

# UMEX

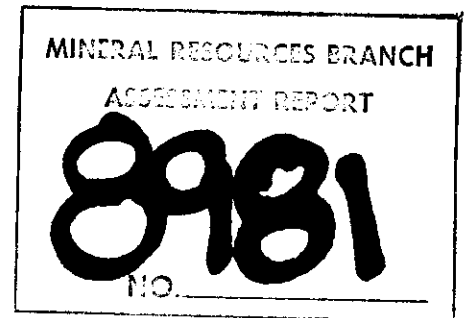
UNION MINIÈRE EXPLORATIONS  
AND MINING CORPORATION LIMITED

Suite 200, 4299 Canada Way, Burnaby, B.C. V5G 1H4  
Telephone (604) 437-9491

ASSESSMENT REPORT ON  
TRENCHING AND ROCK SAMPLING ON THE  
LIZARD CLAIM GROUP  
(Lizard, Dinosaur, Diplodocus, Crinosaurus Mineral Claims)

Record Nos. 276, 277, 866 and 867  
Alberni Mining Division

by  
A. Pauwels, B.Sc.



Owner and Operator: Union Miniere Explorations and  
Mining Corporation Limited.

Work Dates: October 22 - 31, 1980.

Report Date: January 5, 1981

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ASSESSMENT REPORT ON  
TRENCHING AND ROCK SAMPLING ON THE  
LIZARD CLAIM GROUP  
(LIZARD, DINOSAUR, DIPLODOCUS, CRINOSAURUS MINERAL CLAIMS)

#### INTRODUCTION

The Lizard claim group encompasses the Lizard, Dinosaur, Crinosaurus and Diplodocus claims and is located 15 km southeast of Port Alberni, south of China Creek (see Figure 1).

Access to the property is excellent by well maintained private logging roads, owned by MacMillan Bloedel.

The centre of the claims is at  $49^{\circ}8'30''\text{N}$  and  $124^{\circ}40'\text{E}$  and elevations range from 400 to 1300 metres above sealevel. Rock sampling and trenching were done from October 22 to 31st, 1980. The trenching was planned by A. Pauwels, B.Sc. Rock sampling and daily supervision was carried out by R. Turna, B.Sc.

#### TRENCHING

Four trenches were dug to bedrock for a total length of 305 m. The trenches were dug with a backhoe (Insley) by Rayner and Bracht Ltd., from Port Alberni. Trenches were approximately 1 m wide and were dug to bedrock at a depth of 1 to 4 m below surface. A detailed plan of the trenches with a description of the rock types is presented in Figure 2.

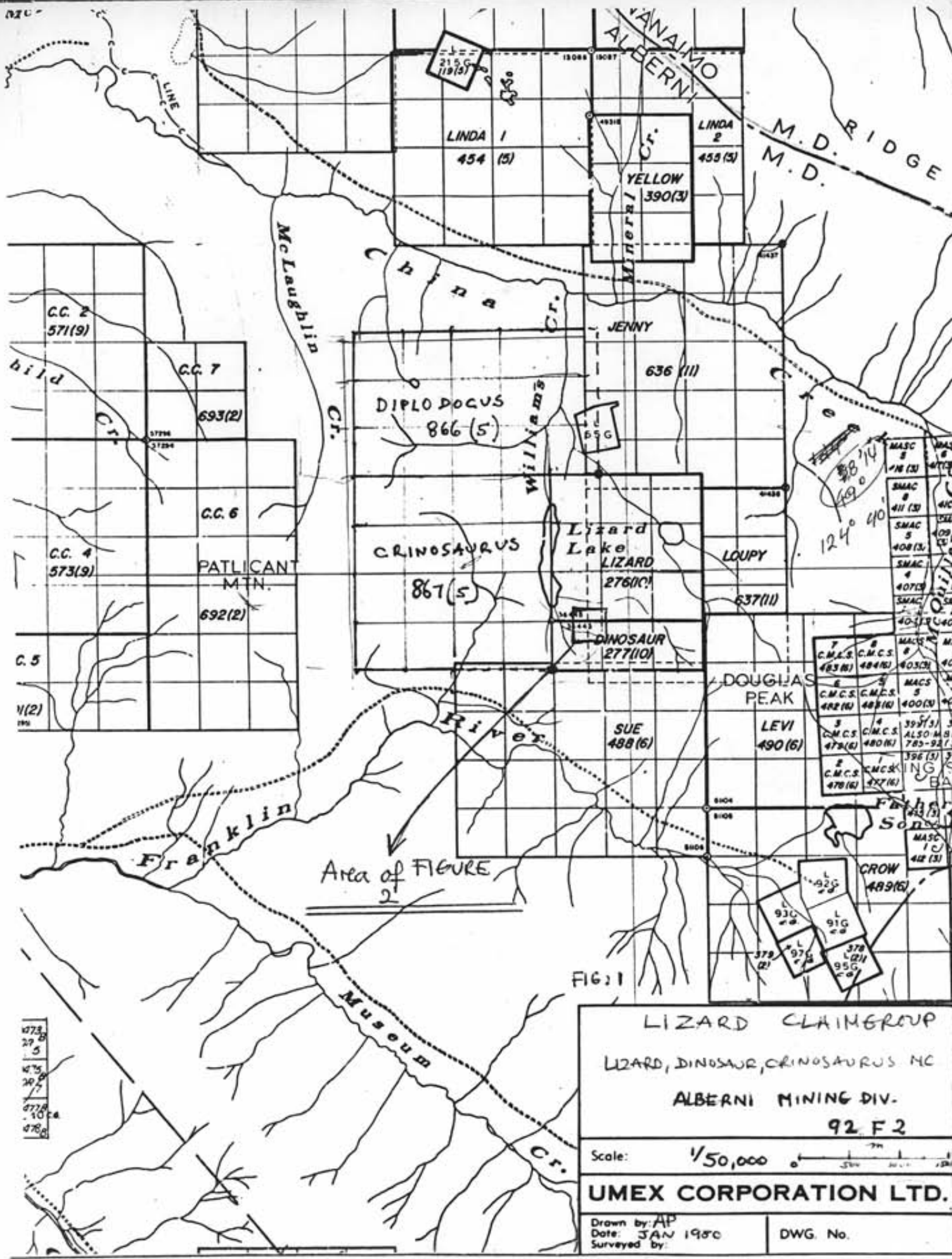
#### ROCK SAMPLING

All trenches were continuously chip sampled over 10 m lengths. Samples were taken 2 m over the discovery showing. Random chip samples were also taken over outcrops in the vicinity as indicated on Figure 2.

All samples were analysed for copper, zinc, silver and gold. Only part of the samples were analysed for lead, arsenic and antimony. High gold, silver and copper values were obtained from the discovery showing over 8 m. The highest values being 4.4 ppm Au (0.13 oz/t), 0.70 Ag oz/t and 0.13% Cu over 2 m. Duplicate samples over the sample outcrops gave very similar results.

#### CONCLUSIONS AND RECOMMENDATIONS

Trenching disclosed high copper, silver and gold values over 8 m on the Lizard



**LIZARD CLAIM GROUP**  
 LIZARD, DINOSAUR, CRINOSAURUS MC  
 ALBERNI MINING DIV.  
 92 F 2

Scale: 1/50,000

**UMEX CORPORATION LTD.**

Drawn by: AP  
 Date: JAN 1980  
 Surveyed by:

DWG. No.

473  
 29  
 5  
 475  
 30  
 7  
 477  
 10  
 478

claim group.

Additional drilling and trenching is required to further explore this copper, gold and silver mineralization.

*A. Pauwels*

Respectfully submitted,

A. Pauwels

APPENDIX I  
STATEMENT OF EXPENDITURES

Trenching:

Rayner & Bracht - as per Invoice	
October 22 - 31, 1980	3,970.25

Personnel:

R. Turna - Supervision 7 days @ \$91.92	643.44
rock sampling 3½ days, supervision-trenching 3½ days	

A. Pauwels Planning, Supervision, Preparation	
2 days @ \$162.32	324.64

Accommodations/Meals:

8 days @ \$45.00/day	360.00
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Truck Rental:

8 days @ \$45.00/day (equivalent rental + gasoline)	360.00
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Analysis:

Chemex Laboratories Ltd., 212 Brooksbank Avenue, North Vancouver	
18 rock samples analysed for Cu, Pb, Zn, Ag, Au, As, Sb @ \$14.45	260.10

Acme Laboratories Ltd., 852 East Hastings Street, Vancouver	
24 rock samples analysed for Cu, Pb, Zn, Ag, Au, As, Sb @ \$ 8,08	193.92

35 rock samples analysed for Cu, Zn, Ag, Au @ \$6.38	223.30
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Drafting, typing, office supplies	100.00
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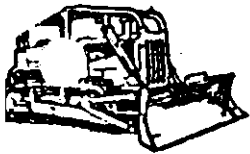
Travel Expenses

R. Turna           ½ day @       \$ 91.92/day	45.96
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A. Pauwels       ½ day @       \$162.32/day	81.16
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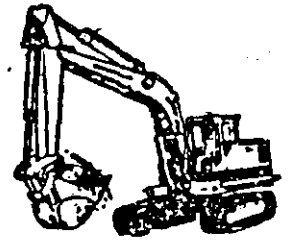
B.C. Ferries       1 passage	17.00
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TOTAL:	<u><u>\$6,579.77</u></u>
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# Rayner & Bracht Limited

TRUCKING and EXCAVATING



4442 Tenth Avenue

PORT ALBERNI, B.C.

V9Y 4X7

Umex Ltd.  
200 - 4299 Canada Way  
Burnaby, B.C.  
V5G 1H4

BACK HOE!

November 3, 1980

Oct. 22	Insley Shop to Lizard Lake	3½ hrs	@	47.50	166.25
	Permits OS OW				8.00
	OP movetime	2 hrs	@	22.21	44.42
	OP T.T.	1 hr	@	22.21	22.21
	Insley	4½ hrs	@	65.00	292.50
	14 yd truck	3½ hrs	@	38.50	134.75
Oct. 23	Insley	5½ Hrs	@	65.00	357.50
	OP T.T.	1½ hrs	@	22.21	33.32
Oct. 24	Insley	6½ hrs	@	65.00	422.50
	OP T.T.	1 hr	@	22.21	22.21
	OP T.T. D.T.	½ hr	@	41.96	20.98
Oct. 27	Insley	6½ hrs	@	65.00	422.50
	OP T.T.	1 hr	@	22.21	22.21
	OP T.T. D.T.	½ hr	@	41.96	20.98
Oct. 28	Insley	6½ hrs	@	65.00	422.50
	OP T.T.	1 hr	@	22.21	22.21
	OP T.T. D.T.	½ hr	@	41.96	20.98
Oct. 29	Insley	7 hrs	@	65.00	455.00
	OP T.T.	½ hr	@	22.21	11.11
	OP T.T. D.T.	½ hr	@	41.96	20.98
Oct. 30	Insley	7 hrs	@	65.00	455.00
	OP T.T.	½ hr	@	22.21	11.11
	OP T.T. DT.	½ hr	@	41.96	20.98
Oct. 31	Insley	4 hrs	@	65.00	260.00
	13 yd truck	3½ hrs	@	35.75	125.13
	Insley Lizard Lake to Shop	3 hrs	@	47.50	142.50
	Permits OS OW				8.00
	Driver OT	½ hr	@	8.83	4.42

\$3970.25

# PAID

Chq 401471  
NOV. 19/80

Invoice # 80-898

45  
395

checked  
TOTAL  
2 NH.

APPENDIX III

AUTHOR'S QUALIFICATIONS

I, Andre M. Pauwels of 4900 Mariposa Court, Richmond, B.C., hereby certify that:

1. I am a graduate of the Rijksuniversiteit of Ghent, Belgium B.Sc., Geology in 1970.
2. I have practised my profession since 1970 with Union Miniere Explorations and Mining Corporation Limited (UMEX) in Ontario (1970-1972) and British Columbia (1972-1981).
3. I am a member of the Geological Association of Canada and the Association of Exploration Geochemists.



ROCK GEOCHEMISTRY

Results are in ppm unless otherwise stated.

Meters	Cu	Pb	Zn	Ag	Au	As	Sb
Trench # 1							
0-10	71	4	46	.1	.025	42	1
10-20	143	3	45	.2	.030	40	1
20-30	<.01%	<.01%	<.01%	<.01oz/t	.080		
30-40	<.01%	<.01%	<.01%	<.01oz/t	.035		
40-50	89	3	44	.1	.015	10	1
50-60	<.01%	<.01%	<.01%	<.01oz/t	.005		
60-70	48	2	37	.2	.035	88	1
70-80	119	5	45	.6	.030	53	1
80-90	<.01%	<.01%	<.01%	<.01oz/t	.055		
90-100	177	4	61	.6	.060	177	5
100-110	406	5	68	1.4	.100	189	9
110-120	<.01%	<.01%	<.01%	<.01oz/t	.060		
120-130	106	4	70	.5	.015	21	1
130-140	<.01%	<.01%	<.01%	<.01oz/t	.045		
140-150	40	3	48	.3	.040	43	1
162-170	61	1	60	.1	.025	15	1
grabs at							
15	<.01%	<.01%	<.01%	<.01oz/t	.035		
20	<.01%	<.01%	<.01%	<.01oz/t	.010		
30	<.01%	<.01%	<.01%	<.01oz/t	.050		
80	<.01%	<.01%	<.01%	<.01oz/t	.035		
110	.13%	<.01%	<.01%	.12oz/t	.150		
132	.07%	<.01%	<.01%	.23oz/t	.425		
135	<.01%	<.01%	<.01%	.01oz/t	.075		
Trench # 2							
0-10	158	4	68	.2	.015	5	1
10-20	108	1	62	.2	.015	4	1
20-30	162	3	57	.1	.020	2	1
30-40	112	3	82	.2	.020	4	1
Trench # 3							
0-15	61	6	76	.4	.015	11	1
15-30	95	4	72	.3	.070	9	1
30-45	90	7	91	.2	.020	16	1
45-60	175	2	68	.2	.030	6	1
60-75	227	6	73	.7	.115	227	1
Discovery							
0-2	225	5	72	.6	.200	225	1
2-4	319	9	69	2.1	.390	341	3
4-6	.037	<.01%	.01%	.07oz/t	1.050		
6-8	.052	<.01%	.01%	.07oz/t	.850		
8-10	.132	<.01%	<.01%	.70oz/t	4.400		
10-12	.062	<.01%	.01%	.42oz/t	1.050		
12-14	558	8	65	2.7	.420	331	1
14-16	209	6	63	.6	.100	.66	1
16-18	466	9	57	1.8	.210	.75	1
18-20	245	6	56	.5	.220	.36	1
Main Vein	4cm wide	<.01%	<.01%	1.28oz/t	>5.000		
BOGWT 222	58		66	.1	.020		
223	88		46	.2	.030		
224	46		66	.1	.015		
225	58		58	.1	.010		
226	260		27	.1	.020		
227	82		64	.1	.010		
228	118		50	.1	.015		
229	110		60	.1	.005		
230	182		64	.1	.005		
231	138		88	.1	.005		
232	93		68	.1	.005		
233	96		60	.1	.005		
234	64		56	.1	.005		
235	51		49	.1	.005		
236	110		80	.1	.005		
237	94		64	.1	.005		
238	150		86	.1	.105		
239	172		90	.3	.005		
240	118		82	.1	.005		
241	90		88	.1	.005		
242	23		72	.4	.005		
256	66		90	.1	.005		
257	156		94	.1	.005		
258	94		94	.1	.005		
259	205		80	.1	.010		
260	80		84	.1	.015		
261	148		74	.2	.005		
262	88		72	.1	.005		
263	82		52	.1	.010		
264	104		86	.1	.020		
265	92		82	.1	.010		
266	114		82	.2	.005		
267	132		72	.1	.005		
268	32		94	.1	.005		
269	325		64	.2	.010		

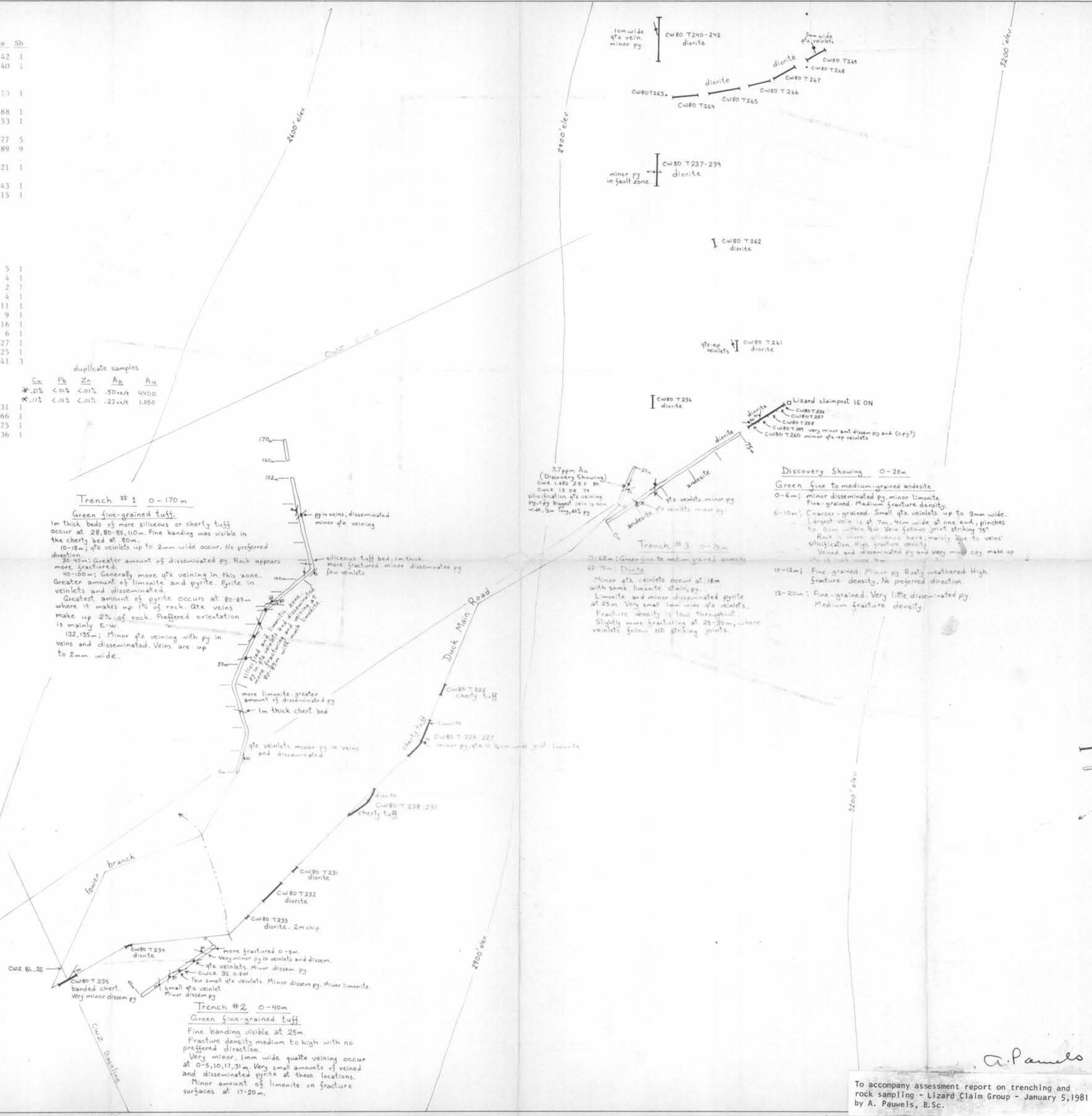
duplicate samples

Cu	Pb	Zn	Ag	Au	As
.21%	<.01%	<.01%	.50oz/t	4.400	
.11%	<.01%	<.01%	.23oz/t	1.050	

Trench # 1 0-170 m

Green fine-grained tuff  
1m thick beds of more siliceous or cherty tuff occur at 28, 80-85, 110m. Fine banding was visible in the cherty bed at 80m.  
10-18m; qtz veinlets up to 2mm wide occur. No preferred direction.  
30-40m; greater amount of disseminated py. Rock appears more fractured.  
40-100m; Generally more qtz veining in this zone. Greater amount of limonite and pyrite. Pyrite in veinlets and disseminated.  
Greatest amount of pyrite occurs at 80-85m where it makes up 1% of rock. Qtz veins make up 2% of rock. Preferred orientation is mainly E-W.  
132, 195m; Minor qtz veining with py in veins and disseminated. Veins are up to 2mm wide.

\* Samples with asterisk analyzed by Chemex Labs  
Other samples analyzed by Acme Labs



LIZARD RESOURCES BRANCH  
ASSESSMENT REPORT  
**8981**  
NO.

- LEGEND**
- Chip sampling of outcrop
  - Trench
  - Stream
  - Vein attitude
  - Bedding attitude
  - Fault attitude

Figure No. 2

LIZARD-DINOSAUR CLAIMS

**TRENCHING**  
GEOLOGY and ROCK GEOCHEM

NTS: 92F2E

Scale: 1:1,000

UMEX CORPORATION LTD.

Drawn by: Rein Turna  
Date: November 28, 1980  
Surveyed by: Rein Turna

DWG. No.

To accompany assessment report on trenching and rock sampling - Lizard Claim Group - January 5, 1981 by A. Pauwels, B.Sc.