

ASSESSMENT REPORT  
1980 TRENCHING PROGRAM UNDERTAKEN ON THE  
BIG MISSOURI PROPERTY  
STEWART, BRITISH COLUMBIA

CLAIMS INVOLVED : TERMINUS

MINING DIVISION : SKEENA

NTS LOCATION : MAP 104B/IE

LATITUDE AND LONGITUDE : 56°05'N ; 130°00'W

OWNER OF CLAIMS : TOURNIGAN MINING EXPLORATIONS LTD.

OPERATOR : WESTERN MINES LIMITED

AUTHOR : SHAUN M. DYKES  
PROJECT GEOLOGIST  
WESTERN MINES LIMITED

DATE : NOVEMBER 30, 1980

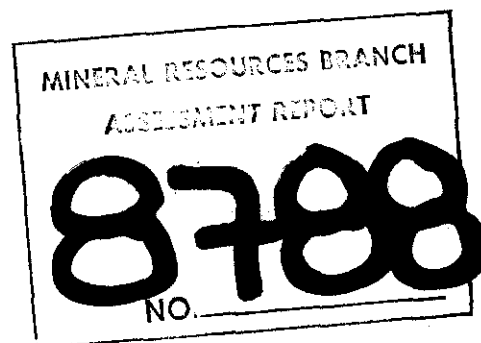


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INTRODUCTION

The Big Missouri Property is located 25 kilometers north of the town of Stewart, B. C. and situated between the Silbak Premier and Granduc Mines in northwestern British Columbia (Fig. 1).

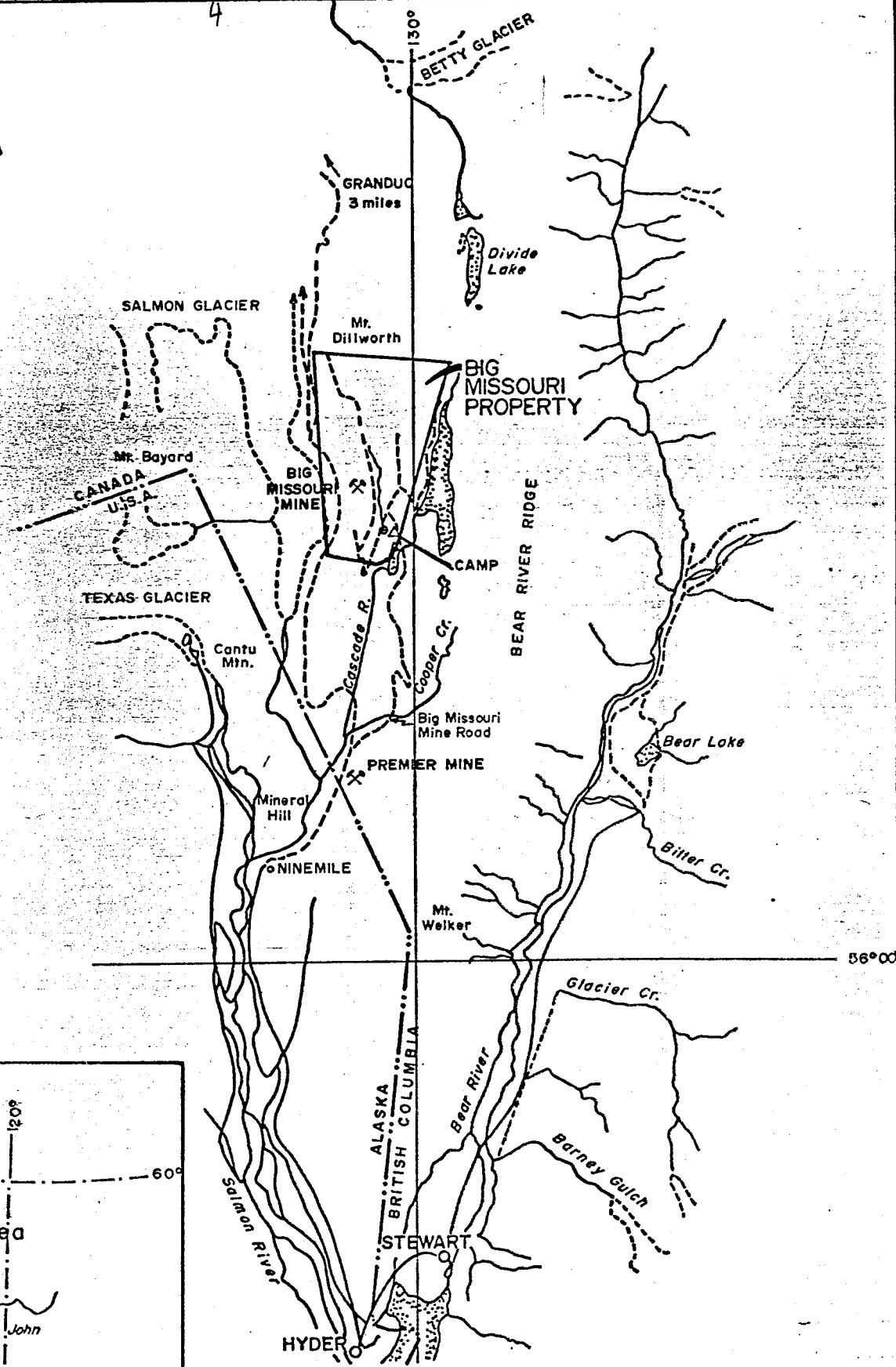
The property is accessible by road during snow-free months by way of the Granduc road from Stewart to Premier; and then by the Big Missouri road into Joker Flats and the claims areas (Fig. 1 and Fig. 2).

The Big Missouri Mine was discovered in 1904, and was subsequently put in production between 1938 and 1942 by Consolidated Mining and Smelting Co. (Cominco). Subsequent to the mine closure in 1942, there have been several attempts by various mining companies to re-evaluate the mineral potential in the area. This includes:

- work by Hecla Mining.
- geological work by Falconbridge in 1966.
- geological and geochemical work by El Paso in 1970.
- extensive underground sampling by Aetna Mines in late 1960's and early 1970's.

and - diamond drilling by Giant Mascot Mines in 1974.

Since the fall of 1973, Tournigan Mining Explorations Ltd. has held title to the property. In 1979 Tournigan and Western Mines Ltd. entered into agreement whereby Western Mines Ltd. by fulfilling certain obligations, could earn an interest in the property. It is in conjunction with this agreement that the 1980 trenching program was undertaken.



**WESTERN MINES LIMITED**  
**BIG MISSOURI PROJECT**  
**PROPERTY LOCATION MAP**

miles  
 0 1 2 3 4  
 Scale km - 1.457km

Date: July, '80    Drawn by:    Revised:    **FIGURE 1.**

## GEOLOGY AND MINERALIZATION

The volcanic sequence consists of agglomerates, tuffs and flows of andesitic composition intercalated with cherty tuff bands. The sequence is cross-cut by andesitic and granitic dykes, and truncated by numerous faults of several ages. The mineralization observed consists of fine grained disseminated pyrite with or without sphalerite and galena contained mainly in the cherty tuff horizons or as small sulphide stringers and veinlets within the andesite. Gold and silver values are erratic. Better intersections are commonly in the 0.10 to 0.15 oz/T Au and 0.5 to 1.0 oz/T Ag range. Lead and zinc values greater than 1% are present locally. Nature and control of the gold and silver distribution is as yet unknown.

Sericitization and silicification are the predominant alteration types within the mineralized zones. Sericitization is the most pervasive and widespread, while silicification is found locally in relationship to the mineralized horizons.

The preliminary interpretation of the geological environment is that the mineralization occurs in narrow stratabound interflow siliceous exhalative horizons.

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## 1980 TRENCHING PROGRAM

### Description

A total of 640m of trenching was carried out in 7 trenches on the Big Missouri Property. The trenching was done on the Province, J.P. Fraction, Union Fraction, G.T. Fraction, Jain and E. Pluribus mineral claims (Fig. 2). The work was done between July 23, 1980 and October 3, 1980. The trenches were first cleared and drilled for blasting using a jackhammer type drill connected to a 100 cu. ft./min. compressor. Following blasting, the trenches were mucked out by hand and sampled at 2m intervals. Table 1 outlines the location and length of the various trenches and Figure 3 shows their location in relation to the claim boundaries.

Samples from the trenches were crushed in a small jaws crusher and riffle split to approximately 1/8 the size. The split was subsequently sent to Chemex Labs and assayed for Au, Ag, Pb and Zn. The remaining sample was stored for future use.

### Purpose

The trenching was designed to outline the nature and surface extent of the mineralization observed in the 1979 exploration program.

### Results

The trench assay results are listed in Table 2. Results indicate the presence of significant ( $>0.1$  oz/T Au and/or  $>1.0$  oz/T Ag)<sup>MINERALIZATION</sup> in the Dago Hill trench and trenches A, B, C, D. Grade distribution within the mineralized horizon is erratic, however, the overall grade of the zone is greater than 0.1 oz/T Au equivalent. Trenches E and F designed to examine extensions of the mineralized horizons, appear to be weakly mineralized with only low gold and silver values present.

In addition to gold and silver values, significant amounts of lead and zinc are present in local areas.

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## Conclusions

The results of the 1980 trenching program indicate that;

1. Significant Au, Ag, Pb, Zn mineralization is present over mining widths on the Province (trenches A, B, C, D) and the Dago Hill (Dago Hill trench) mineralized zones.
2. That continuous trenching perpendicular to the strike of the horizon of interest is a useful tool in the evaluation of this type of mineralization.

TABLE 1 : - 1980 TRENCH LOCATIONS

<u>Trench</u>	<u>Location</u>	<u>Length</u>	<u>Claim</u>
Dago Hill Trench	10+40N/16+55E	60m	E. Pluribus
Province Trench A	12+31N/10+04E	176m	Province
B	12+02N/10+02E	152m	Province
C	11+45N/10+05E	156m	J.P. Fraction
D	8+60N/10+04E	60m	Jain
E	6+00N/9+60E	20m	G.T. Fraction
F	9+23N/10+53E	<u>16m</u>	Union Fraction
		<u>640m</u>	
Total Province Group	408m	0.637%	
E. Pluribus Group	232m	0.363%	



ITEMIZED COST STATEMENTA. Physical Work

1. Trenching contactor J. Moreau	
64 days @ \$650/day	\$ 41,600.00
(includes 2 crew plus 100 CFM compressor)	
mobilization & demobilization	2,000.00
blasting materials	7,462.45
drill bits & equipment	2,869.27
fuel and oil for compressor	501.92
2. Board and lodging	
70 days x 2 men @ \$20/day	2,800.00
3. Use of John Deere 450 Cat & Cat skinner	
trench cleaning & moving time for compressor	
116 hrs. @ \$30/hr.	3,480.00
Access road building for compressor	
156 hrs. @ \$30/hr.	4,680.00
Fuel and oil for Cat	574.37
4. Supervision: trench location, access road location	
6 man days @ \$114.90/day	689.40

B. Geochemical Work

1. Trench sampling: includes sample preparation	
34 days x 3 men x \$72/day	7,344.00
2. Trench assays: 281 samples @ \$21/sample less 10%	5,310.90
3. Board and lodging: 34 days x 3 men @ \$20/day	2,040.00
4. Supervision: assay locations, layouts	
6 days @ \$114.90/day	689.40
5. Cost of report preparation: typing, drafting, etc.	
2.5 man days @ \$124.21/day	310.50

Total Cost

A. Physical Work           \$66,657.41  
B. Geochemical Work       15,694.70

			<u>Physical</u>	<u>Geochemical</u>
Work distribution	Province Group	0.637%	\$42,460.77	\$9,997.24
	E. Pluribus	0.363%	24,196.64	5,697.17

STATEMENT OF QUALIFICATIONS

- UNIVERSITY EDUCATION : - 1976 graduated with B.Sc (eng.) degree in Geology from Queen's University, Kingston, Ontario.
- : - 1979 graduated with M.Sc (eng.) degree in Geology from Queen's University, Kingston, Ontario.
- : - Courses taken based on mineral exploration, igneous petrology, and mineral economics.
- PRACTICAL EXPERIENCE : - 4 summers experience in northern Ontario and northeastern British Columbia.
- : - Summer 1979 began work for Western Mines Ltd. on Big Missouri property.

Respectively submitted



Shaun M. Dykes

TABLE 2

1980 TRENCH ASSAY DATA



# WESTERN MINES LIMITED

HEAD OFFICE:  
1103 THREE BENTALL CENTRE, P.O. BOX 49066  
595 BURRARD STREET, VANCOUVER, B.C. V7X 1C4  
PHONE: (604) 681-2253 TELEX: 04-51573

PROVINCE TRENCH A - Location 12+31N/10+04E

Samples 88501 to 88525 taken in 1979

Sampled East to West.

SAMPLE NO.	LOCATION		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
	FROM m	TO m					
88501	0	2	<0.003	0.12	<0.01	0.03	0.03
88502	2	4	<0.003	-	<0.01	0.01	0.02
88503	4	6	0.022	-	0.02	0.10	0.17
88504	6	8	<0.003	-	<0.01	0.03	0.04
88505	8	10	<0.003	0.12	<0.01	0.02	0.03
88506	10	12	<0.003	0.01	<0.01	0.01	0.02
88507	12	14	0.034	0.03	<0.01	0.02	0.03
88508	14	16	0.042	0.48	<0.01	0.27	0.40
88509	16	18	0.082	0.76	0.04	0.65	0.82
88510	18	20	0.028	0.25	<0.01	0.18	0.25
88511	20	22	0.022	0.29	0.01	0.23	0.48
8512	22	24	0.058	0.46	0.04	0.45	1.09
88513	24	26	0.003	0.20	0.01	0.21	0.44
99514	26	28	0.290	2.87	0.41	4.09	9.79
88515	28	30	0.370	2.33	0.17	1.44	1.70
88516	30	32	0.084	0.52	0.05	0.51	1.18
88517	32	34	0.046	2.35	0.17	1.24	1.70
88518	34	36	0.022	0.72	0.06	0.59	1.09
88519	36	38	0.016	0.38	0.03	0.23	0.47
88520	38	40	0.008	0.39	0.01	0.17	0.41
88521	40	42	0.003	0.37	<0.01	0.14	0.41
88522	42	44	0.005	0.19	0.01	0.15	0.29
88523	44	46	0.030	0.33	<0.01	0.08	0.17
88524	46	48	0.126	0.63	<0.05	0.54	0.98
88525	48	50	0.030	0.27	N/A	0.22	0.43
9027	50	52	0.020	0.24	<0.01	0.05	0.01
9028	52	54	0.036	0.24	<0.01	0.06	0.07
9029	54	56	0.044	0.09	<0.01	0.05	0.15



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SAMPLE NO.	LOCATION		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
	FROM m	TO m					
<u>PROVINCE TRENCH A</u>							
9030	56	58	0.072	0.26	<0.01	0.06	0.17
9031	58	60	0.020	0.26	<0.01	0.11	0.24
9032	60	62	0.036	0.22	0.03	0.30	0.25
9033	62	64	0.046	0.25	0.06	0.54	0.54
9034	64	66	0.082	0.72	0.07	0.74	1.26
9035	66	68	0.005	0.20	0.02	0.22	0.25
9036	68	70	<0.003	0.06	<0.01	0.02	0.03
9037	70	72	0.010	0.05	<0.01	0.02	0.03
9038	72	74	0.003	0.04	<0.01	0.10	0.04
9039	74	76	0.003	0.02	<0.01	0.02	0.04
9040	76	78	0.040	0.02	<0.01	0.02	0.06
9041	78	80	0.032	0.05	<0.01	0.06	0.14
9042	80	82	0.050	0.17	0.01	0.24	0.22
9043	82	84	0.164	0.05	<0.01	0.08	0.16
9044	84	86	0.008	0.05	<0.01	0.05	0.07
9045	86	88	0.070	0.39	0.01	0.17	0.30
9046	88	90	0.028	0.09	<0.01	0.06	0.06
9047	90	92	0.016	0.10	<0.01	0.03	0.15
9048	92	94	0.040	0.14	0.03	0.16	0.13
9049	94	96	0.010	0.17	<0.01	0.13	0.19
9050	96	98	0.005	0.04	<0.01	0.02	0.05
9051	98	100	0.003	0.10	<0.01	0.01	0.03
9052	100	102	0.024	0.05	<0.01	0.05	0.11
9053	102	104	0.005	0.02	<0.01	0.01	0.03
9054	104	106	0.040	0.04	<0.01	0.01	0.05
9055	106	108	0.012	0.31	0.02	0.23	0.20



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## PROVINCE TRENCH A

<u>SAMPLE NO.</u>	<u>LOCATION</u>		<u>Au</u> oz/T	<u>Ag</u> oz/T	<u>Cu</u> %	<u>Pb</u> %	<u>Zn</u> %
	<u>FROM</u> m	<u>TO</u> m					
9056	108	110	0.026	0.17	0.01	0.18	0.22
9057	110	112	0.016	0.32	0.03	0.21	0.22
9058	112	114	0.044	0.19	0.01	0.15	0.49
9059	114	116	0.020	0.18	<0.01	0.12	0.11
9060	116	118	0.028	0.19	<0.01	0.08	0.12
9061	118	120	0.040	0.36		0.37	0.48
9062	120	122	0.022	0.24		0.12	0.20
9063	122	124	0.030	0.53		0.15	0.38
9064	124	126	0.014	0.48		0.19	0.05
9065	126	128	0.012	0.41		0.27	1.08
9066	128	130	0.026	0.41		0.18	0.36
9067	130	132	0.030	0.21		0.10	0.40
9068	132	134	0.024	0.42		0.26	0.42
9069	134	136	0.005	0.22		0.12	0.20
9070	136	138	0.010	0.27		0.04	0.03
9071	138	140	0.162	1.31		0.05	0.03
9072	140	142	0.040	0.28		0.05	0.06
9073	142	144	0.003	0.28		0.04	0.16
9074	144	146	0.022	0.80		0.93	1.86
9075	146	148	0.024	0.59		0.40	1.43
9076	148	150	0.012	2.84		5.64	5.22
9077	150	152	0.026	1.17		1.60	2.09
9078	152	154	0.010	0.53		0.66	0.12
9079	154	156	0.040	0.36		0.06	0.03
9080	156	158	0.030	0.91		0.08	0.03
9081	158	160	0.026	0.53		0.04	0.17
9082	160	162	0.044	0.59		0.10	0.38
9083	162	164	0.032	0.58		0.06	0.11



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## PROVINCE TRENCH A

<u>SAMPLE NO.</u>	<u>LOCATION</u>		<u>Au</u> oz/T	<u>Ag</u> oz/T	<u>Cu</u> %	<u>Pb</u> %	<u>Zn</u> %
	<u>FROM</u> m	<u>TO</u> m					
9084	164	166	0.032	0.34		0.24	0.06
9085	166	168	0.016	0.20		0.06	0.14
9086	168	170	0.020	0.24		0.24	0.71
9087	170	172	.018	0.20		0.06	0.06
9088	172	174	.040	0.16		0.05	0.05
9089	174	176	.052	0.31		0.05	0.07





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## PROVINCE TRENCH B - Location 12+02N/10+02E

Sampled East to West.

SAMPLE NO.	LOCATION		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
	FROM (m)	TO (m)					
9090	0	2	0.003	0.10		0.01	0.03
9091	2	4	<0.003	0.50		0.02	0.03
9092	4	6	0.003	0.16		0.13	0.17
9093	6	8	0.034	1.20		1.90	5.14
9094	8	10	0.064	1.76		1.57	2.61
9095	10	12	0.116	2.20		1.66	2.57
9096	12	14	0.003	0.56		0.21	0.25
9097	14	16	0.014	0.70		0.22	0.30
9098	16	18	0.032	0.66		0.29	0.30
9099	18	20	0.012	0.32		0.24	0.39
9100	20	22	0.040	0.52		0.16	0.82
9101	22	24	0.003	0.60		0.79	1.02
9102	24	26	0.003	1.34		2.71	3.53
9103	26	28	0.030	0.64		1.39	1.15
9104	28	30	0.062	0.54		0.56	0.62
9105	30	32	0.068	1.80		1.51	2.70
9106	32	34	0.030	0.50		0.36	0.68
9107	34	36	0.012	0.74		1.24	1.39
9108	36	38	0.072	0.90		1.25	1.77
9109	38	40	0.138	0.80		1.22	1.56
9110	40	42	0.110	1.24		2.00	3.31
9111	42	44	0.056	0.20		0.27	0.52
9112	44	46	0.194	0.80		1.14	2.22
9113	46	48	0.046	0.54		0.62	0.64
9114	48	50	0.034	0.20		0.09	0.07
9115	50	52	0.005	0.04		0.04	0.03
9116	52	54	0.042	0.16		0.23	0.14
9117	54	56	0.012	0.10		0.05	0.04
9118	56	58	0.014	0.54		0.16	0.11



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PROVINCE TRENCH B - Location 12+20N/10+02E

SAMPLE NO.	LOCATION		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
	FROM (m)	TO (m)					
9119	58	60	0.010	0.24		0.21	0.37
9120	60	62	0.038	0.30		0.36	0.72
9121	62	64	0.036	0.62		0.51	0.90
9122	64	66	0.116	0.10		0.13	0.14
9123	66	68	0.714	0.78		0.47	0.78
9124	68	70	0.086	0.26		0.12	0.34
9125	70	72	0.050	0.24		0.05	0.10
9126	72	74	0.034	0.22		0.03	0.04
9127	74	76	0.014	0.14		0.01	0.02
9128	76	78	0.012	0.14		<0.01	0.02
9129	78	80	0.020	0.12		0.01	0.02
9130	80	82	0.016	0.16		0.03	0.03
9131	82	84	0.018	0.22		0.04	0.07
9132	84	86	0.040	0.20		0.09	0.04
9134	102	104	0.005	0.20		0.05	0.05
9140	114	116	0.020	0.18		0.03	0.04
9141	116	118	0.003	0.26		0.05	0.09
9142	118	120	0.058	0.28		0.10	0.17
9143	120	122	0.044	0.57		0.75	0.50
9144	122	124	0.156	0.50		0.54	0.61
9145	124	126	0.016	1.63		4.56	2.08
9146	126	128	0.012	0.71		0.75	0.47
9147	128	130	0.050	0.37		0.30	0.36
9148	130	132	0.068	0.37		0.27	0.29
9149	132	134	0.018	0.46		0.25	0.63
9150	134	136	0.014	0.25		0.09	0.14
9151	136	138	0.010	0.11		0.03	0.04
9152	138	140	0.024	0.19		0.06	0.04
9153	140	142	0.003	0.23		0.05	0.02
9154	142	144	0.003	0.06		0.04	0.02



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PROVINCE TRENCH B - Location 12+02N/10+02E

<u>SAMPLE NO.</u>	<u>LOCATION</u>		<u>Au</u> oz/T	<u>Ag</u> oz/T	<u>Cu</u> %	<u>Pb</u> %	<u>Zn</u> %
	<u>FROM</u> (m)	<u>TO</u> (m)					
9193	144	146	0.003	0.10		0.02	0.02
9194	146	148	0.050	0.17		0.03	0.03
9195	148	150	0.050	0.41		0.51	0.52
9196	150	152	0.036	2.40		5.97	4.10



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PROVINCE TRENCH C - Location 11+45N/10+05E

Sampled East to West.

SAMPLE NO.	LOCATION		Au oz/T	Ag oz/T	Cu %	Pb %	Zn %
	FROM	TO					
	m	m					
9157	0	2	< 0.003	0.10		0.06	0.06
9158	2	4	< 0.003	0.12		0.08	0.15
9159	4	6	0.005	0.32		0.09	0.13
9160	6	8	0.003	0.24		0.07	0.16
9161	8	10	< 0.003	0.70		0.15	0.13
9162	10	12	< 0.003	0.20		0.04	0.07
9163	12	14	0.038	0.24		0.06	0.14
9164	14	16	0.044	0.77		0.38	0.63
9165	16	18	0.022	0.30		0.06	0.13
9166	18	20	0.270	0.37		0.06	0.26
9167	20	22	0.080	0.34		0.10	0.23
9168	22	24	0.044	1.29		0.44	0.61
9169	24	26	0.028	0.33		0.10	0.24
9170	26	28	0.020	0.30		0.08	0.13
9171	28	30	0.012	0.27		0.10	0.16
9172	30	32	0.048	0.27		0.10	0.32
9173	32	34	0.003	0.16		0.17	0.18
9174	34	36	0.010	0.39		0.32	0.29
9175	36	38	0.005	0.42		0.23	0.46
9176	38	40	0.040	0.61		0.49	0.89
9177	40	42	0.005	0.22		0.11	0.05
9178	42	44	0.030	0.19		0.14	0.31
9179	44	46	0.032	0.19		0.13	0.68
9180	46	48	< 0.003	0.12		0.03	0.09
9181	48	50	.012	0.13		0.06	0.14
9182	50	52	.003	0.12		0.05	0.05
9183	52	54	< 0.003	0.20		0.09	0.06



# WESTERN MINES LIMITED

HEAD OFFICE:  
 1103 THREE BENTALL CENTRE, P.O. BOX 49066  
 595 BURRARD STREET, VANCOUVER, B.C. V7X 1C4  
 PHONE: (604) 681-2253 TELEX: 04-51573

## PROVINCE TRENCH C

<u>SAMPLE NO.</u>	<u>LOCATION</u>		<u>Au</u> oz/T	<u>Ag</u> oz/T	<u>Cu</u> %	<u>Pb</u> %	<u>Zn</u> %
	<u>FROM</u> m	<u>TO</u> m					
9184	54	56	<0.003	0.28		0.03	0.06
9185	56	58	0.003	0.18		0.04	0.08
9186	58	60	<0.003	0.10		0.07	0.06
9187	60	62	.005	0.30		0.10	0.07
9188	62	64	.005	0.40		0.06	0.06
9189	64	66	0.080	3.44		0.06	0.08
9190	66	68	0.020	0.26		0.04	0.01
9191	68	70	0.024	0.16		0.01	0.01
9192	70	72	0.016	0.12		0.02	0.02
9197	72	74	0.030	0.85		0.06	0.07
198	74	76	0.054	0.23		0.06	0.06
9199	76	78	0.080	0.32		0.41	0.11
9200	78	80	0.020	0.30		0.03	0.04
9201	80	82	0.022	0.06		0.01	0.01
						<u>ppm</u>	<u>ppm</u>
9206	102	104	<0.003	0.04		42	126
9207	104	106	0.003	0.02		64	102
9208	106	108	0.003	0.12		8	100
9209	108	110	0.003	0.14		10	120
9210	110	112	<0.003	0.08		28	50
9211	112	114	0.005	0.11		38	520
9212	114	116	0.032	0.13		320	270
9213	116	118	0.012	0.07		38	230
9214	118	120	0.050	0.11		220	130
9215	120	122	0.040	0.08		170	138
9216	122	124	0.010	0.15		60	156



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## PROVINCE TRENCH C

<u>SAMPLE NO.</u>	<u>LOCATION</u>		<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Cu</u> <u>%</u>	<u>Pb</u> <u>ppm</u>	<u>Zn</u> <u>ppm</u>
	<u>FROM</u>	<u>TO</u>					
	m	m					
9217	124	126	0.003	0.16		68	200
9218	126	128	0.003	0.02		54	215
9219	128	130	< 0.003	< 0.01		14	46
9220	130	132	< 0.003	< 0.01		20	130
9221	132	134	< 0.003	0.04		18	134
9222	134	136	< 0.003	0.08		8	96
9223	136	138	< 0.003	0.07		2	112
9224	138	140	< 0.003	0.06		1	108
9225	140	142	< 0.003	0.06		1	124
J226	142	144	< 0.003	0.05		2	128

PROVINCE TRENCH D - 8+60N/10+04E PROVINCE GRID

Sampled East to West.

Sample No.	Location		Au oz/t	Ag oz/t	Cu %	Pb %	Zn %
	From	To					
9001	0m	2m	0.144	0.35	0.02	0.12	0.26
9002	2m	4m	0.056	0.46	<0.01	0.10	0.21
9003	4m	6m	0.136	0.56	<0.01	0.33	0.33
9004	6m	8m	0.024	0.27	<0.01	0.05	0.03
9005	8m	10m	0.028	0.13	<0.01	0.03	0.02
9006	10m	12m	0.022	0.09	<0.01	0.02	0.01
9007	12m	14m	0.030	0.11	<0.01	0.05	0.01
9008	14m	16m	0.028	0.43	<0.01	0.10	0.07
9009	16m	18m	0.032	0.21	<0.01	0.04	0.03
9010	18m	20m	0.022	0.16	<0.01	0.04	0.06
9011	20m	22m	0.050	0.15	<0.01	0.07	0.10
9012	22m	24m	0.024	0.07	<0.01	<0.01	0.01
9013	24m	26m	0.003	0.02	<0.01	<0.01	0.01
9014	26m	28m	0.003	0.02	<0.01	<0.01	0.01
9015	28m	30m	<0.003	0.01	<0.01	<0.01	0.01
9016	30m	32m	0.003	0.10	<0.01	<0.01	0.02
9017	32m	34m	0.005	0.12	<0.01	0.01	0.01
9018	34m	36m	0.003	0.22	<0.01	0.03	0.04
9019	36m	38m	0.016	0.08	<0.01	0.01	0.03
9020	38m	40m	0.008	0.09	<0.01	<0.01	0.02
9021	40m	42m	0.003	0.06	<0.01	<0.01	0.01
9022	42m	44m	0.008	0.09	<0.01	<0.01	0.01
9023	44m	46m	0.005	0.02	<0.01	<0.01	0.02
9024	46m	48m	0.005	0.06	<0.01	<0.01	0.02
9025	48m	50m	0.040	0.06	<0.01	<0.01	0.01
9026	58m	60m	0.003	0.04	<0.01	<0.01	0.01

Province Trench E6+00N/9+60EProvince Grid

Sampled East to West.

Sample No.	Location From	To	Au OZ/T	Ag OZ/T	Cu %	Pb ppm	Zn ppm
9227	0-2		0.003	.14	-	530	1150
9228	2-4		0.003	.08	-	100	200
9229	4-6		0.003	.16	-	70	150
9230	6-8		0.003	.18	-	200	100
9231	8-10		0.003	.14	-	190	100
9232	10-12		0.003	.22	-	280	550
9233	12-14		0.003	.20	-	95	100
9234	14-16		0.003	.22	-	80	>4000
9235	16-18		0.003	.14	-	80	700
9236	18-20		0.003	.22	-	50	150



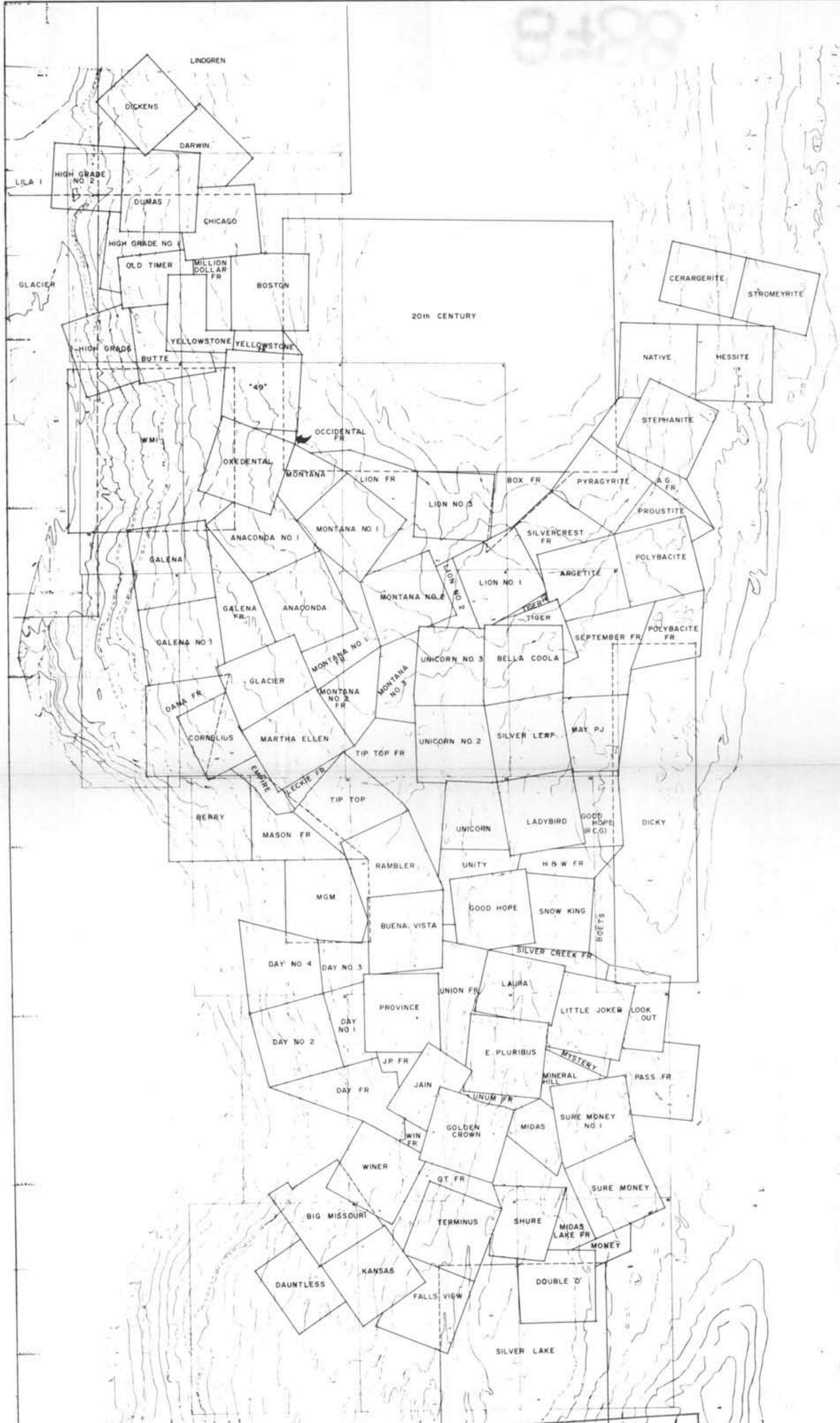
<u>Province Trench F</u> ,		<u>9+23N/10+53E</u>		<u>Province Grid</u>			
Sampled Southeast to Northwest							
Sample No.	Location		Au	Ag	Cu	Pb	Zn
	From (m)	To (m)	OZ/T	OZ/T	%	ppm	ppm
9237	0-2		0.003	0.28	-	220	850
9238	2-4		0.005	0.17	-	330	1600
9239	4-6		0.024	0.07	-	200	650
9240	6-8		0.030	0.15	-	1000	2300
9241	8-10		0.003	0.14	-	310	900
9242	10-12		0.020	0.16	-	500	450
9243	12-14		0.003	0.36	-	230	500

## DAGO HILL TRENCH - 10+40N/16+55E Trending 145° DAGO GRID

Sampled Northwest to Southeast.

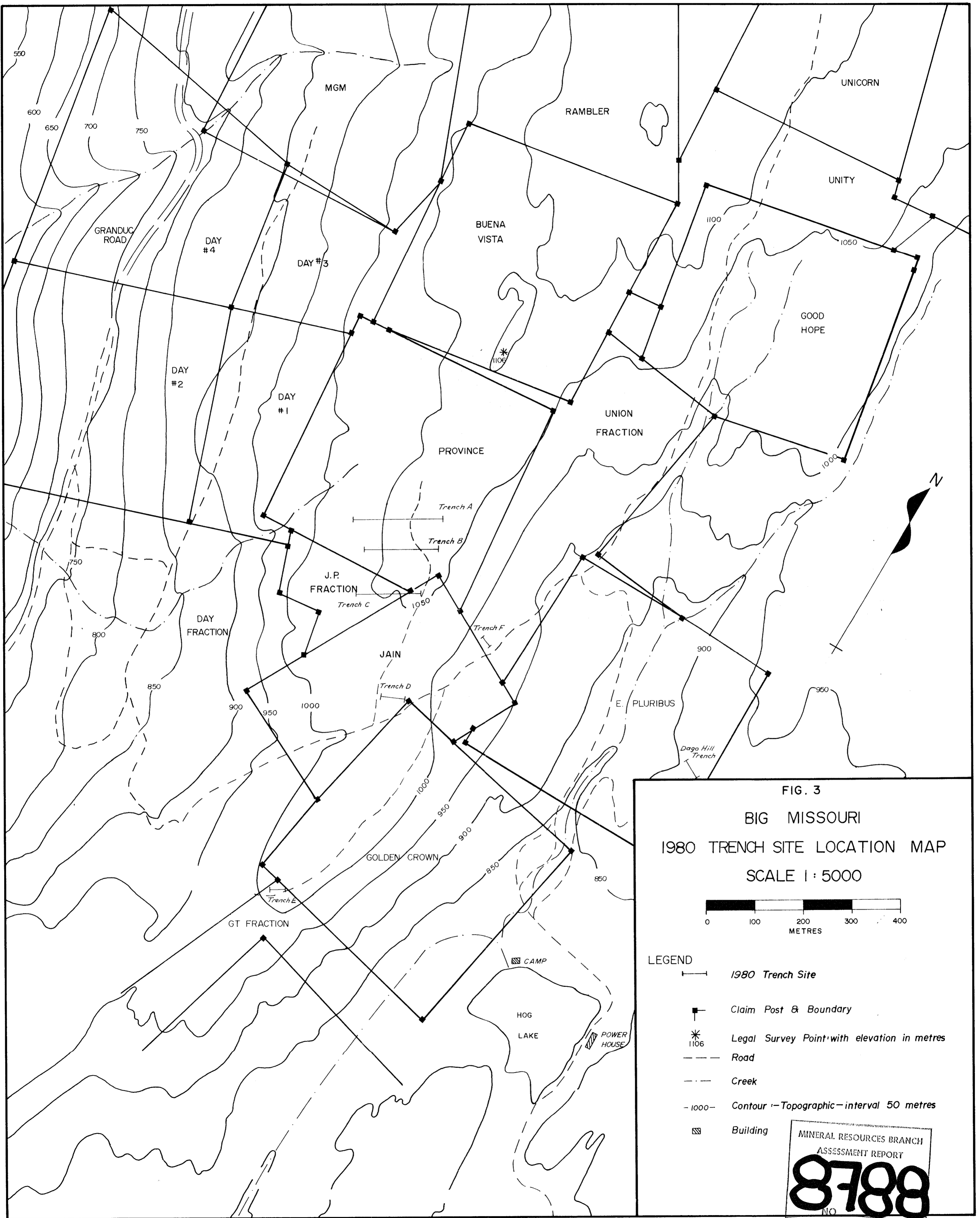
Sample No.	Meterage		Au oz/T	Ag oz/T	Pb %	Zn %
	From	To				
70021	0m	2m	0.005	0.66	0.03	0.07
70022	2m	4m	0.003	1.08	0.04	0.05
70023	4m	6m	0.060	1.24	0.08	0.11
70024	6m	8m	0.003	0.32	0.03	0.03
70025	8m	10m	0.005	0.38	0.01	0.03
70026	10m	12m	0.003	0.86	0.05	0.15
70027	12m	14m	0.003	1.26	0.05	0.08
70028	14m	16m	0.030	3.79	0.06	0.05
70029	16m	18m	0.008	0.81	0.02	0.04
70030	18m	20m	0.010	1.93	0.09	0.10
70036	20m	22m	0.026	1.13	0.05	0.04
70031	22m	24m	0.008	1.12	0.06	0.07
70032	24m	26m	0.024	8.25	0.10	0.14
70033	26m	28m	0.112	0.56	0.09	0.18
70034	28m	30m	0.034	0.76	0.06	0.05
70035	30m	32m	0.224	2.53	0.09	0.09
70037	32m	34m	0.046	0.27	0.03	0.05
70038	34m	36m	0.010	0.31	0.01	0.03
70039	36m	38m	0.034	0.62	0.04	0.08
70040	38m	40m	0.010	1.09	0.05	0.08
70041	40m	42m	0.005	0.47	0.07	0.15
70042	42m	44m	0.003	0.30	0.03	0.04
70043	44m	46m	<0.003	0.30	0.01	0.03
70044	46m	48m	<0.003	0.26	0.01	0.03
70045	54m	56m	0.005	1.24	0.04	0.11

8788



MINERAL RESOURCES BRANCH  
 ASSESSMENT REPORT  
**8788**  
 NO.

WESTERN	SINE	LAM
BIG MISSOURI - UNICORN PROP		
Fig 2	CLAIMS	



**FIG. 3**  
**BIG MISSOURI**  
**1980 TRENCH SITE LOCATION MAP**  
**SCALE 1 : 5000**

0 100 200 300 400  
 METRES

**LEGEND**

- |— 1980 Trench Site
- Claim Post & Boundary
- \* 1106 Legal Survey Point with elevation in metres
- - - Road
- - - Creek
- 1000 - Contour - Topographic - interval 50 metres
- ▣ Building

MINERAL RESOURCES BRANCH  
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