

MAP NO.: ASSESSMENT REPORT X  
105 L 14 PROSPECTUS  
CONFIDENTIAL X  
OPEN FILE

DOCUMENT NO: 093048  
MINING DISTRICT: Mayo  
TYPE OF WORK: Trenching,

REPORT FILED UNDER: Dromedary Exploration Company Ltd.

DATE PERFORMED: September 17 - 19, 1992

DATE FILED: November 6, 1992

LOCATION: LAT.: 62°55'N  
LONG.: 135°17'W

AREA: Dromedary Mountain Area  
VALUE \$: 3,600.00

CLAIM NAME & NO.: DMC 19 - 26, YB02819 - YB02836.

WORK DONE BY: Roger Hulstein, B.Sc., FGAC, P.Geo.

WORK DONE FOR: Dromedary Exploration Company Ltd.

DATE TO GOOD STANDING:


REMARKS: # 105 L - Dromedary Mountain Area  
Aurum Geological Consultants carried out a small trenching program on the property to evaluate a lead in soil anomaly. A total of 4 trenches were dug by hand in scree covered areas in an attempt to reach bedrock. Only one of the trenches reached bedrock and results were mixed. The best result was 7395 ppm lead and 4504 ppm zinc over a 0.6 meter width of limonitic and rusty weathering shale and siltstone. A sedimentary exhalative massive sulphide model is the exploration target. The soil anomaly was not explained and further work was recommended.



## 1992 TRENCHING PROGRAM ON THE DMC CLAIMS

Mayo M.D., Y.T.

**Claims:** DMC 19-36 (YB02819-836)

**Location:** 1. 240 km north of Whitehorse, Y.T.  
2. NTS Sheet 105 L/14  
3. Latitude 62°55'  
Longitude 135°17'

**For:** Dromedary Exploration Company Ltd.  
620-625 Howe Street  
Vancouver, B.C.  
V6C 2T6

**By:** Roger Hulstein, B.Sc., FGAC, P.Geo.  
Aurum Geological Consultants Inc.  
P.O. Box 4367  
Whitehorse, Yukon Territory  
Y1A 3T5

October 27, 1992

093048

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 3,600.00.

*for* *Robert Debluk*  
Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.



October 27, 1992

Mr. Dave Wiebe  
**MAYO MINING RECORDER**  
P.O. Box 10  
Mayo, Yukon  
Y0B 1M0

Dear Mr. Wiebe;

Re: DMC 19-36 Claims (YB02819-YB02836)

Please find enclosed plan maps, trench sketches, sample descriptions, analytical results, and a statement of costs pertaining to the hand trenching program carried out from September 17 to 19, 1992.

I trust the enclosed information will meet the 1992 assessment requirements as filed in Sept., 1992.

Sincerely

**Aurum Geological Consultants Inc.**

A handwritten signature in black ink, appearing to read "R. Hulstein", with a long horizontal line extending from the end of the signature.

R. Hulstein, P. Geo.

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### 1992 EXPLORATION SUMMARY

Work in September 1992 on the DMC 19-36 claims was focused on improving the quality and quantity of data over the Cave Showing. Part of the program, and the only portion discussed below, was a two day hand trenching program carried out over anomalous lead in soil anomalies identified by Anaconda in the early 1980's.

The area of interest on the DMC 19-36 claims, including the Cave Showing, is underlain by Earn Group Devonian - Mississippian aged shales and other clastic sedimentary rocks. A sedimentary exhalative massive sulfide model is the exploration target. Previous work by Anaconda and Dromedary Exploration Co. Ltd. identified this geochemically anomalous package of rocks similar to those hosting the nearby Clear Lake deposit and the Tom and Jason deposits located in MacPass.

Soil geochemistry carried out by Anaconda identified a northwest trending lead in soil anomaly, located immediately upslope of the Cave Showing, defined by lead values greater than 40 ppm. The Cave showing itself is a galena and sphalerite occurrence. Ferricrete (greater than 5 meters thick in places) and iron oxides in and adjacent to the creek extends downstream below the Cave showing.

Part of the program in September 1992 was to hand trench the significant lead in soil anomalies, located by Anaconda, listed below.

Trench 92-1	L2000E	800N	208 ppm Pb
Trench 92-2	L2000E	875N	206 ppm Pb
Trench 92-3	L1600E	825N	396 ppm Pb
Trench 92-4	L1600E	850N	204 ppm Pb

Results from the 1992 trenching were mixed. Samples from Trench 92-1 returned anomalous results, up to 7395 ppm lead and 4504 ppm zinc over a 0.6 meter width, from samples of limonitic and rusty weathering shale and siltstone. Although the above sample returned an iron value of 28.68% it did not appear exceptionally gossanous.

Trench 92-2 did not reach solid bedrock. The trench remained in shale scree to a depth of 1.3 meters. It is thought the soil anomaly was transported downslope from the area of trench 92-1.

Trench 92-3 did not reach solid bedrock. The trench penetrated what appeared to be shale scree deposits to a depth of 1.1 meters where 'beach gravel' or glacial

debris deposits was trenched to a depth of 2.0 meters. Two rock samples returned low values for lead and zinc. Four soil samples from discrete horizons returned values between 106 to 680 ppm lead and 786 to 7899 ppm zinc. The source of the anomaly is presumed to lie immediately upslope.

Trench 92-4 was excavated to a depth of 0.5 meters in extremely blocky shale - phyllite scree adjacent to outcrop of the same rock type. Three rock samples returned low values for lead and zinc. The source of the soil anomaly is unexplained.

Further trenching, geological mapping and soil geochemical surveys are warranted and recommended.

Respectfully submitted,  
Aurum Geological Consultants Inc.

October 27, 1992

A handwritten signature in black ink, appearing to read 'R. Hulstein', with a horizontal line underneath.

Roger Hulstein, B.Sc., FGAC, P.Geo.

## STATEMENT OF COSTS

Aurum Geological Consultants Inc.  
 Re: 1992 Trenching Program on the DMC 19-36 Claims, Mayo M.D.

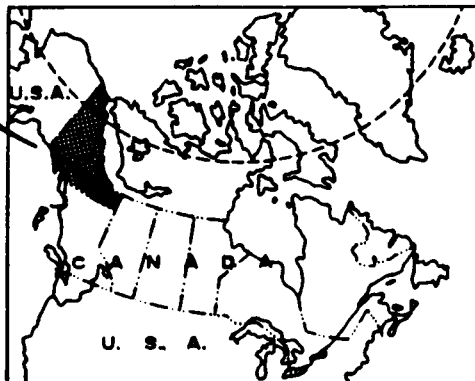
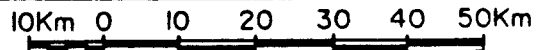
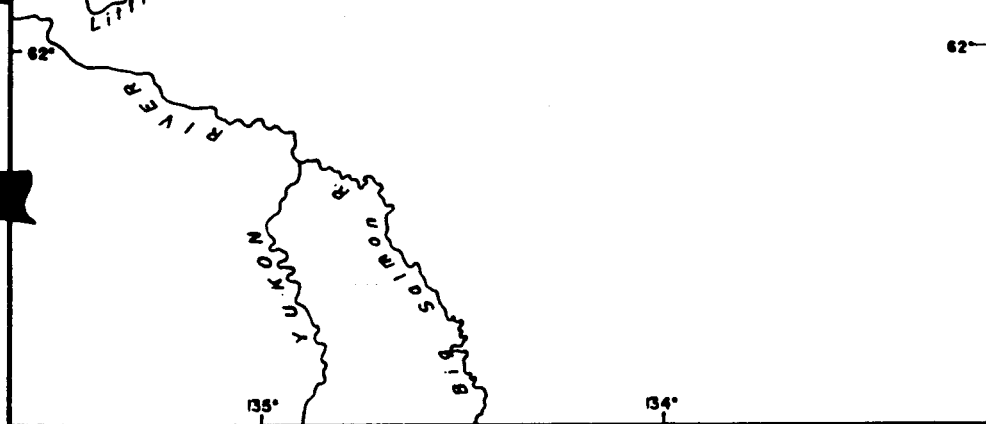
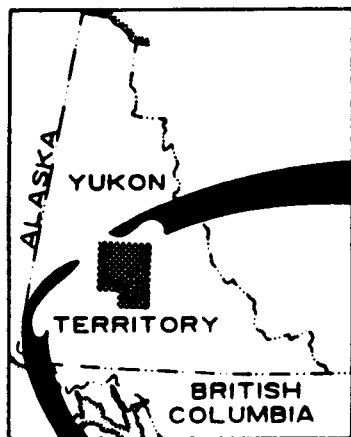
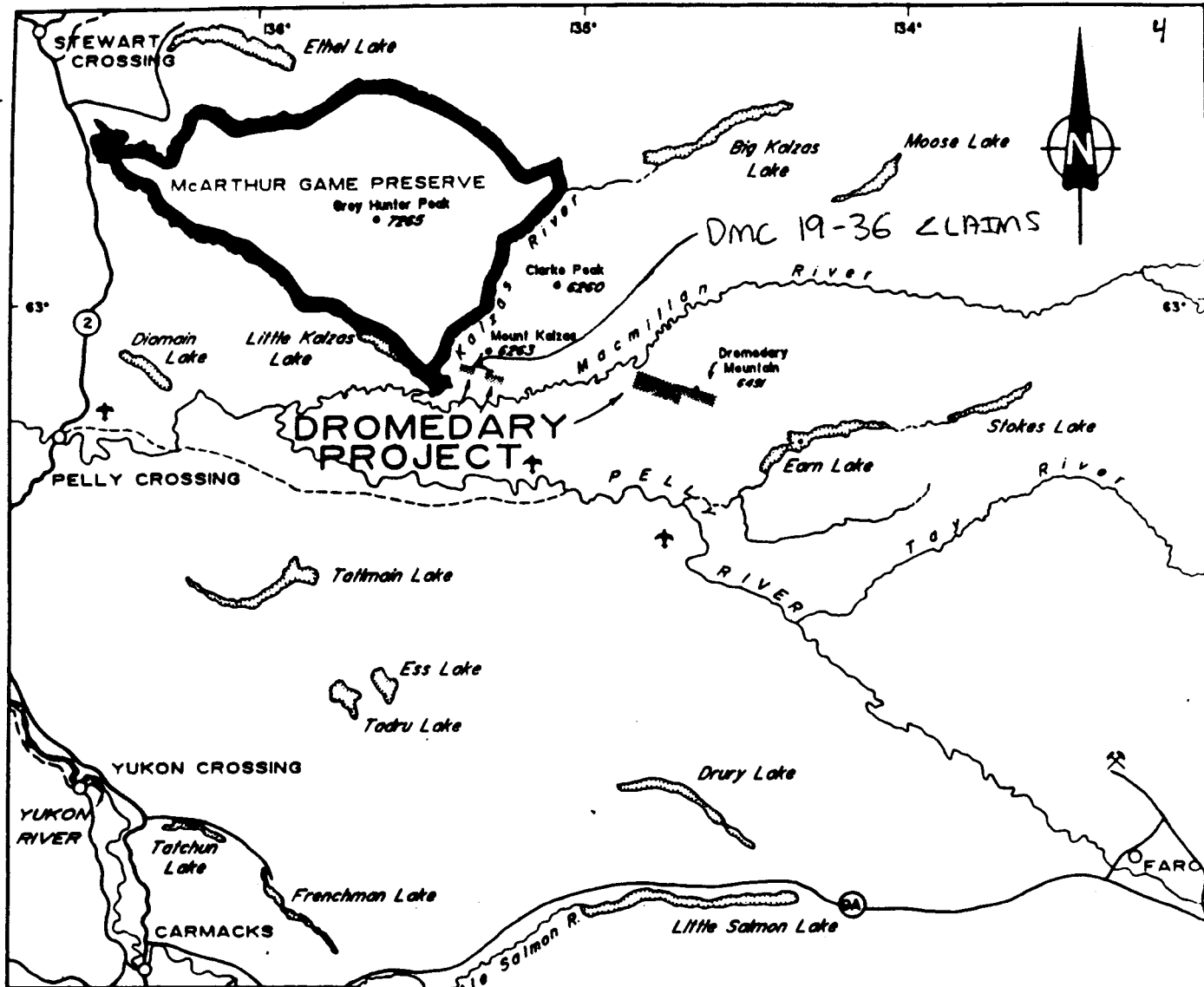
### Professional Services

R. Hulstein, B.Sc.; Sept. 17, 18 & 19, 1992 3.0 days @ \$350.00/day:	\$1050.00
G. Smith, B.Sc.; Sept. 17, 18 & 19, 1992 3.0 days @ \$320.00/day:	960.00
<b>Subtotal</b>	<b>\$2010.00</b>

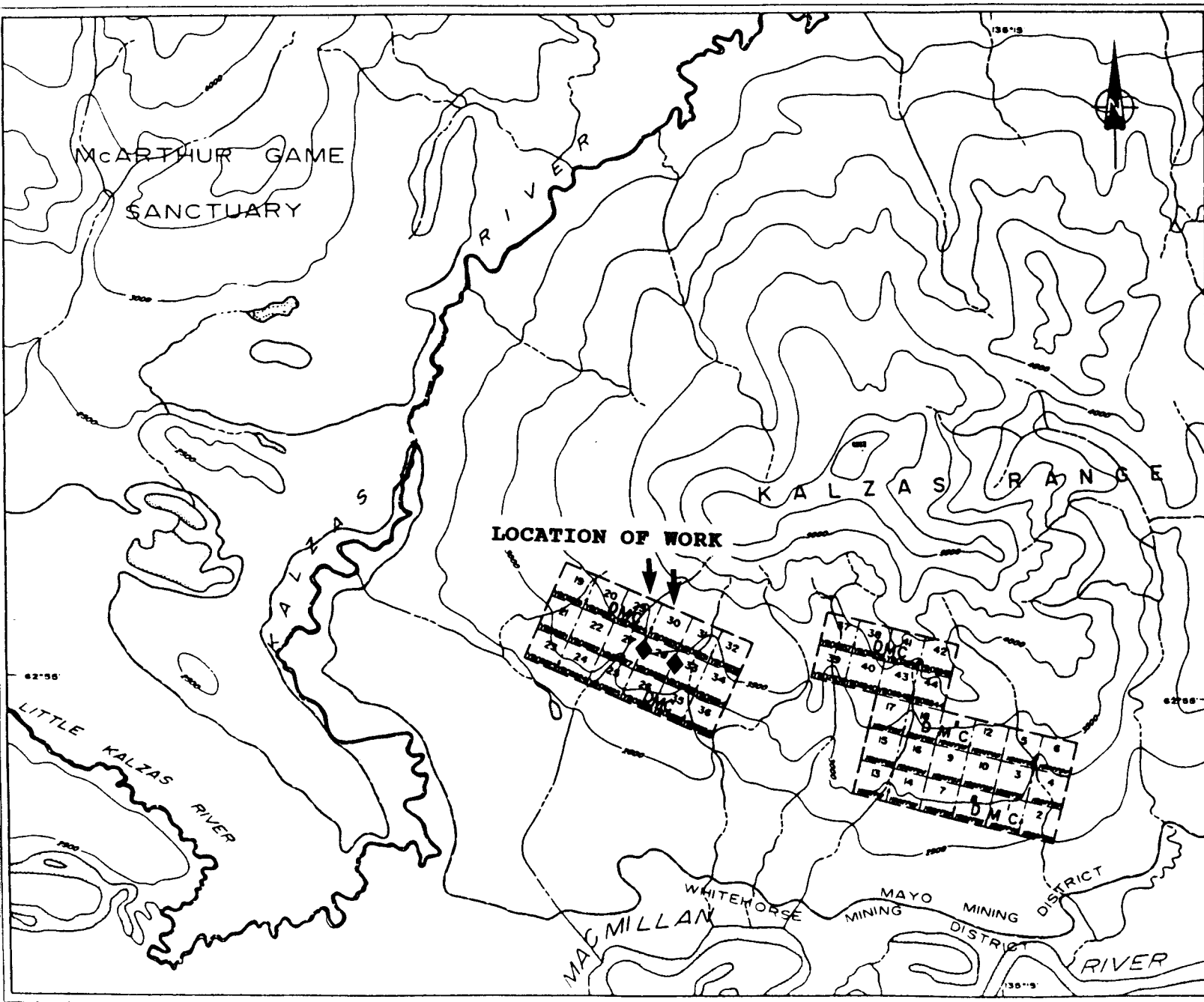
### Expenses

Fixed wing	340.20
Helicopter	813.40
Camp costs (\$60.00/day x 6 days)	360.00
Consumables	30.00
Gasoline	18.57
Field supplies	24.22
Air freight	48.47
Analytical	180.00
<b>Subtotal</b>	<b>\$1814.86</b>
GST (7% of \$3824.86)	<u>267.74</u>
<b>TOTAL COST</b>	<b><u>\$4092.60</u></b>





DROMEDARY EXPLORATION CO. LTD.	
DROMEDARY PROJECT	
MAYO MINING DISTRICT	
<b>LOCATION</b>	
Aurum Geological Consultants Inc. October, 1992	
NTS 105 L/14	DRAWN BY NH SCALE 1:1,000,000 FIGURE: 1



**LEGEND**

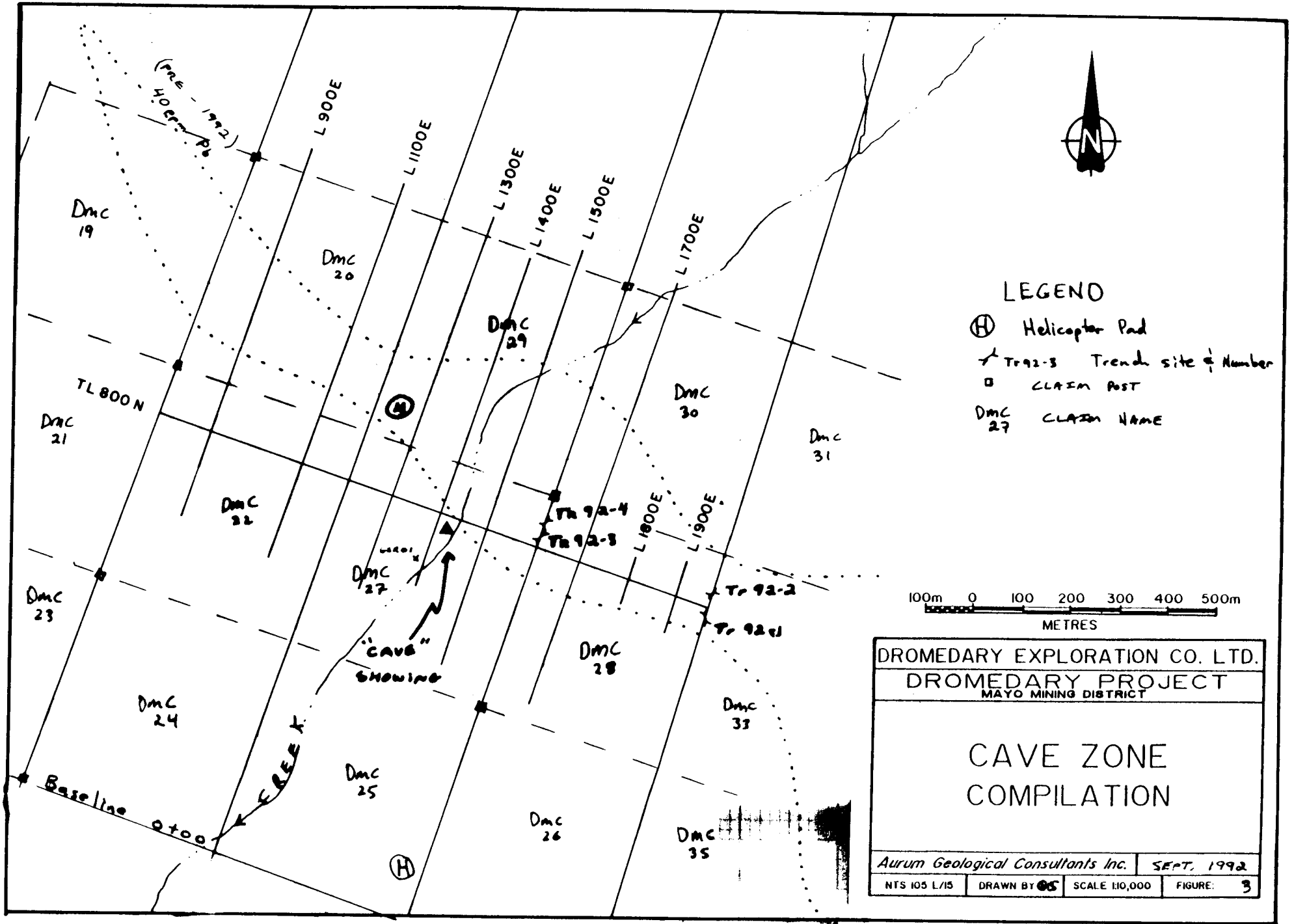
- claim boundary
- claim number
- tag number
- staking direction
- creek
- elevation contour, interval 500 ft.

Note: adapted from D.L.A.N.D. map sheet 105 L/14, revised 14 Sept. 1968



**DROMEDARY EXPLORATION CO. LTD.**  
**DROMEDARY PROJECT**  
 MAYO MINING DISTRICT

**CLAIM MAP**



LEGEND

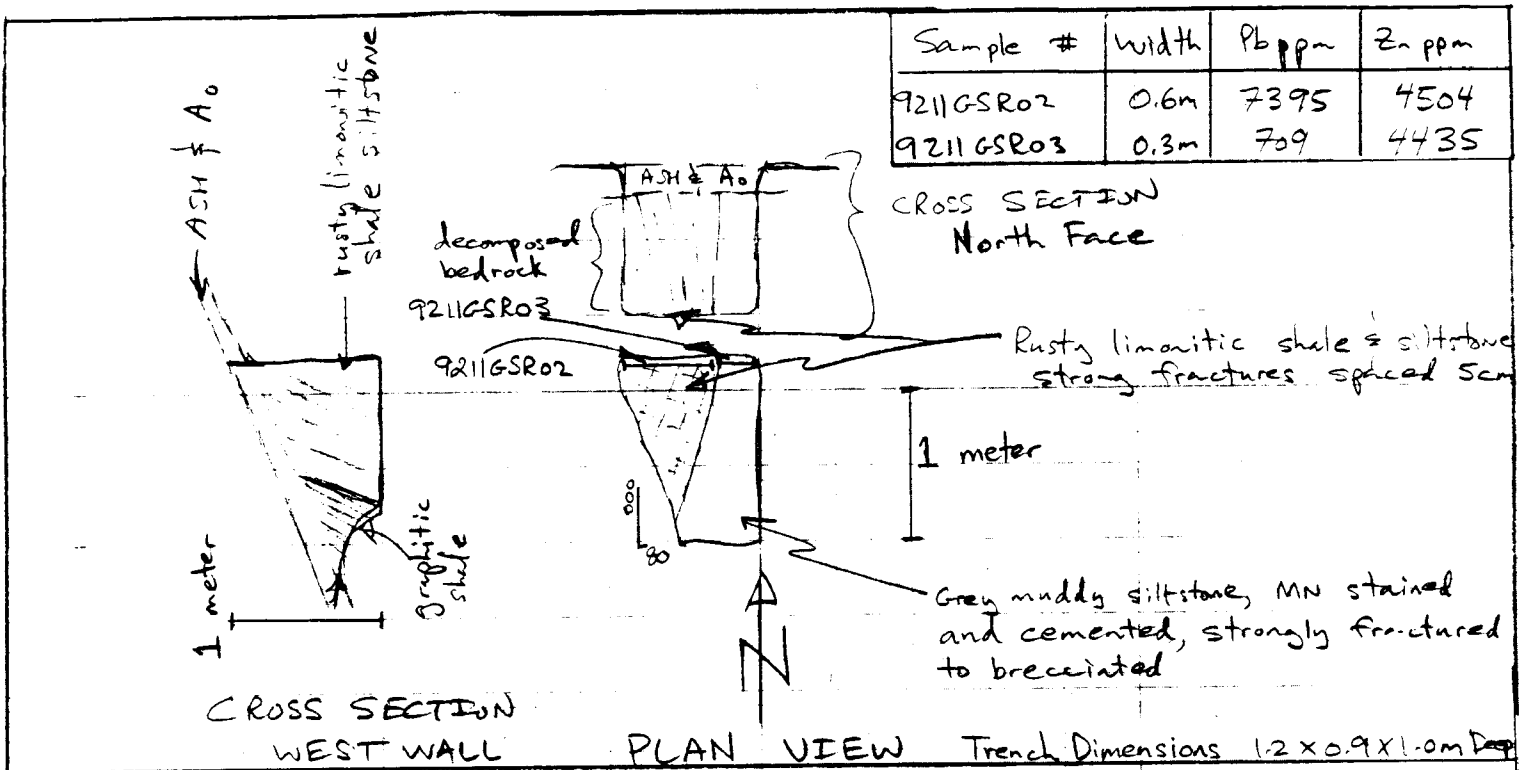
- Ⓜ Helicopter Pad
- ▲ Tr 92-3 Trend site & Number
- CLAIM POST
- DMC 27 CLAIM NAME



DROMEDARY EXPLORATION CO. LTD.  
DROMEDARY PROJECT  
MAYO MINING DISTRICT

CAVE ZONE  
COMPILATION

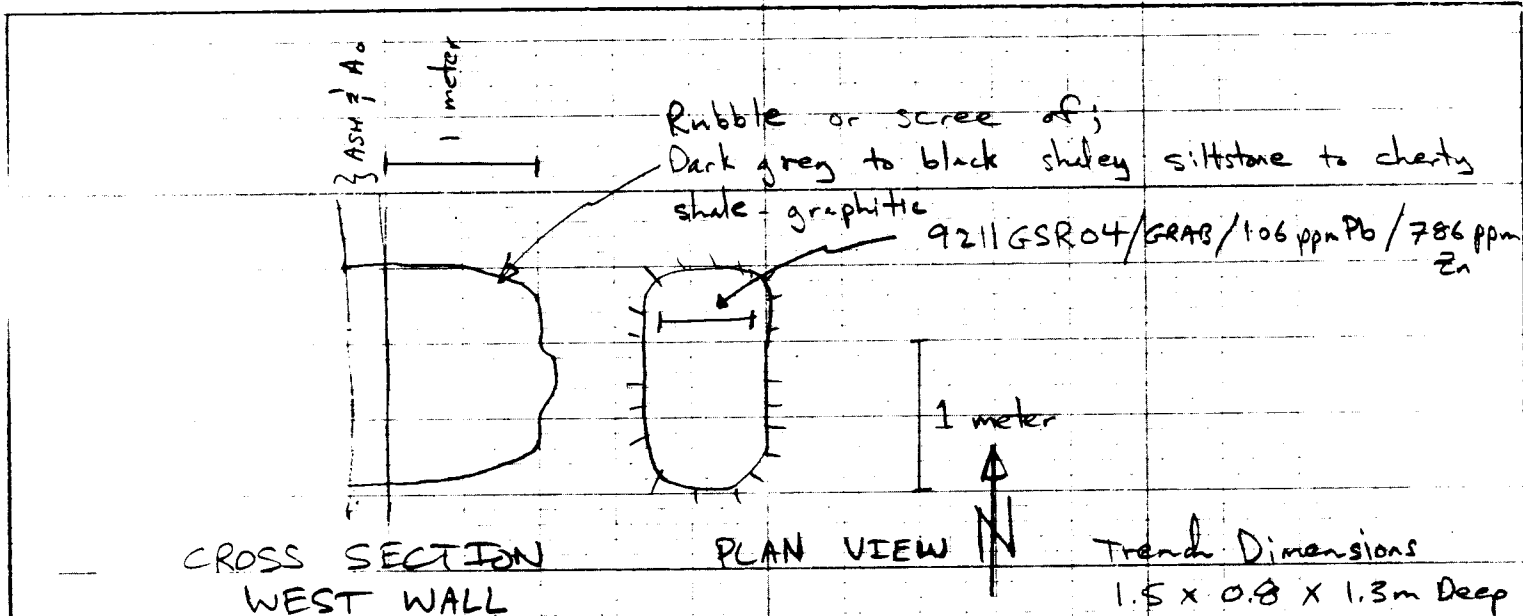
Aurum Geological Consultants Inc.		SEPT. 1992	
NTS 105 L/15	DRAWN BY OS	SCALE 110,000	FIGURE: 3



TRENCH 92-1  
DROMEDARY PROJECT

Scale 1:50

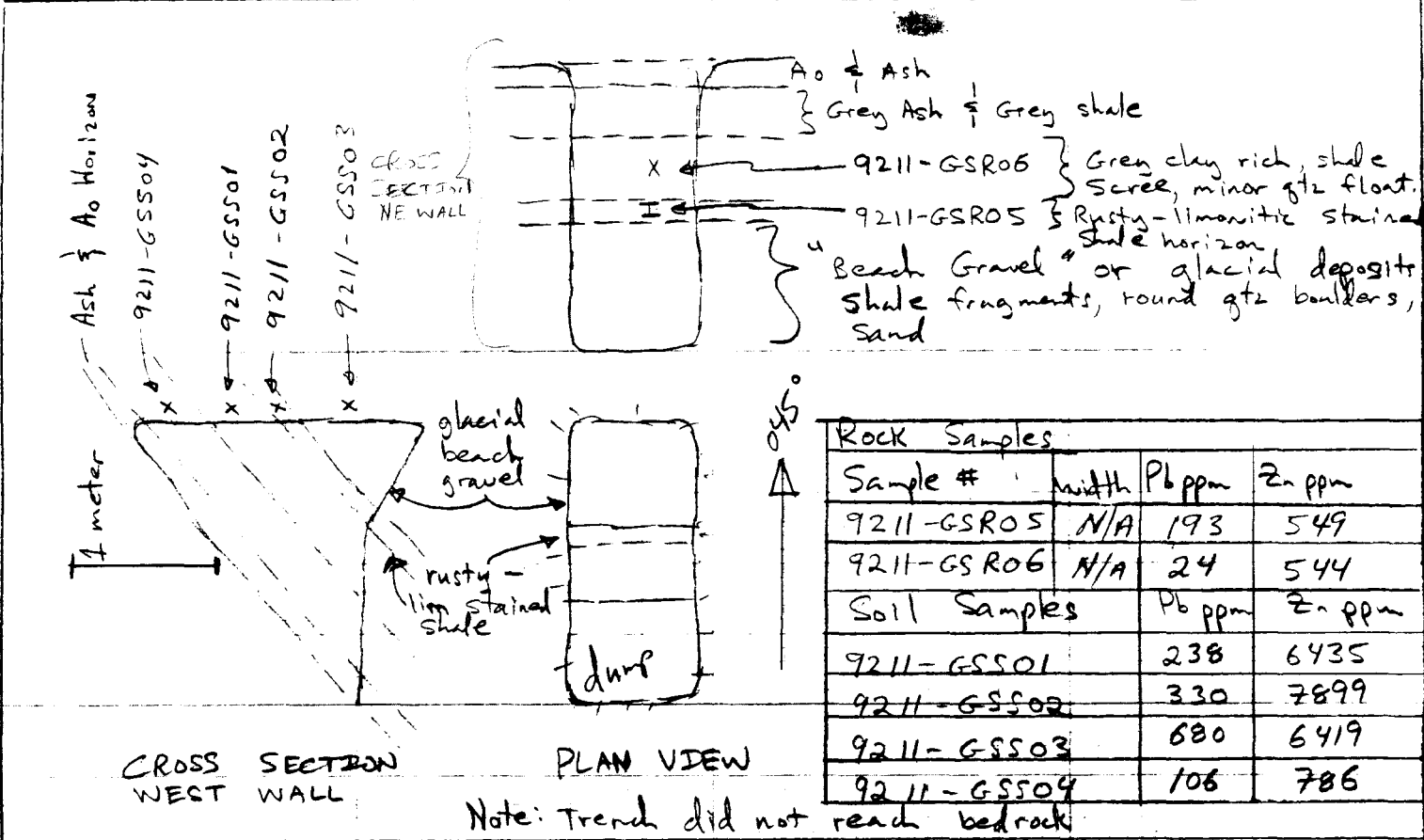
Trenched Sept. 19/92  
Located L20E/800N By RWH GS



TRENCH 92-2  
DROMEDARY PROJECT

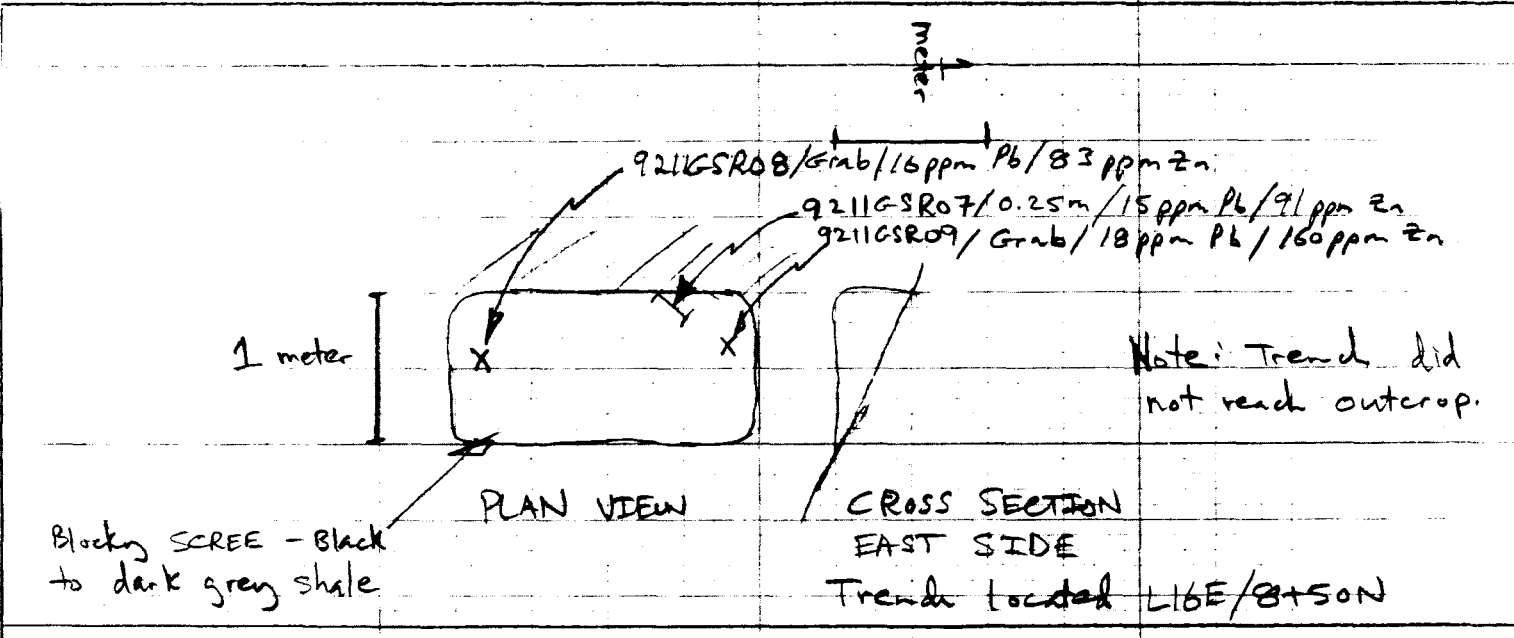
Scale 1:50

Trenched Sept. 18/92  
Located L20E/8+75N



TRENCH 92-3  
DROMEDARY PROJECT

By: RWH, GS Trenched Sept. 29/92  
Scale 1:50 Located LIBE/800N  
Trench Dimensions 2.0 X 0.9 X 2.0m deep



TRENCH 92-4  
DROMEDARY PROJECT

By: RWH, G.S. Trenched Sept. 19/92  
Scale 1:50

Date: Sept 18 & 19 / 92 Project: OROMEDARY Area: CAVE SHOWING Page 1 of 3

Sample No.	Location	Description	Attitude	Width	Analytical Results	
					Pb ppm	Zn ppm
9211GSR02	TRENCH 92-1 L20E/800N west side of Tr	Rusty limonitic shale - siltstone, strongly fractured, fractures spaced ~5cm. Sample includes 2cm of limonite - rust with minor clay (possible fault?) on contact.	S <sub>1</sub> 096/785	0.6m	7395	4504
9211GSR03	TRENCH 92-1 East side of Tr	Grey weathering mudstone to siltstone, Mn stained, fractured with Mn cement, brecciated	N/A	0.3m	709	4435
9211GSR04	TRENCH 92-2 L20E/8+75N	Black shaley siltstone to cherty shale, graphitic Sample of outcrop rubble	N/A	Grab over 0.8m	195	167
9211GSR05	Trench 92-3 L16E/800N ~1.0m deep Scree horizon	Scree horizon - FLOAT Limonitic weathering siliceous to non-siliceous black to dark grey shale, possibly trace pyrite, Calcite (dark grey) crystals. white coatings on fracture surfaces + limonite.	FLOAT	N/A 0.1-0.15 m thick scree horizon	193	549

Date: Sept 18 & 19/92 Project: DROMEDARY Area: CAVE SHOWING Page 2 of 3

Sample No.	Location	Description	Attitude	Width	Analytical Results	
					Pb ppm	Zn ppm
9211GSRO6	TRENCH 92-3 L16E/800N	Grab sample of black shale with calcite crystals (<40% total grey calcite), possible Barite?	FLOAT	GRAB	24	544
9211GSRO7	TRENCH 92-4 L16E/8+50N	Chip sample of dark grey shale with 10-30% disseminated calcite & possible Barite crystals and nodules (<1cm across). Fractures coated with white precipitate. shale laminated and thinly bedded, non siliceous	N/A	0.25m	15	91
9211GSRO8	TRENCH 92-4	Similar to 9211GSRO7 above	N/A	GRAB	16	83
9211GSRO9	TRENCH 92-4	Similar to 9211GSRO7 above. Thinly bedded, black shale and siltstone, possible disseminated Barite. Non-siliceous. white precipitate on fracture surfaces.	N/A	GRAB	18	160

Date: Sept 19/92 Project: DROMEDARY Area: CAVE SHOWING Page 3 of 3

Sample No.	Location	Description	Attitude	Width	Analytical Results	
					Pb ppm	Zn ppm
9211-GSS-01	TRENCH 92-3 N. FACE 0.5-0.95m deep	<u>Soil Sample</u> - 0.35m thick horizon of mixed grey ash and grey shale - scree	—	—	238	6435
9211-GSS-02	TRENCH 92-3 N. FACE 0.95-1.1m deep	<u>Soil Sample</u> 0.15m thick horizon of rusty limonitic scree horizon of shale	—	—	330	7899
9211-GSS-03	TRENCH 92-3 N. FACE 1.1m-2.0m	<u>Soil Sample</u> >0.1m thick horizon of "beach gravel" or glacial deposits < 2cm rounded rock fragments including granitic & gtz float	—	—	680	6419
9211-GSS-04	TRENCH 92-3 N. FACE 0 m-0.5m	<u>Soil Samples</u> 0.35m thick horizon of grey ash and grey shale	—	—	106	786





P. 007/008

TO 1-403-668-2021

FROM ACME ANALYTICAL

SEP-30-1992 7:16

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	M	Ba*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm
L17E 7+00N	2	28	30	160	.1	31	7	476	2.30	14	5	ND	8	20	.4	2	2	41	.30	.039	21	29	.97	270	.05	2	1.64	.01	.10	2	1211
L17E 6+75N	4	25	21	1341	.1	59	8	2120	3.14	15	5	ND	5	17	4.6	2	2	84	.19	.034	19	36	.90	269	.06	2	1.97	.02	.18	1	1190
L17E 6+50N	1	21	13	92	.1	25	6	261	2.11	9	5	ND	6	18	.2	2	2	36	.28	.026	19	29	.87	194	.07	2	1.43	.01	.08	1	1147
L17E 6+25N	1	15	16	72	.1	25	7	214	2.28	10	5	ND	5	15	.2	2	2	36	.20	.027	14	28	.49	164	.05	2	1.33	.01	.07	1	1211
L17E 6+00N	1	10	13	87	.1	15	4	142	1.49	5	5	ND	2	19	.2	2	2	31	.32	.046	15	20	.39	218	.04	3	1.11	.01	.05	1	1232
L17E 5+75N	2	45	18	119	.1	35	8	259	2.76	11	5	ND	5	19	.2	2	2	43	.20	.051	17	28	.67	286	.05	3	1.64	.01	.07	1	1732
RE L18E 8+50N	1	11	1004	1181	1.8	14	4	979	2.86	33	5	ND	1	29	3.7	4	2	47	.33	.078	10	19	.28	258	.06	2	1.20	.03	.11	2	1059
L17E 5+50N	3	34	27	140	.2	36	8	226	2.54	10	5	ND	6	37	.4	2	2	43	.35	.105	15	26	.62	229	.05	3	1.42	.01	.09	1	1828
L17E 5+25N	8	46	35	294	.3	58	8	299	2.85	27	5	ND	6	33	.7	5	2	64	.32	.151	20	27	.94	239	.04	3	1.58	.01	.15	2	2455
L17E 5+00N	1	25	13	81	.1	30	8	214	2.45	13	5	ND	7	17	.2	2	2	40	.19	.032	20	28	.50	229	.05	5	1.44	.01	.06	1	1297
L18E 8+50N	1	10	1043	1198	1.8	13	4	979	2.99	35	5	ND	1	29	3.8	6	3	49	.33	.079	10	21	.30	263	.06	2	1.25	.03	.13	3	1081
L18E 8+25N	1	15	92	150	.7	21	6	325	2.57	17	5	ND	1	22	.3	3	2	44	.20	.068	18	27	.44	208	.03	3	1.45	.01	.06	1	2006
L18E 8+00N	1	6	321	36	3.9	3	1	56	3.73	12	5	ND	2	6	.2	10	2	25	.02	.013	2	9	.04	170	.03	2	.38	.01	.59	1	1054
L18E 7+75N	1	14	207	1249	2.7	30	4	4039	3.42	31	6	ND	1	11	1.7	8	2	44	.12	.039	25	21	.22	135	.03	2	1.21	.02	.12	2	902
L18E 7+50N	1	27	146	263	.1	33	5	934	2.83	36	5	ND	7	13	.2	2	2	57	.08	.014	26	30	1.11	271	.05	5	2.05	.02	.08	1	1199
L19E 8+75N	1	21	210	576	.6	33	6	641	3.17	28	5	ND	5	20	.4	4	2	52	.14	.034	17	29	.62	237	.04	2	1.61	.01	.12	1	1221
L19E 8+50N	1	12	444	314	1.3	20	4	358	1.96	11	5	ND	3	22	.6	4	2	41	.23	.062	14	22	.41	241	.05	2	1.15	.02	.11	1	1295
L19E 8+25N	5	7	120	92	4.3	14	2	115	2.76	26	5	ND	2	7	.2	19	2	47	.05	.027	9	21	.16	80	.04	3	.84	.01	.05	1	967
L19E 8+00N	1	26	1082	411	2.1	19	2	439	2.97	53	5	ND	5	14	.2	50	2	46	.06	.026	30	23	.35	260	.04	3	1.12	.01	.08	1	1173
L19E 7+75N	2	19	115	427	.6	32	5	436	2.61	25	5	ND	4	18	.2	9	2	55	.13	.028	16	24	.78	184	.04	4	1.61	.01	.10	1	1266
L19E 7+50N	1	20	59	202	.6	32	6	393	2.36	21	8	ND	7	20	.2	7	2	43	.22	.024	15	28	.70	273	.06	2	1.54	.02	.14	2	1329
L19E 7+25N	1	36	30	878	.3	88	9	2166	5.51	54	5	ND	7	21	1.2	2	2	178	.38	.075	19	34	1.06	456	.08	2	2.10	.01	.53	1	1214
L20E 8+75N	8	37	34	294	2.5	15	2	223	2.92	138	15	ND	15	149	.2	18	2	62	.06	.059	50	19	.07	144	.01	2	.41	.01	.12	1	969
L20E 8+50N	1	23	70	172	2.4	27	6	467	2.42	24	5	ND	7	40	.5	6	2	44	.35	.064	17	27	.52	362	.07	2	1.16	.02	.11	1	1352
L20E 8+25N	1	15	82	233	1.1	25	3	640	2.21	19	5	ND	7	15	.5	5	2	36	.18	.029	16	23	1.95	204	.09	2	2.94	.01	.22	2	1044
L20E 8+00N	1	14	5728	946	8.3	12	1	1403	6.59	152	5	ND	8	13	.3	92	2	49	.08	.082	36	21	.26	132	.02	2	1.08	.01	.17	1	526
9211-GSS-01	1	16	238	6435	.8	67	6	254	2.02	19	5	ND	7	16	.5	4	2	31	.95	.047	10	31	2.26	119	.06	2	1.95	.01	.23	1	755
9211-GSS-02	1	30	330	7899	.5	82	7	326	6.45	129	5	ND	14	22	3.9	2	2	38	.70	.074	17	32	1.86	189	.05	2	1.99	.01	.25	1	859
9211-GSS-03	2	36	680	6419	.5	75	11	357	3.49	128	5	ND	9	15	2.4	6	2	36	.48	.061	12	27	2.09	148	.05	2	1.92	.01	.53	1	933
9211-GSS-04	1	28	106	786	.4	39	8	556	2.53	19	5	ND	6	38	1.5	5	2	45	.98	.056	15	24	.61	206	.04	2	1.24	.02	.08	1	1158
STANDARD C/CB-1200	19	57	39	137	7.5	77	31	1070	3.96	42	22	7	41	53	18.8	15	21	59	.50	.087	40	60	.95	184	.09	34	1.93	.08	.17	10	2104

L18

L19

L20

Tr 92-3

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



F.008-008

TO 1-403-668-2021

FROM ACME ANALYTICAL

SEP-30-1992 7:17

TOTAL P.008

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	Y	Ba*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	
9211-GSR-01	1	1206	216	2671	8.3	32	6	3847	3.96	2822	5	ND	5	18	9.5	10	33	41	.45	.024	8	45	.33	91	.05	2	1.18	.01	.28	1	632
9211-GSR-02	2	55	7395	4504	11.9	12	3	2809	28.68	343	7	ND	5	8	6.0	22	2	97	.07	.054	11	28	.07	90	.06	2	.87	.01	.17	1	122
9211-GSR-03	3	17	709	4435	2.1	24	7	3773	11.49	27	7	ND	4	5	20.5	13	2	50	.04	.027	11	28	.17	92	.02	2	1.42	.01	.08	1	264
9211-GSR-04	2	19	195	167	2.8	4	1	157	1.12	32	5	ND	2	45	.5	3	2	17	.02	.012	11	9	.01	71	.01	2	.29	.01	.08	1	546
9211-GSR-05	2	10	193	549	.5	21	2	466	1.62	28	5	ND	4	48	.9	2	2	56	2.37	.021	5	41	.27	170	.06	2	1.03	.01	.30	1	810
9211-GSR-06	1	6	24	544	.2	30	3	880	1.19	2	5	ND	4	294	1.6	2	2	65	21.99	.044	4	19	.42	162	.04	2	1.00	.01	.26	1	606
9211-GSR-07	1	8	15	91	.3	22	3	327	1.03	3	5	ND	3	330	.4	2	2	76	20.55	.015	3	25	.76	28	.04	2	1.12	.01	.39	1	1048
9211-GSR-08	1	7	16	83	.3	27	3	199	1.09	2	9	ND	6	201	.2	2	2	111	9.99	.028	3	32	.56	38	.06	2	1.78	.01	.27	1	2088
9211-GSR-09	1	22	18	160	.3	36	4	295	1.31	26	9	ND	6	156	.4	2	2	116	9.17	.028	3	43	.57	54	.07	2	1.99	.01	.30	1	2250
RE 9211-GSR-06	1	6	21	545	.3	29	3	891	1.19	2	5	ND	4	297	1.6	2	2	66	22.34	.045	4	17	.43	162	.04	2	1.01	.01	.26	1	604
L15E 7+55N Grab	1	18	178	1893	1.0	31	3	2138	2.13	33	5	ND	8	12	3.2	5	2	15	1.15	.028	22	8	.08	35	.01	2	.34	.01	.16	1	502
STANDARD C/CB-1200	17	62	38	133	7.5	71	31	1050	3.96	38	18	8	39	53	18.6	15	19	59	.51	.085	40	51	.92	185	.09	35	2.00	.08	.15	10	2150

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

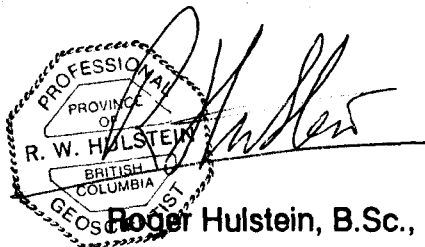
## STATEMENT OF QUALIFICATIONS

I, ROGER W. HULSTEIN, with business address:

Aurum Geological Consultants Inc.  
P.O. Box 4367  
Whitehorse, Yukon  
Y1A 3T5

do hereby certify that:

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205-1116 1st Avenue Whitehorse, Yukon Territory.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a fellow of the Geological Association of Canada (F3572).
4. I am a member of The Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 19127.
4. I have no direct or indirect interest in the properties of Dromedary Exploration Company Ltd.
5. I am the author of this report on the DMC19-36 claims, Mayo Mining District, Yukon, which is based on my personal examination of the ground during September 1992 and on referenced sources.
6. I consent to the use of this report, in a company report or statement, provided no portion is used out of context in such a manner as to convey a meaning differing from that set out in the whole.



October 27, 1992

Roger Hulstein, B.Sc., FGAC, P. Geo.