	2	3	93	.14	.090	10	10	.42	111	.07	2	2.80	.03	.02	1	10
9600N 10600E	5	22	82	136	.2	12	8	692	4.94	10	5	ND	2	64	.2	2	2	80	.23	.074	13	11	.61	123	.08	3	3.18	.03	.08	1	26
9600N 10650E	15	10	46	23	.3	1	1	91	5.91	5	5	ND	1	187	.2	2	2	26	.04	.057	12	1	.09	144	.12	2	.99	.04	.38	1	27
9600N 10700E	9	19	148	91	.4	4	1	451	4.23	5	5	ND	1	143	.7	2	7	55	.06	.115	18	4	.40	260	.02	2	2.63	.03	.11	1	98
9600N 10750E	25	47	245	208	.1	1	1	704	9.56	16	5	ND	6	660	2.8	2	2	82	.16	.351	96	1	.63	303	.17	2	3.64	.03	.07	1	91
9600N 10800E	10	19	309	92	.6	4	1	377	7.68	8	5	ND	5	253	.2	2	2	72	.09	.193	33	2	.44	256	.05	2	3.30	.03	.13	2	77
9600N 10850E	31	17	96	51	1.0	5	1	144	3.14	6	5	ND	1	92	.2	2	10	44	.07	.059	10	5	.13	206	.01	2	1.60	.02	.11	1	160
9600N 10900E	12	58	41	145	2.1	12	7	384	4.40	9	5	ND	6	229	.2	2	2	63	.15	.121	26	7	.49	315	.03	2	4.82	.02	.10	3	31
9600N 10950E	19	61	168	92	3.7	3	2	276	4.46	17	5	ND	5	240	.8	2	3	50	.07	.109	21	7	.31	301	.01	3	2.72	.02	.19	1	46
9600N 11000E	2	21	61	152	.8	10	3	255	4.60	7	5	ND	1	115	.5	2	2	72	.09	.079	12	18	.33	172	.04	2	2.36	.02	.05	1	43
9600N 11050E	10	19	49	124	.1	6	2	181	3.73	5	5	ND	1	151	.5	2	4	49	.08	.073	14	13	.22	196	.03	2	1.92	.04	.05	1	23
STANDARD C/AU-S	18	58	39	131	7.0	71	31	1051	3.93	38	21	7	38	54	18.5	15	20	58	.48	.090	38	58	.87	176	.09	35	1.87	.08	.15	10	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
9600N 11100E	6	28	62	106	.7	7	5	382	3.34	3	5	ND	1	256	.2	2	2	35	.13	.089	20	6	.26	209	.04	4	1.70	.02	.11	1	37
9600N 11150E	3	15	44	63	.8	4	2	92	3.11	3	5	ND	1	190	.2	2	2	31	.10	.109	16	8	.12	123	.02	4	1.13	.01	.04	1	98
9600N 11200E	9	112	59	621	.6	6	33	2141	9.18	4	5	ND	1	82	5.9	2	2	28	.27	.117	12	3	.23	221	.03	2	2.72	.08	.14	1	10
9600N 11250E	4	34	32	160	.1	2	4	355	34.54	2	5	ND	2	19	.2	7	8	7	.02	.060	3	1	.03	38	.01	2	.48	.01	.02	1	16
9600N 11300E	4	32	31	106	.6	12	5	298	5.20	2	5	ND	1	44	.6	2	2	57	.08	.109	8	21	.27	105	.05	3	2.61	.01	.04	1	6
9600N 11350E	7	35	55	181	.5	12	7	448	5.80	15	5	ND	2	216	1.5	2	2	85	.24	.314	13	14	.50	175	.09	2	3.26	.01	.05	1	5
9600N 11400E	7	67	56	367	1.2	58	14	539	6.07	2	5	ND	1	89	1.0	2	2	75	.13	.080	8	56	1.02	152	.08	2	4.04	.01	.04	1	5
9600N 11450E	5	36	36	219	.6	18	8	490	6.45	4	5	ND	1	101	1.2	2	2	89	.29	.214	11	21	.55	150	.11	3	2.77	.01	.06	1	4
9600N 11500E	6	28	25	178	.5	8	5	460	6.20	3	5	ND	1	47	.6	2	2	58	.12	.101	12	11	.30	104	.10	2	2.76	.03	.06	1	6
9600N 11550E	4	31	45	144	.6	3	4	289	3.35	5	5	ND	1	63	2.0	2	2	55	.20	.079	10	4	.15	161	.03	2	1.58	.02	.08	1	3
RE 9600N 11400E	8	66	56	390	1.3	61	14	580	6.31	2	5	ND	1	93	.8	2	2	78	.13	.084	9	56	1.07	159	.08	2	4.22	.01	.04	1	5
9600N 11600E	3	41	51	241	.8	8	6	587	4.06	3	5	ND	1	53	1.7	2	2	59	.20	.055	9	14	.39	124	.09	2	2.25	.02	.06	1	4
STANDARD C/AU-S	18	57	39	133	6.9	69	31	1065	4.00	38	18	7	37	53	18.2	14	19	55	.49	.091	36	57	.89	178	.09	34	1.91	.07	.15	10	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**ii (e) - Northwest Fill-in Grid**

**Acme File # 92-2260**



## GEOCHEMICAL ANALYSIS CERTIFICATE



Romulus Resources Ltd. PROJECT PINE File # 92-2260 Page 1

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.K. BOWEN

SAMPLE#	Mo	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	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppb	
10750E 10400N	6	45	230	74	1.0	4	1	282	5.20	9	5	ND	1	45	.2	2	2	24	.05	.148	22	5	.23	158	.01	4	1.54	.02	.08	1	640
10750E 10375N	4	61	216	44	.5	1	1	154	6.49	6	5	ND	1	38	.2	2	2	25	.03	.107	24	3	.09	88	.01	2	1.23	.01	.09	1	93
10750E 10350N	46	35	602	32	1.3	1	1	213	4.56	19	5	ND	2	108	.2	2	2	14	.03	.388	46	1	.11	229	.02	3	1.40	.05	.17	1	110
10750E 10325N	7	28	144	56	.3	3	1	225	3.40	6	5	ND	1	57	.2	3	2	51	.04	.121	14	6	.17	168	.02	3	2.14	.03	.12	1	25
10750E 10300N	9	41	117	75	1.1	5	2	317	4.80	14	5	ND	2	83	.2	3	2	41	.05	.091	17	12	.29	159	.05	3	2.41	.04	.12	1	40
10750E 10275N	19	50	126	63	.7	6	2	320	4.89	12	5	ND	1	72	.2	2	2	31	.04	.083	18	9	.25	230	.03	2	1.40	.04	.16	1	96
10750E 10250N	31	29	123	37	.9	2	1	184	4.02	8	5	ND	1	35	.2	2	2	32	.02	.050	16	5	.12	156	.02	2	1.35	.02	.13	1	61
10750E 10225N	14	31	123	66	.9	2	1	286	3.66	7	5	ND	1	40	.2	2	2	31	.03	.086	15	6	.18	191	.02	2	1.90	.02	.16	1	81
10750E 10200N	19	29	193	58	.9	2	1	210	3.77	5	5	ND	3	55	.2	2	2	30	.02	.056	17	6	.15	184	.02	2	1.97	.02	.14	1	96
10750E 10175N	16	25	416	85	1.4	4	1	203	2.71	4	5	ND	1	61	.3	2	2	27	.04	.059	16	7	.16	163	.03	2	2.14	.02	.09	1	430
10750E 10150N	18	40	446	103	.1	3	1	263	3.15	3	5	ND	1	48	.3	2	2	28	.04	.067	17	8	.18	190	.02	2	2.06	.02	.10	1	230
10750E 10125N	7	23	228	107	.2	4	2	229	3.33	4	5	ND	1	88	.7	2	2	36	.06	.069	16	6	.15	188	.03	2	2.29	.02	.08	1	34
10750E 10100N	7	27	104	141	.5	5	2	255	4.01	6	5	ND	1	202	.9	2	2	50	.13	.117	18	7	.23	253	.06	2	2.82	.03	.08	1	320
10750E 10075N	7	42	128	237	.2	5	4	441	4.02	2	5	ND	1	411	2.4	2	2	59	.22	.210	24	7	.33	407	.04	2	2.71	.02	.09	1	17
10750E 10050N	2	61	143	496	.8	7	9	1662	5.35	2	5	ND	1	189	3.8	2	2	75	.22	.171	23	8	.52	409	.06	2	2.92	.02	.06	1	19
10750E 10025N	1	20	64	132	.5	8	3	225	4.06	4	5	ND	1	43	.8	2	2	55	.08	.082	11	18	.24	144	.07	2	2.20	.02	.06	1	8
10800E 10400N	1	29	53	133	1.5	5	2	440	4.53	6	5	ND	1	73	1.6	2	2	37	.20	.124	16	6	.29	255	.03	2	2.59	.03	.12	1	15
10800E 10375N	5	27	113	76	.7	2	1	203	4.27	4	5	ND	1	45	.2	2	2	29	.09	.128	16	4	.13	176	.01	2	1.34	.02	.09	1	12
10800E 10350N	7	43	255	82	.5	3	1	396	5.65	6	5	ND	1	97	.4	2	2	46	.06	.168	18	7	.30	329	.02	2	2.65	.05	.18	1	43
10800E 10325N	6	36	171	68	.3	4	1	244	4.48	3	5	ND	1	58	.3	2	2	48	.04	.092	15	8	.17	268	.02	2	2.09	.04	.12	1	99
10800E 10300N	14	37	200	68	.6	4	1	329	5.54	12	5	ND	1	47	.4	2	2	37	.03	.090	17	8	.18	213	.03	2	1.88	.04	.16	1	100
10800E 10275N	15	34	208	56	.4	4	1	215	4.20	5	5	ND	1	70	.2	2	2	45	.04	.120	16	5	.12	233	.01	2	1.36	.03	.15	1	91
10800E 10250N	10	27	80	68	1.0	5	1	265	4.79	2	5	ND	2	30	.2	2	2	20	.02	.111	17	8	.15	106	.02	3	3.60	.04	.09	1	84
10800E 10225N	41	47	146	65	1.1	3	1	224	6.16	8	5	ND	4	65	.3	2	2	18	.02	.083	24	6	.18	141	.02	2	1.70	.04	.10	1	370
10800E 10200N	20	37	152	109	5.0	7	1	219	4.27	7	5	ND	1	54	1.9	2	2	25	.02	.076	19	10	.14	199	.02	2	2.45	.04	.15	1	270
10800E 10175N	23	35	244	70	1.5	4	1	239	6.27	4	5	ND	2	48	.9	2	2	29	.02	.084	21	3	.13	166	.01	2	1.67	.04	.14	1	100
10800E 10150N	18	36	213	101	7.7	7	2	225	4.01	2	5	ND	2	48	.9	2	2	27	.03	.062	17	10	.19	145	.03	2	2.40	.02	.10	1	470
10800E 10125N	10	19	193	109	.1	2	1	157	2.93	2	5	ND	1	92	.4	2	2	31	.08	.074	15	5	.11	165	.02	2	1.81	.02	.08	1	120
10800E 10100N	7	22	87	140	1.0	4	2	189	3.22	2	5	ND	1	247	1.0	2	2	38	.11	.103	27	5	.18	277	.04	2	2.50	.02	.08	1	35
10800E 10075N	6	37	80	157	.7	7	3	258	3.86	2	5	ND	1	137	1.1	2	2	44	.12	.110	17	9	.25	185	.05	2	2.55	.02	.06	1	110
10800E 10050N	7	40	74	409	.2	11	7	644	4.91	4	5	ND	1	160	2.6	2	2	62	.17	.150	19	11	.44	274	.09	2	2.87	.02	.07	1	29
10800E 10025N	1	50	118	436	.2	9	9	909	5.15	2	5	ND	1	126	3.6	2	2	84	.20	.139	15	9	.59	236	.10	2	3.71	.02	.04	1	6
10800E 10000N	15	54	148	146	1.8	4	2	422	4.00	6	5	ND	1	179	.9	2	2	39	.07	.123	21	4	.21	285	.03	2	1.83	.01	.09	1	560
10850E 10400N	13	34	173	97	.5	2	1	491	4.29	7	5	ND	1	94	.4	2	2	26	.08	.174	19	2	.26	341	.01	2	1.47	.04	.14	1	41
10850E 10375N	8	38	244	93	1.1	3	1	391	4.98	6	5	ND	1	148	.3	2	2	28	.05	.183	23	3	.29	286	.01	2	2.06	.05	.18	1	41
10850E 10350N	10	36	216	89	1.2	5	1	436	4.59	7	5	ND	1	133	.3	2	2	36	.05	.177	19	4	.26	317	.01	2	1.82	.05	.17	1	38
RE 10750E 10150N	20	42	473	110	.3	6	2	281	3.27	4	5	ND	1	51	.2	2	2	30	.04	.071	17	8	.19	193	.02	2	2.09	.02	.10	1	130
STANDARD C/AU-S	18	62	41	135	7.4	77	31	1064	4.01	42	18	7	38	52	18.6	16	21	58	.48	.090	39	59	.89	177	.09	34	1.89	.08	.14	11	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.

THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: SOIL AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples Beginning 'RE' are duplicate samples.

DATE RECEIVED: JUL 31 1992 DATE REPORT MAILED: Aug 5/92 SIGNED BY: [Signature] P. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ACME ANALYTICAL

## Romulus Resources Ltd. PROJECT PINE FILE # 92-2260

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10850E 10325N	8	36	183	75	1.6	6	1	349	4.45	2	5	ND	1	70	.2	2	2	42	.05	.177	18	7	.18	283	.01	4	1.84	.04	.13	1	7
10850E 10300N	26	35	114	60	1.3	6	1	245	5.00	6	5	ND	1	56	.3	2	2	36	.03	.106	19	8	.15	209	.04	4	1.53	.04	.15	1	550
10850E 10275N	40	35	145	63	2.4	4	1	215	5.86	2	5	ND	2	56	.6	2	2	30	.03	.086	20	6	.15	197	.03	4	1.96	.05	.13	1	340
10850E 10250N	48	41	144	65	2.4	4	1	183	4.42	2	5	ND	2	59	.2	2	2	21	.02	.077	20	5	.15	189	.03	4	1.84	.05	.12	1	640
10850E 10225N	41	43	161	71	1.6	4	1	338	5.08	2	5	ND	2	63	.2	2	2	30	.03	.103	22	6	.18	203	.03	4	1.77	.06	.16	1	460
10850E 10200N	27	31	151	57	1.4	4	1	184	4.93	2	5	ND	2	61	.2	2	2	32	.02	.105	20	7	.17	163	.03	4	2.01	.04	.13	1	180
10850E 10175N	40	46	227	69	4.7	5	1	275	4.98	6	5	ND	4	76	.2	2	2	26	.03	.088	24	6	.20	169	.03	5	1.97	.04	.13	1	300
10850E 10150N	22	45	238	79	5.9	6	1	415	4.78	2	5	ND	3	91	.2	2	2	34	.04	.082	22	6	.25	148	.04	4	2.26	.03	.12	1	250
10850E 10125N	25	39	181	52	2.9	5	1	173	3.91	3	5	ND	2	81	.2	2	2	29	.03	.067	24	8	.16	164	.02	4	2.07	.03	.12	1	270
10850E 10100N	21	41	100	60	6.8	5	1	177	3.94	2	5	ND	3	95	.2	2	2	23	.02	.063	19	6	.15	148	.02	3	2.66	.02	.10	1	210
10850E 10075N	14	34	103	52	10.6	5	1	147	3.22	2	5	ND	2	209	.2	3	2	33	.05	.073	20	8	.12	148	.02	4	2.16	.02	.11	1	78
10850E 10050N	18	30	82	33	3.4	3	1	89	3.43	2	5	ND	1	107	.2	2	2	28	.02	.057	20	5	.07	151	.01	2	1.19	.02	.11	1	180
10850E 10025N	12	46	158	131	.6	9	3	268	3.91	2	5	ND	2	150	.2	2	2	33	.04	.103	27	9	.22	216	.03	4	3.31	.03	.10	1	170
10900E 10400N	1	54	246	238	.8	5	14	5674	3.95	4	5	ND	1	69	3.9	2	2	42	.14	.206	22	6	.38	443	.01	4	2.03	.03	.17	1	7
10900E 10375N	5	44	164	200	.9	8	4	846	4.68	3	5	ND	1	116	1.3	2	2	37	.10	.148	23	9	.41	291	.01	4	2.05	.05	.19	2	41
10900E 10350N	8	34	153	113	.7	5	2	440	3.95	2	5	ND	1	95	.5	2	2	43	.08	.098	17	6	.28	267	.01	4	1.86	.03	.15	1	190
10900E 10325N	12	41	138	142	.7	7	3	418	4.27	2	5	ND	1	95	.6	2	2	37	.07	.105	18	6	.33	253	.02	4	2.13	.04	.14	1	270
10900E 10300N	15	34	144	79	.5	4	1	147	3.18	2	5	ND	1	88	.3	2	2	37	.06	.123	18	4	.09	314	.01	3	1.29	.04	.13	1	110
10900E 10275N	11	34	108	95	1.4	3	1	347	4.24	2	5	ND	1	64	1.4	2	2	35	.06	.158	15	4	.20	239	.01	4	2.03	.05	.12	1	34
10900E 10250N	26	34	204	43	1.8	2	1	138	4.07	6	5	ND	1	77	.2	3	2	30	.03	.106	24	4	.10	221	.01	5	1.02	.04	.14	3	370
10900E 10225N	22	30	156	36	.8	3	1	152	3.88	2	5	ND	1	63	.2	2	2	25	.02	.086	19	4	.12	163	.02	3	1.33	.04	.09	1	530
10900E 10200N	17	32	164	43	1.3	3	1	253	4.15	2	5	ND	2	86	.2	3	2	31	.03	.090	19	5	.13	143	.03	4	1.84	.03	.13	1	540
10900E 10175N	20	31	249	38	1.3	4	1	277	4.43	2	5	ND	2	107	.2	2	2	25	.04	.126	23	4	.18	206	.02	3	1.72	.08	.15	1	420
10900E 10150N	16	33	153	42	1.5	5	1	257	4.53	2	5	ND	2	99	.2	2	2	26	.03	.090	20	5	.16	157	.02	3	1.67	.05	.11	1	290
10900E 10125N	7	32	134	45	2.5	3	1	267	3.65	2	5	ND	2	137	.2	2	2	39	.05	.062	19	4	.14	154	.03	3	1.89	.02	.12	1	190
10900E 10100N	8	43	115	56	4.3	5	1	228	3.98	2	5	ND	1	123	.2	2	2	46	.07	.063	18	9	.17	171	.03	3	2.19	.02	.11	1	59
10900E 10075N	5	34	108	58	3.5	5	1	233	3.04	2	5	ND	2	85	.2	2	2	39	.05	.046	14	9	.19	135	.03	3	2.07	.02	.10	1	48
10900E 10050N	11	27	141	42	1.5	3	1	257	3.32	2	5	ND	3	76	.2	2	2	33	.04	.049	18	5	.13	157	.02	3	1.99	.03	.13	1	110
10900E 10025N	12	36	261	52	14.2	5	1	202	3.25	2	5	ND	2	57	.2	2	2	33	.04	.057	20	9	.12	147	.02	3	2.06	.02	.12	1	52
10950E 10375N	4	51	118	255	.4	6	9	3824	4.07	4	5	ND	1	60	3.7	2	2	44	.28	.222	18	6	.40	477	.01	4	1.52	.02	.16	1	21
10950E 10350N	3	39	126	217	.5	6	10	3432	4.10	2	5	ND	1	43	2.5	2	2	54	.16	.215	18	7	.26	452	.01	4	2.05	.02	.14	2	14
10950E 10325N	10	119	67	879	.7	8	11	1588	6.63	9	5	ND	1	141	3.6	2	2	68	.29	.195	19	6	.76	201	.04	3	3.19	.03	.11	1	52
10950E 10300N	8	76	155	729	.2	6	10	1061	5.72	2	5	ND	1	197	1.9	2	2	58	.27	.241	26	4	.58	313	.01	3	2.60	.02	.11	1	29
10950E 10275N	4	93	36	820	.6	6	13	1752	5.84	5	5	ND	1	119	4.4	2	2	78	.30	.126	11	4	.75	181	.02	4	2.90	.02	.07	1	27
10950E 10250N	12	77	102	237	.4	4	3	507	3.87	2	5	ND	1	223	1.4	2	2	37	.21	.134	19	3	.33	282	.01	3	1.85	.04	.20	1	93
10950E 10225N	9	49	122	75	1.7	2	1	223	4.77	3	5	ND	3	187	.2	2	2	31	.07	.076	22	5	.19	220	.03	4	1.27	.04	.13	1	210
RE 10850E 10025N	8	44	139	124	.4	7	3	256	3.65	2	5	ND	2	149	.2	2	2	31	.05	.097	26	9	.22	214	.03	3	3.11	.03	.10	1	170
STANDARD C/AU-S	19	59	40	132	7.6	74	31	1107	4.14	41	18	7	38	52	18.6	15	19	57	.50	.093	39	59	.91	175	.09	35	1.90	.08	.15	11	52

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.





SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
10950E 10200N	26	32	147	44	1.1	2	2	118	3.46	4	5	ND	2	61	.2	3	2	26	.02	.093	17	4	.06	178	.01	2	1.18	.03	.10	2	610
10950E 10175N	18	33	136	53	4.5	3	2	154	4.51	3	5	ND	4	49	.3	3	2	26	.02	.076	18	5	.08	130	.02	3	1.62	.02	.09	1	390
10950E 10150N	15	41	218	49	1.3	2	2	126	4.55	5	5	ND	6	166	.3	2	2	24	.03	.205	54	4	.07	360	.02	2	1.11	.02	.16	1	440
10950E 10125N	16	33	199	32	1.0	1	1	129	2.62	4	5	ND	3	215	.2	2	2	21	.02	.090	41	3	.04	251	.01	3	1.00	.02	.13	1	490
10950E 10100N	10	46	198	50	3.0	2	2	203	3.91	5	5	ND	3	152	.5	3	2	35	.05	.083	21	5	.08	176	.03	3	1.56	.02	.11	1	90
10950E 10075N	7	57	149	56	1.8	3	2	242	4.23	3	5	ND	4	118	.2	2	2	43	.04	.096	20	6	.10	166	.03	3	1.71	.02	.13	1	110
10950E 10050N	14	101	116	54	3.9	2	2	209	4.05	7	5	ND	5	178	.2	3	3	37	.03	.071	28	5	.11	204	.02	4	1.91	.01	.16	2	51
10950E 10025N	5	63	370	80	2.1	3	2	438	3.42	4	5	ND	4	155	.5	3	2	48	.06	.059	19	5	.16	163	.05	3	2.20	.01	.11	1	32
11000E 10375N	1	30	33	252	.1	5	9	1662	4.06	2	5	ND	1	28	.9	2	2	51	.09	.213	13	6	.17	259	.01	4	2.30	.01	.08	1	3
11000E 10350N	3	24	60	380	.1	5	7	695	4.05	5	5	ND	1	67	1.2	2	2	49	.16	.102	14	6	.47	138	.02	3	1.97	.02	.08	1	4
11000E 10325N	4	27	92	396	.1	4	6	721	4.26	6	5	ND	1	58	2.7	2	2	49	.12	.133	13	6	.45	167	.01	3	1.99	.02	.09	1	7
11000E 10300N	3	28	86	340	.1	4	6	808	4.19	2	5	ND	1	59	1.4	2	2	47	.13	.107	12	6	.43	120	.01	3	1.86	.02	.09	1	6
11000E 10275N	5	25	52	111	.3	3	3	454	2.01	3	5	ND	1	71	2.6	2	2	27	.24	.149	9	5	.08	254	.01	2	1.22	.02	.11	1	41
11000E 10250N	2	43	48	184	.3	4	13	5114	2.23	2	5	ND	1	34	2.6	2	2	26	.29	.207	19	5	.09	335	.01	3	1.30	.01	.10	1	3
11000E 10200N	2	42	42	197	.1	5	8	1587	3.05	5	5	ND	1	32	.6	2	2	34	.16	.173	17	6	.18	188	.01	2	1.68	.01	.10	1	3
11000E 10175N	6	45	130	52	.7	2	2	207	2.41	4	5	ND	1	132	.3	3	2	26	.09	.131	15	6	.10	202	.01	3	1.21	.02	.12	1	47
11000E 10150N	6	30	132	46	.6	2	1	141	2.21	2	5	ND	1	105	.2	2	2	32	.07	.084	16	8	.04	180	.01	2	1.00	.02	.12	1	74
11000E 10125N	6	28	150	41	1.2	2	1	204	2.14	2	5	ND	1	143	.4	2	2	24	.04	.080	16	6	.07	188	.02	2	1.31	.02	.15	1	63
11000E 10100N	12	40	203	35	.9	1	1	213	3.03	2	5	ND	3	143	.4	2	2	31	.03	.071	22	3	.04	202	.05	2	.78	.03	.13	1	220
11000E 10075N	9	91	151	66	2.7	3	2	256	4.90	8	5	ND	3	129	.7	2	2	46	.04	.080	18	6	.13	175	.05	3	1.68	.02	.12	1	41
11000E 10050N	13	71	135	56	2.2	2	2	213	3.74	7	5	ND	2	116	.6	2	2	33	.05	.056	14	5	.09	141	.03	2	1.48	.01	.13	1	40
11000E 10025N	8	78	390	80	2.9	2	1	414	4.23	11	5	ND	4	134	1.0	2	3	39	.05	.071	14	4	.12	180	.03	2	2.05	.02	.15	1	71
11050E 10375N	3	34	30	195	.1	3	19	2417	3.86	4	5	ND	1	70	2.3	2	2	56	.30	.126	10	5	.36	407	.02	3	1.93	.01	.14	1	4
11050E 10350N	4	16	24	300	.1	4	22	3042	4.76	2	5	ND	1	37	2.4	2	2	61	.14	.202	10	5	.19	296	.01	3	2.90	.01	.12	1	1
11050E 10325N	3	19	47	181	.1	3	11	1725	4.28	2	5	ND	1	289	5.8	2	2	33	.34	.259	18	4	.09	206	.01	2	1.65	.04	.20	1	1
11050E 10300N	7	82	189	593	.2	3	19	2318	4.30	6	5	ND	1	47	2.4	2	2	40	.19	.220	21	4	.35	294	.01	3	1.94	.01	.13	1	3
RE 11000E 10025N	7	74	348	78	2.7	2	1	398	3.94	5	5	ND	4	124	1.0	2	2	37	.04	.067	14	4	.11	168	.03	2	1.93	.01	.14	1	95
11050E 10275N	5	23	61	216	.2	4	7	670	4.30	2	5	ND	1	107	1.1	2	2	42	.12	.144	15	7	.40	221	.01	2	1.72	.02	.13	1	10
11050E 10250N	6	29	60	189	.1	2	6	641	4.66	7	5	ND	1	171	1.4	2	2	42	.11	.096	18	4	.26	275	.01	2	1.54	.03	.19	1	19
11050E 10225N	9	36	152	129	.2	2	4	499	3.24	4	5	ND	1	234	1.6	2	2	22	.40	.086	16	3	.19	355	.03	3	1.17	.02	.18	1	98
11050E 10200N	9	33	126	190	.4	2	3	433	3.14	8	9	ND	1	181	1.2	2	2	22	.64	.105	20	3	.32	335	.01	2	1.38	.02	.14	1	80
11050E 10175N	8	35	103	93	.3	2	2	610	3.90	8	5	ND	1	218	1.6	2	2	40	.20	.110	9	6	.33	202	.06	2	1.96	.02	.12	1	13
11050E 10150N	5	29	79	42	.7	2	1	149	2.59	2	5	ND	1	99	.2	3	2	32	.06	.070	11	5	.07	123	.02	2	1.62	.01	.08	1	43
11050E 10125N	7	52	186	74	.4	3	2	358	3.74	7	5	ND	1	119	.7	2	2	37	.12	.149	12	7	.15	146	.01	2	2.33	.01	.08	1	26
11050E 10100N	3	34	46	71	.9	5	3	211	3.66	5	5	ND	1	61	.3	3	2	53	.10	.119	10	13	.12	138	.03	2	2.12	.01	.07	2	9
11050E 10075N	8	27	129	141	.3	1	2	337	3.37	8	5	ND	1	166	.4	3	2	31	.06	.144	13	3	.17	259	.01	2	1.64	.02	.16	1	78
STANDARD C/AU-S	18	62	37	131	6.5	67	31	1037	3.95	40	17	7	38	52	16.7	14	19	55	.48	.090	38	56	.95	175	.09	34	1.88	.07	.15	11	53

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
11050E 10050N	19	24	110	297	.1	2	32	2206	4.54	3	5	ND	1	183	3.4	2	2	19	.25	.155	15	4	.32	314	.01	2	1.46	.01	.17	1	31
11050E 10025N	11	50	325	153	1.2	4	8	1187	3.34	6	5	ND	1	248	3.0	2	3	25	.47	.248	34	8	.26	336	.01	3	1.65	.03	.30	1	18
11100E 10375N	4	22	129	289	.2	6	15	2660	4.66	4	5	ND	1	67	3.0	2	2	43	.24	.153	15	6	.63	249	.02	2	2.35	.02	.13	1	5
11100E 10350N	28	9	58	93	.1	2	5	1076	2.97	6	5	ND	1	163	.3	2	5	30	.19	.130	4	4	.07	286	.01	3	.88	.02	.18	1	5
11100E 10325N	10	22	96	176	.1	5	9	624	4.55	3	5	ND	1	75	.2	2	5	46	.08	.093	11	8	.46	186	.01	2	2.25	.01	.11	1	6
11100E 10300N	7	20	33	150	.3	5	17	1600	5.02	6	5	ND	1	91	.2	2	2	50	.16	.248	18	5	.40	294	.01	2	2.57	.02	.14	1	3
11100E 10275N	20	27	40	377	1.1	5	16	727	6.76	7	5	ND	2	52	1.0	2	2	60	.14	.223	20	5	.46	124	.02	2	2.62	.02	.08	1	3
11100E 10250N	6	22	63	146	.6	6	8	324	4.79	2	5	ND	1	91	.4	2	2	55	.10	.104	13	8	.26	223	.03	2	2.14	.02	.12	1	9
11100E 10225N	7	16	83	71	.3	1	4	189	2.99	4	5	ND	1	137	.5	2	2	30	.07	.083	13	4	.16	260	.01	2	1.45	.03	.16	1	37
11100E 10200N	8	38	111	109	.7	6	5	298	5.09	2	5	ND	2	209	.7	2	2	46	.10	.096	15	9	.30	249	.03	2	2.65	.02	.14	1	20
11100E 10175N	7	31	74	97	1.2	6	4	173	3.81	2	5	ND	2	188	.6	2	2	45	.10	.090	19	7	.13	278	.03	3	1.76	.02	.23	1	17
11100E 10150N	7	43	116	114	5.0	6	6	259	4.56	4	5	ND	3	189	.3	2	2	52	.09	.075	15	14	.25	198	.04	2	2.78	.01	.11	1	25
11100E 10125N	6	35	93	100	1.4	8	6	255	4.82	2	5	ND	3	125	.2	2	2	59	.08	.076	12	15	.28	133	.03	2	2.64	.01	.07	1	13
11100E 10100N	5	42	81	216	.4	4	7	445	5.01	2	5	ND	1	122	1.1	2	2	66	.17	.100	14	12	.36	139	.05	2	2.68	.01	.07	1	9
11100E 10075N	5	38	68	199	1.6	8	7	493	4.65	6	5	ND	2	136	1.1	2	2	68	.43	.121	12	13	.37	154	.07	2	2.48	.01	.08	1	12
11100E 10050N	10	59	136	129	1.1	4	6	330	5.29	3	5	ND	2	232	.3	2	2	65	.11	.101	16	11	.27	168	.07	3	2.05	.01	.09	1	14
11100E 10025N	9	51	169	92	1.2	8	6	424	5.31	8	5	ND	1	260	.2	2	2	88	.20	.120	13	12	.30	160	.11	2	2.36	.02	.07	1	12
10200N 10775E	62	32	127	41	.7	3	4	121	4.04	8	5	ND	1	33	.2	2	2	26	.02	.059	18	5	.08	123	.02	3	.96	.01	.11	1	490
RE 10200E 10925E	21	47	250	45	3.0	5	4	250	4.56	2	5	ND	4	111	.2	3	2	25	.02	.105	28	7	.17	193	.03	2	1.69	.03	.15	1	470
10200N 10825E	45	38	134	74	1.9	5	4	235	4.15	4	5	ND	3	44	.2	2	2	24	.02	.066	17	7	.18	141	.03	2	2.22	.02	.11	1	360
10200N 10875E	30	39	152	59	1.1	5	5	208	5.09	2	5	ND	2	94	.2	2	2	24	.02	.114	22	6	.21	180	.02	3	2.25	.04	.11	1	260
10200N 10925E	19	45	245	45	2.7	3	4	233	4.31	5	5	ND	3	109	.2	2	2	24	.02	.101	27	7	.17	185	.03	2	1.65	.03	.15	1	530
10200N 10975E	12	40	135	49	2.5	5	4	146	4.32	4	5	ND	2	91	.2	2	2	28	.05	.139	24	6	.12	190	.02	2	1.31	.03	.14	1	230
10200N 11025E	8	31	122	249	.8	2	6	622	2.68	5	9	ND	1	181	1.9	2	2	21	.37	.106	17	3	.37	303	.02	2	1.23	.02	.16	1	100
10200N 11075E	8	21	70	44	.8	2	3	149	2.22	4	5	ND	1	102	.3	2	2	37	.09	.065	9	7	.09	108	.02	2	1.51	.01	.09	1	52
STANDARD C/AU-S	19	58	39	132	7.5	69	32	1059	3.94	42	17	7	39	53	19.2	16	21	60	.48	.089	40	57	.87	178	.09	34	1.85	.07	.15	11	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**ii (f) - Song 1 & Song 2 Claims**

**Acme File # 92-2977**



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
S1 9+00E	1	7	13	46	.1	5	4	369	3.11	2	5	ND	1	18	.2	2	2	84	.19	.079	8	5	.34	152	.03	3	2.65	.01	.08	1	2
S1 9+50E	1	6	15	72	.4	9	5	421	5.14	2	8	ND	2	30	.2	2	2	103	.16	.089	10	8	.45	116	.07	3	3.18	.02	.09	1	11
S1 10+00E	1	11	53	82	.2	14	6	478	3.49	3	5	ND	2	51	.2	2	2	79	.43	.071	10	13	.49	115	.04	2	3.34	.01	.08	1	4
S1 10+50E	1	24	141	141	.2	14	7	966	3.35	2	5	ND	1	78	1.2	2	2	81	.75	.073	15	13	.56	197	.06	4	3.24	.01	.10	1	4
S1 11+00E	122	1134	10680	2046	4.9	7	5	1975	5.86	9	5	ND	1	88	5.3	2	3	65	.50	.116	22	6	.76	147	.07	2	3.69	.02	.21	1	690
S1 11+50E	1	8	28	90	.5	8	5	468	3.66	2	7	ND	2	40	.8	2	2	88	.30	.072	11	12	.48	228	.04	2	2.17	.01	.12	1	2
S1 12+00E	1	11	18	46	.2	9	6	660	4.18	2	5	ND	1	33	.6	2	2	71	.40	.098	12	11	.35	140	.04	2	2.92	.01	.06	1	2
S1 12+50E	1	23	117	63	.1	8	6	582	4.13	2	5	ND	1	20	.4	2	2	90	.16	.104	11	10	.40	85	.03	2	2.21	.01	.08	1	2
S1 13+00E	1	19	15	66	.1	25	10	766	3.95	4	5	ND	2	35	.2	2	2	82	.50	.076	24	21	.86	131	.08	2	2.45	.01	.08	1	3
S1 13+50E	1	17	14	75	.2	11	11	1474	4.27	2	5	ND	2	41	.4	2	2	81	.91	.126	46	10	1.07	204	.07	2	2.91	.01	.10	1	3
S1 14+00E	1	17	13	71	.1	13	10	1186	4.15	5	5	ND	1	32	.4	2	2	84	.71	.132	29	12	.93	158	.05	2	2.55	.01	.12	1	2
S1 14+50E	1	17	12	67	.1	22	10	946	3.68	4	5	ND	1	48	.2	2	2	66	.65	.118	18	19	.86	138	.05	2	2.64	.01	.09	1	3
S1 15+00E	1	15	9	72	.1	14	9	733	3.36	2	5	ND	1	49	.2	2	2	63	.83	.088	23	11	.94	149	.05	2	2.87	.02	.07	1	3
STANDARD C/AU-S	18	64	42	132	7.5	76	31	1070	3.96	43	18	7	40	54	18.7	14	21	62	.50	.090	40	58	.90	177	.09	35	1.93	.07	.15	10	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
S1 15+50E	1	14	10	60	.2	6	9	1251	2.98	2	5	ND	4	72	.3	2	2	54	1.03	.134	19	6	.92	128	.03	4	2.95	.02	.10	1	4
S1 16+00E	1	15	12	65	.1	11	9	1235	3.59	2	5	ND	1	31	.2	2	2	65	.65	.129	19	9	.91	125	.02	4	3.00	.01	.09	1	1
S1 16+50E	1	20	11	67	.1	23	9	1034	4.85	2	5	ND	1	29	.2	2	2	102	.38	.086	16	18	.97	124	.05	5	2.77	.01	.09	1	1
S1 17+00E	1	13	7	46	.1	12	6	646	3.60	2	5	ND	1	33	.2	2	2	81	.42	.176	18	11	.57	145	.02	3	2.84	.01	.08	1	17
S1 17+50E	1	14	17	71	.1	16	11	1683	4.88	2	5	ND	1	30	.2	2	2	88	.44	.172	19	15	.75	189	.04	5	3.24	.01	.09	1	5
S1 18+00E	1	14	15	81	.1	17	9	1534	3.90	2	5	ND	1	38	.2	2	2	71	.60	.132	18	16	.87	157	.04	4	2.88	.02	.08	1	2
S1 18+50E	1	21	13	62	.3	22	8	747	3.69	2	5	ND	1	32	.2	2	2	76	.37	.078	15	20	.71	112	.06	3	2.67	.01	.09	1	3
S1 19+00E	1	13	11	63	.1	17	7	771	3.65	2	5	ND	1	49	.2	2	2	84	.63	.095	14	16	.83	99	.07	4	2.32	.02	.06	1	2
S1 19+50E	1	13	8	58	.2	8	8	1558	3.96	2	5	ND	2	37	.2	2	2	98	.89	.106	18	7	1.03	137	.05	3	2.46	.01	.08	1	1
S1 20+00E	1	17	9	70	.1	26	8	544	3.39	2	5	ND	1	44	.2	2	2	73	.42	.078	15	23	.78	116	.07	4	2.40	.01	.06	1	2
S1 20+50E	1	15	11	68	.1	17	8	642	3.27	2	5	ND	1	54	.2	2	3	69	.68	.109	16	14	.98	112	.09	4	2.68	.01	.08	1	6
S1 21+00E	1	19	12	67	.2	29	9	672	3.96	2	5	ND	1	48	.2	2	2	75	.57	.085	16	23	.92	234	.09	4	2.57	.01	.08	1	14
S1 21+50E	1	19	15	65	.1	20	9	748	4.17	3	5	ND	2	41	.2	2	2	89	.47	.057	15	17	.94	149	.06	3	2.12	.01	.10	1	190
S1 22+00E	1	18	14	64	.1	23	9	709	3.93	5	5	ND	1	47	.2	2	2	77	.55	.074	15	22	.84	146	.04	4	1.99	.01	.10	1	40
S1 22+50E	1	15	13	52	.1	26	11	541	4.48	4	5	ND	3	33	.2	2	2	73	.30	.067	15	20	.88	112	.04	4	2.54	.01	.10	1	4
S1 23+00E	1	10	10	35	.1	13	8	639	3.24	5	5	ND	1	38	.2	2	2	67	.41	.123	10	13	.46	94	.02	3	1.60	.01	.07	1	2
S1 23+50E	1	13	16	57	.1	17	9	673	4.06	8	12	ND	2	32	.2	4	2	74	.27	.110	17	15	.76	114	.03	3	3.14	.01	.10	1	1
S1 24+00E	5	19	19	49	.1	19	10	738	3.94	2	5	ND	2	55	.2	2	2	64	.67	.060	15	13	.74	87	.03	2	3.34	.02	.10	1	2
S1 24+50E	1	13	18	95	.1	18	10	892	4.79	3	5	ND	1	24	.2	2	2	90	.22	.139	18	16	.82	192	.02	4	3.02	.01	.08	1	230
S1 25+00E	1	12	14	94	.1	18	8	949	3.81	2	5	ND	1	36	.2	2	2	77	.39	.105	14	14	.94	82	.03	3	3.60	.01	.08	1	2
S1 25+50E	1	13	13	59	.1	20	7	756	3.03	3	5	ND	1	55	.2	2	3	65	.56	.084	11	16	.67	93	.05	3	3.24	.01	.08	1	2
RE S1 23+50E	1	13	14	55	.1	17	9	663	3.97	5	5	ND	1	32	.2	2	2	74	.27	.109	17	14	.75	113	.03	3	3.13	.01	.07	1	1
S1 26+00E	1	13	11	53	.1	17	6	808	2.51	2	5	ND	1	90	.2	2	2	55	.84	.110	13	13	.64	92	.04	3	3.50	.02	.06	1	2
S1 26+50E	1	11	15	68	.1	8	8	1331	3.42	2	5	ND	1	107	.2	2	2	86	.99	.090	14	6	.82	172	.05	3	3.77	.02	.13	1	1
S1 27+00E	1	8	8	46	.1	6	7	819	3.28	2	5	ND	1	45	.2	2	2	76	.47	.128	10	5	.73	84	.01	2	3.54	.01	.08	1	1
S1 27+50E	1	10	16	62	.2	10	7	822	3.79	2	5	ND	1	58	.2	2	2	95	.35	.095	10	10	.76	100	.03	3	3.97	.01	.10	1	1
S1 28+00E	1	13	16	55	.1	20	8	620	2.91	2	5	ND	2	105	.2	2	2	66	1.30	.090	15	12	.85	76	.07	3	5.01	.02	.09	1	6
S1 28+50E	1	9	11	45	.1	6	8	1369	2.94	2	5	ND	2	40	.2	2	2	74	.60	.100	13	4	.88	65	.02	3	4.75	.01	.09	2	1
S1 29+00E	1	11	10	67	.1	13	11	1037	4.68	2	5	ND	2	34	.2	2	2	114	.49	.109	19	11	1.12	101	.02	2	2.78	.01	.08	1	1
S1 29+50E	1	33	12	60	.1	10	9	1169	3.61	2	5	ND	1	55	.2	2	2	92	.92	.112	19	8	1.07	142	.10	3	2.61	.01	.06	1	1
S1 30+00E	1	14	11	51	.1	8	7	1199	3.85	2	6	ND	1	31	.2	2	2	102	.26	.088	13	8	.62	101	.07	3	2.75	.01	.06	1	2
S2 10+00E	1	1	3	34	.1	1	4	626	1.40	2	5	ND	2	106	.2	2	2	23	1.84	.083	10	1	.48	122	.03	2	2.39	.02	.12	1	1
S2 10+50E	1	17	29	97	.2	2	7	1002	3.12	15	5	ND	1	105	.5	2	2	61	1.45	.067	17	1	.51	202	.15	2	2.50	.01	.20	1	31
S2 11+00E	1	10	13	60	.1	6	8	931	2.54	2	5	ND	2	79	.4	2	2	51	1.57	.127	18	5	.78	80	.06	2	3.14	.01	.14	1	2
S2 11+50E	1	2	10	46	.1	4	6	721	1.83	2	5	ND	3	141	.2	2	2	35	2.57	.096	14	2	.59	40	.08	2	3.49	.01	.11	1	1
S2 12+00E	1	18	20	78	.1	10	9	1014	3.71	11	5	ND	1	66	.7	2	2	64	.50	.137	20	8	.57	121	.07	2	3.76	.02	.12	1	3
S2 12+50E	1	10	27	67	.1	7	5	671	2.51	24	5	ND	1	106	.7	2	2	45	1.04	.178	14	6	.39	178	.05	2	4.90	.03	.09	1	2
STANDARD C/AU-S	20	57	42	132	7.4	77	29	1080	3.96	43	21	7	39	54	19.0	15	21	62	.50	.090	39	58	.91	177	.09	34	1.97	.07	.15	11	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
S2 13+00E	1	18	21	91	.2	5	5	631	2.60	39	5	ND	2	94	.7	2	2	45	.80	.170	13	5	.32	117	.04	3	3.13	.02	.11	2	4
S2 13+50E	1	26	36	72	.3	9	8	763	2.53	10	5	ND	3	232	.4	2	2	56	3.04	.113	15	4	.53	60	.11	3	5.07	.02	.17	1	4
S2 14+00E	1	21	17	63	.1	7	8	904	3.08	6	5	ND	1	116	.4	2	2	79	1.58	.108	12	4	.47	100	.11	2	3.98	.02	.13	1	1
S2 14+50E	1	19	10	40	.5	5	5	1176	2.25	6	5	ND	1	59	.5	2	2	52	.62	.195	12	6	.31	131	.03	2	2.97	.02	.08	1	1
S2 15+00E	2	4	14	39	.1	5	6	1009	1.99	2	5	ND	1	81	.3	2	2	39	.64	.205	12	4	.32	152	.03	2	3.37	.02	.08	1	1
RE S2 17+00E	1	7	20	60	.3	6	6	1388	2.47	2	7	ND	1	121	.5	2	2	41	1.34	.121	15	4	.54	108	.08	2	3.94	.02	.13	1	2
S2 15+50E	1	13	18	51	.1	12	7	876	2.82	2	5	ND	1	114	.2	2	3	57	1.39	.090	12	8	.49	71	.11	2	3.14	.02	.10	1	360
S2 16+00E	1	16	17	62	.1	11	7	732	2.78	2	5	ND	1	119	.2	2	2	48	.97	.086	14	9	.69	96	.09	2	3.23	.02	.10	1	28
S2 16+50E	1	5	10	43	.1	1	6	740	2.58	2	5	ND	1	177	.2	2	2	32	2.27	.093	17	1	.46	74	.01	2	3.39	.01	.14	1	2
S2 17+00E	1	10	16	56	.1	4	5	1275	2.26	2	5	ND	1	112	.4	2	2	37	1.23	.111	14	3	.49	99	.08	2	3.57	.02	.11	1	5
S2 17+50E	1	10	15	66	.1	11	8	678	3.34	2	5	ND	1	48	.4	2	2	58	.60	.086	17	9	.62	81	.12	3	3.06	.02	.08	1	7
S2 18+00E	1	11	15	60	.1	7	6	930	2.95	2	5	ND	1	59	.3	2	2	46	.64	.102	13	6	.51	82	.08	2	3.31	.01	.08	1	5
S2 18+50E	1	20	26	106	.1	8	8	626	3.43	2	5	ND	1	47	.3	2	2	47	.35	.069	15	7	.70	107	.11	3	3.60	.01	.08	1	18
S2 19+00E	1	11	18	49	.1	10	5	593	2.81	2	5	ND	1	49	.3	2	2	49	.28	.116	20	9	.44	95	.06	2	3.81	.01	.04	1	3
S2 19+50E	1	7	12	46	.1	5	4	480	2.71	2	5	ND	1	23	.2	2	2	48	.09	.085	11	8	.21	103	.02	2	2.65	.01	.08	1	2
S2 20+00E	1	14	14	55	.1	8	6	908	2.77	2	5	ND	1	66	.2	2	2	49	.71	.115	17	7	.46	104	.06	2	2.77	.02	.08	1	2
S2 20+50E	1	12	18	66	.1	10	7	1133	3.27	4	5	ND	1	67	.2	2	2	69	.59	.117	20	9	.47	94	.08	2	3.65	.02	.06	1	3
S2 21+00E	1	9	13	56	.1	10	6	713	3.59	3	5	ND	1	46	.2	2	2	64	.29	.104	11	11	.43	130	.06	3	3.01	.01	.09	1	1
S2 21+50E	1	7	21	60	.1	8	6	1013	2.09	2	5	ND	1	148	.2	2	2	40	1.46	.087	10	5	.44	65	.07	2	3.42	.01	.11	1	4
STANDARD C/AU-S	21	63	41	132	7.4	77	32	1088	3.96	41	17	7	39	52	19.2	15	21	62	.49	.090	40	58	.93	177	.09	35	1.99	.07	.15	11	54

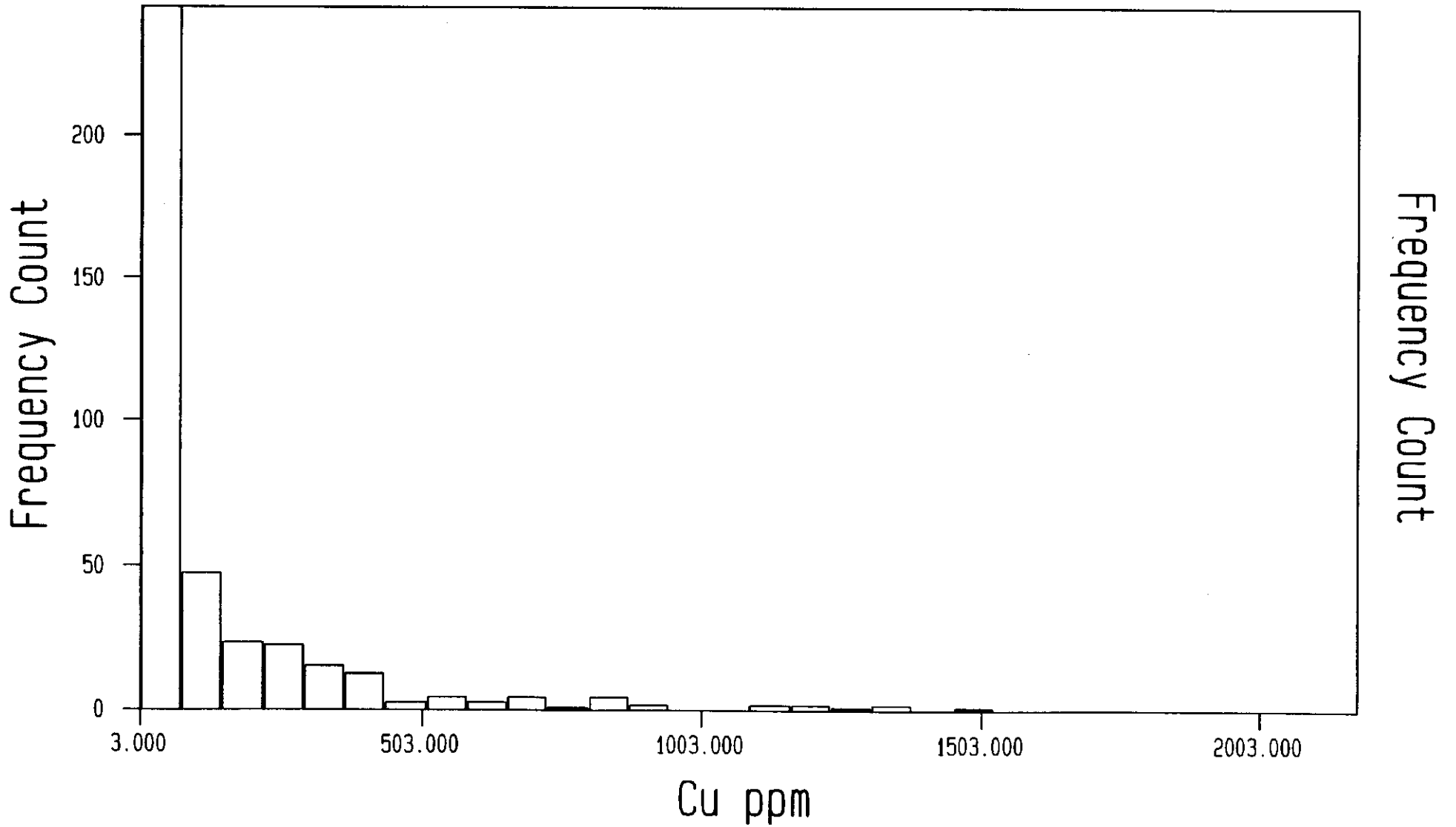
Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

**Part (iii)**

**Soil Sample Histograms**

# Normal Histogram

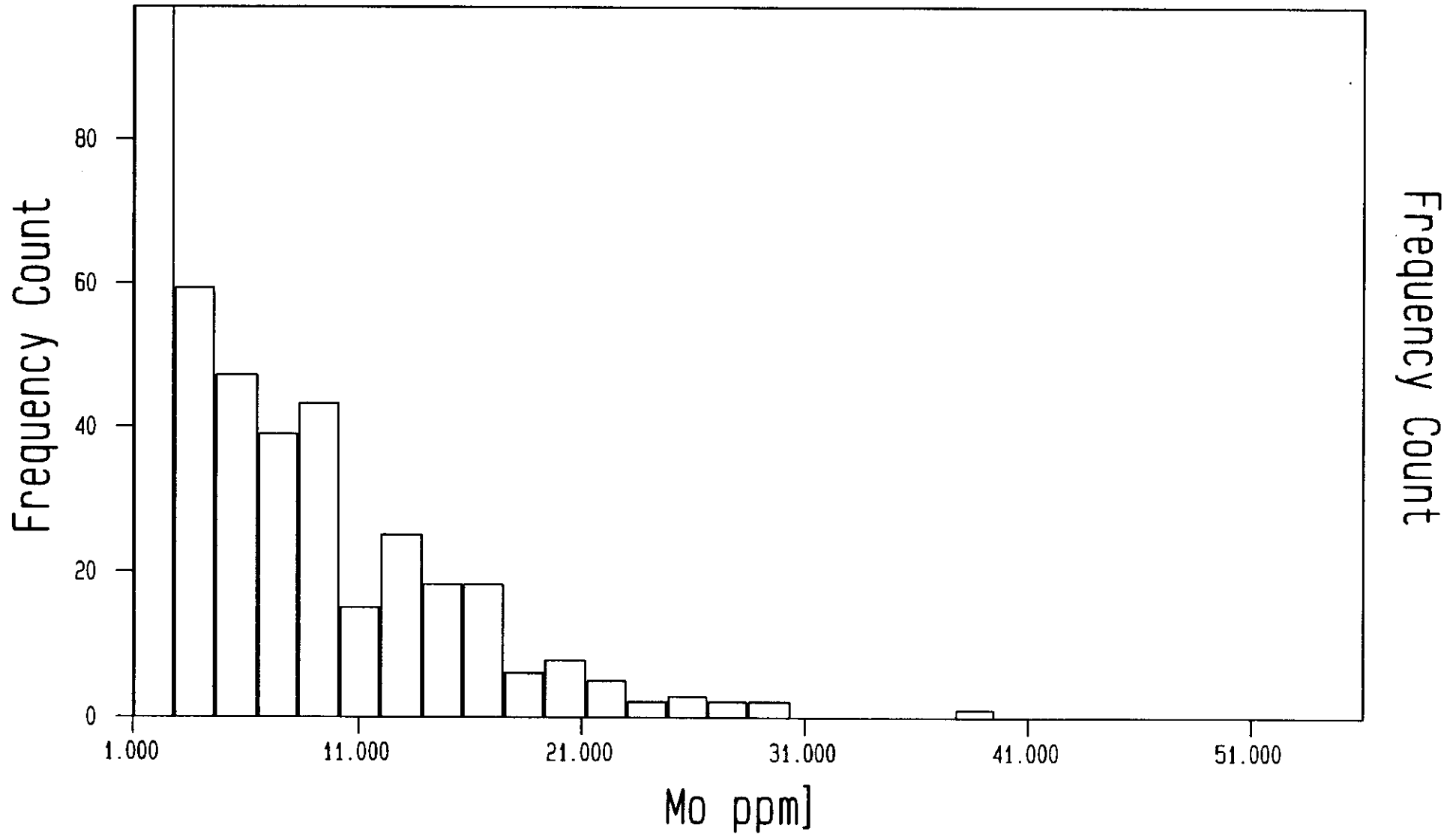
North Grid Cu ppm





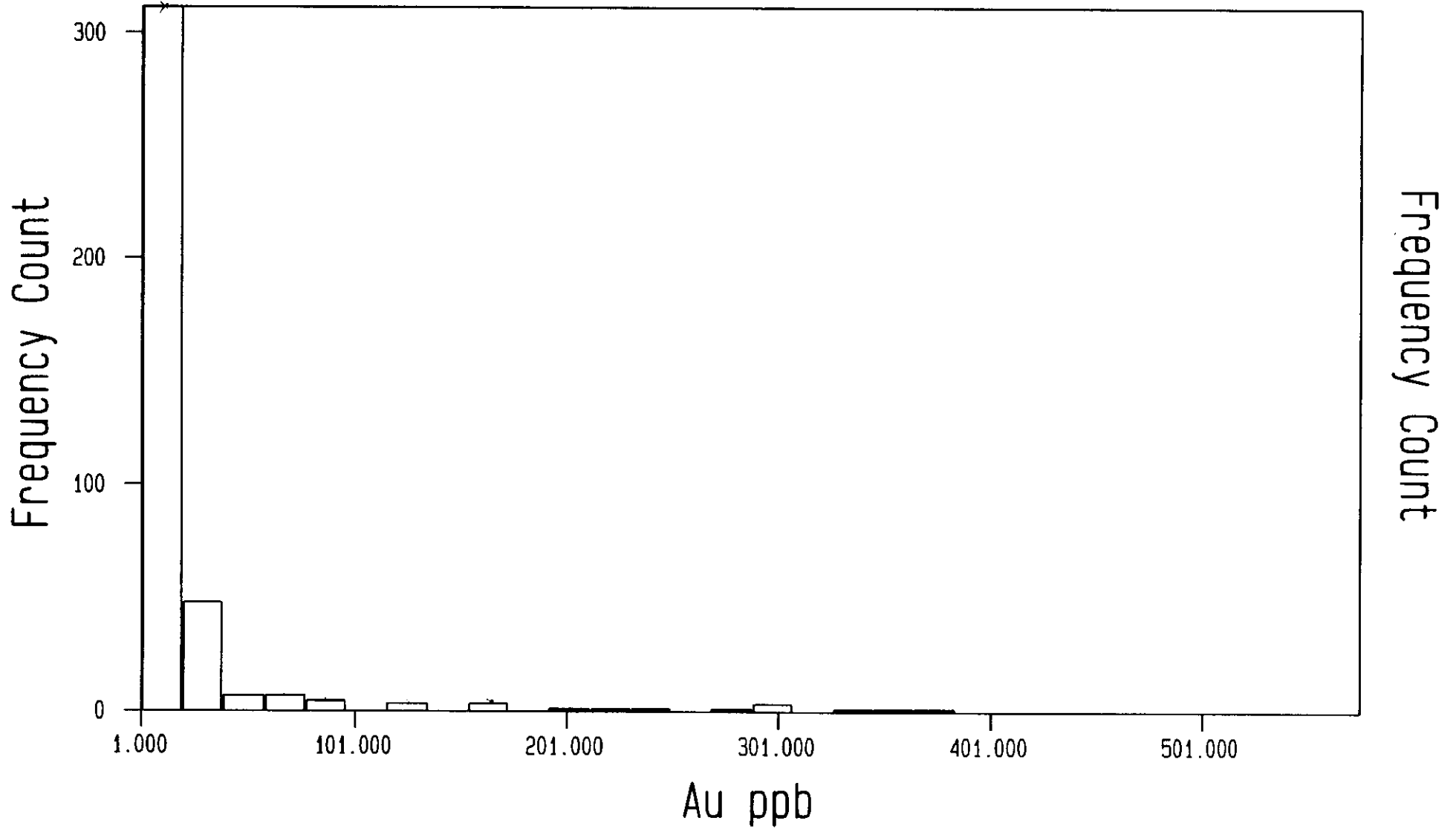
# Normal Histogram

North Grid Mo ppm



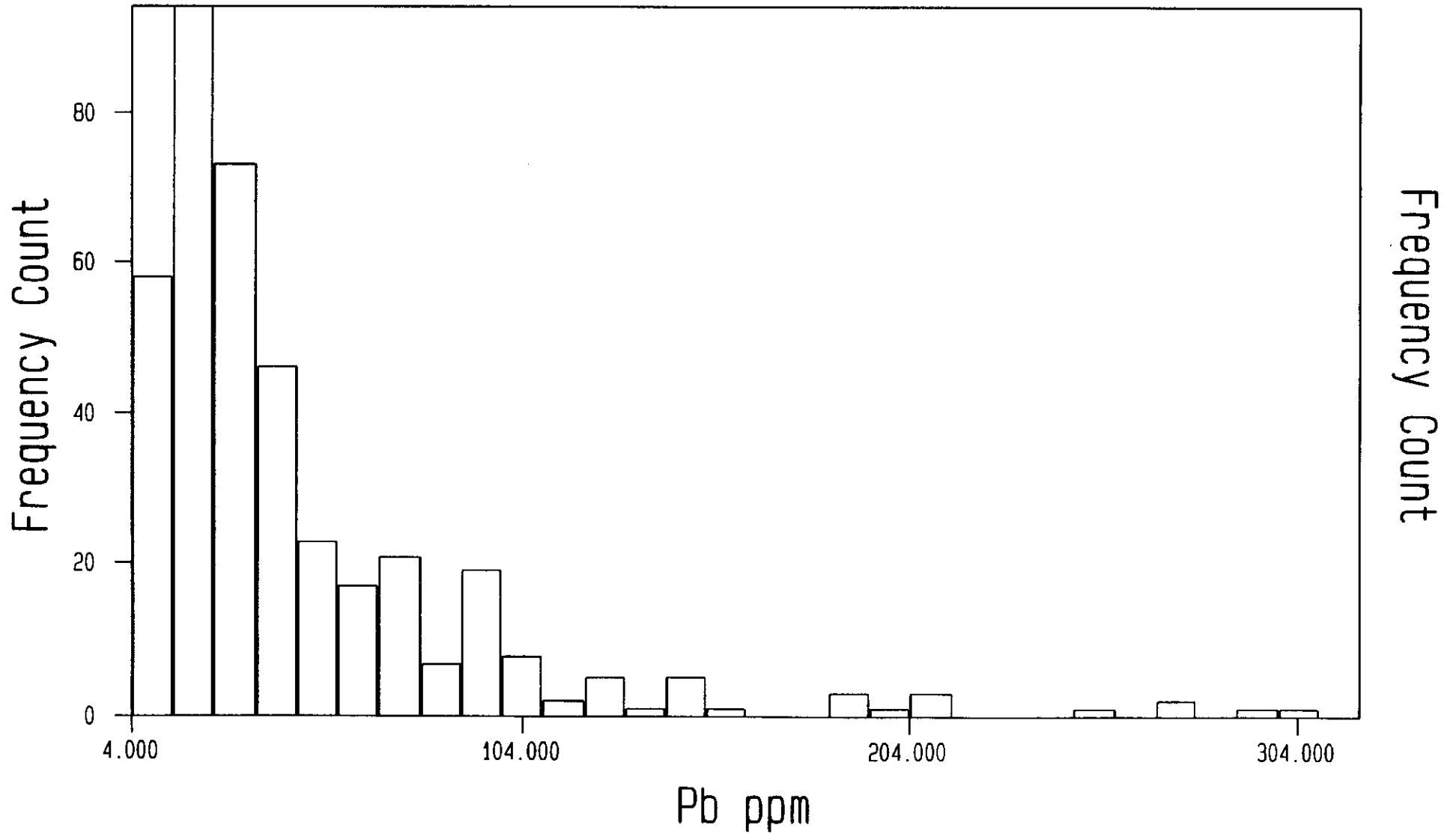
# Normal Histogram

North Grid Au ppb



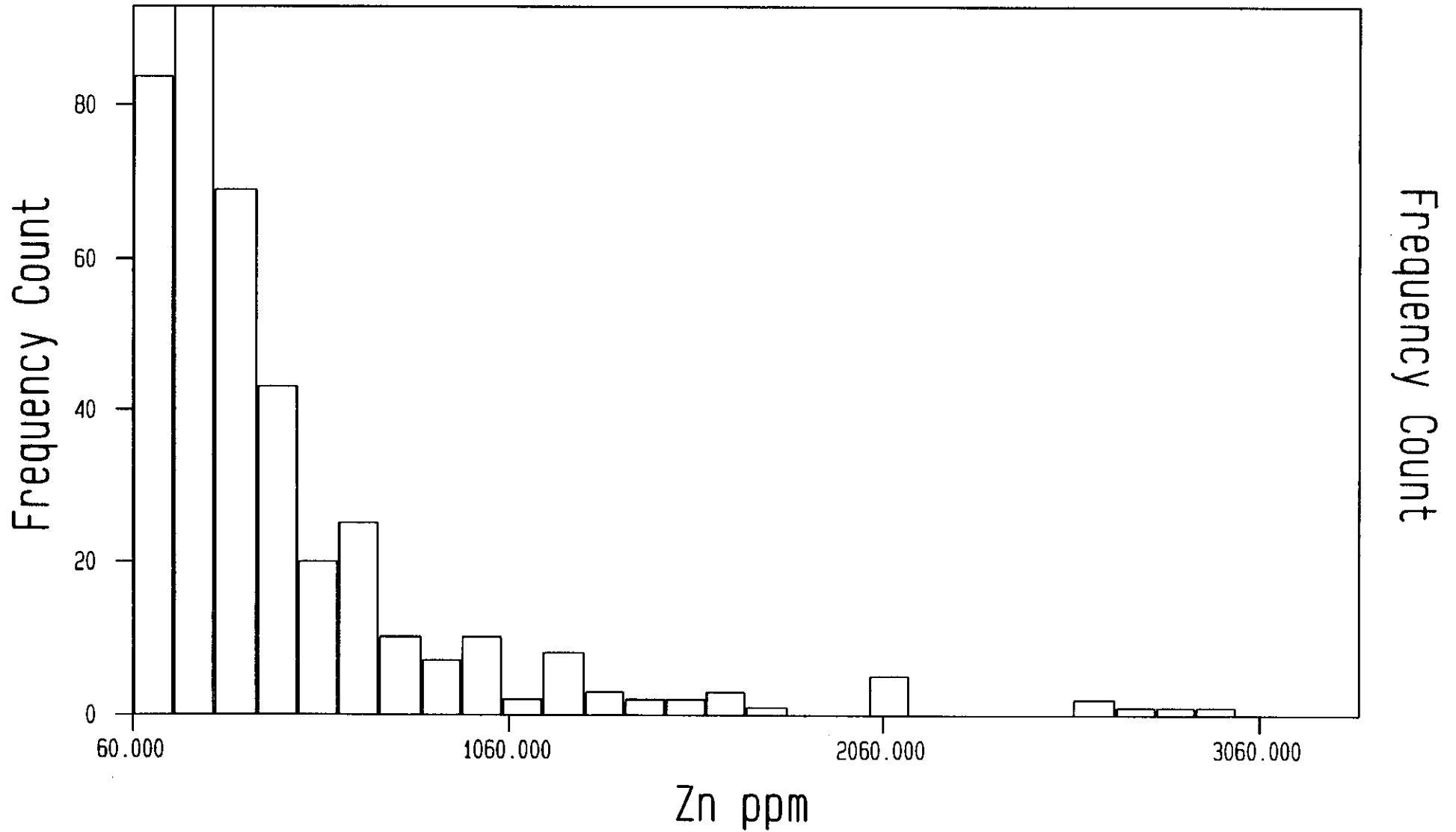
# Normal Histogram

North Grid Pb ppm



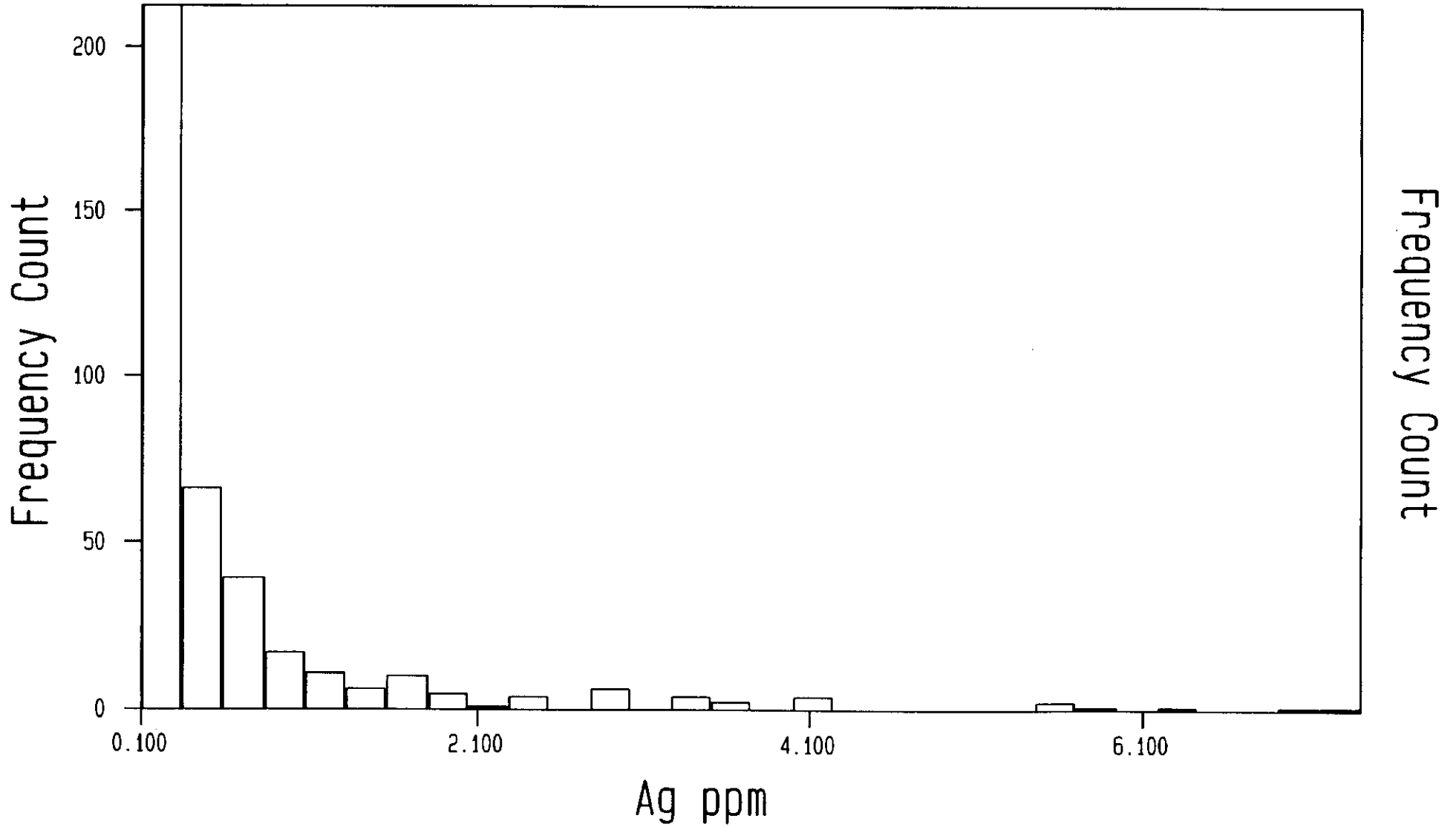
# Normal Histogram

North Grid Zn ppm



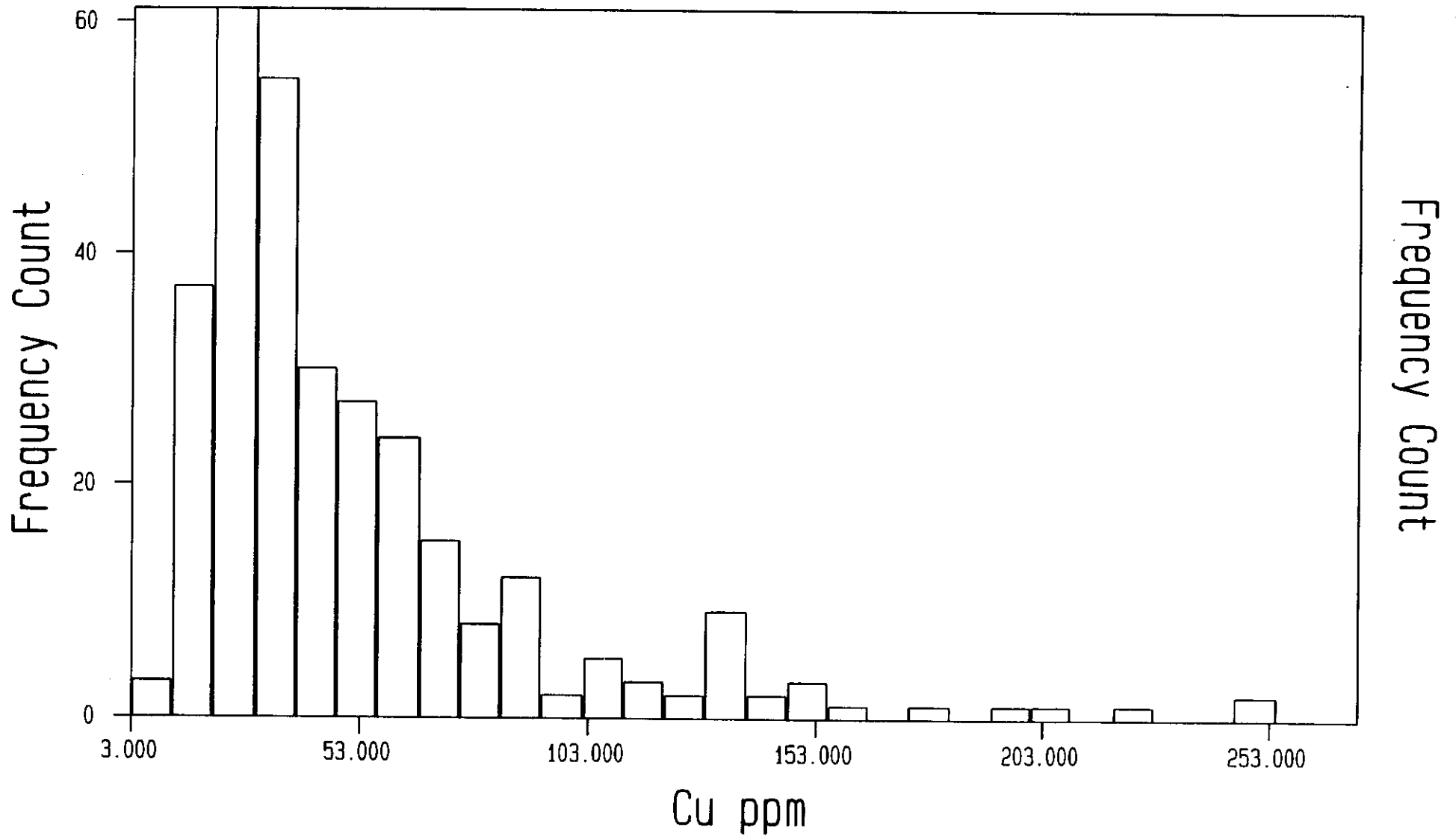
# Normal Histogram

North Grid Ag ppm



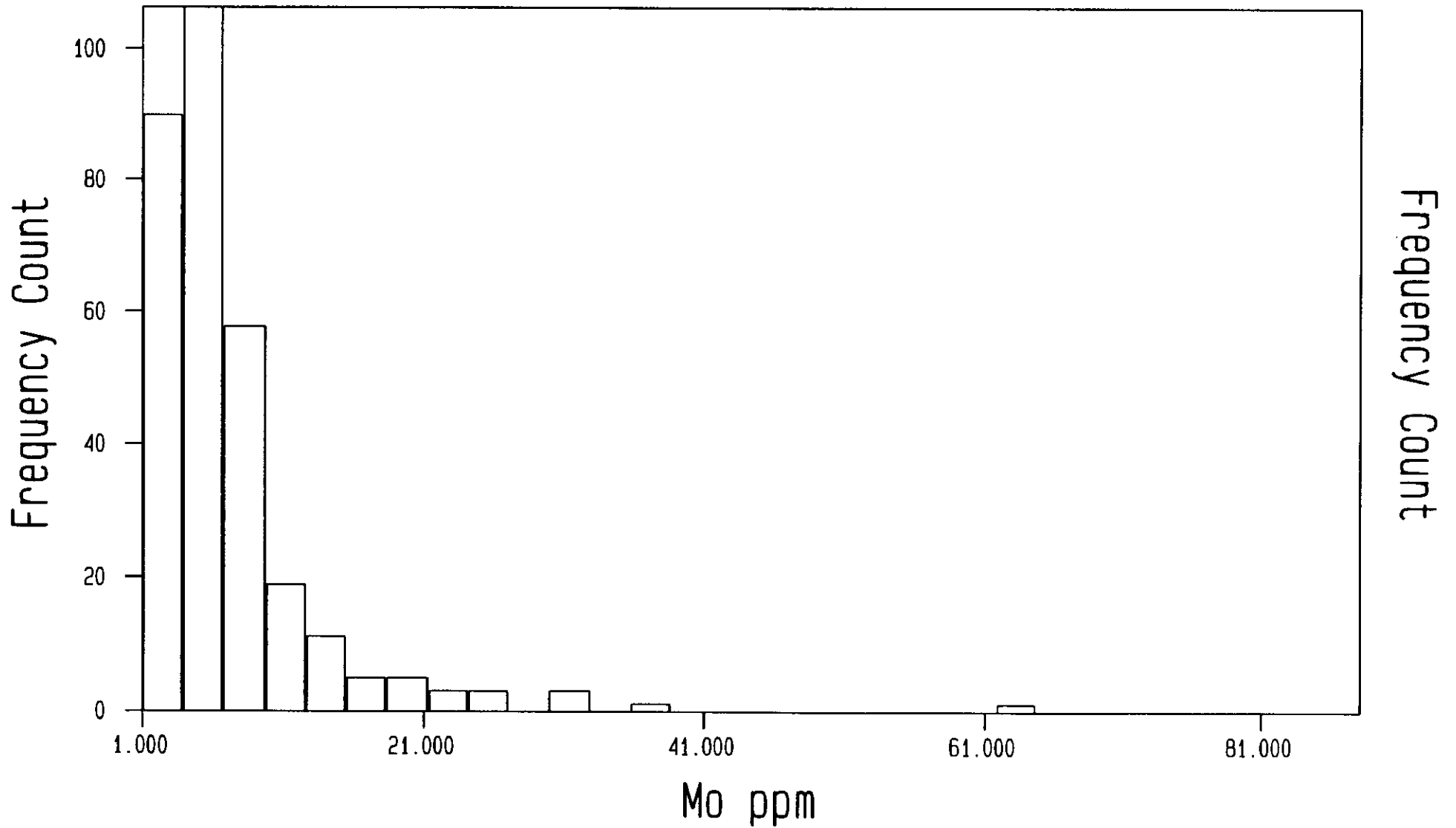
# Normal Histogram

NORTHWEST GRID Cu ppm



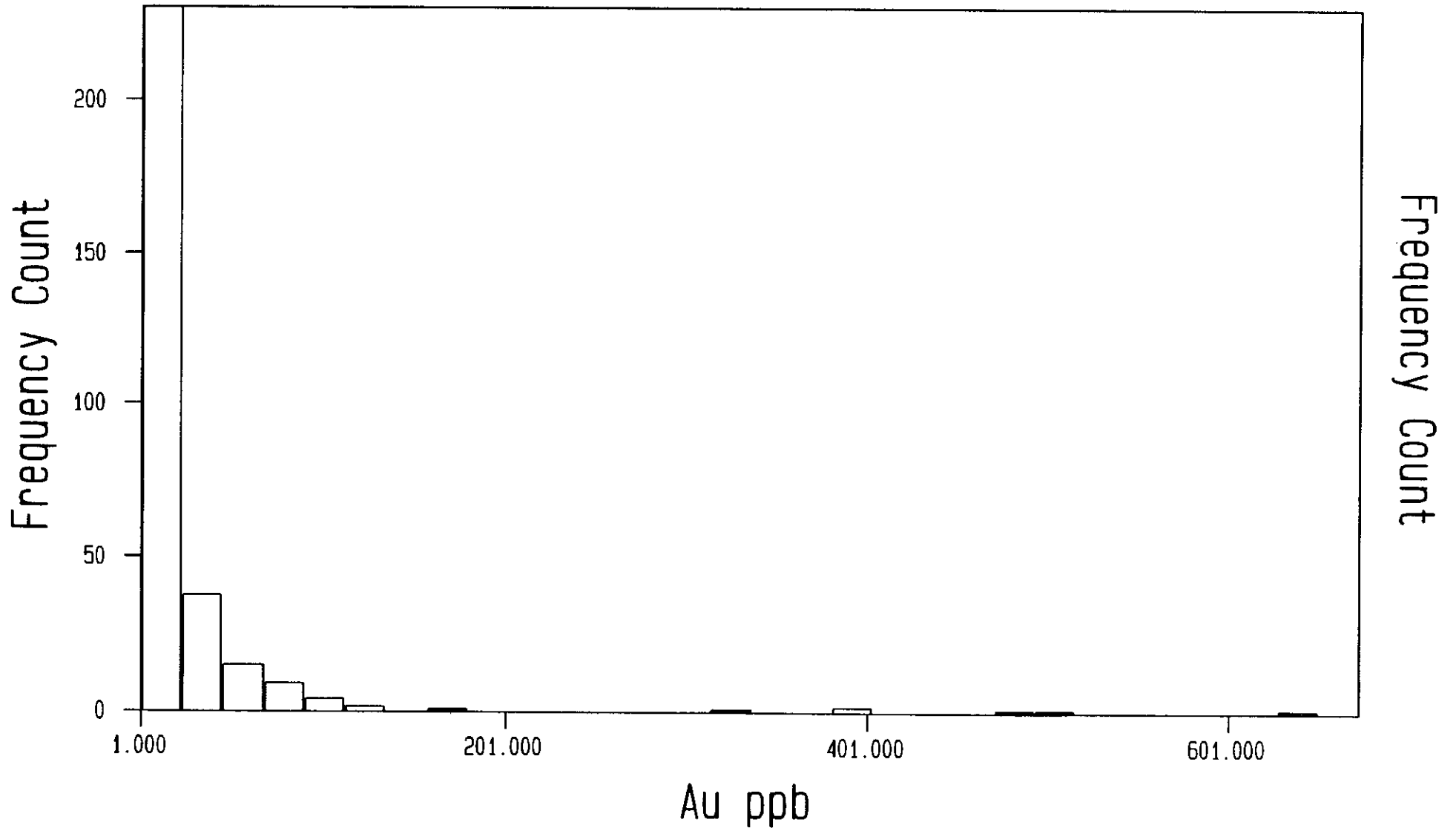
# Normal Histogram

NORTHWEST GRID Mo ppm



# Normal Histogram

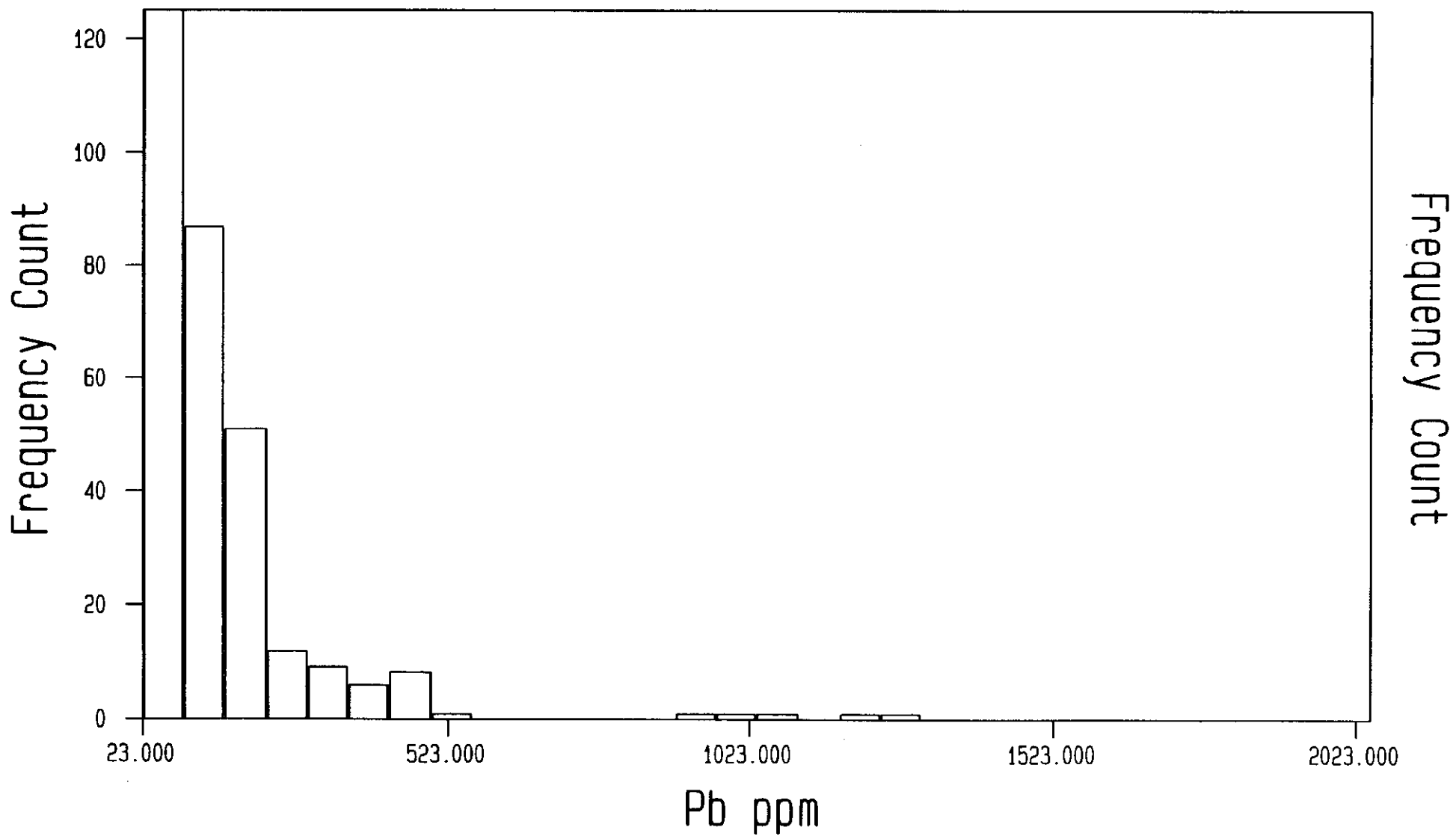
NORTHWEST GRID Au ppb





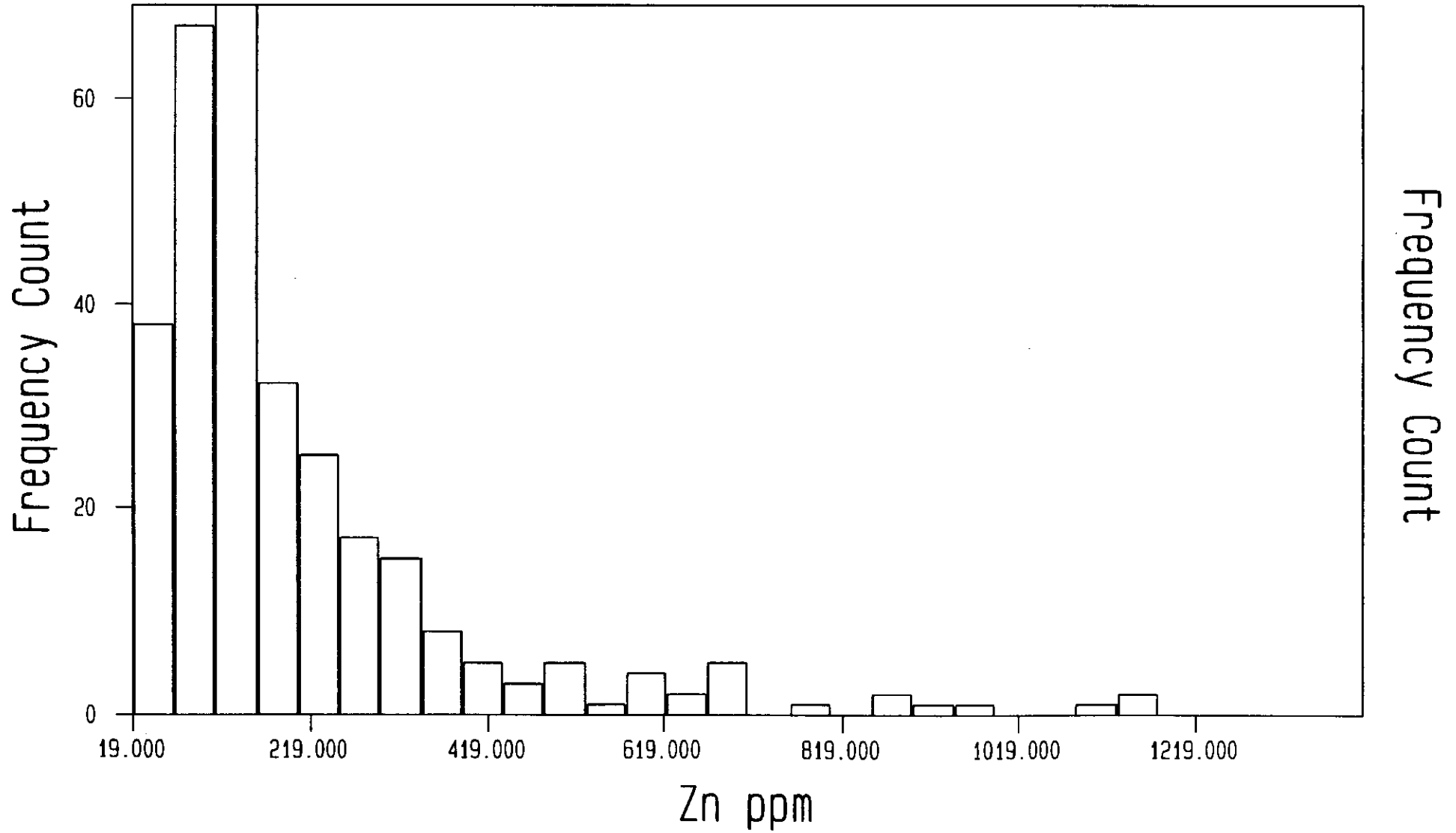
# Normal Histogram

NORTHWEST GRID Pb ppm



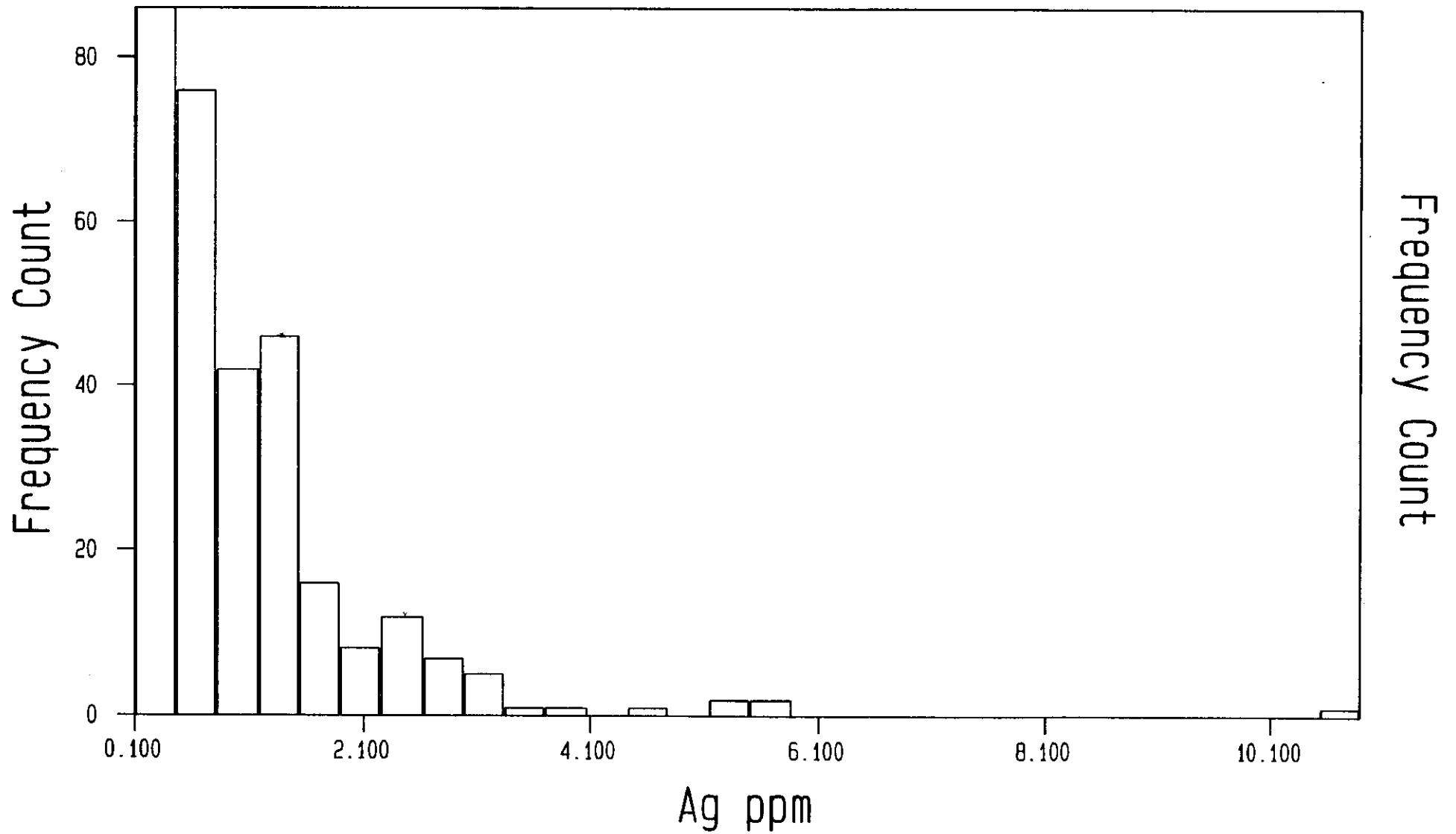
# Normal Histogram

NORTHWEST GRID Zn ppm



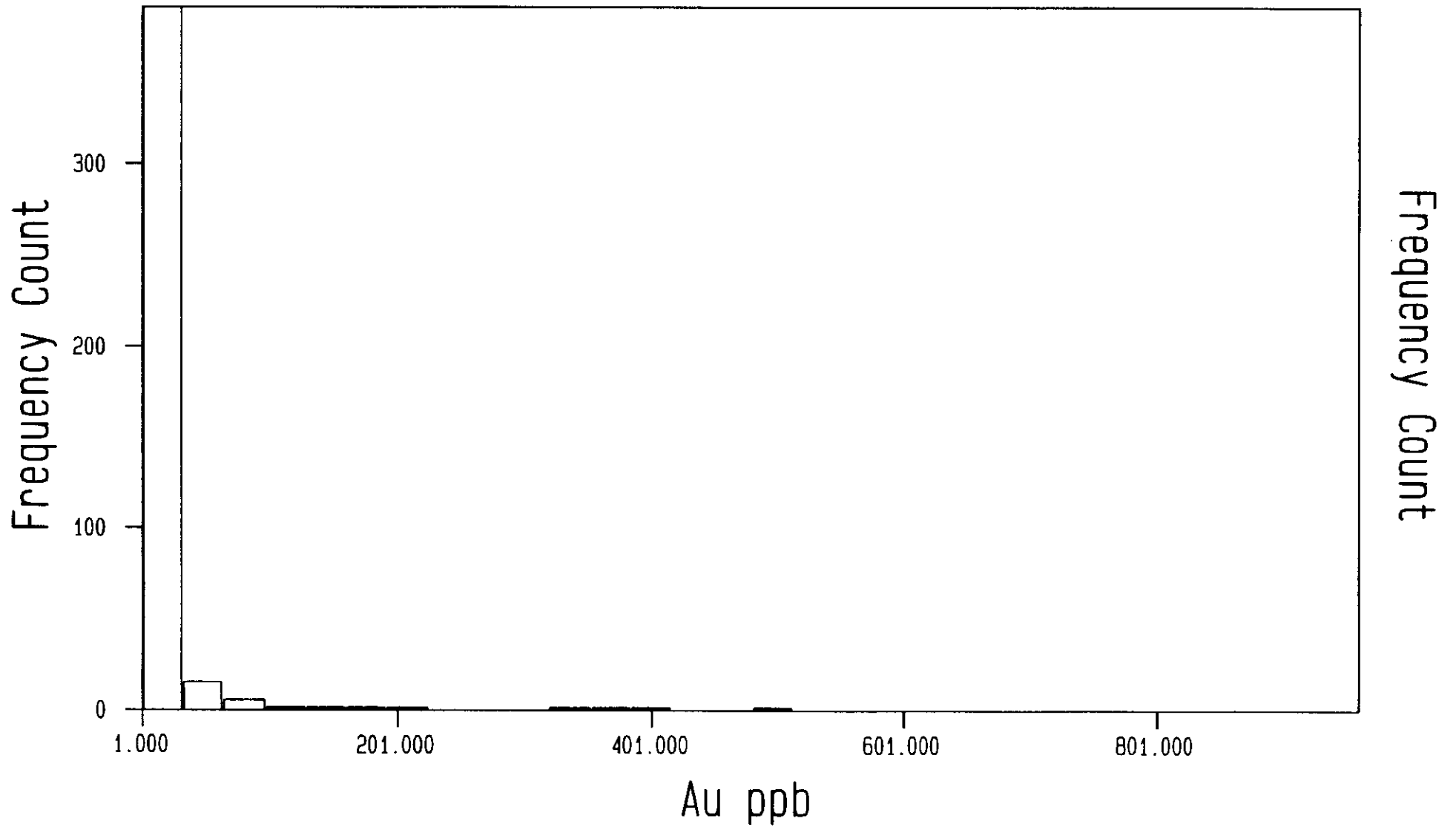
# Normal Histogram

NORTHWEST GRID Ag ppm



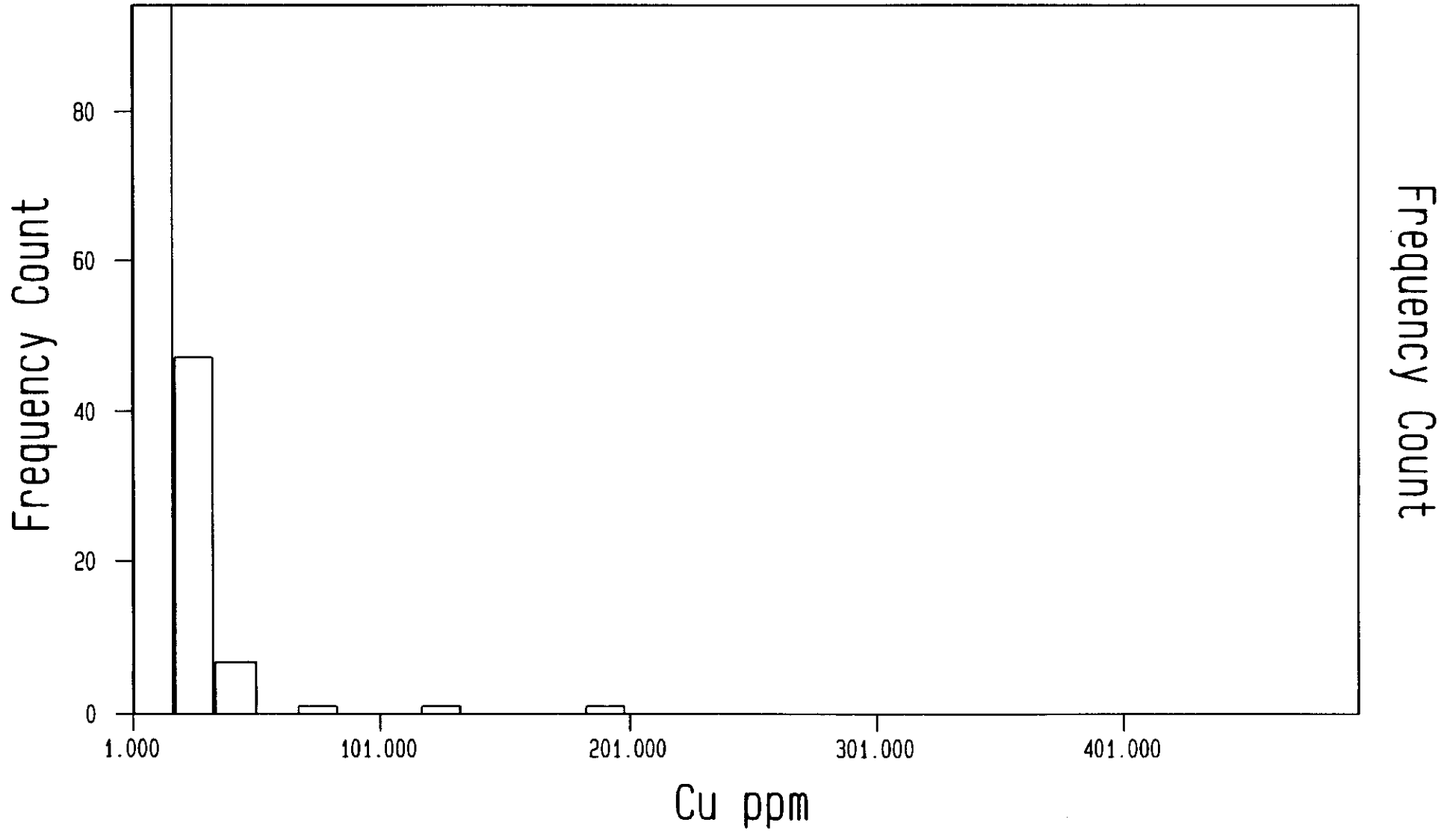
# Normal Histogram

WEST GRID AU PPB



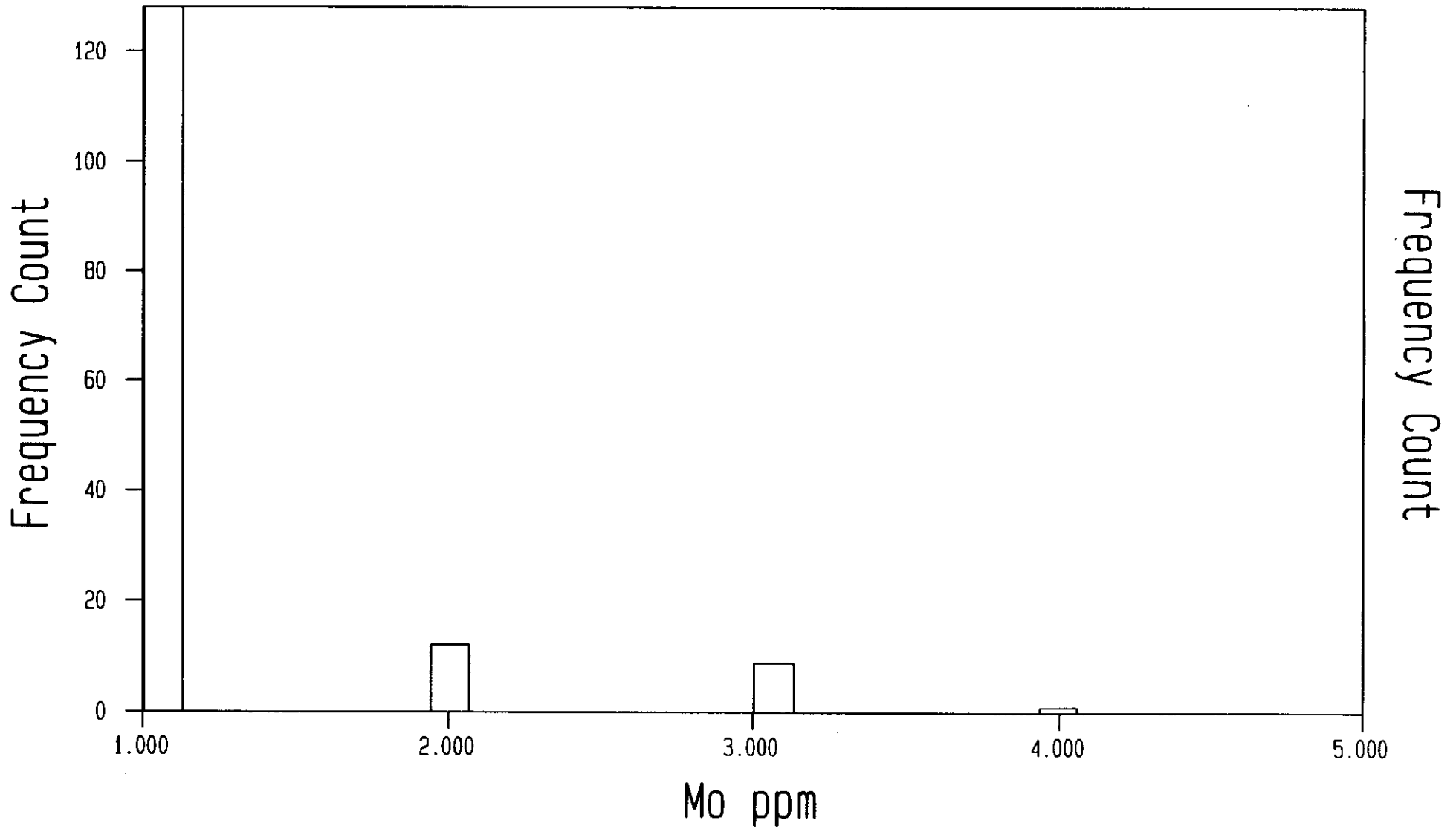
# Normal Histogram

CANYON GRID CU ppm



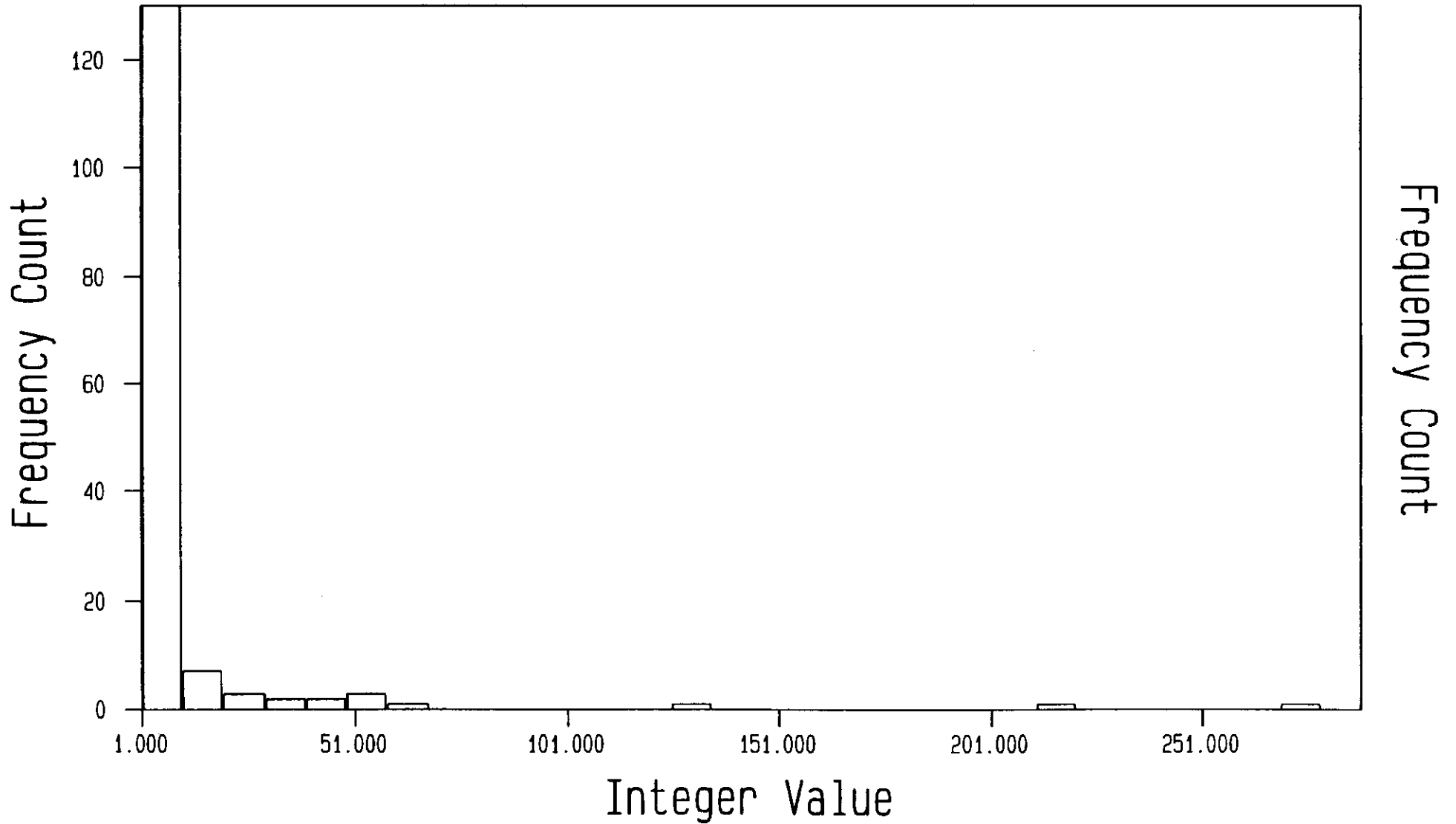
# Normal Histogram

CANYON GRID Mo ppm



# Normal Histogram

CANYON GRID AU ppb



**APPENDIX E**  
**ROCK GEOCHEMICAL DATA**



**Part (i)**  
**Analytical Methods**

**Sample Preparation:**

Soil, Silt, Sediments: - samples are drying at approx. 60°C over night, then sieve approx. 30 gm of -80 mesh.

Rock, cutting, core : - crush to approx. -3/16".  
If core sample then roller crush to +20 mesh. Split 250 gm, pulverize to -100 mesh.

pc

**Geochemical ICP analysis**

Digestion/ICP : .500 gm sample digested with 3ml aqua regia acid (3 HCL + 1HNO3 + 2H2O) at 95 C water bath for 1 hour, then diluted to 10 ml with H2O, finished by ICP.

Package : data can be print out as

- 1 element
- 5 element
- 10 element
- 30 element

	detection
Hg	.1 ppm
Al, Ca, Fe, K, Mg, Na, Ti	.01 %
As, Au, B, Ba, Bi, La, Pb, Sb, Th, V	2 ppm
Co, Cr, Cu, Mn, Mo, Ni, Sr, W, Zn	1 ppm
P	.001 %
U	5 ppm
Cd	.2 ppm

P3**Multi-Element Assay ICP**

Digestion/ICP : 1.000 gm sample digested with 75 ml aqua regia  
(3 HCL + 1 HNO<sub>3</sub> + 2H<sub>2</sub>O) at 95 C water bath for  
one hour, then diluted to 250 ml with H<sub>2</sub>O,  
analysed by ICP.

These procedure include the following metals:

**Detection**

Mo, Cu, Ni, Co, Cd, Sb	.001 %
Pb, Zn, Mn, Fe, As, U, Th, Bi	.01 %
Ag	.01 oz/t

Package : from 1 element to 15 elements.

Au\* Analysis by Acid Leach/AA from 10 GM sample.

JAN-27-1993 11:11

FROM ACME ANALYTICAL

TO 6812741

P.005/005

P 4

### Fire Assay for Precious Metals

29.2 gm samples (= 1 assay ton) are fused with fire assay fluxes. After cupellation the dore bead is dissolved and analysed by AA or ICP.

If Au greater than .2 oz/t then finished by gravimetric.

detection

Au, Pt, Pd, Rh*	.001 oz/t
Ag	.01 oz/t

\* Rh add Au in quart in cupellation and finished by gravimetric if greater than .1 oz/t

**Part (ii)**

**Rock Sample Numbers, Analytical Certificates  
and ICP Reports**



GEOCHEMICAL ANALYSIS CERTIFICATE



Romulus Resources Ltd. PROJECT PINE File # 92-2262  
 920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.K. BOWEN

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
47351	2	17	82	191	.4	5	8	1560	4.13	4	5	ND	1	43	1.6	2	3	49	.70	.091	4	6	1.02	35	.18	2	1.36	.09	.08	1	6
47352	116	15	305	66	.9	6	1	57	1.39	5	5	ND	1	29	.5	4	2	6	.44	.029	2	25	.05	20	.07	2	.66	.01	.10	1	14
47353	3	53	38	128	.4	2	4	661	3.94	2	5	ND	3	15	.2	2	2	49	.20	.066	6	5	1.04	318	.06	2	1.43	.02	.23	1	97
47354	9	60	37	66	.5	4	3	151	5.44	5	5	ND	3	9	.7	2	2	46	.11	.072	5	6	.42	149	.14	2	.71	.03	.20	1	122
47355	1	26	25	162	.1	4	3	900	3.89	4	5	ND	4	29	.3	2	3	57	.36	.086	6	6	1.16	78	.21	4	1.63	.04	.21	1	26
47501	3	7	61	29	.1	3	2	344	3.40	9	5	ND	2	113	.2	2	2	6	.04	.066	11	9	.53	108	.01	2	.73	.10	.13	1	2
47502	2	4	16	9	.1	1	3	20	2.12	4	5	ND	2	26	.2	2	2	4	.02	.010	3	3	.02	132	.01	2	.36	.01	.08	1	9
47503	1	6	11	105	.1	7	4	451	1.91	2	5	ND	1	16	.2	2	2	5	.31	.030	18	8	.37	60	.01	3	.89	.02	.17	1	2
47504	1	14	3	71	.1	6	7	590	3.20	2	5	ND	3	19	.2	2	2	63	.52	.065	9	8	.85	37	.18	2	1.01	.04	.07	1	5
47505	2	107	83	69	1.2	5	5	1067	3.83	23	5	ND	4	31	.2	2	3	56	.39	.042	20	14	.72	75	.15	3	1.40	.02	.16	1	54
47506	3	24	37	131	.2	1	3	861	3.43	2	5	ND	5	61	.2	2	2	65	.81	.056	7	4	.78	145	.18	2	1.93	.02	.10	1	10
STANDARD C/AU-R	19	58	38	133	7.2	71	31	1055	4.00	41	22	7	40	52	18.5	14	20	57	.48	.091	38	58	.88	179	.09	33	1.90	.06	.15	11	490

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 31 1992 DATE REPORT MAILED: Aug 7/92 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE #

GRID OR AREA

47351-52  
 47503-06

Canyon Creek  
 Canyon Creek

47353-55  
 47501-02

Main IP  
 Main IP



GEOCHEMICAL ANALYSIS CERTIFICATE

Romulus Resources Ltd. PROJECT PINE File # 92-2666

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.G. BOWEN



P. 002/002

TO 681-241

FROM ACME ANALYTICAL

AUG-31-1992 23:02

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	La	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	%	%	%	ppm	ppb	
C 28501	90	1102	31	17	2.3	3	2	87	7.09	7	5	ND	3	61	.5	3	2	15	.22	.012	2	4	.01	33	.02	2	.30	.01	.10	23	4
C 28502	5	35	8	85	.1	7	6	656	1.70	2	5	ND	9	50	.2	2	2	15	.48	.035	8	26	.51	43	.11	2	.98	.04	.11	1	5
C 28503	4	53	10	86	.1	7	7	764	2.72	5	5	ND	2	46	.3	2	2	27	.60	.060	4	8	.88	122	.12	2	1.31	.06	.08	1	5
C 28504	1	17	14	58	.1	2	1	900	4.00	7	5	ND	3	58	.5	2	2	22	.24	.084	3	4	.53	125	.16	2	1.23	.08	.18	1	4
C 28505	3	18	11	85	.2	5	5	1083	3.48	2	5	ND	4	44	.3	2	2	57	.72	.066	4	18	.93	51	.16	2	1.72	.11	.09	1	9
C 28506	2	160	11	118	.1	6	12	1818	4.27	2	5	ND	4	71	.6	2	2	55	.74	.055	6	6	1.06	533	.14	2	1.63	.03	.13	1	2
C 28507	6	14	25	41	.5	1	2	500	4.50	17	5	ND	3	28	.2	2	2	22	.21	.096	7	2	.25	87	.20	2	.91	.04	.25	1	8
C 28508	13	74	4128	110	3.6	3	28	2721	6.16	18	5	ND	3	109	.5	2	2	18	1.30	.062	5	3	.51	76	.16	2	2.04	.01	.19	1	7
C 28551	3	417	9	80	.2	7	6	893	2.48	2	5	ND	2	101	.6	2	2	31	.89	.062	7	21	.92	26	.11	4	1.50	.05	.07	1	2
C 28552	25	96	13	4	1.1	8	3	68	3.49	6	5	ND	2	16	.2	2	2	8	.04	.007	2	8	.01	35	.02	2	.20	.01	.15	4	26
C 28553	8	11	30	9	1.8	2	1	41	1.25	13	5	ND	2	5	.2	2	2	3	.02	.032	2	3	.01	32	.04	3	.25	.01	.17	1	23
C 28554	417	1011	28	11	16.9	6	1	74	6.66	3	5	ND	2	9	.3	2	38	11	.03	.019	2	24	.01	39	.05	2	.21	.01	.15	16	9
C 28555	11	56	111	226	.3	4	10	1367	2.14	2	5	ND	2	137	1.6	2	2	22	.95	.054	2	5	.88	17	.10	2	1.47	.04	.03	1	3
C 28556	5	15	4	65	.1	7	8	1159	3.50	2	5	ND	1	187	.3	2	2	38	1.08	.074	3	20	1.06	124	.13	2	1.90	.03	.09	1	2
C 28557	2	13	15	128	.3	6	13	1127	3.51	2	5	ND	1	109	.6	2	2	33	.83	.072	7	7	.99	49	.14	2	1.69	.05	.11	1	2
C 28558	4	39	18	96	.1	3	2	1533	1.75	6	5	ND	1	49	1.2	2	2	13	.62	.031	2	4	.46	41	.10	2	1.15	.01	.17	2	6
C 28559	8	37	1989	72	1.7	7	1	877	1.27	11	5	ND	2	41	1.0	2	2	9	.51	.037	2	31	.09	56	.09	3	.76	.01	.20	1	12
C 28560	3	17	22	74	.2	5	7	927	2.22	3	5	ND	1	168	.2	2	2	31	1.31	.081	3	5	.67	20	.15	4	1.56	.06	.05	1	1
C 28561	1	32	16	36	.6	2	4	521	2.10	3	7	ND	1	174	.2	2	2	28	1.11	.075	3	3	.32	25	.17	3	1.19	.06	.06	2	4
C 28562	3	658	12	101	1.5	5	8	1287	3.69	3	7	ND	4	127	.6	2	2	52	.69	.057	5	18	1.12	162	.11	2	1.73	.05	.07	1	4
C 28563	3	871	16	87	2.0	5	10	1186	4.04	3	5	ND	3	67	.6	2	2	54	.52	.055	6	7	1.13	274	.11	2	1.54	.05	.09	1	4
C 28564	2	16	64	78	.7	2	2	800	1.78	2	6	ND	1	76	.7	2	2	17	.80	.078	5	4	.30	206	.11	2	.98	.04	.10	1	5
C 28565	3	483	9	86	1.2	6	8	1258	4.03	2	5	ND	4	78	.4	2	2	58	.56	.056	6	19	1.15	263	.12	2	1.66	.06	.09	1	3
C 28566	2	251	9	144	.2	6	9	1090	3.45	5	5	ND	4	53	.4	2	2	58	1.53	.061	13	5	.93	260	.08	2	1.28	.05	.10	1	3
C 28567	2	14	44	126	.4	2	7	1436	2.32	2	5	ND	3	156	1.3	2	2	31	.86	.057	5	4	.97	46	.12	2	1.63	.04	.08	1	6
C 28568	5	35	51	90	5.7	7	9	1339	3.14	6	5	ND	6	236	.3	2	4	43	.98	.059	9	22	.98	24	.19	2	1.58	.07	.03	1	4
C 28569	3	24	11	60	.1	5	5	779	3.27	3	5	ND	4	45	.5	2	2	55	.73	.071	5	7	.80	44	.12	2	1.78	.19	.11	1	34
C 28566	1	229	10	132	.2	6	8	997	3.13	3	5	ND	4	49	.3	2	2	53	1.41	.056	12	6	.84	240	.08	2	1.20	.04	.10	1	3
C 28570	1	132	5	109	.1	3	13	1267	3.07	2	5	ND	3	70	.4	2	2	49	.86	.055	6	6	.98	56	.13	2	1.53	.04	.09	1	3
47363	13	45	10	29	.3	6	3	187	3.77	3	5	ND	6	10	.3	2	2	35	.10	.052	6	21	.55	85	.05	2	1.00	.04	.25	1	22
STANDARD C/AU-R	19	60	39	129	7.0	71	32	1108	3.96	42	24	8	40	52	17.1	15	21	57	.51	.088	38	62	.92	183	.08	34	1.98	.07	.15	10	466

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B M AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 20 1992 DATE REPORT MAILED: *Aug 24/92* SIGNED BY: *C. King* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE #

47363  
REMAINDER

GRID OR AREA

Canyon Creek  
West





GEOCHEMICAL ANALYSIS CERTIFICATE



Romulus Resources Ltd. PROJECT PINE File # 92-2423  
 920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.K. BOWEN

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
47356	5	131	3	61	.4	7	2	499	4.58	4	5	ND	3	18	.2	2	2	44	.18	.067	6	6	.79	103	.15	2	1.19	.07	.23	1	63
47357	11	218	8	86	1.7	5	1	469	9.91	3	5	ND	2	29	.2	2	2	42	.12	.028	2	3	.42	100	.13	2	.61	.01	.08	1	193
47358	11	343	13	109	2.9	4	2	494	5.07	5	5	ND	2	73	.2	2	2	47	.77	.041	3	10	.55	104	.11	2	1.81	.01	.09	1	338
47359	7	1921	18	535	4.5	3	7	1092	9.42	2	5	ND	3	10	2.7	2	2	48	.20	.054	5	5	.76	132	.04	2	1.02	.04	.08	1	1386
47360	66	3123	120	568	9.5	7	8	1189	1.93	9	5	ND	3	25	6.0	2	2	7	.34	.036	3	6	.71	35	.06	2	1.01	.01	.21	1	31
47361	93	565	234	51	5.4	7	4	415	2.41	12	5	ND	2	12	.2	2	4	10	.17	.050	2	5	.23	59	.07	2	.62	.01	.24	1	34
47362	139	1864	9	71	3.5	10	7	513	1.90	4	5	ND	2	23	.2	2	2	12	.23	.037	2	29	.56	129	.07	2	.73	.05	.15	1	8
47507	18	97	43	144	.4	3	1	228	6.86	2	5	ND	3	114	18.6	2	3	19	.04	.128	14	1	.37	61	.11	2	1.00	.47	.74	1	20
47508	6	234	36	280	1.4	6	1	380	2.79	2	5	ND	5	9	1.8	2	2	18	.16	.054	5	6	.57	33	.06	2	.72	.08	.24	1	98
47509	43	41	23	10	1.1	5	1	44	1.09	20	5	ND	2	13	.2	2	2	3	.08	.052	3	4	.02	66	.03	2	.24	.01	.16	1	77
47510	19	824	7	127	1.7	9	7	774	8.02	2	5	ND	3	14	.2	2	2	56	.22	.024	2	46	1.06	32	.17	2	1.40	.02	.09	1	46
RE 47508	6	242	39	296	1.6	6	2	383	2.80	3	5	ND	5	9	2.0	2	2	18	.16	.055	5	6	.56	30	.06	2	.69	.08	.23	1	126
47511	12	61	20	16	2.5	1	1	128	4.09	4	5	2	2	6	.2	2	2	8	.03	.040	4	2	.04	29	.02	2	.23	.01	.15	1	1826
STANDARD C/AU-R	19	59	40	133	7.6	76	31	1072	4.05	41	22	8	39	52	18.8	15	21	58	.49	.093	38	62	.90	178	.09	35	1.93	.08	.16	10	461

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
 - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 8 1992 DATE REPORT MAILED: Aug 17/92 SIGNED BY: *Chung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

SAMPLE #

GRID OR AREA

47356

Main IP

47360-62

Main IP

47357-59

Pine Au-Cu Prospect

47508-11

Pine Au-Cu Prospect



## GEOCHEMICAL ANALYSIS CERTIFICATE



**Romulus Resources Ltd. PROJECT PINE** File # 92-2667

920 - 1188 W. Georgia St., Vancouver BC V6E 4A2 Submitted by: B.G. BOWEN

SAMPLE#	Au* ppb
C 28651	44
C 28701	553
C 28702	111
C 28703	5
C 28704	53
RE C 28703	3

- SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: AUG 20 1992 DATE REPORT MAILED: *Aug 25/92* SIGNED BY: *C. Chung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

\* All Samples From Northwest Fill-in Grid



ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
47512	32	20	13	8	1.0	1	2	6	6.83	32	5	ND	1	93	.2	2	2	17	.22	.063	14	1	.06	75	.01	3	.47	.06	.59	1	2
RE 47513	1	15	9	25	.2	1	4	946	.84	2	5	ND	1	252	.3	2	2	13	16.54	.020	10	1	.23	53	.02	2	4.54	.03	.17	1	1
47513	1	16	7	24	.3	1	4	972	.80	2	5	ND	1	258	.3	2	2	13	16.97	.019	10	1	.24	54	.02	2	4.69	.03	.17	2	1
47514	1	528	13	37	2.5	3	5	533	1.86	17	5	ND	1	49	.2	2	2	48	1.73	.047	9	8	.45	47	.14	4	1.20	.03	.21	1	1
47515	1	14	5	61	.3	2	8	774	2.95	16	5	ND	1	53	.2	2	2	49	1.39	.076	13	3	.71	54	.20	5	1.23	.05	.16	1	1
47516	1	9	73	84	4.4	2	4	866	3.39	24	5	ND	1	184	.8	2	2	56	3.33	.047	7	3	1.50	37	.09	6	5.08	.03	.11	1	3
47517	1	8	16	89	.2	3	6	877	2.64	7	5	ND	1	168	.7	2	2	39	2.93	.044	9	5	.98	56	.20	2	3.27	.04	.13	1	1

Sample type: ROCK. Samples beginning 'RE' are duplicate samples.

SAMPLE #

CLAIM

47512  
47513-17

Song 1  
Song 2