

16, 81, 82



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

August 7, 1987

CERTIFICATE OF ANALYSIS **GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 109 core samples received July 28, 1987  
PROJECT: 224

**17,929**  
**Part 2 of 3**

ETK#	Description	Au (g/t)	Ag (g/t)
339 - 1	32422	.21	1.0
339 - 2	32389	.11	.8
339 - 3	32390	.14	.9
339 - 4	32391	.07	.4
339 - 5	32392	.10	1.2
339 - 6	32393	.22	1.6
339 - 7	32394	.11	1.2
339 - 8	32395	.12	1.3
339 - 9	32396	.13	1.2
339 - 10	32397	.15	1.1
339 - 11	32398	.25	1.6
339 - 12	32399	.12	1.4
339 - 13	32400	.14	1.5
339 - 14	32401	.14	1.3
339 - 15	32402	.22	1.4
339 - 16	32403	.11	1.2
339 - 17	32404	.32	1.4
339 - 18	32405	.18	1.1
339 - 19	32406	.09	1.1
339 - 20	32407	.08	1.3

REMOVED

WIN-81  
Entered

S. Benischek  
Sonja P. Benischek, Certified Assayer

Granges Exploration Ltd.

August 7, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
339 - 21	32408	.14	1.3
339 - 22	32409	.12	1.2
339 - 23	32410	.08	1.4
339 - 24	32411	.13	1.2
339 - 25	32412	.20	1.2
339 - 26	32413	.27	1.2
339 - 27	32414	.14	1.3
339 - 28	32415	.05	1.0
339 - 29	32416	.13	.9
339 - 30	32417	.12	1.0
339 - 31	32418	.18	1.2
339 - 32	32419	.17	1.3
339 - 33	32420	.09	1.2
339 - 34	32421	.12	1.1
339 - 35	32423	.12	1.3
339 - 36	32424	.12	1.6
339 - 37	32425	.13	1.5
339 - 38	32426	.08	1.3
339 - 39	32427	.10	1.3
339 - 40	32428	.12	1.4
339 - 41	32429	.09	1.3
339 - 42	32430	.08	1.5
339 - 43	32431	.08	1.3
339 - 44	32432	.05	1.1
339 - 45	32433	.04	1.3
339 - 46	32434	.08	1.2
339 - 47	32435	.12	2.3
339 - 48	32436	.13	1.5
339 - 49	32437	.06	1.2
339 - 50	32438	.07	1.0
339 - 51	32439	.08	1.2
339 - 52	32440	.10	1.0
339 - 53	32441	.09	1.1
339 - 54	32442	.12	1.1
339 - 55	32443	.09	.9

WIN-81  
ENTERED

Granges Exploration Ltd.

August 7, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
339 - 56	32444	.13	1.3
339 - 57	32445	.12	1.2
339 - 58	32446	.38	1.4
339 - 59	32447	.40	1.4
339 - 60	32448	.10	.8
339 - 61	32449	.70	2.5
339 - 62	32450	.52	1.5
339 - 63	32451	.50	1.7
339 - 64	32452	.33	2.1
339 - 65	32453	.36	1.3
339 - 66	32454	.20	.6
339 - 67	32455	.31	1.1
339 - 68	32456	.17	1.5
339 - 69	32457	.47	1.3
339 - 70	32458	.22	1.5
339 - 71	32459	.17	1.6
339 - 72	32460	.14	1.4
339 - 73	32461	.12	1.0
339 - 74	32462	.13	1.1
339 - 75	32463	.11	1.3
339 - 76	32464	.13	.9
339 - 77	32465	.19	1.5
339 - 78	32466	.14	1.4
339 - 79	28271	.21	1.5
339 - 80	28272	.23	1.1
339 - 81	28273	.41	1.1
339 - 82	28274	.37	1.1
339 - 83	28275	.31	1.5
339 - 84	28276	.22	.9
339 - 85	28277	.17	.8
339 - 86	28278	.15	1.1
339 - 87	28279	.30	.8
339 - 88	28280	.29	1.0
339 - 89	28281	.16	1.0
339 - 90	28282	.12	.9

WIN-81  
ENTERED



WIN-76

*S. Benischek*

Sonja P. Benischek, Certified Assayer

Granges Exploration Ltd.

August 7, 1987

<u>EIK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
339 - 91	28283	.09	.4
339 - 92	28284	.11	.1
339 - 93	28285	.12	.3
339 - 94	28286	.10	.3
339 - 95	28287	.12	.1
339 - 96	28288	.11	.1
339 - 97	28289	.18	.8
339 - 98	28290	.17	.9
339 - 99	28291	.16	.8
339 - 100	28292	.14	.8
339 - 101	28293	.09	.5
339 - 102	28294	.11	.7
339 - 103	28295	.14	.8
339 - 104	28296	.13	1.1
339 - 105	28297	.12	1.1
339 - 106	28298	.12	.6
339 - 107	28299	.40	.8
339 - 108	28300	.09	.8
339 - 109	28301	.11	1.0

WIN-82  
ENTERED  
WIN 84  
ENTERED  
WIN 82  
ENTERED

NOTE: < = less than

*S. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jk

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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*pd*

*02, 85*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

August 19, 1987

CERTIFICATE OF ANALYSIS ETK 87-358

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 86 core samples received August 4, 1987  
PROJECT: \_\_\_\_\_ (no shipment notice sent)

ETK#	Description	Au (g/t)	Ag (g/t)
358 - 1	28358	.03	.3
358 - 2	28359	.05	.4
358 - 3	28360	.06	.3
358 - 4	28361	<.03	.2
358 - 5	28362	.12	.1
358 - 6	28363	.09	.8
358 - 7	28364	.09	1.0
358 - 8	28365	.09	.7
358 - 9	28366	.12	1.1
358 - 10	28367	<.03	.1
358 - 11	28368	.03	<.1
358 - 12	28369	.05	.2
358 - 13	28370	.05	.2
358 - 14	28371	.03	.2
358 - 15	28372	.03	.1
358 - 16	28373	.05	.1
358 - 17	28374	.06	.1
358 - 18	28375	.03	.2
358 - 19	28376	<.03	.1
358 - 20	28377	.05	.2

*WIN-82  
ENTERED*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
358 - 21	28378	.06	.1
358 - 22	28379	.05	<.1
358 - 23	28380	.05	<.1
358 - 24	28381	.11	.3
358 - 25	28382	.09	.4
358 - 26	28383	.06	<.1
358 - 27	28384	.08	.1
358 - 28	28385	.06	<.1
358 - 29	28386	.03	.1
358 - 30	28387	.09	.1
358 - 31	28388	.09	.2
358 - 32	28389	.05	<.1
358 - 33	28390	.06	<.1
358 - 34	28391	.08	.3
358 - 35	28392	.09	.1
358 - 36	28393	.12	.2
358 - 37	28394	.08	.3
358 - 38	28395	.08	.1
358 - 39	28396	.12	.1
358 - 40	28397	.12	.1
358 - 41	28398	.11	.5
358 - 42	28399	.05	.4
358 - 43	31300	.03	<.1
358 - 44	31301	.05	<.1
358 - 45	31302	.03	<.1
358 - 46	31303	<.03	<.1
358 - 47	31304	.11	<.1
358 - 48	31305	.03	<.1
358 - 49	31306	.03	<.1
358 - 50	31307	.03	<.1
358 - 51	31308	<.03	<.1
358 - 52	31309	.03	<.1
358 - 53	31310	.05	<.1
358 - 54	31311	.03	.1
358 - 55	31312	.05	<.1

WIN-82

EXTENDED

WIN-85

S. Benischek  
 Sonja Benischek, Certified Assayer

August 19, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
358 - 56	31313	.05	.2
358 - 57	31314	<.03	.2
358 - 58	31315	.03	.1
358 - 59	31316	.03	.1
358 - 60	31317	.03	.1
358 - 61	31318	.03	.3
358 - 62	31319	.03	.2
358 - 63	31320	.17	.1
358 - 64	31321	.09	.1
358 - 65	31322	.09	1.1
358 - 66	31323	.09	.9
358 - 67	31324	.09	1.1
358 - 68	31325	.09	.5
358 - 69	31326	.14	1.7
358 - 70	31327	.03	.4
358 - 71	31328	.17	1.2
358 - 72	31329	.04	.9
358 - 73	31330	<.03	.6
358 - 74	31331	.10	1.3
358 - 75	31332	.13	1.2
358 - 76	31333	.03	.2
358 - 77	31334	.40	.7
358 - 78	31335	.33	.5
358 - 79	31336	<.03	.4
358 - 80	31337	.41	.3
358 - 81	31338	.43	.2
358 - 82	31339	.31	<.1
358 - 83	31340	.07	<.1
358 - 84	31341	.11	<.1
358 - 85	31342	.28	.1
358 - 86	31343	.22	<.1

*ENTERED*  
←

*WIN-85*

NOTE: < = less than

*S. Benischek*  
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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

82

pa



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

August 14, 1987

CERTIFICATE OF ANALYSIS ETK 87-364

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 33 core samples received August 7, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
WIN 82			
364 - 1	28443	.09	.4
364 - 2	28444	.07	.2
364 - 3	28445	.06	.2
364 - 4	28446	.11	.4
364 - 5	28447	.08	.3
364 - 6	28448	.11	.2
364 - 7	28449	.10	.4
364 - 8	28450	.44	.9
364 - 9	28451	.09	.5
364 - 10	28452	.47	.7
364 - 11	28453	.29	1.0
364 - 12	28454	.12	.9
364 - 13	28455	.20	1.1
364 - 14	28456	.15	.9
364 - 15	28457	.25	1.8
364 - 16	28458	.53	1.4
364 - 17	28459	.42	1.7
364 - 18	28460	.41	1.1
364 - 19	28461	.47	1.0
364 - 20	28462	.52	2.3

ENTERED

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration Ltd.

August 14, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
364 - 21	28463	.18	2.1
364 - 22	28464	.14	.9
364 - 23	28465	.11	.6
364 - 24	28466	.06	.9
364 - 25	28467	.14	1.1
364 - 26	28468	.12	1.2
364 - 27	28469	.16	.6
364 - 28	28470	.10	.4
364 - 29	28471	.12	.3
364 - 30	28472	.17	.6
364 - 31	28473	.16	.7
364 - 32	28474	.17	.8
WIN 84			
364 - 33	31260	.11	.6

ENTERED

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2

WIN 82, 83

*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING



10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

August 17, 1987

CERTIFICATE OF ANALYSIS ETK 87-357

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

WIN 82, 83

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 81 rock samples received August 4, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
WIN 83			
357 - 1	32467	.16	.4
357 - 2	32468	.15	.2
357 - 3	32469	.11	.3
357 - 4	32470	.22	1.6
357 - 5	32471	.50	1.5
357 - 6	32472	.26	1.6
357 - 7	32473	.71	2.2
357 - 8	32474	1.57	3.2
357 - 9	32475	.16	2.1
357 - 10	32476	.10	1.9
357 - 11	32477	.10	3.2
357 - 12	32478	.10	51.0
357 - 13	32479	.05	3.1
357 - 14	32480	.07	1.5
357 - 15	32481	.07	1.3
357 - 16	32482	.08	.6
357 - 17	32483	.04	8.0
357 - 18	32484	.06	2.3
357 - 19	32485	.35	1.9
357 - 20	32486	.10	1.0

ENTERED

S. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
357 - 21	32487	.05	.6
357 - 22	32488	.09	.4
357 - 23	32489	.03	.4
357 - 24	32490	.05	3.8
357 - 25	32491	.07	.5
357 - 26	32492	.07	.3
357 - 27	32493	<.03	.7
357 - 28	32494	<.03	.3
357 - 29	32495	<.03	.7
357 - 30	32496	.03	.7
357 - 31	32497	.04	.5
357 - 32	32498	.03	.2
357 - 33	32499	<.03	.7
357 - 34	31200	.08	.3
357 - 35	31201	<.03	.8
357 - 36	31202	.07	.3
357 - 37	31203	.18	.3
357 - 38	31204	.42	.2
357 - 39	31205	.13	.2
357 - 40	31206	.14	.3
357 - 41	31207	.13	.1
357 - 42	31208	.15	.1
357 - 43	31209	.04	.2
357 - 44	31210	.66	.1
357 - 45	31211	.50	.1
357 - 46	31212	<.03	.3
357 - 47	31213	<.03	.3
357 - 48	31214	<.03	.4
357 - 49	31215	<.03	.4
357 - 50	31216	<.03	.2
357 - 51	31217	<.03	.2
357 - 52	31218	<.03	.4
357 - 53	31219	<.03	.4
357 - 54	31220	<.03	.6
357 - 55	31221	<.03	.2

ENTERED

Granges Exploration Ltd.

August 17, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
357 - 56	31222	<.03	.3
357 - 57	31223	.19	.2
357 - 58	31224	<.03	.3
WIN 82 357 - 59	28302	<.03	.2
357 - 60	28303	.03	.3
357 - 61	28304	.05	.2
357 - 62	28305	.04	.8
357 - 63	28306	<.03	.1
357 - 64	28307	<.03	.5
357 - 65	28308	<.03	.4
357 - 66	28309	.04	.4
357 - 67	28310	.04	.6
357 - 68	28311	.04	.1
357 - 69	28312	.04	<.1
357 - 70	28313	.07	.1
357 - 71	28314	.04	.3
357 - 72	28315	<.03	<.1
357 - 73	28316	<.03	<.1
357 - 74	28317	<.03	.1
357 - 75	28318	<.03	<.1
357 - 76	28319	<.03	<.1
357 - 77	28320	.10	.3
357 - 78	28321	<.03	<.1
357 - 79	28322	<.03	.1
357 - 80	28323	<.03	<.1
357 - 81	28324	<.03	<.1

ENTERED

NOTE: < = less than

S. Benischek  
ECD-TECH LABORATORIES LTD.  
Senja Benischek,  
B.C. Certified Assayer

SB/jk  
c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

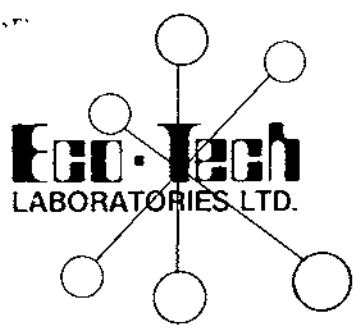
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*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING



10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 4, 1987

CERTIFICATE OF ANALYSIS ETK 87-389

CLIENT: Granges Exploration Ltd.  
2300, 585 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 198 core samples received August 11, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
HOLE 89			
389 - 1	29164	.06	.4
389 - 2	29165	.05	.3
389 - 3	29166	.25	.6
389 - 4	29167	1.05	.5
389 - 5	29168	75.31*	42.3
389 - 6	29169	3.34*	2.2
389 - 7	29170	.08	.7
389 - 8	29171	1.30	.6
389 - 9	29172	44.41*	11.8
389 - 10	29173	1.33	1.0
389 - 11	29174	.31	.7
389 - 12	29161	1.19	.6
389 - 13	29162	.35	.2
389 - 14	29163	.21	.3
389 - 15	29175	.08	.4
389 - 16	29176	<.03	.4
389 - 17	29177	<.03	.4
389 - 18	29178	1.84	.8
389 - 19	29179	<.03	.2
389 - 20	29180	.04	.3

*WN-89  
ENTERED*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

September 4, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 89			
389 - 21	29181	<.03	.2
389 - 22	29182	<.03	.2
389 - 23	29183	.03	.5
389 - 24	29184	<.03	.2
389 - 25	29185	<.03	.2
389 - 26	29186	<.03	.3
389 - 27	29187	<.03	.1
389 - 28	29188	<.03	.2
389 - 29	29189	<.03	.2
389 - 30	29190	.29	.4
389 - 31	29191	<.03	.3
389 - 32	29192	<.03	.2
389 - 33	29193	<.03	.3
389 - 34	29194	.03	.4
389 - 35	29195	<.03	.3
389 - 36	29196	<.03	.2
389 - 37	29197	<.03	.4
389 - 38	29198	<.03	.3
389 - 39	29199	<.03	.3
389 - 40	29200	<.03	.1
389 - 41	29201	<.03	.1
389 - 42	29202	<.03	.1
389 - 43	29203	<.03	.5
389 - 44	29204	<.03	.4
389 - 45	29205	<.03	.5
389 - 46	29206	.08	.5
389 - 47	29207	<.03	.4
389 - 48	29208	<.03	.4
389 - 49	29209	<.03	.3
389 - 50	29210	<.03	.4
389 - 51	29211	<.03	.3
389 - 52	29212	<.03	.2
389 - 53	29213	<.03	.6
389 - 54	29214	<.03	.4
389 - 55	29215	.03	.4

WIN-89  
ENTERED

S. Benischek  
Sonja Benischek, Certified Assayer

## Granges Exploration

September 4, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
389 - 56	29216	<.03	.3
389 - 57	29217	<.03	.2
389 - 58	29218	<.03	.3
389 - 59	29219	<.03	.2
389 - 60	29220	<.03	.1
389 - 61	29221	.03	.3
389 - 62	29222	<.03	.2
389 - 63	29223	<.03	.3
389 - 64	29224	<.03	.4
389 - 65	29225	<.03	.3
389 - 66	29226	<.03	.1
389 - 67	29227	.04	.2
389 - 68	29228	.23	2.2
389 - 69	29229	<.03	.1
389 - 70	29230	.42	.3
389 - 71	29231	.14	.1
389 - 72	29232	<.03	.3
389 - 73	29233	.10	.1
389 - 74	29234	<.03	.2
389 - 75	29235	.30	.2
389 - 76	29236	.04	.1
389 - 77	29237	<.03	.1
389 - 78	29238	.08	.2
389 - 79	29239	.12	.4
389 - 80	29240	.07	.6
389 - 81	29241	.09	.4
389 - 82	29242	.78	.3
389 - 83	29243	3.86	2.1
389 - 84	29244	.93	.3
389 - 85	29245	.83	1.0
389 - 86	29246	<.03	.2
389 - 87	29247	.04	.5
389 - 88	29248	.54	.4
389 - 89	29249	.60	.4
389 - 90	29250	<.03	.2

WIN-89  
ENTERED

D. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
<b>HOLE 89</b>			
389 - 91	29251	<.03	.2
389 - 92	29252	<.03	.2
389 - 93	29253	<.03	.2
389 - 94	29254	<.03	.1
389 - 95	29255	<.03	.1
389 - 96	29256	<.03	.1
389 - 97	29257	<.03	.1
389 - 98	29258	<.03	<.1
389 - 99	29259	<.03	<.1
389 - 100	29260	<.03	.1
389 - 101	29261	<.03	.1
389 - 102	29262	<.03	.1
389 - 103	29263	<.03	.1
389 - 104	29264	<.03	.1
389 - 105	29265	<.03	<.1
389 - 106	29266	<.03	<.1
389 - 107	29267	<.03	<.1
<b>HOLE 87</b>			
389 - 108	28587	<.03	.6
389 - 109	28588	.06	.9
389 - 110	28589	.06	1.3
389 - 111	28590	.11	.7
389 - 112	28591	.09	.4
389 - 113	28592	.12	2.0
389 - 114	28593	.21	22.5
389 - 115	28594	.05	.2
389 - 116	28595	.03	.2
389 - 117	28596	.03	.1
389 - 118	28597	.04	.2
389 - 119	28598	.11	1.3
389 - 120	28599	.12	1.5
389 - 121	28600	.13	2.7
389 - 122	28601	.04	.1
389 - 123	28602	.08	.8
389 - 124	28603	.11	1.0
389 - 125	28604	.09	.5

WIN-89  
ENTERED

WIN-87  
E

S. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
<b>HOLE 87</b>			
389 - 126	28605	.09	.8
389 - 127	28606	.12	.8
389 - 128	28607	.14	.7
389 - 129	28608	.07	.5
389 - 130	28609	.11	.9
389 - 131	28610	.09	.8
389 - 132	28611	.07	.6
389 - 133	28612	.08	.8
389 - 134	28613	.08	.9
389 - 135	28614	.08	.6
389 - 136	28615	.04	.3
389 - 137	28616	<.03	.3
389 - 138	28617	<.03	.1
389 - 139	28618	<.03	<.1
389 - 140	28619	<.03	.1
389 - 141	28620	<.03	<.1
389 - 142	28621	<.03	.1
<b>HOLE 88</b>			
389 - 143	28622	.04	.1
389 - 144	28623	.05	.2
389 - 145	28624	<.03	.1
389 - 146	28625	.06	.5
389 - 147	28626	.04	.1
389 - 148	28627	<.03	.1
389 - 149	28628	<.03	.2
389 - 150	28629	<.03	.1
389 - 151	28630	<.03	.1
389 - 152	28631	<.03	.2
389 - 153	28632	.10	.2
389 - 154	28633	.08	.3
389 - 155	28634	.04	.4
389 - 156	28635	<.03	.2
389 - 157	28636	<.03	.1
389 - 158	28637	.04	.4
389 - 159	28638	<.03	<.1
389 - 160	28639	<.03	<.1

WIN-87  
E

WIN-88  
E

S. Benischek  
Sonja Benischek, Certified Assayer

September 4, 1987

ETK#	Description	Au (g/t)	Hg (g/t)
HOLE 88			
389 - 161	28640	<.03	.1
389 - 162	28641	<.03	.3
389 - 163	28642	<.03	.1
389 - 164	28643	<.03	.2
389 - 165	28644	<.03	.2
389 - 166	28645	<.03	.2
389 - 167	28646	<.03	.2
389 - 168	28647	<.03	.2
389 - 169	28648	<.03	.1
389 - 170	28649	<.03	.3
389 - 171	28650	<.03	<.1
389 - 172	28651	<.03	<.1
389 - 173	28652	<.03	<.1
389 - 174	28653	<.03	.2
389 - 175	28654	<.03	.1
389 - 176	28655	<.03	.1
389 - 177	28656	<.03	.2
389 - 178	28657	<.03	.3
389 - 179	28658	<.03	.1
389 - 180	28659	<.03	.2
389 - 181	28660	<.03	.1
389 - 182	28661	<.03	.1
389 - 183	28662	<.03	.1
389 - 184	28663	.12	.7
389 - 185	28664	.03	.2
389 - 186	28665	<.03	.1
389 - 187	28666	<.03	<.1
389 - 188	28667	<.03	<.1
389 - 189	28668	<.03	<.1
389 - 190	28669	<.03	.1
389 - 191	28670	.06	.3
389 - 192	28671	.10	.6
389 - 193	28672	.05	.3
389 - 194	28673	.07	.5
389 - 195	28674	.07	.4

WIN-88  
E

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

September 4, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
HOLE 88			
389 - 196	28675	.08	.5
389 - 197	28676	.10	.5
389 - 198	28677	.06	.4

win-88  
E

NOTE: < = less than  
\* sample screened and metallics assayed

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 7 of 7



*pd*

82, 50, 81, 89

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 4, 1987

CERTIFICATE OF ANALYSIS ETK 87-390

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E9

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 140 core samples received August 11, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
<u>WIN 82</u>			
390 - 1	28400	.07	.5
390 - 2	28401	.11	.6
390 - 3	28402	.09	.4
390 - 4	28403	.07	.5
390 - 5	28404	.06	.7
390 - 6	28405	.15	.8
390 - 7	28406	.12	.9
390 - 8	28407	.12	.7
390 - 9	28408	.09	.5
390 - 10	28409	.07	.4
390 - 11	28410	.15	.7
390 - 12	28411	.06	.3
390 - 13	28412	.11	.6
390 - 14	28413	.21	1.1
390 - 15	28414	.08	.5
390 - 16	28415	.07	.4
390 - 17	28416	.07	.3
390 - 18	28417	.21	.9
390 - 19	28418	.22	.7
390 - 20	28419	1.46	1.7

*ENTERED*

S. Benischek  
Sonja Benischek, Certified Assayer



<u>ETK#</u>	<u>Description</u>	<u>Au(g/t)</u>	<u>Ag(g/t)</u>
<u>WIN 82</u>			
390 - 21	28420	1.14	1.2
390 - 22	28421	.04	.1
390 - 23	28422	.07	.5
390 - 24	28423	.13	.9
390 - 25	28424	.04	.2
390 - 26	28425	.12	.7
390 - 27	28426	.08	.4
390 - 28	28427	.19	1.1
390 - 29	28428	.05	.2
390 - 30	28429	.06	.2
390 - 31	28430	.06	.3
390 - 32	28431	.05	.2
390 - 33	28432	.08	.6
390 - 34	28433	.12	.9
390 - 35	28434	.04	<.1
390 - 36	28435	.12	.5
390 - 37	28436	.17	.9
390 - 38	28437	.28	.8
390 - 39	28438	.19	.7
390 - 40	28439	.05	.2
390 - 41	28440	.05	<.1
390 - 42	28441	<.03	<.1
390 - 43	28442	<.03	<.1
<u>WIN 86</u>			
390 - 44	29000	<.03	<.1
390 - 45	29001	<.03	<.1
390 - 46	29002	<.03	<.1
390 - 47	29003	<.03	<.1
390 - 48	29004	<.03	<.1
390 - 49	29005	<.03	<.1
390 - 50	29006	<.03	<.1
390 - 51	29007	<.03	<.1
390 - 52	29008	<.03	<.1
390 - 53	29009	<.03	<.1

ENTERED

<u>ETK#</u>	<u>Description</u>	<u>Au(g/t)</u>	<u>Ag(g/t)</u>
<u>WIN 86</u>			
390 - 54	29010	<.03	.4
390 - 55	29011	<.03	.3
390 - 56	29012	<.03	.4
390 - 57	29013	<.03	.3
390 - 58	29014	<.03	.2
390 - 59	29015	<.03	.1
390 - 60	29016	<.03	<.1
390 - 61	29017	<.03	<.1
390 - 62	29018	<.03	.1
390 - 63	29019	<.03	<.1
<u>WIN 87</u>			
390 - 64	28561	.03	.1
390 - 65	28562	.03	.2
390 - 66	28563	.04	.2
390 - 67	28564	<.03	.1
390 - 68	28565	.09	.6
390 - 69	28566	.07	.4
390 - 70	28567	.11	.6
390 - 71	28568	.17	.9
390 - 72	28569	.13	.8
390 - 73	28570	.20	1.1
390 - 74	28571	.10	.6
390 - 75	28572	.13	.8
390 - 76	28573	.11	.6
390 - 77	28574	.07	.3
390 - 78	28575	<.03	.1
390 - 79	28576	<.03	<.1
390 - 80	28577	.10	.5
390 - 81	28578	<.03	<.1
390 - 82	28579	.05	.3
390 - 83	28580	.03	.1
390 - 84	28581	.03	.2
390 - 85	28582	.10	.7
390 - 86	28583	.03	.2
390 - 87	28584	.20	.9
390 - 88	28585	.10	.8

ENTERED

## Granges Exploration

September 4, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au(g/t)</u>	<u>Ag(g/t)</u>
WIN 87			
390 - 89	28586	<.03	<.1
390 - 90	28516	<.03	<.1
390 - 91	28517	<.03	<.1
390 - 92	28518	<.03	<.1
390 - 93	28519	<.03	<.1
390 - 94	28520	<.03	<.1
390 - 95	28521	<.03	<.1
390 - 96	28532	<.03	<.1
390 - 97	28533	<.03	<.1
390 - 98	28534	<.03	<.1
390 - 99	28535	<.03	<.1
390 - 100	28536	<.03	<.1
390 - 101	28537	<.03	<.1
390 - 102	28538	<.03	<.1
390 - 103	28539	.03	.2
390 - 104	28550	.10	.8
390 - 105	28551	.06	.4
390 - 106	28552	.10	.8
390 - 107	28553	.11	.6
390 - 108	28554	<.03	<.1
390 - 109	28555	<.03	<.1
390 - 110	28556	.03	<.1
390 - 111	28557	.04	.1
390 - 112	28558	.03	<.1
390 - 113	28559	.04	<.1
390 - 114	28560	.09	<.1
390 - 115	29135	.04	<.1
390 - 116	29136	3.57*	2.0
390 - 117	29137	.10	<.1
390 - 118	29138	8.66*	1.4
390 - 119	29139	1.44	.7
390 - 120	29140	6.15*	2.7
390 - 121	29141	8.44*	1.7
390 - 122	29142	29.90*	9.2
390 - 123	29143	11.83*	3.8

ENTERED

WIN-89

ENTERED

S. Benischek  
 Sonja Benischek, Certified Assayer

Granges Exploration

September 4, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au(g/t)</u>	<u>Ag(g/t)</u>
<u>WIN 87</u>			
390 - 124	29144	.03	.1
390 - 125	29145	<.03	<.1
390 - 126	29146	<.03	<.1
390 - 127	29147	<.03	<.1
390 - 128	29148	<.03	<.1
390 - 129	29149	<.03	<.1
390 - 130	29150	.04	<.1
390 - 131	29151	<.03	<.1
390 - 132	29152	<.03	<.1
390 - 133	29153	<.03	.1
390 - 134	29154	<.03	<.1
390 - 135	29155	<.03	.2
390 - 136	29156	<.03	<.1
390 - 137	29157	<.03	<.1
390 - 138	29158	<.03	<.1
390 - 139	29159	<.03	.2
390 - 140	29160	<.03	.2

ENTERED

NOTE: < = less than  
\* = sample screened and metallics assayed

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 5 of 5

88, 90, 41



*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

August 21, 1987

CERTIFICATE OF ANALYSIS ETK 87-393

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: *CORE* 157 rock samples received August 12, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
393 - 1	29345	.41	1.4
393 - 2	29346	.98	1.0
393 - 3	29347	.24	1.2
393 - 4	29348	.33	1.8
393 - 5	29349	.35	2.0
393 - 6	29350	.40	1.2
393 - 7	29351	.51	1.5
393 - 8	29352	.78	.9
393 - 9	29353	2.21*	.9
393 - 10	29354	.68	1.7
393 - 11	29299	.22	.7
393 - 12	29300	.08	.5
393 - 13	29301	.04	.5
393 - 14	29302	.10	.6
393 - 15	29303	.08	.5
393 - 16	29304	.66	.9
393 - 17	29305	.74	.5
393 - 18	29306	7.11*	2.0
393 - 19	29307	.95	1.2
393 - 20	29308	.10	1.4

*WIN-91  
ENTERED*

*CS*  
  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
393 - 21	29309	14.57*	2.4
393 - 22	29310	.12	.2
393 - 23	29311	1.07	.3
393 - 24	29312	.82	.9
393 - 25	29313	2.13	.5
393 - 26	29314	.03	.6
393 - 27	29315	5.64*	.8
393 - 28	29316	10.49*	7.2
393 - 29	29317	.14	.9
393 - 30	29318	.17	1.0
393 - 31	29319 ←	.36	.6
393 - 32	31525	.03	.3
393 - 33	31526	.06	.4
393 - 34	31527	<.03	.2
393 - 35	31528	<.03	.3
393 - 36	31529	<.03	.2
393 - 37	31530	.05	.3
393 - 38	31531	<.03	.2
393 - 39	31532	<.03	.2
393 - 40	31533	.03	.3
393 - 41	31534	<.03	.3
393 - 42	31535	<.03	.4
393 - 43	31536	.05	.3
393 - 44	31537	<.03	.4
393 - 45	31538	.04	.2
393 - 46	31539	.03	.5
393 - 47	31540	.06	.4
393 - 48	31541	<.03	.3
393 - 49	31542	.03	.3
393 - 50	31543	.03	.2
393 - 51	31544	.03	.4
393 - 52	31545	.03	.4
393 - 53	31546	<.03	.4
393 - 54	31547	<.03	.3
393 - 55	31548	<.03	.3

WIN-91  
ENTERED

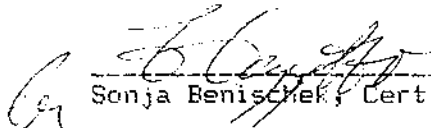
WIN-90  
ENTERED

*Sonja Benischek*  
-----  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
393 - 56	31549	.05	.4
393 - 57	31550	<.03	.3
393 - 58	31551	<.03	.4
393 - 59	31552	<.03	.3
393 - 60	31553	<.03	.3
393 - 61	31554 ←	.03	.3
393 - 62	28678	.07	.6
393 - 63	28679	.14	.5
393 - 64	28680	.09	.7
393 - 65	28681	.13	.5
393 - 66	28682	.14	.7
393 - 67	28683	.09	.3
393 - 68	28684	.14	.6
393 - 69	28685	.08	.3
393 - 70	28686	.08	.1
393 - 71	28687	.06	.2
393 - 72	28688	.11	.2
393 - 73	28689	.13	.3
393 - 74	28690	.07	.2
393 - 75	28691	.16	.3
393 - 76	28692	.15	.3
393 - 77	28693 ←	.16	.3
393 - 78	29268	.81	.3
393 - 79	29269	1.81	1.4
393 - 80	29270	.03	.1
393 - 81	29271	1.07	.2
393 - 82	29272	.07	.1
393 - 83	29273	.08	.2
393 - 84	29274	.07	.1
393 - 85	29275	.08	.2
393 - 86	29276	.09	.2
393 - 87	29277	.08	.2
393 - 88	29278	.08	.1
393 - 89	29279	.07	.2
393 - 90	29280	.09	.1

WIN-88  
ENTERED

WIN-89  
ENTERED

  
 Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
393 - 91	29281	.08	.2
393 - 92	29282	.10	.2
393 - 93	29283	.08	.2
393 - 94	29284	.07	.3
393 - 95	29285	.08	.2
393 - 96	29286	.07	.2
393 - 97	29287	.08	.1
393 - 98	29288	.07	.2
393 - 99	29289	.08	.2
393 - 100	29290	.06	.1
393 - 101	29291	.05	.1
393 - 102	31500	.06	.1
393 - 103	31501	.08	.1
393 - 104	31502/31503	.08	.2
393 - 105	31504	.07	.1
393 - 106	31505	.09	.2
393 - 107	31506	.07	.1
393 - 108	31507	.09	.5
393 - 109	31508	.08	.4
393 - 110	31509	.08	.3
393 - 111	31510	.07	.4
393 - 112	31511	.09	.4
393 - 113	31512	.08	.4
393 - 114	31513	.09	.6
393 - 115	31514	.12	.8
393 - 116	31515	.07	.4
393 - 117	31516	.10	.7
393 - 118	31517	.07	.5
393 - 119	31518	.07	.5
393 - 120	31519	.09	.5
393 - 121	31520	.10	.6
393 - 122	31521	.07	.5
393 - 123	31522	.07	.4
393 - 124	31523	.08	.4
393 - 125	31524	.07	.4

WIN-91  
ENTERED

WIN-90  
ENTERED

*Sonja Benischek*  
Sonja Benischek, Certified Assayer

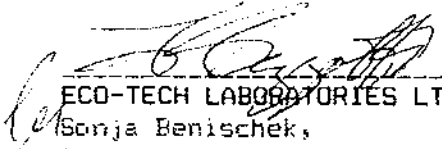


ETK#	Description	Au (g/t)	Ag (g/t)
393 - 126	29292 ←	.10	1.0
393 - 127	29293	.06	.6
393 - 128	29294	.08	.9
393 - 129	29295	.09	.8
393 - 130	29296	.07	.7
393 - 131	29297	.07	.8
393 - 132	29298 ←	.07	.6
393 - 133	29320 ←	.14	1.2
393 - 134	29321	.08	.9
393 - 135	29322	.14	1.3
393 - 136	29323	.12	1.1
393 - 137	29324	.07	1.6
393 - 138	29325	.09	1.0
393 - 139	29326	.10	1.2
393 - 140	29327	.10	1.0
393 - 141	29328	.07	.8
393 - 142	29329	<.03	1.1
393 - 143	29330	<.03	1.3
393 - 144	29331	.05	.9
393 - 145	29332	<.03	1.3
393 - 146	29333	<.03	.8
393 - 147	29334	<.03	1.1
393 - 148	29335	<.03	.9
393 - 149	29336	.03	1.2
393 - 150	29337	<.03	.9
393 - 151	29338	<.03	.9
393 - 152	29339	<.03	.7
393 - 153	29340	<.03	.7
393 - 154	29341	.03	1.3
393 - 155	29342	.06	1.5
393 - 156	29343	<.03	.8
393 - 157	29344	.05	1.6

WIN-91  
ENTERED

WIN-91  
ENTERED

NOTE: < = less than  
\* sample screened and metallics assayed

  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jk

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C. **Eco-Tech** LABORATORIES LTD.  
Attention: Pat Deveaux  
"Hold for Pickup"



*pd*

40, 91, 42, 94

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 2, 1987

CERTIFICATE OF ANALYSIS ETK 87-410

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 221 rock samples received August 17, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
410 - 1	31555	<.03	.2
410 - 2	31556	<.03	.1
410 - 3	31557	<.03	.3
410 - 4	31558	.04	.4
410 - 5	31559	<.03	.3
410 - 6	31560	<.03	.2
410 - 7	31561	<.03	.2
410 - 8	31562	<.03	.1
410 - 9	31563	.15	.3
410 - 10	31564	.07	.3
410 - 11	31565	<.03	.2
410 - 12	31566	.06	.1
410 - 13	31567	.13	.1
410 - 14	31568	.04	<.1
410 - 15	31569	.06	.1
410 - 16	31570	.07	.2
410 - 17	31571	.13	.2
410 - 18	31572	.03	.3
410 - 19	31573	.13	.2
410 - 20	31574	<.03	<.1

WIN-90  
E

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
410 - 21	31575	<.03	.1
410 - 22	31576	<.03	.2
410 - 23	31577	<.03	.1
410 - 24	31578	<.03	.2
410 - 25	31579	.03	.2
410 - 26	29355	.72	1.2
410 - 27	29356	.18	.2
410 - 28	29357	.14	.5
410 - 29	29358	4.77	1.8
410 - 30	29359	.19	.8
410 - 31	29360	.09	.6
410 - 32	29361	<.03	.5
410 - 33	29362	1.68	.4
410 - 34	29363	.05	.4
410 - 35	29364	<.03	.1
410 - 36	29365	<.03	.3
410 - 37	29366	<.03	.1
410 - 38	29367	.05	.1
410 - 39	29368	.10	.3
410 - 40	29369	<.03	.3
410 - 41	29370	.04	.3
410 - 42	29371	<.03	.1
410 - 43	29372	<.03	.1
410 - 44	29373	.03	.6
410 - 45	29374	.13	.8
410 - 46	29375	.03	.4
410 - 47	29376	<.03	.3
410 - 48	29377	.08	1.4
410 - 49	29378	.08	5.1
410 - 50	29379	.17	1.7
410 - 51	29380	.05	1.1
410 - 52	29381	.30	.7
410 - 53	29382	.06	1.6
410 - 54	29383	.19	2.0
410 - 55	29384	.05	1.9

WIN 90  
E

WIN-91  
E

WIN 92  
E

S. Benischek  
Sonja Benischek, Certified Assayer

September 2, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
410 - 56	29385	.12	2.0
410 - 57	29386	.14	1.2
410 - 58	29387	.05	.9
410 - 59	29388	<.03	1.8
410 - 60	29389	<.03	1.4
410 - 61	29390	.04	1.5
410 - 62	29391	<.03	1.0
410 - 63	29392	.31	.9
410 - 64	29393	<.03	.6
410 - 65	29394	<.03	.3
410 - 66	29395	<.03	.2
410 - 67	29396	<.03	.6
410 - 68	29397	<.03	.3
410 - 69	29398	<.03	.3
410 - 70	29399	.27	.5
410 - 71	29400	<.03	.4
410 - 72	29401	<.03	.3
410 - 73	29402	<.03	.3
410 - 74	29403	<.03	.3
410 - 75	29404	<.03	.5
410 - 76	29405	.04	.3
410 - 77	29406	.04	.4
410 - 78	29407	.03	.9
410 - 79	29408	.23	.8
410 - 80	29409	.04	.7
410 - 81	29410	<.03	.4
410 - 82	29411	<.03	.5
410 - 83	29412	1.04	.7
410 - 84	29413	.13	.4
410 - 85	29414	.37	.4
410 - 86	29415	1.22	.7
410 - 87	29416	1.36	.9
410 - 88	29417	.48	.7
410 - 89	29418	.46	.4
410 - 90	29419	.04	.4

WIN-92  
E

S. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
410 - 91	29420	.05	.4
410 - 92	29421	<.03	.3
410 - 93	29422	.11	.6
410 - 94	29423	.08	.2
410 - 95	29424	.17	.6
410 - 96	29425	4.72 ✓	.5
410 - 97	29426	.08	.2
410 - 98	29427	.06	.5
410 - 99	31580	<.03	.1
410 - 100	31581	<.03	.3
410 - 101	31582	<.03	.2
410 - 102	31583	<.03	.2
410 - 103	31584	<.03	.3
410 - 104	31585	<.03	.3
410 - 105	31586	<.03	.2
410 - 106	31587	<.03	.2
410 - 107	31588	<.03	.2
410 - 108	31589	<.03	.3
410 - 109	31590	.03	.3
410 - 110	31591	<.03	.5
410 - 111	31592	<.03	.3
410 - 112	31593	<.03	.3
410 - 113	31594	<.03	.3
410 - 114	31595	<.03	.4
410 - 115	31596	<.03	.2
410 - 116	31597	<.03	.5
410 - 117	31598	<.03	.3
410 - 118	31599	<.03	.2
410 - 119	31600	<.03	.4
410 - 120	31601	.06	.9
410 - 121	31602	.06	.6
410 - 122	31603	.11	.7
410 - 123	31604	.04	.5
410 - 124	31605	.03	.2
410 - 125	31606	.08	.8

WIN 92  
E

WIN 90  
E

S. Benischek  
Sonja Benischek, Certified Assayer

September 2, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
410 - 126	31607	.07	.7
410 - 127	31608	<.03	.3
410 - 128	31609	<.03	.4
410 - 129	31610	<.03	.3
410 - 130	31611	<.03	.3
410 - 131	31612	.07	.5
410 - 132	31613	.03	.6
410 - 133	31614	.03	.6
410 - 134	31615	.03	.5
410 - 135	31616	<.03	.8
410 - 136	31617	.04	.7
410 - 137	31618	.03	.7
410 - 138	31619	<.03	.5
410 - 139	31620	<.03	.6
410 - 140	31621	<.03	.6
410 - 141	31622	<.03	.7
410 - 142	31623	<.03	.5
410 - 143	31624	.08	.3
410 - 144	31625	<.03	.5
410 - 145	31626	<.03	.4
410 - 146	31627	<.03	.4
410 - 147	31628	<.03	.2
410 - 148	31629	<.03	.5
410 - 149	29428	<.03	.3
410 - 150	29429	<.03	.1
410 - 151	29430	<.03	.5
410 - 152	29431	<.03	.7
410 - 153	29432	<.03	.4
410 - 154	29433	.23	.6
410 - 155	29434	<.03	.8
410 - 156	29435	.09	.9
410 - 157	29436	12.15	1.7
410 - 158	29437	4.83	1.1
410 - 159	29438	<.03	.5
410 - 160	29439	.38	.3

WIN-90  
E

WIN-92  
E

WIN-94  
E

S. Benischek  
Senja Benischek, Certified Assayer

September 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
410 - 161	29440	<.03	.3
410 - 162	29441	<.03	.3
410 - 163	29442	<.03	.4
410 - 164	29443	.11	.3
410 - 165	29444	.03	.5
410 - 166	29445	<.03	.5
410 - 167	29446	.02	.2
410 - 168	29447	.03	.5
410 - 169	29448	.26	.9
410 - 170	29449	2.40 ✓	.7
410 - 171	29450	.33	.6
410 - 172	29451	.06	.9
410 - 173	29452	.16	.8
410 - 174	29453	.49	.7
410 - 175	29454	.05	.9
410 - 176	29455	.13	.7
410 - 177	29456	<.03	.5
410 - 178	29457	<.03	.5
410 - 179	29458	<.03	.4
410 - 180	29459	<.03	.5
410 - 181	29460	<.03	.4
410 - 182	29461	.27	.8
410 - 183	29462	1.39 ✓	.7
410 - 184	29463	.56	.6
410 - 185	29464	10.40 ✓	7.4
410 - 186	29465	<.03	.4
410 - 187	29466	.13	.6
410 - 188	29467	.64	.9
410 - 189	29468	<.03	.5
410 - 190	29469	.03	.5
410 - 191	29470	.46	.5
410 - 192	29471	<.03	.7
410 - 193	29472	<.03	.3
410 - 194	29473	.11	.3
410 - 195	29474	.33	.4

WIN-94  
E

S. Benischek  
Sonja Benischek, Certified Assayer

September 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
410 - 196	29475	.53	.5
410 - 197	29476	<.03	.1
410 - 198	31630	<.03	.1
410 - 199	31631	<.03	.4
410 - 200	31632	<.03	.3
410 - 201	31633	<.03	.4
410 - 202	31634	<.03	.6
410 - 203	31635	<.03	.5
410 - 204	31636	.33	.4
410 - 205	31637	<.03	.3
410 - 206	31638	<.03	.6
410 - 207	31639	<.03	.5
410 - 208	31640	<.03	.6
410 - 209	31641	<.03	.6
410 - 210	31642	<.03	1.0
410 - 211	31643	<.03	1.3
410 - 212	31644	<.03	.8
410 - 213	31645	<.03	.6
410 - 214	31646	.07	1.0
410 - 215	31647	<.03	.5
410 - 216	31648	<.03	.8
410 - 217	31649	<.03	1.1
410 - 218	31650	<.03	1.0
410 - 219	31651	.07	2.2
410 - 220	"A" - NO TAG	<.03	.6
410 - 221	"B" - NO TAG	.03	.5

} WIN-94  
E

} WIN-90  
E

NOTE: &lt; = less than

S. Benischek  
 ECO-TECH LABORATORIES LTD.  
 Sonja Benischek,  
 B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
 c/o Greyhound  
 REVELSTOKE, B.C.  
 Attention: Pat Deveaux  
 "Held for Pickup"

Page 7 of 7





*PH*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

*04, 87*

August 20, 1987

*PH 86, 87*

CERTIFICATE OF ANALYSIS ETK 87-365

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 176 core samples received August 7, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
365 - 1	29020	<.03	.1
365 - 2	29021	<.03	.1
365 - 3	29022	.06	.1
365 - 4	29023	.05	<.1
365 - 5	29024	.05	.1
365 - 6	29025	.04	.1
365 - 7	29026	<.03	.1
365 - 8	29027	<.03	.2
365 - 9	29028	.04	.1
365 - 10	29029	.03	.2
365 - 11	29030	.04	.1
365 - 12	29031	.03	.1
365 - 13	29032	.03	.1
365 - 14	29033	.03	.1
365 - 15	29034	.03	.1
365 - 16	29035	<.03	.2
365 - 17	29036	<.03	.1
365 - 18	29037	.05	.1
365 - 19	29038	.03	<.1
365 - 20	29039	.03	.2

*WIN-86  
ENTREPRENEUR*

*S. Benischek*  
Sonja Benischek, Certified Assayer

August 17, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
365 - 21	29040	<.03	.1
365 - 22	29041	.04	.2
365 - 23	29042	<.03	.1
365 - 24	29043	<.03	.1
365 - 25	29044	<.03	.3
365 - 26	29045	.04	.1
365 - 27	29046	.04	.2
365 - 28	29047	.03	.2
365 - 29	29048	.03	.1
365 - 30	29049	<.03	.2
365 - 31	29050	.04	.3
365 - 32	29051	.04	.2
365 - 33	29052	<.03	<.1
365 - 34	29053	<.03	<.1
365 - 35	29054	<.03	.2
365 - 36	29055	.05	.1
365 - 37	29056	<.03	.2
365 - 38	29057	<.03	.1
365 - 39	29058	.03	.1
365 - 40	29059	.04	.1
365 - 41	29060	.06	.4
365 - 42	29061	.07	.4
365 - 43	29062	.07	.5
365 - 44	29063	.08	.6
365 - 45	29064	.06	.4
365 - 46	29065	.13	.9
365 - 47	29066	.13	.8
365 - 48	29067	.08	.4
365 - 49	29068	.10	<.1
365 - 50	29069	.05	<.1
365 - 51	29070	.09	.1
365 - 52	29071	.05	<.1
365 - 53	29072	.03	<.1
365 - 54	29073	<.03	<.1
365 - 55	29074	.04	.2

WIN-86  
ENTERED

S. Benischek  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
365 - 56	29075	.65	<.1
365 - 57	29076	.33	.7
365 - 58	29077	.13	.9
365 - 59	29078	1.52	1.2
365 - 60	29079	.21	.5
365 - 61	29080	1.01	.9
365 - 62	29081	.18	1.0
365 - 63	29082	.34	.7
365 - 64	29083	2.22	1.2
365 - 65	29084	1.98	.8
365 - 66	29085	.27	1.2
365 - 67	29086	.11	.6
365 - 68	29087	.03	.3
365 - 69	29088	1.67	.2
365 - 70	29089	.10	.8
365 - 71	29090	.18	.4
365 - 72	29091	.15	.1
365 - 73	29092	.03	<.1
365 - 74	29093	.04	<.1
365 - 75	29094	.05	.2
365 - 76	29095	.42	.4
365 - 77	29096	1.65	<.1
365 - 78	29097	.12	<.1
365 - 79	29098	.55	<.1
365 - 80	29099	.08	<.1
365 - 81	29100	.04	.4
365 - 82	29101	.08	.7
365 - 83	29102	.05	.8
365 - 84	29103	.10	.9
365 - 85	29104	.09	1.0
365 - 86	29105	.15	.8
365 - 87	29106	.30	.5
365 - 88	29107	.04	.3
365 - 89	29108	.06	.7
365 - 90	29109	.03	.4

*WIN-86  
ENTERED*

ETK#	Description	Au (g/t)	Ag (g/t)
365 - 91	29110	.10	1.1
365 - 92	29111	.10	.7
365 - 93	29112	.09	.9
365 - 94	29113	.04	.4
365 - 95	29114	.05	.3
365 - 96	29115	.04	.5
365 - 97	29116	6.94*	1.0
365 - 98	29117	.14	.6
365 - 99	29118	1.00	.9
365 - 100	29119	.05	.4
365 - 101	29120	.06	.4
365 - 102	29121	<.03	.4
365 - 103	29122	<.03	.3
365 - 104	29123	.05	.3
365 - 105	29124	.03	.3
365 - 106	29125	<.03	.4
365 - 107	29126	.03	.3
365 - 108	29127	<.03	.2
365 - 109	29128	<.03	.2
365 - 110	29129	<.03	.1
365 - 111	29130	.04	.6
365 - 112	29131	<.03	.3
365 - 113	29132	<.03	.4
365 - 114	29133	<.03	.2
365 - 115	29134	<.03	.1
365 - 116	28475	<.03	.3
365 - 117	28476	<.03	.3
365 - 118	28477	.05	.3
365 - 119	28478	.04	.3
365 - 120	28479	.08	.4
365 - 121	28480	.03	.2
365 - 122	28481	.04	.3
365 - 123	28482	.03	.8
365 - 124	28483	.08	.7
365 - 125	28484	.04	1.0

WIN-86  
ENTERED

WIN-87

ETK#	Description	Au (g/t)	Ag (g/t)
365 - 126	28485	.05	.9
365 - 127	28486	.05	.9
365 - 128	28487	<.03	.8
365 - 129	28488	<.03	.7
365 - 130	28489	.03	.5
365 - 131	28490	<.03	.8
365 - 132	28491	.03	.6
365 - 133	28492	.03	.9
365 - 134	28493	<.03	.1
365 - 135	28494	.03	.3
365 - 136	28495	.03	.4
365 - 137	28496	<.03	.3
365 - 138	28497	.05	.4
365 - 139	28498	.04	.2
365 - 140	28499	.04	.2
365 - 141	28500	.06	.4
365 - 142	28501	.04	.1
365 - 143	28502	.04	.1
365 - 144	28503	.05	.3
365 - 145	28504	.04	.2
365 - 146	28505	.03	.1
365 - 147	28506	.05	.2
365 - 148	28507	.06	.3
365 - 149	28508	.07	<.1
365 - 150	28509	.04	<.1
365 - 151	28510	.06	<.1
365 - 152	28511	.03	.2
365 - 153	28512	.04	.1
365 - 154	28513	.05	.4
365 - 155	28514	.11	.1
365 - 156	28515	.03	.1
365 - 157	<del>29522</del> 28522	.03	.4
365 - 158	29523	.04	.5
365 - 159	29524	<.03	.6
365 - 160	29525	<.03	.5

WIN-87  
ENTERED

WIN-94 ?  
WIN-87

S. Benischek  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
365 - 161	? 29526	<.03	.2
365 - 162	29527	.04	.4
365 - 163	29528	<.03	.2
365 - 164	29529	.07	.4
365 - 165	29530	<.03	.2
365 - 166	29531 ← 28531	.05	.3
365 - 167	29540	.13	.7
365 - 168	29541	.05	.5
365 - 169	29542	.11	.5
365 - 170	29543	.04	.4
365 - 171	29544	.05	.6
365 - 172	29545	.03	.3
365 - 173	29546	.03	.4
365 - 174	29547	.03	.2
365 - 175	29548	.03	.4
365 - 176	? 29549 28549	.11	.3

WIN-94 ?  
ENTERED ?  
WIN-87

**NOTE:** < = less than  
\* sample screened and metallics assayed

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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*Red*

11

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 1, 1987

CERTIFICATE OF ANALYSIS ETK 87-429

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 24 core samples received August 24, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
429 - 1	31828	.13	1.0
429 - 2	31829	.08	.8
429 - 3	31830	.03	.7
429 - 4	31831	.17	.7
429 - 5	31832	.04	.4
429 - 6	31833	.05	.6
429 - 7	31834	.03	.4
429 - 8	31835	.12	1.0
429 - 9	31836	.19	2.4
429 - 10	31837	.04	.4
429 - 11	31838	.39	2.1
429 - 12	31839	.05	.8
429 - 13	31840	.03	4.6
429 - 14	31841	.03	.6
429 - 15	31842	.03	1.5
429 - 16	31843	.07	1.0
429 - 17	31844	.30	1.2
429 - 18	31845	.03	.7
429 - 19	31846	.03	.6
429 - 20	31847	.38	1.2

*WIN-97*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

Granges Exploration

September 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
429 - 21	31848	10.30*	27.5
429 - 22	31849	.11	.5
429 - 23	31850	.19	.7
429 - 24	31851	1.58	1.7

WIN-97  
E

NOTE: < = less than

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jk

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



95, 96

*red*



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 9, 1987

CERTIFICATE OF ANALYSIS ETK 87-430

CLIENT: Branges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 176 core samples received August 24, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
430 - 1	29575	.95	.9
430 - 2	29576	.14	.2
430 - 3	29577	.03	.4
430 - 4	29578	<.03	<.1
430 - 5	29579	<.03	.2
430 - 6	29580	<.03	.3
430 - 7	29581	<.03	.1
430 - 8	29582	<.03	<.1
430 - 9	29583	1.28	1.6
430 - 10	29584	<.03	.5
430 - 11	29585	.60	1.2
430 - 12	29586	.35	.7
430 - 13	29587	.13	.5
430 - 14	29588	.06	.8
430 - 15	29589	.04	.4
430 - 16	29590	.10	.6
430 - 17	29591	.03	.5
430 - 18	29592	<.03	.5
430 - 19	29593	3.82	1.8
430 - 20	29594	4.85	.8

*WIN-95  
ENTRONEY*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

Granges Exploration

September 9, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
430 - 21	29595	.46	.7
430 - 22	29596	.34	.2
430 - 23	29597	.31	.8
430 - 24	29598	<.03	.6
430 - 25	29599	<.03	.4
430 - 26	31700	.46	.7
430 - 27	31701	.52	.5
430 - 28	31702	1.09	2.3
430 - 29	31703	.06	.4
430 - 30	31704	3.88	1.3
430 - 31	31705	1.03	.7
430 - 32	31706	7.43*	3.8
430 - 33	31707	1.71	1.4
430 - 34	31708	1.50	1.6
430 - 35	31709	10.90*	2.3
430 - 36	31710	4.20*	2.9
430 - 37	31711	.43	.5
430 - 38	31712	.44	.8
430 - 39	31713	.46	.9
430 - 40	31714	.91	.9
430 - 41	31715	11.10*	2.7
430 - 42	31716	.23	1.6
430 - 43	31717	.26	.9
430 - 44	31718	1.18	.9
430 - 45	31719	1.21	.9
430 - 46	31720	.44	.8
430 - 47	31721	.14	.5
430 - 48	31722	.20	.2
430 - 49	31723	3.72	1.1
430 - 50	31724	1.19	1.3
430 - 51	31725	2.80	1.5
430 - 52	31726	.47	.9
430 - 53	31727	.26	.5
430 - 54	31728	.04	<.1
430 - 55	31729	.02	<.1

} WIN-95

} WIN-96

S. Benischek  
 Sonja Benischek, Certified Assayer

ENTERED

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
430 - 56	31730	.08	<.1
430 - 57	31731	.05	.1
430 - 58	31732	.07	.3
430 - 59	31733	.03	<.1
430 - 60	31734	.04	<.1
430 - 61	31735	.14	<.1
430 - 62	31736	.46	<.1
430 - 63	31737	.14	.2
430 - 64	31738	.67	.1
430 - 65	31739	1.12	.5
430 - 66	31740	.04	<.1
430 - 67	31741	.42	<.1
430 - 68	31742	1.19	.5
430 - 69	31743	1.01	1.0
430 - 70	31744	.91	.8
430 - 71	31745	2.11	1.4
430 - 72	31746	2.01	1.3
430 - 73	31747	.29	.1
430 - 74	31748	.94	.6
430 - 75	31749	1.53	1.5
430 - 76	29600	.04	.1
430 - 77	29601	.04	<.1
430 - 78	29602	.05	<.1
430 - 79	29603	.04	<.1
430 - 80	29604	.05	<.1
430 - 81	29605	.04	<.1
430 - 82	29606	.12	.1
430 - 83	29607	.64	.1
430 - 84	29608	.75	.1
430 - 85	29609	.09	.6
430 - 86	29610	<.03	.1
430 - 87	29611	.10	1.3
430 - 88	29612	<.03	.2
430 - 89	29613	.12	.8
430 - 90	29614	.30	.6

WIN-96  
ENTERED

WIN-95  
ENTERED

*S. Benischek*

Sonja Benischek, Certified Assayer

<u>EJK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
430 - 91	29615	.09	.5
430 - 92	29616	2.36	1.7
430 - 93	29617	.31	.6
430 - 94	29618	1.29	.6
430 - 95	29619	5.95*	2.1
430 - 96	29620	1.69	.7
430 - 97	29621	1.17	1.5
430 - 98	29622	17.30*	.5
430 - 99	29623	.19	.6
430 - 100	29624	.07	1.4
430 - 101	31750	1.27	1.3
430 - 102	31751	1.72	1.1
430 - 103	31752	.40	1.5
430 - 104	31753	2.89*	2.6
430 - 105	31754	1.53	1.0
430 - 106	31755	.76	1.0
430 - 107	31756	.72	.7
430 - 108	31757	<.03	.6
430 - 109	31758	<.03	.1
430 - 110	31759	.04	.3
430 - 111	31760	<.03	.4
430 - 112	31761	.09	.3
430 - 113	31762	<.03	.2
430 - 114	31763	<.03	<.1
430 - 115	31764	<.03	.1
430 - 116	31765	<.03	.2
430 - 117	31766	<.03	.3
430 - 118	31767	<.03	.3
430 - 119	31768	.05	.4
430 - 120	31769	.04	.3
430 - 121	31770	.03	.2
430 - 122	31771	.03	.3
430 - 123	31772	.05	.5
430 - 124	31773	.11	.8
430 - 125	31774	<.03	.3

WIN-95  
ENTERED

WIN-96  
ENTERED

S. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
430 - 126	29625	.16	2.3
430 - 127	29626	.10	1.1
430 - 128	29627	.71	1.1
430 - 129	29628	3.89*	1.5
430 - 130	29629	.16	1.6
430 - 131	29630	.13	1.5
430 - 132	29631	.13	1.7
430 - 133	29632	.17	1.5
430 - 134	29633	23.32*	2.9
430 - 135	29634	.86	1.8
430 - 136	29635	.60	1.8
430 - 137	29636	.15	1.1
430 - 138	29637	.16	1.0
430 - 139	29638	.09	1.0
430 - 140	29639	<.03	.3
430 - 141	29640	<.03	.6
430 - 142	29641	.06	.7
430 - 143	29642	<.03	.6
430 - 144	29643	<.03	.3
430 - 145	29644	.05	.9
430 - 146	29645	<.03	.2
430 - 147	29646	<.03	.3
430 - 148	29647	<.03	.5
430 - 149	29648	.05	.3
430 - 150	29649	.03	.7
430 - 151	31775	.05	.4
430 - 152	31776	.05	.5
430 - 153	31777	.03	.4
430 - 154	31778	.10	.7
430 - 155	31779	.07	.6
430 - 156	31780	<.03	.3
430 - 157	31781	<.03	.2
430 - 158	31782	.07	.4
430 - 159	31783	.08	.3
430 - 160	31784	.06	.7

WIN-95  
ENTERED

WIN-96  
ENTERED

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

September 9, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
430 - 161	31785	.07	.2
430 - 162	31786	.04	<.1
430 - 163	31787	<.03	<.1
430 - 164	31788	<.03	.1
430 - 165	31789	<.03	<.1
430 - 166	31790	<.03	<.1
430 - 167	31791	.11	.7
430 - 168	31792	.06	.1
430 - 169	31793	.22	.7
430 - 170	31794	3.24	5.2
430 - 171	31795	19.10*	5.0
430 - 172	31796	3.45	2.7
430 - 173	31797	.23	1.1
430 - 174	31798	.19	.9
430 - 175	31799	.27	.7
430 - 176	31275	.13	.8

WN-96  
ENTERED

NOTE: < = less than  
\* sample screened & metallics assayed

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 6 of 6



*pd*

95, 96, 97, 98

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 8, 1987

CERTIFICATE OF ANALYSIS ETK 87-440

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 172 rock samples received August 26, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
440 - 1	31272	.31	.2
440 - 2	31273	.19	.2
440 - 3	31274	.40	.3
440 - 4	31275	.17	.1
440 - 5	31277	.08	.2
440 - 6	31278	.10	.3
440 - 7	31279	.08	.4
440 - 8	31280	.11	.5
440 - 9	31281	.08	.2
440 - 10	31800	.16	.1
440 - 11	31801	.10	.3
440 - 12	31802	.11	.6
440 - 13	31803	.23	.8
440 - 14	31804	.14	.6
440 - 15	31805	.11	.3
440 - 16	31806	.34	.5
440 - 17	31807	.10	.6
440 - 18	31808	1.29	3.0
440 - 19	31809	5.30	3.0
440 - 20	31810	.16	.4

*WIN-96  
ENTERED*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

September 8, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
440 - 21	31811	.25	.9
440 - 22	31812	.11	.9
440 - 23	31813	.20	1.3
440 - 24	31814	.27	1.6
440 - 25	31868	.14	.5
440 - 26	31869	.17	.8
440 - 27	31870	.18	.2
440 - 28	31871	.35	.7
440 - 29	31872	.22	.2
440 - 30	31873	.23	.4
440 - 31	31874	.09	.2
440 - 32	31875	.44	<.1
440 - 33	31876	1.18	.1
440 - 34	31877	.22	.2
440 - 35	31878	.08	.1
440 - 36	31879	1.40	.6
440 - 37	31880	.98	1.0
440 - 38	31881	.44	.3
440 - 39	31882	.26	.1
440 - 40	31883	.68	.2
440 - 41	31884	.27	.4
440 - 42	31885	.38	.3
440 - 43	31886	.44	.5
440 - 44	31887	.93	.4
440 - 45	31888	2.55	.2
440 - 46	31889	8.40	1.3
440 - 47	31890	1.01	<.1
440 - 48	31891	1.35	.1
440 - 49	31892	2.83	.7
440 - 50	31893	1.52	.7
440 - 51	31815	.32	.4
440 - 52	31816	.24	<.1
440 - 53	31817	.05	4.7
440 - 54	31818	.26	.3
440 - 55	31819	.18	.1

WIN-96  
EW-97  
EWIN-96  
ES. Benischek

Sonja Benischek, Certified Assayer



ETK#	Description	Au (g/t)	Ag (g/t)	
440 - 56	31820	.24	<.1	WIN-96 E
440 - 57	31821	.14	.1	
440 - 58	31822	.20	.1	
440 - 59	31823	.45	.4	
440 - 60	31824	.43	.2	
440 - 61	31825	.35	.6	
440 - 62	31826	.17	<.1	
440 - 63	31827	.21	.3	
440 - 64	29650	.23	.5	
440 - 65	29651	.16	<.1	
440 - 66	29652	.18	.6	WIN-95 E
440 - 67	29653	.12	<.1	
440 - 68	29654	.13	.3	
440 - 69	29655	.24	.4	
440 - 70	29656	.20	.8	
440 - 71	29657	.15	.3	
440 - 72	29658	.18	.2	
440 - 73	29659	.14	.3	
440 - 74	29660	.15	.4	
440 - 75	29690	.26	1.1	
440 - 76	29691	.23	1.0	WIN-98 E
440 - 77	29692	.22	.5	
440 - 78	29693	.67	1.8	
440 - 79	29694	.91	.2	
440 - 80	29695	.64	.2	
440 - 81	29696	.27	<.1	
440 - 82	29697	2.94	.6	
440 - 83	29698	.39	.7	
440 - 84	29699	1.22	1.0	
440 - 85	29700	.06	.6	
440 - 86	29701	.31	1.7	WIN-97 E
440 - 87	31852	.22	1.4	
440 - 88	31853	.21	1.6	
440 - 89	31854/31855	<.03	.3	
440 - 90	31856	.12	2.8	

B. Benischek  
 Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
440 - 91	31857	.12	1.0
440 - 92	31858	.08	.7
440 - 93	31859	.07	.8
440 - 94	31860	.05	.9
440 - 95	31861	.07	.7
440 - 96	31862	.06	.8
440 - 97	31863	.16	.4
440 - 98	31864	.25	.3
440 - 99	31865	.14	.3
440 - 100	31866	.16	.3
440 - 101	29661	.12	.4
440 - 102	29662	.14	.5
440 - 103	29663	.09	.3
440 - 104	29664	<.03	.3
440 - 105	29665	<.03	.1
440 - 106	29666	<.03	.2
440 - 107	29667	.03	.5
440 - 108	29668	.08	.2
440 - 109	29669	.04	.2
440 - 110	29670	.05	.1
440 - 111	29671	.09	.3
440 - 112	29672	.11	.2
440 - 113	29673	.08	.2
440 - 114	29674	.09	<.1
440 - 115	29675	.06	.2
440 - 116	29676	.08	.3
440 - 117	29677	.09	.4
440 - 118	29678	.08	.2
440 - 119	29679	.04	.3
440 - 120	29680	.12	.3
440 - 121	29681	.15	.6
440 - 122	29682	.07	.4
440 - 123	29683	.05	.5
440 - 124	29684	.03	.4
440 - 125	29685	.05	<.1

WIN 97  
E

WIN 95  
E

S. Benischek  
Sonja Benischek, Certified Assayer

September 8, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
440 - 126	29686	.03	.2
440 - 127	29687	<.03	.1
440 - 128	29688	.06	.3
440 - 129	29689	.07	.2
440 - 130	29690	.06	.3
440 - 131	31894	.56	.7
440 - 132	31895	1.27	1.6
440 - 133	31896	1.38	2.1
440 - 134	31897	.20	.7
440 - 135	31898	.28	.9
440 - 136	31899	.21	1.3
440 - 137	31900	.47	2.4
440 - 138	31901	.21	1.0
440 - 139	31902	.16	.9
440 - 140	31903	.20	1.1
440 - 141	31904	.19	1.4
440 - 142	31806	.21	1.2
440 - 143	31950	.22	1.5
440 - 144	31951	.23	1.4
440 - 145	31952	.17	.7
440 - 146	31953	.18	.9
440 - 147	31954	.25	.4
440 - 148	31955	.36	1.0
440 - 149	31956	.26	.8
440 - 150	31957	.16	.5
440 - 151	31958	.11	.2
440 - 152	31959	.13	.4
440 - 153	31960	.24	.3
440 - 154	31961	.19	.2
440 - 155	31962	.22	1.3
440 - 156	31963	.20	.5
440 - 157	31964	.78	.8
440 - 158	31965	.29	.7
440 - 159	31966	.30	.9
440 - 160	31967	1.71	1.6

WIN-95  
EWIN-97  
E


B. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

September 8, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
440 - 161	31968	.95	3.7
440 - 162	31969	1.65	4.5
440 - 163	31970	.38	1.3
440 - 164	31971	.22	.9
440 - 165	31972	.38	1.2
440 - 166	31973	.18	.6
440 - 167	31974	.10	.2
440 - 168	31975	.09	.2
440 - 169	31976	.12	.6
440 - 170	31977	.13	.5
440 - 171	31978	.11	.4
440 - 172	31979	.13	.7

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jk

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 6 of 6

32864 - 32879

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**ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 6, 1987

CERTIFICATE OF ANALYSIS ETK 87-614

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

WINDFLOWER SLUDGE

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 63 sludge samples received October 26, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>
HOLE 1281		
614 - 1	32864	.05
614 - 2	32865	.14
614 - 3	32866	<.03
614 - 4	32867	.03
614 - 5	32868	<.03
614 - 6	32869	.05
614 - 7	32870	.04
614 - 8	32871	.03
614 - 9	32872	.04
614 - 10	32873	.12
614 - 11	32874	.07
614 - 12	32875	.22
614 - 13	32876	.05
614 - 14	32877	.84
614 - 15	32878	.09
614 - 16	32879	.06
614 - 17	32880	.07
614 - 18	32881 ←	.28
614 - 19	30295	.05
614 - 20	30296	.06

E

S. Benischek  
Sonja Benischek, Certified Assayer

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>
614 - 21	30297	<.03
614 - 22	30298	.06
614 - 23	30298A	<.03
614 - 24	30298B	.06
614 - 25	32850	<.03
614 - 26	32851	.08
614 - 27	32852	<.03
614 - 28	32853	.07
614 - 29	32854	.03
614 - 30	32855	.25
614 - 31	32856	.03
614 - 32	32857	.03
614 - 33	32858	.10
614 - 34	32859	.15
614 - 35	32860	.09
614 - 36	32861	.04
614 - 37	32862	11.20
614 - 38	32863	1.29
614 - 39	32800	.25
614 - 40	32801	.06
614 - 41	32802	.05
614 - 42	32803	.08
614 - 43	32804	.08
614 - 44	32805	.03
614 - 45	32882	.11
614 - 46	32883	.14
614 - 47	32884	.03
614 - 48	32885	.07
614 - 49	32886	.03
614 - 50	32887	<.03
614 - 51	32888	.03
614 - 52	32889	.03
614 - 53	32890	.03
614 - 54	32891	.06
614 - 55	32892	1.17

WIN-128  
SLUDGE  
ENTERED


E

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>
614 - 56	32893	.33
614 - 57	32894	.48
614 - 58	32895	.11
614 - 59	32896	.21
614 - 60	32897	.06
614 - 61	32898	.87
614 - 62	32899	.18
614 - 63	HOLE 128 575-585	.03



NOTE: < = less than

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SE/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



*pd*

WIN - 93

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 10, 1987

CERTIFICATE OF ANALYSIS ETK 87-456

CLIENT: Oranges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 29 core samples received August 31, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
HOLE 93			
456 - 1	28781	.07	.2
456 - 2	28782	.08	.1
456 - 3	28783	.04	.1
456 - 4	28784	.05	.1
456 - 5	28785	.04	.1
456 - 6	28786	.03	<.1
456 - 7	28787	.05	<.1
456 - 8	28788	.07	.2
456 - 9	28789	.42	.1
456 - 10	28790	.22	.1
456 - 11	28791	.19	.1
456 - 12	28792	.15	<.1
456 - 13	28793	.13	.2
456 - 14	28794	.10	.2
456 - 15	28795	.11	.1
456 - 16	28796	.16	.3
456 - 17	28797	.09	.1
456 - 18	28798	.08	.2
456 - 19	28799	.12	.2
456 - 20	28800	1.02	.1

*E*

S. Benischek  
Sonja Benischek, Certified Assayer



Granges Exploration

September 10, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
456 - 21	28801	.20	.1
456 - 22	28802	.13	.1
456 - 23	28803	.12	<.1
456 - 24	28804	.10	.1
456 - 25	28805	.11	.1
456 - 26	28807	.35	.3
456 - 27	28808	2.85	.7
456 - 28	28809	63.70*	11.6
456 - 29	28810	85.10*	24.5

E  
/

NOTE: < = less than  
\* sample screened and metallics assayed.

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jk

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



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*WIN 70, 84*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 1, 1987

CERTIFICATE OF ANALYSIS ETK 87-412

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 132 core samples received August 18, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
<b>HOLE 94</b>			
412 - 1	29477	<.03	.3
412 - 2	29478	.11	.4
412 - 3	29479	5.60	7.2
412 - 4	29480	.98	1.0
412 - 5	29481	59.20	24.0
412 - 6	29482	.45	.2
412 - 7	29483	2.00	1.8
412 - 8	29484	16.00	13.6
412 - 9	29485	.07	.3
412 - 10	29486	.20	.3
412 - 11	29487	.18	1.0
412 - 12	29488	1.30	1.0
412 - 13	29489	1.51	.7
412 - 14	29490	.10	.4
412 - 15	29491	<.03	1.0
412 - 16	29492	.21	1.1
412 - 17	29493	<.03	.4
412 - 18	29494	.64	1.9
412 - 19	29495	.13	.7
412 - 20	29496	.10	.8

*E*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

## Granges Exploration

August 24, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 21	29497	<.03	.3
412 - 22	29498	<.03	.2
412 - 23	29499	<.03	.6
412 - 24	29500	<.03	.3
412 - 25	29501	<.03	.4
412 - 26	29502	<.03	1.9
412 - 27	29503	.07	.2
412 - 28	29504	.06	.3
412 - 29	29505	.09	.3
412 - 30	29506	.05	.3
412 - 31	29507	.09	.2
412 - 32	29508	.78	.9
412 - 33	29509	.15	.2
412 - 34	29510	.23	.3
412 - 35	29511	.08	.6
412 - 36	29512	.05	.2
412 - 37	29513	.07	1.0
412 - 38	29514	.36	.4
412 - 39	29515	.45	.2
412 - 40	29516	.18	.1
412 - 41	29517	.22	.2
412 - 42	29518	.10	.3
412 - 43	29519	.14	.3
412 - 44	29520	.05	.5
412 - 45	29521	.10	2.7
412 - 46	29522	.16	.6
412 - 47	29523	.06	.1
412 - 48	29524	.09	.2
412 - 49	29525	2.21	1.1
412 - 50	29526	.11	.2
412 - 51	29527	.08	.2
412 - 52	29528	.08	.2
412 - 53	29529	1.06	2.8
412 - 54	29530	1.09	.7
412 - 55	29531	2.60	1.0

*S. Benischek*  
 Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 56	29532	1.16	.8
412 - 57	29533	.26	.4
412 - 58	29534	.70	1.1
412 - 59	29535	.24	1.1
412 - 60	29536	.20	.4
412 - 61	29537	<.03	.3
412 - 62	29538	.11	.7
412 - 63	29539	<.03	.3
412 - 64	29540	<.03	.5
412 - 65	29541	.04	1.0
412 - 66	29542	<.03	.2
412 - 67	29543	.03	.2
412 - 68	29544	.71	.2
412 - 69	29545	.73	.2
412 - 70	29546	.12	.1
412 - 71	29547	.08	.1
412 - 72	29548	.07	.2
412 - 73	29549	.05	.2
412 - 74	29550	.05	.1
412 - 75	29551	.03	.1
412 - 76	29552	.07	.2
412 - 77	29553	<.03	.2
412 - 78	29554	.09	.2
412 - 79	29555	.07	.2
412 - 80	29556	.14	.3
412 - 81	29557	.08	.3
412 - 82	29558	.07	.3
412 - 83	29559	.04	.4
412 - 84	29560	.05	.1
412 - 85	29561	.06	.3
412 - 86	29562	.03	.3
412 - 87	29563	.04	.3
412 - 88	29564	.11	.2
412 - 89	29565	.55	.5
412 - 90	29566	.14	.3

E

S. Benischek  
Sonja Benischek, Certified Assayer

## Granges Exploration

September 1, 1987

<u>EIK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 91	29567	.05	.2
412 - 92	29568	.05	.2
412 - 93	29569	.04	.4
412 - 94	29570	.07	.3
412 - 95	29571	.07	.7
412 - 96	29572	.12	.2
412 - 97	29573	.07	.1
412 - 98	29574	.08	.3
HOLE 90			
412 - 99	31652	.14	1.3
412 - 100	31653	.17	1.5
412 - 101	31654	.10	.6
412 - 102	31655	.14	1.3
412 - 103	31656	.10	.8
412 - 104	31657	.11	1.0
412 - 105	31658	.14	.8
412 - 106	31659	.19	1.3
412 - 107	31660	.15	1.0
412 - 108	31661	.15	.9
412 - 109	31662	.03	1.0
412 - 110	31663	.13	1.3
412 - 111	31664	.04	1.2
412 - 112	31665	<.03	1.0
412 - 113	31666	.04	1.2
412 - 114	31667	.07	1.2
412 - 115	31668	.04	.5
412 - 116	31669	<.03	.5
412 - 117	31670	<.03	.3
412 - 118	31671	.03	.1
412 - 119	31672	.08	.4
412 - 120	31673	.04	.1
412 - 121	31674	<.03	.1
412 - 122	31675	.04	.1
412 - 123	31676	.04	.1
412 - 124	31677	.07	.3
412 - 125	31678	.05	.2

Eco-Tech

LABORATORIES


  
 Senja Benischek, Certified Assayer

Granges Exploration

September 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 126	31679	.03	.2
412 - 127	31680	<.03	.1
412 - 128	31681	<.03	.1
412 - 129	31682	.09	.3
412 - 130	31683	.09	.1
412 - 131	31684	.11	.5
412 - 132	31685	.12	.5

NOTE: < = less than

*S. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 5 of 5



*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 1, 1987

*DO NOT USE THIS  
SEE REVISED COPY  
CERTIFICATE OF ANALYSIS ETK 87-412*

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitneff

SAMPLE IDENTIFICATION: 132 core samples received August 18, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
HOLE 94			
412 - 1	29477	4.03	.3
412 - 2	29478	.11	.4
412 - 3	29479	5.60	7.2
412 - 4	29480	.98	1.0
412 - 5	29481	59.20	24.0
412 - 6	29482	.45	.2
412 - 7	29483	2.00	1.8
412 - 8	29484	16.00	13.6
412 - 9	29485	.07	.3
412 - 10	29486	.20	.3
412 - 11	29487	.18	1.0
412 - 12	29488	1.30	1.0
412 - 13	29489	1.51	.7
412 - 14	29490	.10	.4
412 - 15	29491	4.03	1.0
412 - 16	29492	.21	1.1
412 - 17	29493	4.03	.4
412 - 18	29494	.64	1.9
412 - 19	29495	.13	.7
412 - 20	29496	.10	.8

*S. Benischek*  
Sonja Benischek, Certified Assayer

## Granges Exploration

August 24, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 21	29497	<.03	.3
412 - 22	29498	<.03	.2
412 - 23	29499	<.03	.6
412 - 24	29500	<.03	.3
412 - 25	29501	<.03	.4
412 - 26	29502	<.03	1.9
412 - 27	29503	.07	.2
412 - 28	29504	.06	.3
412 - 29	29505	.09	.3
412 - 30	29506	.05	.3
412 - 31	29507	.09	.2
412 - 32	29508	.78	.9
412 - 33	29509	.15	.2
412 - 34	29510	.23	.3
412 - 35	29511	.08	.6
412 - 36	29512	.05	.2
412 - 37	29513	.07	1.0
412 - 38	29514	.36	.4
412 - 39	29515	.45	.2
412 - 40	29516	.18	.1
412 - 41	29517	.22	.2
412 - 42	29518	.10	.3
412 - 43	29519	.14	.3
412 - 44	29520	.05	.5
412 - 45	29521	.10	2.7
412 - 46	29522	.16	.6
412 - 47	29523	.06	.1
412 - 48	29524	.09	.2
412 - 49	29025	2.21	1.1
412 - 50	29026	.11	.2
412 - 51	29027	.08	.2
412 - 52	29028	.08	.2
412 - 53	29029	1.06	2.8
412 - 54	29030	1.09	.7
412 - 55	29031	2.60	1.0

S. Benischek  
Sonja Benischek, Certified Assayer



## Granges Exploration

September 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 56	29032	1.16	.8
412 - 57	29033	.26	.4
412 - 58	29034	.70	1.1
412 - 59	29035	.24	1.1
412 - 60	29036	.20	.4
412 - 61	29037	<.03	.3
412 - 62	29038	.11	.7
412 - 63	29039	<.03	.3
412 - 64	29040	<.03	.5
412 - 65	29041	.04	1.0
412 - 66	29042	<.03	.2
412 - 67	29043	.03	.2
412 - 68	29044	.71	.2
412 - 69	29045	.73	.2
412 - 70	29046	.12	.1
412 - 71	29047	.08	.1
412 - 72	29048	.07	.2
412 - 73	29049	.05	.2
412 - 74	29050	.05	.1
412 - 75	29051	.03	.1
412 - 76	29052	.07	.2
412 - 77	29053	<.03	.2
412 - 78	29054	.09	.2
412 - 79	29055	.07	.2
412 - 80	29056	.14	.3
412 - 81	29057	.08	.3
412 - 82	29058	.07	.3
412 - 83	29059	.04	.4
412 - 84	29060	.05	.1
412 - 85	29061	.06	.3
412 - 86	29062	.03	.3
412 - 87	29063	.04	.3
412 - 88	29064	.11	.2
412 - 89	29065	.55	.5
412 - 90	29066	.14	.3

S. Benischek  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
412 - 91	29067	.05	.2
412 - 92	29068	.05	.2
412 - 93	29069	.04	.4
412 - 94	29070	.07	.3
412 - 95	29071	.07	.7
412 - 96	29072	.12	.2
412 - 97	29073	.07	.1
412 - 98	29074	.08	.3
HOLE 90			
412 - 99	31652	.14	1.3
412 - 100	31653	.17	1.5
412 - 101	31654	.10	.6
412 - 102	31655	.14	1.3
412 - 103	31656	.10	.8
412 - 104	31657	.11	1.0
412 - 105	31658	.14	.8
412 - 106	31659	.19	1.3
412 - 107	31660	.15	1.0
412 - 108	31661	.15	.9
412 - 109	31662	.03	1.0
412 - 110	31663	.13	1.3
412 - 111	31664	.04	1.2
412 - 112	31665	<.03	1.0
412 - 113	31666	.04	1.2
412 - 114	31667	.07	1.2
412 - 115	31668	.04	.5
412 - 116	31669	<.03	.5
412 - 117	31670	<.03	.3
412 - 118	31671	.03	.1
412 - 119	31672	.08	.4
412 - 120	31673	.04	.1
412 - 121	31674	<.03	.1
412 - 122	31675	.04	.1
412 - 123	31676	.04	.1
412 - 124	31677	.07	.3
412 - 125	31678	.05	.2

*S. Benischek*  
 -----  
 Sonja Benischek, Certified Assayer

Granges Exploration

September 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
412 - 126	31679	.03	.2
412 - 127	31680	<.03	.1
412 - 128	31681	<.03	.1
412 - 129	31682	.09	.3
412 - 130	31683	.09	.1
412 - 131	31684	.11	.5
412 - 132	31685	.12	.5

NOTE: < = less than

*S. Benischek*

-----  
ECD-TECH LABORATORIES LTD.

Sonja Benischek,

B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 5 of 5



win-93

Paid

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 16, 1987

CERTIFICATE OF ANALYSIS ETK 87-464

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 40 core samples received September 3, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
NO HOLE NO. (sample wasn't shown on Shipment Notice)			
464 - 1	28806	.07	.6
HOLE 93			
464 - 2	28811	12.35*	14.1
464 - 3	28812	.17	.3
464 - 4	28813	<.03	.2
464 - 5	28814	.04	.2
464 - 6	28815	.13	1.4
464 - 7	28816	.09	.8
464 - 8	28817	.10	.7
464 - 9	28818	.12	1.1
464 - 10	28819	.14	.3
464 - 11	28820	.29	.2
464 - 12	28821	.25	.4
464 - 13	28822	.38	.4
464 - 14	28823	1.25	.9
464 - 15	28824	.20	.3
464 - 16	28825	.18	.3
464 - 17	28826	.26	.2
464 - 18	28827	.35	.1
464 - 19	28828	.15	.2
464 - 20	28829	2.96	4.7

S. Benischek  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
464 - 21	28830	1.01	.7
464 - 22	28831	.11	.2
464 - 23	28832	.09	.3
464 - 24	28833	<.03	.2
464 - 25	28834	<.03	.3
464 - 26	28835	<.03	.1
464 - 27	28836	<.03	.3
464 - 28	28837	<.03	.3
464 - 29	28838	.05	.1
464 - 30	28839	54.90*	23.1
464 - 31	28840	.96	.7
464 - 32	28841	1.00	.8
464 - 33	28842	.09	.4
464 - 34	28843	.07	.3
464 - 35	28844	.04	.4
464 - 36	28845	.35	6.7
464 - 37	28846	.11	2.6
464 - 38	28847	.12	18.2
464 - 39	28848	.20	2.3
464 - 40	28849	.23	.4

NOTE: < = less than

\* sample screened & metallics assayed

*S. Benischek*  
 -----  
 ECO-TECH LABORATORIES LTD.  
 Sonja Benischek,  
 B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
 c/o Greyhound  
 REVELSTOKE, B.C.  
 Attention: Pat Deveaux  
 "Hold for Pickup"

Page 2 of 2

WIN-110, 88

*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING



10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

SEPT.  
August 24, 1987 ?

CERTIFICATE OF ANALYSIS ETK 87-493

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 46 core samples received September 15, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
493 - 1	5801	.05	.4
493 - 2	5802	.03	.2
493 - 3	5803	.04	<.1
493 - 4	5804	.03	.1
493 - 5	5805	<.03	<.1
493 - 6	5806	.03	.1
493 - 7	5807	<.03	<.1
493 - 8	5808	.04	.1
493 - 9	5809	<.03	<.1
493 - 10	5810	.23	.8
493 - 11	5811	.27	.4
493 - 12	5812	1.33	1.1
493 - 13	5813	1.85	.8
493 - 14	5814	.66	.7
493 - 15	5815	.42	.1
493 - 16	5816	.29	7.7
493 - 17	5817	.68	2.5
493 - 18	5818	.04	.2
493 - 19	57500	.03	.3
493 - 20	57501	.04	.2

} WIN-88

*Sonja Benischek*  
Sonja Benischek, Certified Assayer

Granges Exploration

September 21, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
493 - 21	57502	.06	.3
493 - 22	57503	.07	.2
493 - 23	57504	<.03	.3
493 - 24	57505	.07	.1
493 - 25	57506	.06	.3
493 - 26	57507	.07	.2
493 - 27	57508	.08	.1
493 - 28	57509	.06	.2
493 - 29	57510	.06	.3
493 - 30	57511	.09	.3
493 - 31	57512	.03	.2
493 - 32	57513	.06	.3
493 - 33	57514	.06	.2
493 - 34	57515	.04	.3
493 - 35	57516	.06	.3
493 - 36	57517	.06	.6
493 - 37	57518	.15	.4
WIN-110 493 - 38	57519	.10	.2
493 - 39	57520	.10	<.1
493 - 40	57521	.07	.1
493 - 41	57522	.06	<.1
493 - 42	57523	.11	.7
493 - 43	57524	.09	.2
493 - 44	57525	.06	.2
493 - 45	57526	.04	.2
493 - 46	57527	.08	.1

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.

Sanja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



WIN-97, 100, 101, 93  
 90, 99  
 ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

September 16, 1987

CERTIFICATE OF ANALYSIS ETK 87-457

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 184 core samples received August 31, 1987  
 PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
HOLE 100			
457 - 1	28954	1.38	1.1
HOLE 101			
457 - 2	28955	.06	<.1
457 - 3	28956	.10	<.1
457 - 4	28957	.10	.2
457 - 5	28958	.15	1.4
457 - 6	28959	.34	.9
457 - 7	28960	.18	.7
457 - 8	28961	.06	<.1
457 - 9	28962	.12	<.1
457 - 10	28963	.04	<.1
457 - 11	28964	<.03	<.1
457 - 12	28965	<.03	<.1
457 - 13	28966	.15	<.1
457 - 14	28967	.07	.2
457 - 15	28968	.08	.2
457 - 16	28969	1.20	.9
457 - 17	28970	2.73	1.1
457 - 18	28971	.07	<.1
457 - 19	28972	.04	<.1
457 - 20	28973	.05	<.1

*E*

S. Benischek  
 Sonja Benischek, Certified Assayer



September 16, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
457 - 21	28974	.05	<.1
457 - 22	28975	.06	<.1
457 - 23	28976	.48	<.1
457 - 24	28977	.05	<.1
457 - 25	28978	.03	.2
457 - 26	28979	.04	<.1
HOLE 97			
457 - 27	31980	.09	<.1
457 - 28	31981	.17	.2
HOLE 100			
457 - 29	31982	.11	<.1
457 - 30	31983	.16	<.1
457 - 31	31984	.31	<.1
457 - 32	31985	.23	<.1
457 - 33	31986	.16	<.1
457 - 34	31987	.27	1.4
457 - 35	31988	.11	<.1
457 - 36	31989	.04	<.1
457 - 37	31990	.04	.2
457 - 38	31991	.05	<.1
457 - 39	31992	.16	<.1
457 - 40	31993	.05	<.1
457 - 41	31994	.09	.6
457 - 42	31995	.60	.5
457 - 43	31996	1.34	.4
457 - 44	31997	.47	.4
457 - 45	31998	.31	.5
457 - 46	31999	.12	<.1
457 - 47	28950	2.28	.3
457 - 48	28951	2.04	1.0
457 - 49	28952	.25	.3
457 - 50	28953	2.19	2.9
HOLE 93			
457 - 51	28729	.30	.3
457 - 52	28730	.40	.3
457 - 53	28731	.21	.4
457 - 54	28732	.29	.5
457 - 55	28733	.09	<.1

*S. Benischek*  
 Sonja Benischek, Certified Assayer

September 16, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
457 - 56	28734	.37	.1
457 - 57	28735	.14	<.1
457 - 58	28736	.29	.4
457 - 59	28737	.46	.1
457 - 60	28738	.12	.3
457 - 61	28739	.09	.2
457 - 62	28740	.07	<.1
457 - 63	28741	.08	.3
457 - 64	28742	.07	.1
457 - 65	28743	.09	.2
457 - 66	28744	.06	.2
457 - 67	28745	.06	<.1
457 - 68	28746	.03	<.1
457 - 69	28747	.06	.1
457 - 70	28748	.04	.1
457 - 71	28749	.06	.3
457 - 72	28750	.07	.2
457 - 73	28751	.07	.3
457 - 74	28752	.06	.4
457 - 75	28753	.05	.2
457 - 76	28694	.04	.2
457 - 77	28695	.52	<.1
457 - 78	28696	.05	.3
457 - 79	28697	.06	.3
457 - 80	28698	.03	.2
457 - 81	28699	.02	.1
457 - 82	28700	.15	.2
457 - 83	28701	.07	.3
457 - 84	28702	.06	.5
457 - 85	28703	.05	.3
457 - 86	28704	.06	.2
457 - 87	28705	.04	.1
457 - 88	28706	.04	.2
457 - 89	28707	2.00	.6
457 - 90	28708	.24	.2

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## Granges Exploration

September 16, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
457 - 91	28709	.46	.3
457 - 92	28710	.05	.1
457 - 93	28711	.21	.1
457 - 94	28712	.50	<.1
457 - 95	28713	.21	.1
457 - 96	28714	.07	.1
457 - 97	28715	.10	.3
457 - 98	28716	.09	.1
457 - 99	28717	.51	.3
457 - 100	28718	.51	.7
457 - 101	28719	.11	.3
457 - 102	28720	.16	.5
457 - 103	28721	.08	.2
457 - 104	28722	.16	.6
457 - 105	28723	.19	.3
457 - 106	28724	.08	.3
457 - 107	28725	.05	.2
457 - 108	28726	.10	.5
457 - 109	28727	.07	.4
457 - 110	28728	.09	.4
HOLE 90			
457 - 111	31686	.05	.3
457 - 112	31687	.04	.2
457 - 113	31688	.06	.1
457 - 114	31689	.06	.2
457 - 115	31690	.05	.2
457 - 116	31691	.04	.2
457 - 117	31692	.25	.1
457 - 118	31693	.17	.2
457 - 119	31694	.04	.1
457 - 120	31695	.10	<.1
457 - 121	31696	.11	.2
457 - 122	31697	.08	<.1
457 - 123	31698	.06	<.1
457 - 124	31699	.10	<.1
HOLE 99			
457 - 125	29702	.08	.2

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<u>EIK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
HOLE 99			
457 - 126	29703	.08	1.5
457 - 127	29704	.17	.9
457 - 128	29705	.05	.3
457 - 129	29706	.07	.1
457 - 130	29707	.13	.6
457 - 131	29708	.17	1.1
457 - 132	29709	.12	.4
HOLE 93			
457 - 133	28754	.20	<.1
457 - 134	28755	.06	<.1
457 - 135	28756	.06	.1
457 - 136	28757	.07	.1
457 - 137	28758	.05	.1
457 - 138	28759	.03	<.1
457 - 139	28760	.04	<.1
457 - 140	28761	.10	.2
457 - 141	28762	.06	.1
457 - 142	28763	.15	.2
457 - 143	28764	.17	.2
457 - 144	28765	.09	.1
457 - 145	28766	.09	.3
457 - 146	28767	.12	<.1
457 - 147	28768	.07	.1
457 - 148	28769	.09	.1
457 - 149	28770	.08	.3
457 - 150	28771	.05	.1
457 - 151	28772	.07	<.1
457 - 152	28773	.08	<.1
457 - 153	28774	.07	.3
457 - 154	28775	.05	.2
457 - 155	28776	.09	.6
457 - 156	28777	.07	.5
457 - 157	28778	.05	.6
457 - 158	28779	.04	.3
457 - 159	28780	.03	.4
HOLE 101			
457 - 160	28980	.08	.9

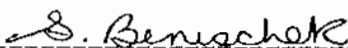
*S. Benischek*  
 \_\_\_\_\_  
 Sonja Benischek, Certified Assayer

Granges Exploration

September 16, 1987

<u>EIK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
HOLE 101			
457 - 161	28981	.92	.5
457 - 162	28982	.05	.5
457 - 163	28983	.09	.4
457 - 164	28984	.34	.3
457 - 165	28985	.45	.3
457 - 166	28986	.41	.8
457 - 167	28987	.24	.6
457 - 168	28988	.64	.5
457 - 169	28989	.06	.7
457 - 170	28990	.04	.5
457 - 171	28991	.07	1.2
457 - 172	28992	.59	.6
457 - 173	28993	.27	.9
457 - 174	28994	.05	.8
457 - 175	28995	.15	.6
457 - 176	28996	.03	.5
457 - 177	28997	.03	.6
457 - 178	28998	.21	1.3
457 - 179	28999	.19	.2
457 - 180	28900	.13	.2
457 - 181	28901	.28	1.4
457 - 182	28902	.14	1.3
457 - 183	28903	.18	2.8
457 - 184	28904	.29	30.5

NOTE: < = less than

  
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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 6 of 6

WIN 101, 103, 102

Pat



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 15, 1987

CERTIFICATE OF ANALYSIS ETK 87-463

CLIENT: Granges Exploration Ltd.  
2300, 895 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 129 core samples received September 2, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
<b>HOLE 103</b>			
463 - 1	29756	.18	.9
463 - 2	29757	.26	1.0
463 - 3	29758	.15	.3
463 - 4	29759	.08	<.1
463 - 5	29760	.18	.4
463 - 6	29761	.11	2.2
<b>HOLE 101</b>			
463 - 7	28905	.41	40.0
463 - 8	28906	.07	44.1
463 - 9	28907	.27	2.1
463 - 10	28908	.03	8.6
463 - 11	28909	.20	.6
463 - 12	28910	.15	.2
463 - 13	28911	.08	.6
463 - 14	28912	.26	.4
463 - 15	28913	.33	.2
463 - 16	28914	.15	.3
463 - 17	28915	.54	.8
463 - 18	28916	.79	1.0
463 - 19	28917	.19	.1
463 - 20	28918	.36	<.1

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ETK#	Description	Au (g/t)	Ag (g/t)
463 - 21	28919	.02	.2
463 - 22	28920	.02	.3
463 - 23	28921	.06	.4
463 - 24	28922	.08	.9
463 - 25	28923	.06	.2
463 - 26	28924	.11	.1
463 - 27	28925	.10	.6
463 - 28	28926	.12	.6
463 - 29	28927	.09	.4
463 - 30	28928	.08	.7
463 - 31	28929	.13	.2
463 - 32	28930	.07	.5
463 - 33	28931	.04	.4
463 - 34	28932	.86	2.0
463 - 35	28933	.19	.6
463 - 36	28934	.03	.7
463 - 37	28935	.18	.5
463 - 38	28936	.09	.5
463 - 39	28937	.12	.8
463 - 40	28938	.17	.9
463 - 41	28939	.13	.6
463 - 42	28940	<.02	2.4
463 - 43	28941	<.03	.9
463 - 44	28942	.08	.6
463 - 45	28943	.15	.7
463 - 46	28944	.55	4.5
463 - 47	28945	.04	.7
463 - 48	28946	.38	.3
463 - 49	28947	.09	5.9
463 - 50	28948	.07	6.1
463 - 51	28949	.10	.3
463 - 52	28850	.05	.5
463 - 53	28851	.15	.7
463 - 54	28852	.07	.6
463 - 55	28853	.11	1.4

E

S. Benischek  
 Sonja Benischek, Certified Assayer

## Granges Exploration

September 15, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
463 - 56	28854	.15	.7
463 - 57	28855	.06	.4
463 - 58	28856	.04	.5
HOLE 103			
463 - 59	29762	.21	1.7
463 - 60	29763	.22	1.6
463 - 61	29764	.24	1.4
463 - 62	29765	.16	.9
463 - 63	29766	.57	1.4
463 - 64	29767	.24	1.4
463 - 65	29768	.32	.8
463 - 66	29769	.17	.6
463 - 67	29770	.16	1.0
463 - 68	29771	.25	.6
463 - 69	29772	.23	1.0
463 - 70	29773	.27	1.1
463 - 71	29774	.26	1.3
463 - 72	29775	.15	.5
463 - 73	29776	.30	.6
463 - 74	29777	.24	.4
463 - 75	29778	.26	.3
463 - 76	29779	.16	.6
463 - 77	29780	.17	.4
463 - 78	29781	.31	.4
463 - 79	29782	.74	.2
463 - 80	29783	.32	.1
463 - 81	29784	.05	0.1
463 - 82	29785	.12	.2
463 - 83	29786	.11	.5
463 - 84	29735	.13	.3
463 - 85	29786	.11	0.1
463 - 86	29737	.03	0.1
463 - 87	29738	.06	.1
463 - 88	29739	.05	0.1
463 - 89	29740	.08	0.1
463 - 90	29741	.13	0.1

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Sonja Benischek, Certified Assayer



September 15, 1987

<u>GTK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
463 - 91	29742	.09	<.1
463 - 92	29743	.09	.1
463 - 93	29744	.11	
463 - 94	29745	.12	.4
463 - 95	29746	.16	.6
463 - 96	29747	.18	.4
463 - 97	29748	.15	.8
463 - 98	29749	.26	.6
463 - 99	29750	.58	2.8
463 - 100	29751	.24	.6
463 - 101	29752	.30	.6
463 - 102	29753	.05	.4
463 - 103	29754	.24	1.1
463 - 104	29755	.21	1.5
HOLE 102			
463 - 105	29710	.11	.8
463 - 106	29711	.09	<.1
463 - 107	29712	.05	.2
463 - 108	29713	.13	<.1
463 - 109	29714	.06	<.1
463 - 110	29715	.31	1.7
463 - 111	29716	.27	1.6
463 - 112	29717	.34	5.9
463 - 113	29718	.15	.3
463 - 114	29719	.36	2.2
463 - 115	29720	.83	1.5
463 - 116	29721	.26	1.5
463 - 117	29722	.50	1.2
463 - 118	29723	.13	1.7
HOLE 103			
463 - 119	29724	.04	1.2
463 - 120	29725	1.51	1.3
463 - 121	29726	.34	1.9
463 - 122	29727	1.97	1.6
463 - 123	29728	1.94	1.5
463 - 124	29729	.41	1.9
463 - 125	29730	4.12	2.1

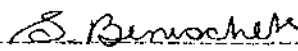
*S. Bonischek*  
 \_\_\_\_\_  
 Sonja Bonischek, Certified Assayer

Granges Exploration

September 15, 1987

<u>EIK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
463 - 126	29731	.22	1.9
463 - 127	29732	.11	1.2
463 - 128	29733	.07	1.1
463 - 129	29734	.03	.7

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 5 of 5

WIN-73



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

*pd*

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 21, 1987

CERTIFICATE OF ANALYSIS ETK 87-486

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 9 core samples received September 11, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
486 - 1	29839	.16	.5
486 - 2	29840	2.64	10.2
486 - 3	29841	.50	9.0
486 - 4	29842	.17	1.3
486 - 5	29843	.20	4.5
486 - 6	29844	.35	1.4
486 - 7	29845	.48	1.3
486 - 8	29846	.17	.3
486 - 9	29847	.09	.5

*WIN-93*  
*E*

*[Signature]*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

WIN-105, 104, 106  
Paid



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 17, 1987

CERTIFICATE OF ANALYSIS ETK 87-470

CLIENT: Granges Exploration Ltd.  
2300, 585 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 75 core samples received September 8, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
WIN 105 470 - 1	28857	.12	3.9
470 - 2	28858	.08	.5
470 - 3	28859	.11	.5
470 - 4	28860	.06	.3
470 - 5	28861	.06	.4
470 - 6	28862	.07	.2
470 - 7	28863	.12	1.1
470 - 8	28864	.22	1.1
470 - 9	28865	.12	1.1
470 - 10	28866	.14	.3
470 - 11	28867	.10	.5
470 - 12	28868	.12	.3
470 - 13	28869	.06	.4
470 - 14	28870	.13	.6
470 - 15	28871	.71	21.5
470 - 16	28872	.28	4.4
470 - 17	28873	.25	2.2
470 - 18	28874	.15	1.3
470 - 19	28875	.19	1.8
470 - 20	28876	.09	.7

WIN-105  
E

S. Benischek  
Sonja Benischek, Certified Assayer

ETH#	Description	Au (g/t)	Ag (g/t)
WIN 105 470 - 21	28877	.08	.7
470 - 22	28878	.11	1.8
470 - 23	28879	.15	1.3
470 - 24	28880	.12	.4
470 - 25	28881	<.03	.4
WIN-104 470 - 26	29787	.03	.4
470 - 27	29788	.06	.1
470 - 28	29789	.05	.3
470 - 29	29790	.57	.4
470 - 30	29791	.30	.4
470 - 31	29792	.34	.5
470 - 32	29793	1.59	.6
470 - 33	29794	1.12	1.4
470 - 34	29795	.29	3.3
470 - 35	29796	.35	2.6
470 - 36	29797	.06	.4
470 - 37	29798	.11	4.8
470 - 38	29799	.14	2.3
470 - 39	29850	.35	1.9
470 - 40	29851	.55	.9
470 - 41	29852	.29	3.0
470 - 42	29853	.12	1.0
470 - 43	29854	1.45	1.9
470 - 44	29855	1.29	1.6
470 - 45	29856	.49	2.2
470 - 46	29857	.92	2.7
470 - 47	29858	.24	.3
470 - 48	29859	.14	<.1
470 - 49	29860	.09	<.1
470 - 50	29861	3.75	1.4
470 - 51	29862	.23	1.0
470 - 52	29863	.06	<.1
470 - 53	29864	.10	.5
470 - 54	29865	.29	2.2
470 - 55	29866	.17	.3

} WIN 105  
E

} WIN-104  
E

S. Beniseck  
Sonja Beniseck, Certified Assayer

Granges Exploration

September 17, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
470 - 56	29867	1.90	.9
470 - 57	29868	.11	<.1
470 - 58	29869	.22	1.8
470 - 59	29870	.21	16.2
470 - 60	29871	.17	3.9
470 - 61	29872	.16	2.3
470 - 62	29873	.39	1.6
WIN 106 470 - 63	29874	.08	.2
470 - 64	29875	.11	<.1
470 - 65	29876	.10	.2
470 - 66	29877	.09	<.1
470 - 67	29878	.13	<.1
470 - 68	29879	.11	<.1
470 - 69	29880	.08	<.1
470 - 70	29881	.07	<.1
470 - 71	29882	.05	<.1
470 - 72	29883	.06	<.1
470 - 73	29884	.08	.4
470 - 74	29885	.10	.5
470 - 75	29886	.12	.5

*Handwritten notes:*  
 A bracket on the right side groups rows 56-62 and 63-75. The top group (rows 56-62) is labeled "WIN-104 E". The bottom group (rows 63-75) is labeled "WIN-106 E".

NOTE: < = less than

S. Benischek  
 ECO-TECH LABORATORIES LTD.  
 Sonja Benischek,  
 B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
 c/o Greyhound  
 REVELSTOKE, B.C.  
 Attention: Pat Deveaux  
 "Hold for Pickup"



*pd*  
 TOTAL \$ 2,037.90  
 INVOICE ETK-87-487

108, 93, 105

ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

September 21, 1987

CERTIFICATE OF ANALYSIS ETK 87-487

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 158 core samples received September 11, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 106			
487 - 1	29923	.08	.3
487 - 2	29924	.05	.3
487 - 3	29925	.17	1.4
487 - 4	29926	.45	2.5
487 - 5	29927	1.01	2.8
487 - 6	29928	4.75	5.0
487 - 7	29929	15.60*	4.7
487 - 8	29930	2.13	2.0
487 - 9	29931	.93	3.0
487 - 10	29932	.92	1.8
487 - 11	29933	.70	1.9
487 - 12	29934	1.35	1.4
487 - 13	29935	.90	2.9
487 - 14	29936	.24	1.1
487 - 15	29937	.16	.4
487 - 16	29938	.15	.3
487 - 17	29939	.12	.2
487 - 18	29940	.20	.4
487 - 19	29941	.13	.3
487 - 20	29942	.05	.4

*E*

*Sonja Benischek*  
 -----  
 Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
487 - 21	29943	.05	.3
487 - 22	29944	.11	.7
487 - 23	29945	.16	.5
HOLE 109			
487 - 24	54517	.07	.3
487 - 25	54518	.07	.5
487 - 26	54519	1.14	1.1
487 - 27	54520	13.56*	16.7
487 - 28	54521	.51	1.5
487 - 29	54522	1.23	3.0
487 - 30	54523	1.09	1.3
487 - 31	54524	.26	1.0
487 - 32	54525	.12	.5
487 - 33	54526	.15	1.0
487 - 34	54527	1.42	1.5
487 - 35	54528	.71	1.8
487 - 36	54529	<.03	1.0
487 - 37	54530	.03	.7
487 - 38	54531	2.16	2.3
487 - 39	54532	4.68*	3.0
487 - 40	54533	.13	2.2
487 - 41	54534	4.49*	1.0
487 - 42	54535	1.58	1.7
487 - 43	54536	.16	.5
487 - 44	54537	1.68	2.1
487 - 45	54538	.17	.5
487 - 46	54539	.76	3.3
487 - 47	54540	.23	1.4
487 - 48	54541	.06	.9
NO SHIPMENT NOTICE:			
108 487 - 49	54500	<.03	.4
487 - 50	54501	<.03	.5
487 - 51	54502	<.03	.4
487 - 52	54503	.08	.4
487 - 53	54504	.05	.5
487 - 54	54505	.04	.3
487 - 55	54506	.04	.2

E

WIN - 109  
E

WIN - 108  
E

*Sonja Benischek*  
-----  
Sonja Benischek, Certified Assayer



ETK#	Description	Au (g/t)	Ag (g/t)
487 - 56	54507	.06	.3
487 - 57	54508	.05	.2
487 - 58	54509	.04	.2
487 - 59	54510	.07	.2
487 - 60	54511	.05	.3
487 - 61	54512	.04	.2
487 - 62	54513	.05	.3
487 - 63	54514	.03	.5
487 - 64	54515	.04	.4
487 - 65	54516	<.03	.3
WIN-108 487 - 66	28892	.04	.4
487 - 67	28893	<.03	.3
487 - 68	28894	<.03	.3
487 - 69	28895	<.03	.3
487 - 70	28896	.20	.4
487 - 71	28897	.29	.2
487 - 72	28898	.07	.4
487 - 73	28899 ←	.03	.3
WIN-106 487 - 74	29909	.06	.3
487 - 75	29910	.14	.4
487 - 76	29911	.13	.4
487 - 77	29912	.05	.3
487 - 78	29913	.08	.3
487 - 79	29914	.06	.4
487 - 80	29915	<.03	.1
487 - 81	29916	.05	.3
487 - 82	29917	.96	.6
487 - 83	29918	.20	1.1
487 - 84	29919	.17	2.2
487 - 85	29920	.26	.5
487 - 86	29921	.32	.3
487 - 87	29922 ←	.03	.3
WIN-93 487 - 88	29800 ←	.10	1.9
487 - 89	29801	.57	9.1
487 - 90	29802	.10	<.1

WIN-108  
E

WIN-108  
E

WIN-106  
E

WIN-93  
E

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Sonja Benischek, Certified Assayer

*See*



Granges Exploration

September 21, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
487 - 126	28890	<.03	.2
487 - 127	28891	<.03	.3
<i>W N-93</i> 487 - 128	29808 ←	.23	2.2
487 - 129	29809	.04	.1
487 - 130	29810	.20	.2
487 - 131	29811	.28	.6
487 - 132	29812	.55	1.2
487 - 133	29813	3.19	8.1
487 - 134	29814	1.18	2.1
487 - 135	29815	.64	2.6
487 - 136	29816	.52	1.0
487 - 137	29817	.42	.2
487 - 138	29818	<.03	<.1
487 - 139	29819	<.03	.1
487 - 140	29820	2.97	1.2
487 - 141	29821	4.49*	2.1
487 - 142	29822	1.05	.9
487 - 143	29823	2.20	1.6
487 - 144	29824	1.79	1.6
487 - 145	29825	3.35*	2.1
487 - 146	29826	1.07	1.2
487 - 147	29827	.53	1.8
487 - 148	29828	.90	1.7
487 - 149	29829	.52	2.0
487 - 150	29830	.54	.4
487 - 151	29831	9.44*	2.7
487 - 152	29832	1.28	2.1
487 - 153	29833	1.21	3.1
487 - 154	29834	2.11*	2.2
487 - 155	29835	1.73	2.8
487 - 156	29836	1.82	.8
487 - 157	29837	.96	.5
487 - 158	29838	.24	1.2

NOTE: < = less than  
 \* sample screened & metallics assayed

*S. Benischek*  
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 Sonja Benischek,  
 B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
 c/o Greyhound  
 REVELSTOKE, B.C.  
 Attention: Pat Deveaux

**ECO-TECH** LABORATORIES LTD.



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

September 29, 1987

CERTIFICATE OF ANALYSIS ETK 87-507

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 114 core samples received September 21, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 107			
507 - 1	54591	.18	.9
507 - 2	54592	.08	.3
507 - 3	54593	.19	1.0
507 - 4	54594	.21	1.3
507 - 5	54595	.30	1.1
507 - 6	54596	.29	1.4
507 - 7	54597	.23	1.4
507 - 8	54598	.18	1.4
507 - 9	54599	.42	1.3
507 - 10	54600	.17	.8
507 - 11	54601	.18	.9
507 - 12	54602	.20	1.2
507 - 13	54603	.18	.8
507 - 14	54604	.16	.8
507 - 15	54605	1.18	16.5
507 - 16	54606	.58	16.7
507 - 17	54607	.58	3.1
507 - 18	54608	.07	.4
507 - 19	54609	.58	1.4
507 - 20	54610	.13	.9

WIN-107  
E

S. Benischek  
Sonja Benischek, Certified Assayer

September 29, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
507 - 21	54611	.36	1.0
507 - 22	54612	.30	.8
507 - 23	54613	.11	.8
507 - 24	54614	.09	.5
507 - 25	54615	.23	1.1
507 - 26	54616	.16	.5
507 - 27	54617	.07	.2
507 - 28	54618	.12	.6
507 - 29	54619	.08	.4
507 - 30	54620	.08	.7
507 - 31	54621	.08	.7
507 - 32	54622	.06	.4
507 - 33	54623	.09	.5
507 - 34	54624	.05	.6
507 - 35	54625	.06	.7
507 - 36	54627	.06	.4
507 - 37	54628	.04	.5
507 - 38	54629	.03	.5
507 - 39	54630	.03	.4
507 - 40	54631	.03	.5
507 - 41	54632	<.03	1.2
507 - 42	54633	<.03	.4
<b>HOLE 111</b>			
507 - 43	57536	.03	.5
507 - 44	57537	.04	.4
507 - 45	57538	<.03	.3
507 - 46	57539	.04	.5
507 - 47	57540	<.03	.3
507 - 48	57541	.05	.4
507 - 49	57542	<.03	.5
507 - 50	57543	.04	.4
507 - 51	57544	.04	.4
507 - 52	57545	.08	.5
507 - 53	57546	.07	.6
507 - 54	57547	.15	.7
507 - 55	57548	.26	.9

WIN-109  
EWIN-101  
E

S. Benischek  
-----  
Sonja Benischek, Certified Assayer

September 29, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
507 - 56	57549	.20	.8
507 - 57	57550	.71	1.9
507 - 58	57551	3.66*	3.1
507 - 59	57552	16.28*	3.3
507 - 60	57553	6.85*	3.5
507 - 61	57554	21.94*	44.7
507 - 62	57555	.09	.2
507 - 63	57556	.08	.6
507 - 64	57557	.07	.4
507 - 65	57558	.07	.3
H O L E 109			
507 - 66	54542	.05	.4
507 - 67	54543	.05	.3
507 - 68	54544	.07	.4
507 - 69	54545	.05	.3
507 - 70	54546	.09	.7
507 - 71	54547	.29	1.9
507 - 72	54548	.23	2.0
507 - 73	54549	.38	.6
507 - 74	54550	.55	1.4
507 - 75	54551	5.07*	9.1
507 - 76	54552	.24	.5
507 - 77	54553	.07	.1
507 - 78	54554	.63	.3
507 - 79	54555	.13	.1
507 - 80	54556	.05	.1
507 - 81	54557	.12	.2
507 - 82	54558	.05	.2
507 - 83	54559	.08	.5
507 - 84	54560	.07	.4
507 - 85	54561	.07	.3
507 - 86	54562	.06	.2
507 - 87	54563	.07	.5
507 - 88	54564	.05	.4
507 - 89	54565	.05	.5
507 - 90	54566	.05	.1

WIN-111  
EWIN-109  
E

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Sonja Benischek, Certified Assayer

Granges Exploration

September 29, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
507 - 91	54567	.04	.4
507 - 92	54568	.06	.5
507 - 93	54569	.10	1.0
507 - 94	54570	.09	.9
507 - 95	54571	.06	.5
507 - 96	54572	.04	.1
507 - 97	54573	.06	.5
507 - 98	54574	.11	.5
507 - 99	54575	.10	.5
507 - 100	54576	.11	.6
507 - 101	54577	.18	1.2
507 - 102	54578	.11	.7
507 - 103	54579	.09	.6
507 - 104	54580	.06	.4
507 - 105	54581	.14	.7
507 - 106	54582	.08	.5
507 - 107	54583	.06	.3
507 - 108	54584	.16	1.1
507 - 109	54585	.06	.1
507 - 110	54586	.23	.7
507 - 111	54587	.05	.2
507 - 112	54588	.06	.1
507 - 113	54589	.26	.8
507 - 114	54590	.14	.4

WIN-109  
E

NOTE: < = less than  
\* sample screened and metallics assayed

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 4 of 4

Windflower

Paiz WIN-115



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 6, 1987

CERTIFICATE OF ANALYSIS ETK 87-533

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 75 core samples received September 28, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
<b>HOLE 115</b>			
533 - 1	54650	.05	.8
533 - 2	54651	<.03	.5
533 - 3	54652	<.03	.4
533 - 4	54653	<.03	.5
533 - 5	54654	.06	.4
533 - 6	54655	.06	.3
533 - 7	54656	.17	.2
533 - 8	54657	.38	.1
533 - 9	54658	1.57	1.0
533 - 10	54659	.12	.4
533 - 11	54660	.65	.8
533 - 12	54661	.35	.9
533 - 13	54662	.11	.9
533 - 14	54663	.10	.9
533 - 15	54664	.05	1.2
533 - 16	54665	1.07	1.6
533 - 17	54666	.44	.9
533 - 18	54667	.20	.7
533 - 19	54668	.45	1.2
533 - 20	54669	.04	.3

E

S. Benischek  
Sonja Benischek, Certified Assayer



## Granges Exploration

August 24, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
533 - 21	54670	.03	.8
533 - 22	54671	<.03	.3
533 - 23	54672	.08	.5
533 - 24	54673	.10	.7
533 - 25	54674	.19	.6
533 - 26	54675	20.55	1790.0
533 - 27	54676	.03	3.6
533 - 28	54677	.11	1.2
533 - 29	54678	.10	3.1
533 - 30	54679	.11	1.8
533 - 31	54680	.42	2.7
533 - 32	54681	.82	2.2
533 - 33	54682	.12	1.2
533 - 34	54683	.59	1.0
533 - 35	54684	.14	1.0
533 - 36	54685	.67	1.1
533 - 37	54686	.63	1.6
533 - 38	54687	.05	.9
533 - 39	54688	.08	<.1
533 - 40	54689	.09	<.1
533 - 41	54690	.10	<.1
533 - 42	54691	.04	<.1
533 - 43	54692	.11	.2
533 - 44	54693	.10	<.1
533 - 45	54694	.14	<.1
533 - 46	54695	.17	.7
533 - 47	54696	.10	.5
533 - 48	54697	.04	<.1
533 - 49	54698	.04	<.1
533 - 50	54699	.06	<.1
533 - 51	54700	.04	<.1
533 - 52	54701	.05	<.1
533 - 53	54702	<.03	<.1
533 - 54	54703	.06	1.1
HOLE 106 533 - 55	29946	.06	.2

E

*S. Benischek*  
 \_\_\_\_\_  
 Sonja Benischek, Certified Assayer

Granges Exploration

August 24, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
H O L E 1 0 6			
533 - 56	29947	.07	.3
533 - 57	29948	.12	.1
533 - 58	29949	.11	.2
533 - 59	59500	.16	1.2
533 - 60	59501	.18	1.7
533 - 61	59502	.17	1.4
533 - 62	59503	.11	.9
533 - 63	59504	.11	1.2
533 - 64	59505	.12	2.4
533 - 65	59506	.33	.8
533 - 66	59507	.28	1.5
533 - 67	59508	.17	1.0
533 - 68	59509	.12	.1
533 - 69	59510	.20	.1
533 - 70	59511	.24	1.5
533 - 71	59512	.13	.9
533 - 72	59513	.05	2.7
533 - 73	59514	.73	1.7
533 - 74	59515	.22	3.5
533 - 75	59516	.27	1.9

NOTE: < = less than

*S. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3

Rec'd WIN-112, 110, 115



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 9, 1987

CERTIFICATE OF ANALYSIS ETK 87-528

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 59 core samples received September 25, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 112 528 - 1	57559	.06	.8
528 - 2	57560	.10	.3
528 - 3	57561	.14	<.1
528 - 4	57562	.23	.9
528 - 5	57563	.20	.3
528 - 6	57564	.11	<.1
528 - 7	57565	.10	<.1
528 - 8	57566	.09	<.1
528 - 9	57567	.14	.1
528 - 10	57568	.43	.6
528 - 11	57569	.10	.1
528 - 12	57570	1.43	2.1
528 - 13	57571	.59	1.4
528 - 14	57572	1.05	1.2
528 - 15	57573	3.87	1.5
528 - 16	57574	1.08	.8
528 - 17	57575	.30	.3
528 - 18	57576	1.75	1.7
528 - 19	57577	.08	.1
528 - 20	57578	<.03	.1

*E*

S. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
528 - 21	57579	.03	<.1
528 - 22	57580	.04	<.1
528 - 23	57581	1.63	2.3
528 - 24	57582	.39	.7
528 - 25	57583	.07	<.1
528 - 26	57584	.08	<.1
528 - 27	57585	.04	<.1
528 - 28	57586	<.03	<.1
528 - 29	57587	<.03	<.1
528 - 30	57588	.48	.7
528 - 31	57589	.37	.5
528 - 32	57590	.61	1.2
528 - 33	57591	.12	.5
528 - 34	57592	.04	<.1
528 - 35	57593	.26	1.4
<b>HOLE 115</b>			
528 - 36	54634	.04	.3
528 - 37	54635	<.03	<.1
528 - 38	54636	.07	<.1
528 - 39	54637	.06	.3
528 - 40	54638	.03	.3
528 - 41	54639	<.03	.1
528 - 42	54640	.06	.3
528 - 43	54641	.04	.2
528 - 44	54642	.08	.1
528 - 45	54643	.08	.3
528 - 46	54644	.07	.3
528 - 47	54645	<.03	.2
528 - 48	54646	.03	.9
528 - 49	54647	.05	1.9
528 - 50	54648	<.03	1.1
528 - 51	54649	.05	1.1
<b>HOLE 116</b>			
528 - 52	57528	.04	1.4
528 - 53	57529	.25	1.6
528 - 54	57530	.37	3.4
528 - 55	57531	.25	1.1

S. Benischek  
 Sonja Benischek, Certified Assayer

Granges Exploration

October 9, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
528 - 56	57532	5.56	10.9
528 - 57	57533	2.24	7.5
528 - 58	57534	.11	1.4
528 - 59	57535	.10	1.4

E

NOTE: < = less than

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jk

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



(acid WIN-115, 106, 118) 117

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 27, 1987

CERTIFICATE OF ANALYSIS ETK B7-553

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 145 core samples received October 5, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
<b>H O L E 1 1 5</b>			
553 - 1	54704	.18	.2
553 - 2	54705	.14	<.1
553 - 3	54706	.15	<.1
553 - 4	54707	.11	<.1
553 - 5	54708	.19	.2
553 - 6	54709	.18	<.1
553 - 7	54710	.14	<.1
553 - 8	54711	.15	.2
553 - 9	54712	.17	.6
553 - 10	54713	.13	.1
553 - 11	54714	.26	.4
553 - 12	54715	.76	.3
553 - 13	54716	.29	.2
553 - 14	54717	.15	.2
553 - 15	54718	.25	.9
553 - 16	54719	.19	.9
553 - 17	54720	.71	.6
553 - 18	54721	.23	.4
553 - 19	54722	.36	.8
553 - 20	54723	.37	1.3

E

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Sonja Benischek, Certified Assayer

## Granges Exploration

October 27, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
553 - 21	54724	.29	1.0
553 - 22	54725	.24	1.0
553 - 23	54726	1.43	1.1
553 - 24	54727	2.05	1.9
553 - 25	54728	1.36	1.9
553 - 26	54729	1.77	2.6
H O L E 1 0 6			
553 - 27	59517	.14	.6
553 - 28	59518	.16	.8
553 - 29	59519	.15	.9
553 - 30	59520	.14	.6
553 - 31	59521	.14	.8
553 - 32	59522	.15	.7
553 - 33	59523	.15	.6
553 - 34	59524	.51	.8
553 - 35	59525	.35	3.6
553 - 36	59526	.63	1.7
553 - 37	59527	1.99	4.3
553 - 38	59528	.34	<.1
553 - 39	59529	.78	<.1
553 - 40	59530	1.67	<.1
553 - 41	59531	.22	<.1
553 - 42	59532	.21	<.1
553 - 43	59533	.20	.2
553 - 44	59534	.27	.8
553 - 45	59535	.23	.9
553 - 46	59536	.11	.5
H O L E 1 1 5			
553 - 47	54730	.19	1.2
553 - 48	54731	.48	.6
553 - 49	54732	.95	1.3
553 - 50	54733	.31	1.7
553 - 51	54734	.17	.8
553 - 52	54735	.21	1.2
553 - 53	54736	.14	.6
553 - 54	54737	.11	.6
553 - 55	54738	.10	.4

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<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
553 - 56	54739	.12	.1
553 - 57	54740	.13	.4
553 - 58	54741	.12	<.1
553 - 59	54742	.15	.6
553 - 60	54743	.10	<.1
553 - 61	54744	.14	<.1
553 - 62	54745	.15	.2
553 - 63	54746	.20	.5
553 - 64	54747	.13	.1
553 - 65	54748	.14	.4
553 - 66	54749	.08	<.1
553 - 67	30400	.18	.4
H O L E 1 1 7			
553 - 68	54750	.09	.1
553 - 69	54751	.25	.5
553 - 70	54752	.09	.2
553 - 71	54753	.27	.4
553 - 72	54754	.85	.5
553 - 73	54755	.15	.4
553 - 74	54756	.50	.2
553 - 75	54757	.66	.4
553 - 76	54758	.31	.1
553 - 77	54759	.87	.4
553 - 78	54760	.36	.2
553 - 79	54761	.36	10.0
553 - 80	54762	.44	.3
553 - 81	54763	.86	.6
553 - 82	54764	1.07	.6
553 - 83	54765	.24	.4
553 - 84	54766	1.55	4.3
553 - 85	54767	.44	.9
553 - 86	54768	1.78	1.3
553 - 87	54769	1.09	.8
553 - 88	54770	3.14	1.7
553 - 89	54771	1.51	1.6
553 - 90	54772	.62	1.0

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October 27, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
553 - 91	54773	.27	1.1
553 - 92	54774	.78	2.5
H O L E 1 1 5			
553 - 93	30401	.22	.7
553 - 94	30402	.24	.9
553 - 95	30403	.20	1.2
553 - 96	30404	.23	1.5
553 - 97	30405	.19	1.0
553 - 98	30406	.17	.9
553 - 99	30407	1.43	148.0
553 - 100	30408	.24	7.5
553 - 101	30409	.22	2.3
553 - 102	30410	.15	.5
553 - 103	30411	.16	.2
553 - 104	30412	.20	.3
553 - 105	30413	.22	.3
553 - 106	30414	.16	<.1
553 - 107	30415	.16	<.1
553 - 108	30416	.15	.1
553 - 109	30417	.15	.4
553 - 110	30418	.14	.4
553 - 111	30419	.07	.3
553 - 112	30420	.08	.3
553 - 113	30421	.08	.2
553 - 114	30422	.10	.3
H O L E 1 1 7			
553 - 115	54775	3.84	1.4
553 - 116	54776	.58	.4
553 - 117	54777	.11	.3
553 - 118	54778	.10	.3
553 - 119	54779	.18	.4
553 - 120	54780	.11	.5
553 - 121	54781	.08	.1
553 - 122	54782	.07	.3
553 - 123	54783	.11	.4
553 - 124	54784	.52	.4
553 - 125	54785	.26	.3

*S. Benischek*  
 Sonja Benischek, Certified Assayer

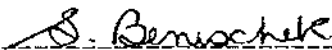
Granges Exploration

October 27, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
553 - 126	54786	.34	.7
553 - 127	54787	.07	.1
553 - 128	54788	.07	.4
553 - 129	54789	.12	.8
553 - 130	54790	.07	<.1
553 - 131	54791	.07	<.1
553 - 132	54792	.07	<.1
553 - 133	54793	.10	.3
553 - 134	54794	.09	.1
553 - 135	54795	.09	.1
553 - 136	54796	.24	.4
553 - 137	54797	.13	.6
553 - 138	54798	.09	.4
553 - 139	54799	.07	.1
553 - 140	54800	.10	.2
553 - 141	54801	.09	.4
553 - 142	54802	.12	<.1
553 - 143	54803	.09	.1
553 - 144	54804	.14	<.1
553 - 145	54805	.09	<.1

F

NOTE: < = less than

  
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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 5 of 5



Paid win 111  
ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 16, 1987

CERTIFICATE OF ANALYSIS ETK 87-561

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 69 core samples received October 5, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 117			
561 - 1	54806	.05	1.1
561 - 2	54807	.02	.3
561 - 3	54808	.07	1.1
561 - 4	54809	9.31	3.8
561 - 5	54810	.06	<.1
561 - 6	54811	<.03	<.1
561 - 7	54812	<.03	.1
561 - 8	54813	.09	.9
561 - 9	54814	.41	1.3
561 - 10	54815	.06	1.0
561 - 11	54816	.20	.9
561 - 12	54817	.09	1.2
561 - 13	54818	.17	2.1
561 - 14	54819	.08	1.2
561 - 15	54820	.11	1.8
561 - 16	54821	.16	1.2
561 - 17	54822	<.03	.2
561 - 18	54823	.06	.6
561 - 19	54824	.09	4.7
561 - 20	54825	<.03	.1

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S. Benischek  
Sonja Benischek, Certified Assayer

## Granges Exploration

October 16, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
561 - 21	54826	<.03	<.1
561 - 22	54827	<.03	<.1
561 - 23	54828	<.03	<.1
561 - 24	54829	.29	<.1
561 - 25	54830	.18	<.1
561 - 26	54831	.17	<.1
561 - 27	54832	.15	<.1
561 - 28	54833	.15	<.1
561 - 29	54834	.14	<.1
561 - 30	54835	.16	.2
561 - 31	54836	.15	.4
561 - 32	54837	.20	2.0
561 - 33	54838	.25	5.9
561 - 34	54839	.98	195.5
561 - 35	54840	.79	5.0
561 - 36	54841	.23	24.6
561 - 37	54842	1.33	6.6
561 - 38	54843	2.25	2.3
561 - 39	54844	.26	.7
561 - 40	54845	.74	2.4
561 - 41	54846	.34	2.9
561 - 42	54847	.49	3.6
561 - 43	54848	.85	8.0
561 - 44	54849	.46	2.8
561 - 45	54850	.26	1.8
561 - 46	54851	.25	1.7
561 - 47	54852	.30	1.2
561 - 48	54853	.25	.9
561 - 49	54854	.20	.1
561 - 50	54855	.52	1.0
561 - 51	54856	.10	1.4
561 - 52	54857	2.96	30.0
561 - 53	54858	5.92*	28.1
561 - 54	54859	2.09	3.0
561 - 55	54860	1.66	3.2

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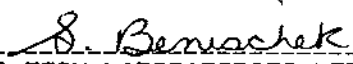
S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

October 16, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
561 - 56	54861	2.37	2.5
561 - 57	54862	12.03*	21.2
561 - 58	54863	.34	.3
561 - 59	54864	.24	<.1
561 - 60	54865	.61	.8
561 - 61	54866	12.39*	5.3
561 - 62	54867	.74	.5
561 - 63	54868	.16	.2
561 - 64	54869	18.32*	25.9
561 - 65	54870	10.81*	9.1
561 - 66	54871	.73	1.1
561 - 67	54872	.33	1.2
561 - 68	54873	.17	1.1
561 - 69	54874	.18	1.0

NOTE: < = less than  
\* sample screened and metallics assayed

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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*Pat*

*WIN-120*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 29, 1987

CERTIFICATE OF ANALYSIS ETK 87-579

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 10 core samples received October 13, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
<u>HOLE 120</u>			
579 - 1	59622	.16	<.1
579 - 2	59623	.50	.3
579 - 3	59624	37.79*	5.6
579 - 4	59625	2.02	1.6
579 - 5	59626	.99*	.7
579 - 6	59627	6.66*	3.9
579 - 7	59628	2.76	4.0
579 - 8	59629	23.89*	19.4
579 - 9	59630	1.27	38.2
579 - 10	59631	1.04	2.9

*E*

NOTE: < = less than  
\* sample screened and metallics assayed

*S. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"



*pl*

WIN-120

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 29, 1987

CERTIFICATE OF ANALYSIS ETK 87-580

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 12 core samples received October 13, 1987  
PROJECT: 224-7678

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
580 - 1	59610	.13	25.8
580 - 2	59611	11.63*	264.0
580 - 3	59612	.35	1.8
580 - 4	59613	3.70	24.5
580 - 5	59614	7.65*	5.0
580 - 6	59615	4.22	13.4
580 - 7	59616	5.21	5.1
580 - 8	59617	34.46*	7.4
580 - 9	59618	12.68*	14.3
580 - 10	59619	3.03*	2.4
580 - 11	59620	.24	1.1
580 - 12	59621	.47	1.6

WIN-120  
E

NOTE: \* sample screened and metallics assayed

*S. Benischek*  
\_\_\_\_\_  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

WIN-120 / 111 / 1



*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 6, 1987

CERTIFICATE OF ANALYSIS ETK 87-582

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 164 core samples received October 13, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
582 - 1	57600	.10	1.0
582 - 2	57601	.15	.8
582 - 3	57602	.77	1.1
582 - 4	57603	3.16	.4
582 - 5	57604	.04	.3
582 - 6	57605	.03	.5
582 - 7	57606	.08	.4
582 - 8	57607	<.03	.4
582 - 9	57608	<.03	.2
582 - 10	54959	.53	1.0
582 - 11	54960	.06	.4
582 - 12	54961	.09	.4
582 - 13	54962	.03	.4
582 - 14	54963	.04	.3
582 - 15	54964	.08	.5
582 - 16	54965	.04	.6
582 - 17	54966	.08	.2
582 - 18	54967	.19	.5
582 - 19	54968	.05	.2
582 - 20	54969	.08	.1

*WIN-118*

*WIN-121*

*E*

*S. Benischek*  
Sonja Benischek, Certified Assayer



November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
582 - 21	54970	.13	.3
582 - 22	54971	.04	.7
582 - 23	54972	.73	1.0
582 - 24	54973	.16	1.1
582 - 25	54974	.12	1.2
582 - 26	54975	.05	.6
582 - 27	54976	<.03	.3
582 - 28	54910	.03	.7
582 - 29	54911	<.03	.5
582 - 30	54912	.23	.4
582 - 31	54913	<.03	.3
582 - 32	54914	<.03	.2
582 - 33	54915	.12	.2
582 - 34	54916	.03	.5
582 - 35	54917	.03	.4
582 - 36	54918	<.03	.2
582 - 37	54919	<.03	.3
582 - 38	54920	.59	.5
582 - 39	54921	1.28	1.2
582 - 40	54922	4.74	1.7
582 - 41	54923	.10	.5
582 - 42	54924	.15	.6
582 - 43	54925	.10	.6
582 - 44	54926	.03	.3
582 - 45	54927	.11	1.0
582 - 46	54928	.06	.8
582 - 47	54929	.04	.6
582 - 48	54930	.13	.5
582 - 49	54931	.10	1.2
582 - 50	54932	.04	.6
582 - 51	54933	.09	.5
582 - 52	54934	.14	.6
582 - 53	54896	.10	.7
582 - 54	54897	.09	.6
582 - 55	54898	.06	.3

win-121  
E

S. Benischek  
Sonja Benischek, Certified Assayer

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
582 - 56	54899	.18	.9
582 - 57	54900	.29	.4
582 - 58	54901	.51	.8
582 - 59	54902	.11	.6
582 - 60	54903	.09	.3
582 - 61	54904	.06	.3
582 - 62	54905	.65	.7
582 - 63	54906	32.55*	.3
582 - 64	54907	.90*	1.0
582 - 65	54908	2.65	1.3
582 - 66	54909	.21	.3
582 - 67	54935	.15	.8
582 - 68	54936	1.61	1.8
582 - 69	54937	.13	.5
582 - 70	54938	.30	.2
582 - 71	54939	.41	.4
582 - 72	54940	.13	2.0
582 - 73	54941	.10	.2
582 - 74	54942	.63	.6
582 - 75	54943	.33	.7
582 - 76	54944	.22	.6
582 - 77	54945	.25	.5
582 - 78	54946	.87	.2
582 - 79	54947	1.14	.2
582 - 80	54948	.07	.1
582 - 81	54949	.20	3.1
582 - 82	54950	.66	.6
582 - 83	54951	.51	.2
582 - 84	54952	.13	.3
582 - 85	54953	.13	.3
582 - 86	54954	.39	1.4
582 - 87	54955	1.20	.5
582 - 88	54956	.43	.2
582 - 89	54957	.26	.5
582 - 90	54958	1.19	.5

W/N-121  
E

S. Benischek  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
582 - 91	54875	.10	.2
582 - 92	54876	.06	.5
582 - 93	54877	.05	.3
582 - 94	54878	.04	.4
582 - 95	54879	.04	1.1
582 - 96	54880	.06	.6
582 - 97	54881	.21	.4
582 - 98	54882	.09	1.5
582 - 99	54883	.06	.4
582 - 100	54884	.06	.4
582 - 101	54885	.14	.4
582 - 102	54886	.05	.4
582 - 103	54887	.13	.3
582 - 104	54888	.08	.5
582 - 105	54889	.09	.8
582 - 106	54890	3.79	1.2
582 - 107	54891	.60	.6
582 - 108	54892	.06	.4
582 - 109	54893	.08	.3
582 - 110	54894	.09	.3
582 - 111	54895	.07	.2
582 - 112	59563	.05	<.1
582 - 113	59564	.05	<.1
582 - 114	59565	.06	.1
582 - 115	59566	.06	<.1
582 - 116	59567	.06	.1
582 - 117	59568	.05	.1
582 - 118	59569	.31	1.0
582 - 119	59570	.06	.2
582 - 120	59571	.79	.8
582 - 121	59572	2.01	.9
582 - 122	59573	.21	.2
582 - 123	59574	.82	.5
582 - 124	59575	.10	.6
582 - 125	59576	.06	.3

121  
E

WIN-120

E

S. Benischek  
Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
582 - 126	59577	.08	.4
582 - 127	59578	.08	.4
582 - 128	59579	.05	.3
582 - 129	59580	.06	.4
582 - 130	59581	.05	.1
582 - 131	59582	.04	<.1
582 - 132	59583	.06	<.1
582 - 133	59584	.05	.3
582 - 134	59585	.04	.2
582 - 135	59586	.03	<.1
582 - 136	59587	.04	.1
582 - 137	59588	.04	.1
582 - 138	59589	.03	.1
582 - 139	59537	.08	<.1
582 - 140	59538	.03	.2
582 - 141	59539	.04	<.1
582 - 142	59540	.04	.2
582 - 143	59541	.03	.1
582 - 144	59542	.03	.3
582 - 145	59543	.04	.2
582 - 146	59544	.04	.2
582 - 147	59545	.04	.2
582 - 148	59546	.05	.2
582 - 149	59547	.05	.1
582 - 150	59548	.07	<.1
582 - 151	59549	.03	.4
582 - 152	59550	.07	.5
582 - 153	59551	.11	.9
582 - 154	59552	.18	.7
582 - 155	59553	.08	.5
582 - 156	59554	.05	.2
582 - 157	59555	.06	.4
582 - 158	59556	.05	.3
582 - 159	59557	.04	.4
582 - 160	59558	.21	.6

WIN-120

E

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
582 - 161	59559	.05	.3
582 - 162	59560	.04	.1
582 - 163	59561	.04	.1
582 - 164	59562	.03	.2

WIN-120  
E

NOTE: < = less than  
\* sample screened and metallics assayed

S. Benischek  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 6 of 6



*pd*

WIN - 120, 121, 124

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 28, 1987

CERTIFICATE OF ANALYSIS ETK 87-591

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 88 core samples received October 15, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
<b>HOLE 120</b>			
591 - 1	59590	.09	.3
591 - 2	59591	.05	.2
591 - 3	59592	.22	.2
591 - 4	59593	.07	.2
591 - 5	59594	.03	.3
591 - 6	59595	.09	.3
591 - 7	59596	.04	.3
591 - 8	59597	<.03	.3
591 - 9	59598	.03	.4
591 - 10	59599	.06	.5
591 - 11	59600	.04	.3
591 - 12	59601	.26	.5
591 - 13	59602	.05	.5
591 - 14	59603	.05	.6
591 - 15	59604	.12	.6
591 - 16	59605	.20	.4
591 - 17	59606	.03	.3
591 - 18	59607	.03	.3
591 - 19	59608	.03	.2
591 - 20	59609	.03	.2

*E*

S. Benischek  
Sonja Benischek, Certified Assayer

October 28, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
H O L E 1 2 1			
591 - 21	54977	.86	.2
591 - 22	54978	.07	.3
591 - 23	54979	.05	.3
591 - 24	54980	.14	.5
591 - 25	54981	.04	.2
591 - 26	54982	.07	.4
591 - 27	54983	<.03	.2
591 - 28	54984	<.03	.3
591 - 29	54985	.03	.3
591 - 30	54986	.07	.4
591 - 31	54987	.04	.3
591 - 32	54988	.09	.6
591 - 33	54989	.05	.3
591 - 34	54990	.17	.3
591 - 35	54991	<.03	.1
591 - 36	54992	.06	.2
591 - 37	54993	<.03	2.7
591 - 38	54994	<.03	.2
591 - 39	54995	.04	.1
591 - 40	54996	.03	.2
591 - 41	54997	.15	1.4
591 - 42	54998	<.03	.2
591 - 43	54999	<.03	.1
591 - 44	61000	.07	.3
591 - 45	61001	.39	.4
591 - 46	61002	.06	.2
591 - 47	61003	<.03	.1
591 - 48	61004	.12	.7
591 - 49	61005	.10	.4
591 - 50	61006	<.03	<.1
591 - 51	61007	.04	.2
591 - 52	61008	<.03	.1
591 - 53	61009	<.03	.1
591 - 54	61010	<.03	.2
591 - 55	61011	.05	.4

*S. Benischek*  
 Sonja Benischek, Certified Assayer

Granges Exploration

October 28, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
H O L E 1 2 1			
591 - 56	61012	3.01	.5
591 - 57	61013	.70	.9
591 - 58	61014	.08	.6
591 - 59	61015	.04	.7
591 - 60	61016	.05	.7
591 - 61	61017	.03	.4
591 - 62	61018	.04	.3
591 - 63	61019	.20	.6
591 - 64	61020	.14	.2
591 - 65	61021	.06	.5
591 - 66	61022	.10	.5
591 - 67	61023	.06	.3
591 - 68	61024	<.03	.5
591 - 69	61025	.16	.4
591 - 70	61026	.13	.3
591 - 71	61027	.05	.4
591 - 72	61028	<.03	.3
591 - 73	61029	.04	.3
591 - 74	61030	.10	.2
591 - 75	61031	.97	2.1
591 - 76	61032	.13	.4
591 - 77	61033	.34	.5
591 - 78	61034	.07	.6
H O L E 1 2 6			
591 - 79	59636	<.03	.2
591 - 80	59637	.04	.2
591 - 81	59638	<.03	.3
591 - 82	59639	.05	.4
591 - 83	59640	.04	.3
591 - 84	59641	.03	.4
591 - 85	59642	.08	6.7
591 - 86	59643	.03	.4
591 - 87	59644	<.03	.4
591 - 88	59645	<.03	.3

NOTE: < = less than

*B. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.

**ECO-TECH** LABORATORIES LTD.





*pd*

WIN-126

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 29, 1987

CERTIFICATE OF ANALYSIS ETK 87-594

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 134 core samples received October 19, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 126 594 - 1	59729	.13	.5
594 - 2	59730	12.53*	30.8
594 - 3	59731	54.11*	18.7
594 - 4	59732	9.76*	6.3
594 - 5	59733	12.33*	4.7
594 - 6	59734	5.39*	5.8
594 - 7	59735	2.59	4.0
594 - 8	59736	2.52	3.3
594 - 9	59737	3.55	3.8
594 - 10	59738	3.12	3.6
594 - 11	59739	26.35*	4.8
594 - 12	59740	.96	1.2
594 - 13	59741	.12	.4
594 - 14	59777 ←	1.99*	.7
594 - 15	59778	3.19	1.0
594 - 16	59779	1.23	1.2
594 - 17	59780	<.03	2.3
594 - 18	59781	<.03	.3
594 - 19	59782	1.47	26.9
594 - 20	59783	<.03	.3

*E*

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

October 29, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
594 - 21	59784	.06	1.1
594 - 22	59785	2.47	.8
594 - 23	59786	.32	.7
594 - 24	59787	6.93*	49.3
594 - 25	59788	1.97	10.7
594 - 26	59789	3.22	2.8
594 - 27	59790	.55	1.1
594 - 28	59791	.20	.7
594 - 29	59792	.41	.8
594 - 30	59793	.07	.5
594 - 31	59794	.76	1.8
594 - 32	59795	2.04	.9
594 - 33	59796	.39	.9
594 - 34	59797 ←	.22	1.0
594 - 35	59755	<.03	.3
594 - 36	59756	.07	.6
594 - 37	59757	.06	.6
594 - 38	59758	.10	.6
594 - 39	59759	.09	.4
594 - 40	59760	.08	.3
594 - 41	59761	<.03	.3
594 - 42	59762	.13	1.0
594 - 43	59763	.05	.4
594 - 44	59764	.08	.6
594 - 45	59765	.05	.3
594 - 46	59766	.39	.8
594 - 47	59767	2.16	1.1
594 - 48	59768	.59	1.8
594 - 49	59769	.39	1.0
594 - 50	59770	.30	.5
594 - 51	59771	.10	.2
594 - 52	59772	.13	.2
594 - 53	59773	.10	.3
594 - 54	59774	.41	.6
594 - 55	59775	26.06*	44.7

E

S. Benischek  
Sonja Benischek, Certified Assayer

October 29, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
594 - 56	59776 ←	.18	.3
594 - 57	59679	.45	.8
594 - 58	59680	.08	.4
594 - 59	59681	.10	.3
594 - 60	59682	.04	.3
594 - 61	59683	.20	.3
594 - 62	59684	.16	.4
594 - 63	59685	.04	.4
594 - 64	59686	.73	.7
594 - 65	59687	.77	.4
594 - 66	59688	1.64	.8
594 - 67	59689	3.78	1.2
594 - 68	59690	1.39	1.4
594 - 69	59691	.05	.6
594 - 70	59692	2.70	.9
594 - 71	59693	1.66	.7
594 - 72	59694	.26	.5
594 - 73	59695	.20	.8
594 - 74	59696	.24	.4
594 - 75	59697	.40	.5
594 - 76	59698	.67	.5
594 - 77	59699	1.61	.3
594 - 78	59700	5.66*	1.6
594 - 79	59701	1.41	.4
594 - 80	59702	.17	.6
594 - 81	59703	.07	.8
594 - 82	59704	.05	.3
594 - 83	59705	.09	.4
594 - 84	59706	.09	.5
594 - 85	59707	<.03	.3
594 - 86	59708	.04	.3
594 - 87	59709	.05	.4
594 - 88	59710	.15	.8
594 - 89	59711	.12	.5
594 - 90	59712	.06	.5

*S. Benischek*  
 Sonja Benischek, Certified Assayer

October 29, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
594 - 91	59713	<.03	.4
594 - 92	59714	.05	.5
594 - 93	59715	<.03	.3
594 - 94	59716	.04	.6
594 - 95	59717	.03	.4
594 - 96	59718	<.03	.3
594 - 97	59719	<.03	.3
594 - 98	59720	<.03	.3
594 - 99	59721	<.03	.2
594 - 100	59722	.04	.3
594 - 101	59723	.09	.5
594 - 102	59724	<.03	.3
594 - 103	59725	.04	.5
594 - 104	59726	<.03	.3
594 - 105	59727	.18	.4
594 - 106	59728	.05	.3
594 - 107	59742	<.03	.5
594 - 108	59743	.05	.5
594 - 109	59744	.05	.5
594 - 110	59745	.04	.6
594 - 111	59746	.09	.5
594 - 112	59747	.73	1.7
594 - 113	59748	4.99	9.1
594 - 114	59749	16.33*	11.1
594 - 115	59750	.07	.3
594 - 116	59751	1.26	1.2
594 - 117	59752	.53	.6
594 - 118	59753	.24	.6
594 - 119	59754	<.03	.4
594 - 120	59664	<.03	.5
594 - 121	59665	<.03	.4
594 - 122	59666	<.03	.5
594 - 123	59667	<.03	.5
594 - 124	59668	<.03	.5
594 - 125	59669	<.03	.4

E

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

October 29, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
594 - 126	59670	.03	.6
594 - 127	59671	<.03	.7
594 - 128	59672	<.03	.4
594 - 129	59673	<.03	.3
594 - 130	59674	<.03	.5
594 - 131	59675	<.03	.4
594 - 132	59676	.03	.5
594 - 133	59677	<.03	.6
594 - 134	59678	<.03	.8

*E*

NOTE: < = less than  
\* sample screened and metallics assayed

*S. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 5 of 5



WIN - 27

**ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 6, 1987

CERTIFICATE OF ANALYSIS ETK B7-598

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 37 core samples received October 19, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
<b>HOLE 127</b>			
598 - 1	61041	<.03	.2
598 - 2	61042	<.03	.1
598 - 3	61043	<.03	.1
598 - 4	61044	<.03	.5
598 - 5	61045	<.03	.2
598 - 6	61046	<.03	.2
598 - 7	61047	<.03	.1
598 - 8	61048	<.03	<.1
598 - 9	61049	<.03	.3
598 - 10	61050	<.03	.3
598 - 11	61051	<.03	.2
598 - 12	61052	.14	.5
598 - 13	61053	<.03	.2
598 - 14	61054	<.03	.3
598 - 15	61055	<.03	.5
598 - 16	61056	.04	.3
598 - 17	61057	.12	.3
598 - 18	61058	.13	1.8
598 - 19	61059	.10	.9
598 - 20	61060	.86	2.1

E

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

Granges Exploration

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
598 - 21	61061	1.80	10.4
598 - 22	61062	1.94	3.4
598 - 23	61063	<.03	.2
598 - 24	61064	.03	.2
598 - 25	61065	<.03	.3
598 - 26	61066	<.03	.3
598 - 27	61067	<.03	.3
598 - 28	61068	.06	.3
598 - 29	61069	.08	.5
598 - 30	61070	.07	.5
598 - 31	61071	.05	.4
598 - 32	61072	.05	.1
598 - 33	61073	.05	.1
598 - 34	61074	.09	.4
598 - 35	61075	.06	.8
598 - 36	61076	.09	.5
598 - 37	61077	.08	.5

E

NOTE: < = less than

S. Benischek  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



*pd*

*WIN 112*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 3, 1987

CERTIFICATE OF ANALYSIS ETK 87-604

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 18 core samples received October 20, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
<b>HOLE 125</b>			
604 - 1	57703	<.03	<.1
604 - 2	57704	<.03	.1
604 - 3	57705	<.03	<.1
604 - 4	57706	<.03	.2
604 - 5	57707	1.91	.8
604 - 6	57708	2.32	.8
604 - 7	57709	.21	1.6
604 - 8	57710	.21	.9
604 - 9	57711	.05	.1
604 - 10	57712	.14	.4
604 - 11	57713	.05	.2
604 - 12	57714	.30	<.1
604 - 13	57715	1.75	.1
604 - 14	57716	.33	.9
604 - 15	57717	.04	<.1
604 - 16	57718	.05	.9
604 - 17	57719	.38	.3
604 - 18	57720	.28	.8

*E*

NOTE: < = less than

*For*  
\_\_\_\_\_  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb  
c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"





ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

124  
127

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

November 10, 1987

CERTIFICATE OF ANALYSIS ETK 87-611

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 77 core samples received October 26, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
<u>H O L E 1 2 8</u>			
611 - 1	61078	<.03	.2
611 - 2	61079	<.03	.2
611 - 3	61080	<.03	.4
611 - 4	61081	<.03	.5
611 - 5	61082	<.03	.1
611 - 6	61083	<.03	.2
611 - 7	61084	<.03	1.0
611 - 8	61085	<.03	.3
611 - 9	61086	<.03	.3
611 - 10	61087	3.33	100.8
611 - 11	61088	1.57	29.3
611 - 12	61089	<.03	.7
611 - 13	61090	<.03	.6
611 - 14	61091	.03	.5
611 - 15	61092	<.03	2.8
611 - 16	61093	<.03	.2
611 - 17	61094	.05	.4
611 - 18	61095	<.03	.3
611 - 19	61096	.03	1.1
611 - 20	61097	<.03	.5

*S. Benischek*  
 \_\_\_\_\_  
 Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
611 - 21	61098	.06	.2
611 - 22	61099	.05	.6
611 - 23	61100	.04	.5
HOLE 129			
611 - 24	57721	.05	.5
611 - 25	57722	<.03	.8
611 - 26	57723	.69	.5
611 - 27	57724	1.54	.5
611 - 28	57725	.58	.8
611 - 29	57726	.03	.1
611 - 30	57727	<.03	.2
611 - 31	57728	<.03	.1
611 - 32	57729	.06	.4
611 - 33	57730	.05	.2
611 - 34	57731	<.03	.1
611 - 35	57732	.04	.4
611 - 36	57733	<.03	.1
611 - 37	57734	.03	.2
611 - 38	57735	.03	.2
611 - 39	57736	<.03	<.1
611 - 40	57737	<.03	.1
611 - 41	57738	<.03	.1
HOLE 130			
611 - 42	59798	1.77	.9
611 - 43	59799	1.26	.3
611 - 44	59800	.04	.5
611 - 45	59801	.03	.3
611 - 46	59802	<.03	.1
611 - 47	59803	.06	.4
611 - 48	59804	1.25	.3
611 - 49	59805	1.47	.6
611 - 50	59806	.26	.2
611 - 51	59807	1.14	.6
611 - 52	59808	<.03	.1
611 - 53	59809	<.03	.1
611 - 54	59810	.03	.3
611 - 55	59811	<.03	.1

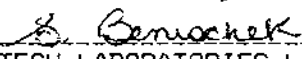
S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 10, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
611 - 56	59812	.04	.1
611 - 57	59813	.04	.1
611 - 58	59814	.04	.3
H O L E 1 2 4			
611 - 59	57640	.34	.4
611 - 60	57641	1.61	.8
611 - 61	57642	.23	.5
611 - 62	57643	.10	.7
611 - 63	57644	.86	.8
611 - 64	57645	.86	1.1
611 - 65	57646	1.40	.6
611 - 66	57647	.12	.7
611 - 67	57648	.05	.4
611 - 68	57649	<.03	.2
611 - 69	57650	.63	.2
611 - 70	57701 5	.32	.4
611 - 71	57702 5	.14	.4
H O L E 1 2 7			
611 - 72	61035	<.03	1.1
611 - 73	61036	<.03	.6
611 - 74	61037	<.03	.5
611 - 75	61038	<.03	.6
611 - 76	61039	.05	1.0
611 - 77	61040	<.03	.1

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Devesaux  
"Hold for Pickup"

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*pd*

119, 120, 127, 126

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 3, 1987

CERTIFICATE OF ANALYSIS ETK 87-613

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 16 core samples received October 26, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 122			
613 - 1	51624	<.03	1.0
613 - 2	51625	.04	.3
613 - 3	51626	<.03	.1
613 - 4	51627	6.08	.5
613 - 5	51628	.03	.1
613 - 6	51629	.06	1.0
613 - 7	51630	.71	1.6
613 - 8	51631	2.36	1.5
613 - 9	51632	.24	.3
613 - 10	51633	.37	.9
613 - 11	51634	.05	.6
613 - 12	51635	.09	.7
613 - 13	51636	.07	.6
613 - 14	51637	<.03	.2
613 - 15	51638	.06	.7
613 - 16	51639	.11	1.2

*mf E*

NOTE: < = less than

*FOR*  
\_\_\_\_\_  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb  
c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"



*Part*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY -  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

October 26, 1987

CERTIFICATE OF ANALYSIS ETK 87-590

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 37 core samples received October 15, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
<u>HOLE 120</u>			
E 590 - 1	59632	.13	.8
E 590 - 2	59633	.17	.6
E 590 - 3	59634	.07	.6
E 590 - 4	59635	.08	.5
<u>HOLE 119</u>			
E 590 - 5	57609	.06	.5
E 590 - 6	57610	.16	.4
E 590 - 7	57611	.49	.6
E 590 - 8	57612	.43	.9
E 590 - 9	57613	.15	.4
<u>HOLE 122</u>			
E 590 - 10	57614	.07	.4
E 590 - 11	57615	.04	.4
E 590 - 12	57616	.56	.5
E 590 - 13	57617	.08	.5
E 590 - 14	57618	.06	.4
E 590 - 15	57619	.04	.3
E 590 - 16	57620	.06	.4
E 590 - 17	57621	.12	.2
E 590 - 18	57622	.06	.3
E 590 - 19	57623	.04	.3
<u>HOLE 124</u>			
E 590 - 20	59646	.06	.4

*S. Benischek*  
Sonja Benischek, Certified Assayer

Granges Exploration

October 26, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
<i>E</i> HOLE 124 590 - 21	59647	.05	.5
590 - 22	59648	.05	.4
590 - 23	59649	<.03	.3
590 - 24	59650	.03	.4
590 - 25	59651	.05	.3
590 - 26	59652	<.03	.4
590 - 27	59653	<.03	.4
590 - 28	59654	.04	.3
590 - 29	59655	<.03	.5
590 - 30	59656	<.03	.7
590 - 31	59657	.04	.8
590 - 32	59658	.28	.3
590 - 33	59659	.08	.2
590 - 34	59660	.03	.3
590 - 35	59661	.06	.3
590 - 36	59662	.16	.3
590 - 37	59663	.13	.2

NOTE: < = less than

*S. Benischek*  
-----  
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B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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WIN-132, 131  
 ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

134  
 134  
 129

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

November 6, 1987

CERTIFICATE OF ANALYSIS ETK 87-621

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 99 core samples received October 27, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
HOLE 132			
621 - 1	59815	.23	<.1
621 - 2	59816	.04	<.1
621 - 3	59817	.13	<.1
621 - 4	59818	.02	.4
621 - 5	59819	.05	.2
621 - 6	59820	.21	.2
621 - 7	59821	.14	.1
621 - 8	59822	<.03	.1
621 - 9	59823	<.03	.1
621 - 10	59824	<.03	.1
621 - 11	59825	<.03	.2
621 - 12	59826	<.03	.1
621 - 13	59827	<.03	.1
621 - 14	59828	.09	.1
621 - 15	59829	.07	.2
621 - 16	59830	.06	.3
621 - 17	59831	.03	.2
621 - 18	59832	.09	.3
621 - 19	59833	.57	.3
621 - 20	59834	.50	.2

E

S. Benischek  
 Sonja Benischek, Certified Assayer

Granges Exploration

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
621 - 21	59835	1.28	1.8
621 - 22	59836	2.32	.8
621 - 23	59837	.40	.8
621 - 24	59838	3.33	1.2
621 - 25	59839	1.77	1.2
621 - 26	59840	1.40	.7
621 - 27	59841	.18	.7
621 - 28	59842	.08	.4
621 - 29	59843	.10	.3
621 - 30	59844	.05	.1
621 - 31	59845	.06	.2
621 - 32	59846	.20	.5
621 - 33	59847	.40	.9
621 - 34	59848	.46	.4
621 - 35	59849	.47	.2
621 - 36	59850	1.29	.4
621 - 37	59851	.39	.5
621 - 38	59852	1.67	.2
621 - 39	59853	1.71	.6
621 - 40	59854	.78	.5
621 - 41	59855	1.93	2.3
621 - 42	59856	.76	.6
621 - 43	59857	1.39	.9
621 - 44	59858	6.72*	.6
621 - 45	59859	1.27	1.1
621 - 46	59860	7.47*	1.8
621 - 47	59861	.21	.4
621 - 48	59862	.11	.6
621 - 49	59863	.09	.4
621 - 50	59864	.08	.3
621 - 51	59865	.09	.5
621 - 52	59866	.07	.2
621 - 53	59867	.05	.6
621 - 54	59868	.04	.9
621 - 55	59869	.08	.5

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November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
621 - 56	59870	.43	.8
621 - 57	59871	.64	.7
621 - 58	59872	.33	.2
621 - 59	59873	.34	.4
621 - 60	59874	.58	.3
621 - 61	59875	.67	.3
621 - 62	59876	.78	.7
621 - 63	59877	.17	.6
621 - 64	59878	.23	1.0
621 - 65	59879	.07	.4
621 - 66	59880	.25	.9
621 - 67	59881	.06	.4
621 - 68	59882	.03	.3
621 - 69	59883	.07	.6
621 - 70	59884	.67	.4
621 - 71	59885	.11	.5
621 - 72	59886	.05	.3
621 - 73	59887	.08	.6
621 - 74	59888	<.03	.3
621 - 75	59889	<.03	.4
621 - 76	59890	<.03	.5
621 - 77	59891	<.03	.3
621 - 78	59892	.20	.4
621 - 79	59893	1.18	.5
621 - 80	59894	136.46*	47.8
<b>H O L E 1 9 1</b>			
621 - 81	61101	.42	.3
621 - 82	61102	.07	<.1
621 - 83	61103	.05	.1
621 - 84	61104	.07	.3
621 - 85	61105	.05	.1
621 - 86	61106	.06	.2
621 - 87	61107	.04	.4
621 - 88	61108	.07	<.1
621 - 89	61109	.05	<.1
621 - 90	61110	<.03	.1


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Sonja Benischek, Certified Assayer

Granges Exploration

November 6, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
621 - 91	61111	.06	.2
621 - 92	61112	<.03	<.1
621 - 93	61113	.03	.2
HOLE 134			
621 - 94	61137	<.03	<.1
621 - 95	61138	<.03	.3
621 - 96	61139	<.03	.2
HOLE 129			
621 - 97	57739	.04	.7
621 - 98	57740	<.03	.1
621 - 99	57741	<.03	.2



NOTE: < = less than  
\* sample screened and metallics assayed

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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WIN-132, 137, 135  
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ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 19, 1987

CERTIFICATE OF ANALYSIS ETK 87-636

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 91 core samples received November 4, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
H O L E 1 3 2			
636 - 1	59918	.27	1.4
636 - 2	59919	1.70	11.1
636 - 3	59920	2.62	20.4
636 - 4	59921	.21	.7
636 - 5	59922	4.32*	7.2
636 - 6	59923	40.20*	46.8
636 - 7	59924	43.12*	71.7
636 - 8	59925	26.81*	14.4
636 - 9	59926	20.29*	2.9
636 - 10	59927	16.07*	3.6
636 - 11	59928	7.27*	4.6
636 - 12	59929	.30	1.5
636 - 13	59930	.81	2.4
636 - 14	59931	.35	2.6
636 - 15	59932	.20	3.7
636 - 16	59933	15.24*	29.7
636 - 17	59934	4.19	12.1
636 - 18	59935	2.45	6.6
636 - 19	59936	1.95	2.1
636 - 20	59937	.83	.8

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

November 19, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
636 - 21	59938	.38	2.0
636 - 22	59939	.66	1.5
636 - 23	59940	.51	1.4
636 - 24	59941	3.31	2.2
636 - 25	59942	1.71	1.7
636 - 26	59943	1.78	1.7
636 - 27	59944	1.52	4.3
636 - 28	59911	.09	1.0
636 - 29	59912	.05	.8
636 - 30	59913	.04	.6
636 - 31	59914	.06	.9
636 - 32	59915	.08	1.1
636 - 33	59916	.08	.9
636 - 34	59917	.03	.5
H O L E 1 3 7			
636 - 35	61171	.03	.2
636 - 36	61172	.03	.2
636 - 37	61173	.04	.2
636 - 38	61174	.03	.3
636 - 39	61175	.05	.4
636 - 40	61176	.06	.4
636 - 41	61177	.05	.4
636 - 42	61178	.04	.1
636 - 43	61179	.05	.2
636 - 44	61180	.04	.2
H O L E 1 3 8			
636 - 45	61149	.06	1.3
636 - 46	61150	.04	.2
636 - 47	61151	.04	.2
636 - 48	61152	.04	.1
636 - 49	61153	.04	.2
636 - 50	61154	.03	.2
636 - 51	61155	.03	.3
636 - 52	61156	<.03	.3
636 - 53	61157	.03	.2
636 - 54	61158	.04	.1
636 - 55	61159	<.03	.2

S. Benischek  
Sonja Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
636 - 56	61160	<.03	.3
636 - 57	61161	<.03	.2
636 - 58	61162	<.03	.2
636 - 59	61163	<.03	.4
636 - 60	61164	<.03	.1
HOLE 134			
636 - 61	61140	.07	.1
636 - 62	61141	<.03	.1
636 - 63	61142	<.03	.2
636 - 64	61143	<.03	.3
636 - 65	61144	<.03	.3
636 - 66	61145	<.03	.2
636 - 67	61146	<.03	.1
636 - 68	61147	<.03	.2
636 - 69	61148	<.03	.2
636 - 70	61165	.11	9.4
636 - 71	61166	<.03	1.0
636 - 72	61167	<.03	.5
636 - 73	61168	<.03	1.1
636 - 74	61169	<.03	7.3
636 - 75	61170	.03	.9
HOLE 132			
636 - 76	59895	<.03	.2
636 - 77	59896	<.03	.1
636 - 78	59897	<.03	<.1
636 - 79	59898	<.03	.1
636 - 80	59899	<.03	.2
636 - 81	59900	<.03	.2
636 - 82	59901	<.03	.1
636 - 83	59902	<.03	.2
636 - 84	59903	.08	.1
636 - 85	59904	.03	.2
636 - 86	59905	<.03	.1
636 - 87	59906	<.03	.4
636 - 88	59907	.15	<.1
636 - 89	59908	.08	1.0
636 - 90	59909	.07	.9
636 - 91	59910	.10	1.3

NOTE: < = less than

*S. Benischek*  
 -----  
 ECO-TECH LABORATORIES LTD.  
 Sonja Benischek,  
 B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
 c/o Greyhound  
 REVELSTOKE, B.C.  
 Attention: Pat Deveaux

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V 111 1176 / 138

*pd*

**ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 19, 1987

CERTIFICATE OF ANALYSIS ETK 87-638

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 42 core samples and 12 sludge samples received  
November 4, 1987  
PROJECT 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
638 - 1	32806	.03	
638 - 2	32807	.04	
638 - 3	32808	.04	
638 - 4	32809	.06	
638 - 5	32810	.04	
638 - 6	32811	.04	
638 - 7	32812	.03	
638 - 8	32813	.04	
638 - 9	32814	.04	
638 - 10	32815	.03	
638 - 11	32816	.03	
638 - 12	32817	.04	
638 - 13	61181	.04	.2
638 - 14	61182	.06	.6
638 - 15	61183	.04	.1
638 - 16	61184	.07	.3
638 - 17	61185	.09	.4
638 - 18	61186	.09	.5
638 - 19	61187	.16	.6
638 - 20	61188	1.27	3.5

*WIN-131  
SLUDGE  
ENTERED*

*WIN-137  
E*

*E*

*S. Benischek*  
\_\_\_\_\_  
Sonje Benischek, Certified Assayer

ETK#	Description	Au (g/t)	Ag (g/t)
638 - 21	61189	.20	1.7
638 - 22	61190	<.03	.1
638 - 23	61191	.03	<.1
638 - 24	61192	<.03	.1
638 - 25	61193	.03	1.3
638 - 26	61194	.03	.4
638 - 27	61195	.04	.3
638 - 28	61196	.06	.2
638 - 29	61197	.05	.1
638 - 30	61198	.10	.4
638 - 31	61199	.07	.4
638 - 32	61200	.07	.5
638 - 33	61201	.05	.3
638 - 34	59945	.24	.2
638 - 35	59946	.40	1.3
638 - 36	59947	.54	.7
638 - 37	59948	.10	.6
638 - 38	59949	.18	.4
638 - 39	59950	.54	1.8
638 - 40	59951	.15	.4
638 - 41	59952	.07	.1
638 - 42	59953	.44	1.3
638 - 43	59954	.38	1.0
638 - 44	59955	.36	.6
638 - 45	59956	.10	.1
638 - 46	59957	.12	.7
638 - 47	59958	.07	.3
638 - 48	61202	.38	1.5
638 - 49	61203	.10	<.1
638 - 50	61204	.04	<.1

WIN-137

E

WIN-136

E

WIN-138

E

S. Benischek  
 Sonja Benischek, Certified Assayer

Granges Exploration

November 19, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
638 - 51	61205	.05	.4
638 - 52	61206	.04	.8
638 - 53	61207	.03	.1
638 - 54	61208	.05	.9
638 - 55	61209	.04	.2
638 - 56	61210	.04	.4
638 - 57	61211	.04	.5
638 - 58	61212	.04	.1
638 - 59	61213	.05	1.1
638 - 60	61214	.03	.7
638 - 61	61215	.04	.2
638 - 62	61216	.06	.3
638 - 63	61217	.18	.1
638 - 64	61218	.07	.5

} WIN-138

E

NOTE: < = less than

S. Benischek  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 19, 1987

CERTIFICATE OF ANALYSIS ETK 87-643

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 54 core samples received November 6, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
643 - 1	59959	.08	.8
643 - 2	59960	.05	.3
643 - 3	59961	.08	.6
643 - 4	59962	.11	.7
643 - 5	59963	.07	.4
643 - 6	59964	.19	1.0
643 - 7	59965	.04	.1
643 - 8	59966	.08	.5
643 - 9	59967	.08	.6
643 - 10	59968	.08	<.1
643 - 11	59969	.19	.1
643 - 12	59970	.15	<.1
643 - 13	59971	.07	.4
643 - 14	59972	.04	.3
643 - 15	59973	.07	.6
643 - 16	59974	.06	.3
643 - 17	59975	.05	.4
643 - 18	59976	.11	.2
643 - 19	59977	.04	.2
643 - 20	59978	.07	.5

*WIN-136*

*E*

*S. Benisehek*  
Sanja Benisehek, Certified Assayer

November 19, 1987

ETK#	Description	Au (g/t)	Ag (g/t)
643 - 21	59979	.09	.1
643 - 22	59980	.04	.2
643 - 23	59981	.04	.1
643 - 24	59982	<.03	<.1
643 - 25	59983	.04	.1
643 - 26	59984	.19	.1
643 - 27	59985	.18	.4
643 - 28	59986	.06	.2
643 - 29	59987	.44	.2
643 - 30	59988	.24	.1
643 - 31	59989	.05	.1
643 - 32	59990	.33	.4
643 - 33	59991	.06	.2
643 - 34	59992	.12	.5
643 - 35	59993	.04	<.1
643 - 36	59994	.06	<.1
643 - 37	59995	.04	.4
643 - 38	59996	.04	.1
643 - 39	59997	.67	1.0
643 - 40	59998	.44	.6
643 - 41	59999	.95	2.5
643 - 42	59000	1.39 /	5.3
643 - 43	59001	.05 /	.1
643 - 44	59002	.06 /	<.1
643 - 45	59003	15.97 /	5.8
643 - 46	59004	.55 /	1.5
643 - 47	59005	2.68 /	6.0
643 - 48	59006	.84	2.8
643 - 49	59007	.96	1.1
643 - 50	59008	.37	.4

WIN-136

WIN-136

E

S. Benischek  
Sonja Benischek, Certified Assayer

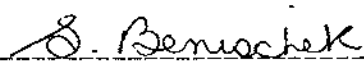
Granges Exploration

November 18, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
643 - 51	59009	.15	.4
643 - 52	59010	.15	.3
643 - 53	59011	.14	.1
643 - 54	59012	.16	.4

E

NOTE: < = less than

  
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ECG-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



*pd*

WIN-110  
ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 17, 1987

CERTIFICATE OF ANALYSIS ETK 87-647

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 61 core samples received November 9, 1987  
PROJECT: 244

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
647 - 1	61297	.05	<.1
647 - 2	61298	.06	.2
647 - 3	61299	.06	.1
647 - 4	61300	.09	.1
647 - 5	61301	.08	.1
647 - 6	61302	.07	.1
647 - 7	61303	.08	<.1
647 - 8	61304	.08	<.1
647 - 9	61305	.07	.1
647 - 10	61306	.08	.1
647 - 11	61307	.08	.1
647 - 12	61308	.09	.1
647 - 13	61309	.07	.1
647 - 14	61310	.07	.1
647 - 15	61311	.09	.2
647 - 16	61312	.10	.2
647 - 17	61313	.08	.1
647 - 18	61314	.12	.4
647 - 19	61315	.09	.2
647 - 20	61316	.12	.4

WIN-138  
*pd*  
E

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 17, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
647 - 21	61317	.11	.2
647 - 22	61318	.11	.2
647 - 23	61319	.16	.5
647 - 24	61320	.14	.6
647 - 25	61321	.11	.4
647 - 26	61322	.11	.5
647 - 27	61323	.13	.6
647 - 28	61324	.17	.9
647 - 29	61325	.08	1.0
647 - 30	61326	.15	1.0
647 - 31	61327	.42	.9
647 - 32	61328	.15	.6
647 - 33	61329	.09	.5
647 - 34	61330	.10	.5
647 - 35	61331	.17	.5
647 - 36	61332	.10	.4
647 - 37	61333	.09	.5
647 - 38	61334	.11	.7
647 - 39	61335	.18	1.3
647 - 40	61336	.09	.6
647 - 41	61337	.12	.7
647 - 42	61338	.10	.6
647 - 43	61339	.06	.2
647 - 44	61340	.07	.2
647 - 45	61341	.10	.5
647 - 46	61342	.12	.6
647 - 47	61343	.13	.7
647 - 48	61344	.11	.5
647 - 49	61345	.10	.4
647 - 50	61346	.14	.6
647 - 51	61347	.08	.2
647 - 52	61348	.07	.2
647 - 53	61349	.08	.3
647 - 54	61350	.11	.4
647 - 55	61351	.12	.6

win-138

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S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 17, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
647 - 56	61352	.12	.4
647 - 57	61353	.10	.3
647 - 58	61354	.14	.6
647 - 59	61355	.16	.6
647 - 60	61356	.12	.4
647 - 61	61357	.07	.3

*E*  
*WIN-138*

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



WIN-110

**ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 17, 1987

CERTIFICATE OF ANALYSIS ETK 87-649

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 61 core J  
8 sludge J samples received November 9, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
WIN 130 649 - 1	32819	.09	.3
649 - 2	32820	.06	.2
649 - 3	32821	.06	.2
649 - 4	32822	.05	.1
649 - 5	32823	.08	.3
649 - 6	32824	.07	.4
649 - 7	32825	.06	.3
649 - 8	32826	.09	.8
649 - 9	61219	.06	.1
649 - 10	61220	.06	.2
649 - 11	61221	.07	.2
649 - 12	61222	.21	.1
649 - 13	61223	.06	.2
649 - 14	61224	.05	.2
649 - 15	61225	.06	.1
649 - 16	61226	.08	.1
649 - 17	61227	.06	.1
649 - 18	61228	.10	.1
649 - 19	61229	.09	.2
649 - 20	61230	.07	.2

} Sludge  
E

} E

S. Benischek  
Sonja Benischek, Certified Assayer

November 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
649 - 21	61231	.08	.4
649 - 22	61232	.07	.3
649 - 23	61233	.07	.2
649 - 24	61234	.06	.2
649 - 25	61235	.07	.2
649 - 26	61236	.07	.2
649 - 27	61237	.13	.2
649 - 28	61238	.09	.5
649 - 29	61239	.07	.3
649 - 30	61240	.06	.2
649 - 31	61241	.06	.1
649 - 32	61242	.06	.3
649 - 33	61243	.08	.4
649 - 34	61244	.07	.3
649 - 35	61245	.06	.2
649 - 36	61246	.07	.1
649 - 37	61247	.11	.2
649 - 38	61248	.07	.2
649 - 39	61249	.06	.4
649 - 40	65450	.07	.3
649 - 41	65451	.07	.3
649 - 42	65452	.08	.2
649 - 43	65453	.08	.3
649 - 44	65454	.05	.2
649 - 45	65455	.05	.3
649 - 46	65456	.07	.3
649 - 47	65457	.06	.2
649 - 48	65458	.06	.4
649 - 49	65459	.07	.2
649 - 50	65460	.05	.3
649 - 51	65461	.06	.2
649 - 52	65462	.05	.5
649 - 53	65463	.08	.2
649 - 54	65464	.06	.4
649 - 55	61250	.06	.3

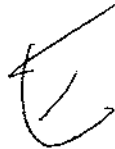
S. Benischek  
Sonja Benischek, Certified Assayer



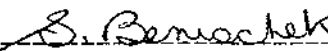
Granges Exploration

November 17, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
649 - 56	61251	.07	.3
649 - 57	61252	.07	.2
649 - 58	61253	.08	.2
649 - 59	61254	.06	.2
649 - 60	61255	.05	.3
649 - 61	61256	.07	.2
649 - 62	61257	.08	.2
649 - 63	61258	.09	.2
649 - 64	61259	.15	.2
649 - 65	61260	.08	.2
649 - 66	61261	.06	.3
649 - 67	61262	.07	.2
649 - 68	61263	.08	.1
649 - 69	61264	.06	.2



N O T E: SAMPLE NUMBERS 32827 - 32831 NOTED ON SHIPMENT NOTICE WERE NOT RECEIVED. MEMO REGARDING THIS WAS SENT TO PAT DEVEAUX NOV. 10. 1987.

  
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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



*pk*

*WIN 140*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 18, 1987

CERTIFICATE OF ANALYSIS ETK 87-650

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 70 core samples received November 10, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
H O L E 1 4 0 650 - 1	59013	.06	.2
650 - 2	59014	.20	.3
650 - 3	59015	.24	.2
650 - 4	59016	2.45	1.2
650 - 5	59017	.68	.4
650 - 6	59018	.20	.6
650 - 7	59019	1.95	2.0
650 - 8	59020	.88	.7
650 - 9	59021	.31	.4
650 - 10	59022	.31	.6
650 - 11	59023	2.63	1.9
650 - 12	59024	.15	.8
650 - 13	59025	.53	.6
650 - 14	59026	.23	.5
650 - 15	59027	.16	.7
650 - 16	59028	.31	.4
650 - 17	59029	.12	.7
650 - 18	59030	.16	.9
650 - 19	59031	.09	.4
650 - 20	59032	.08	.5

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S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 18, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
650 - 21	59033	.11	.4
650 - 22	59034	.10	.4
650 - 23	59035	.15	.6
650 - 24	59036	.09	.3
650 - 25	59037	.06	.3
650 - 26	59038	.12	.4
650 - 27	59039	.07	.3
650 - 28	59040	.12	1.0
650 - 29	59041	.10	.6
650 - 30	59042	.07	.2
650 - 31	59043	.09	.5
650 - 32	59044	.08	.4
650 - 33	59045	.07	.2
650 - 34	59046	.09	.5
650 - 35	59047	.07	.4
650 - 36	59048	.06	.3
650 - 37	59049	.07	.4
650 - 38	59050	.10	.9
650 - 39	59051	.09	1.0
650 - 40	59052	.06	.6
650 - 41	59053	.09	.6
650 - 42	59054	.27	.7
650 - 43	59055	.11	.9
650 - 44	59056	.08	.8
650 - 45	59057	.15	.6
650 - 46	59058	.14	.5
650 - 47	59059	.11	.6
650 - 48	59060	.11	.8
650 - 49	59061	.18	.9
650 - 50	59062	.18	1.0
650 - 51	59063	.15	.6
650 - 52	59064	.14	.7
650 - 53	59065	.21	.8
650 - 54	59066	.12	.8
650 - 55	59067	.14	.9


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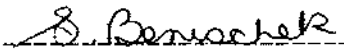
S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

November 18, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
650 - 56	59068	.11	.7
650 - 57	59069	.26	1.3
650 - 58	59070	.19	1.0
650 - 59	59071	.15	.8
650 - 60	59072	.09	.9
650 - 61	59073	.12	.4
650 - 62	59074	.09	.5
650 - 63	59075	.08	.7
650 - 64	59076	.07	.3
650 - 65	59077	.07	.3
650 - 66	59078	.08	.3
650 - 67	59079	.09	.5
650 - 68	59080	.09	1.0
650 - 69	59081	.11	.5
650 - 70	59082	.63	.4



  
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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



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ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 18, 1987

CERTIFICATE OF ANALYSIS ETK 87-652

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 32 core samples received November 10, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
WIN 1 3 9 652 - 1	61265	.08	<.1
652 - 2	61266	.08	.1
652 - 3	61267	.07	<.1
652 - 4	61268	.08	.2
652 - 5	61269	.06	.2
652 - 6	61270	.06	.7
652 - 7	61271	.12	.7
652 - 8	61272	.11	.2
652 - 9	61273	.09	.2
652 - 10	61274	.09	<.1
652 - 11	61275	.12	.2
652 - 12	61276	.11	.4
652 - 13	61277	.08	.2
652 - 14	61278	.09	.2
652 - 15	61279	.08	.2
652 - 16	61280	.19	.3
652 - 17	61281	.07	.2
652 - 18	61282	.08	.2
652 - 19	61283	.07	.3
652 - 20	61284	.14	.2

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S. Benischek  
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Granges Exploration

November 18, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
652 - 21	61285	.07	.1
652 - 22	61286	.06	.3
652 - 23	61287	.07	.3
652 - 24	61288	.06	.2
652 - 25	61289	.08	.2
652 - 26	61290	.11	.3
652 - 27	61291	.06	.2
652 - 28	61292	.07	.1
652 - 29	61293	.09	.2
652 - 30	61294	.07	.1
652 - 31	61295	.08	.2
652 - 32	61296	.05	.2

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NOTE: < = less than

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



WIN 138,  
 pd  
 ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

November 19, 1987

CERTIFICATE OF ANALYSIS ETK B7-657

CLIENT: Granges Exploration Ltd.  
 2900, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 52 core samples received November 10, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
657 - 1	61358	.86	.5
657 - 2	61359	.09	<.1
657 - 3	61360	.16	.4
657 - 4	61361	.14	.2
657 - 5	61362	.12	.2
657 - 6	61363	.12	<.1
657 - 7	61364	.11	<.1
657 - 8	61365	.10	<.1
657 - 9	61366	.11	<.1
657 - 10	61367	.07	<.1
657 - 11	61368	.05	<.1
657 - 12	61369	.05	<.1
657 - 13	61370	.05	<.1
657 - 14	61371	.06	<.1
657 - 15	61372	.04	<.1
657 - 16	61373	.06	.1
657 - 17	61374	.05	<.1
657 - 18	61375	.67	.1
657 - 19	61376	.15	.9
657 - 20	61377	.13	.4

WIN-138

E

B. Benischek

Granges Exploration

November 19, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
657 - 21	61378	.14	.5
657 - 22	61379	.14	.3
657 - 23	61380	.12	.7
657 - 24	61381	.11	.4
657 - 25	61382	.13	.3
657 - 26	61383	.10	.4
657 - 27	61384	.12	.3
657 - 28	61385	.14	.2
657 - 29	61386	.24	.3
657 - 30	61387	.10	.2
657 - 31	61388	.10	.2
657 - 32	61389	.09	.2
657 - 33	61390	.11	.1
657 - 34	61391	.08	.1
657 - 35	61392	.09	.2
657 - 36	61393	.08	.1
657 - 37	61394	.08	.2
657 - 38	61395	.07	.1
657 - 39	61396	.06	.2
657 - 40	61397	.07	.1
657 - 41	61398	.08	<.1
657 - 42	61399	.07	<.1
657 - 43	61400	.06	.1
657 - 44	61401	.08	.1
657 - 45	61402	.08	.2
657 - 46	61403	.07	.1
657 - 47	61404	.07	<.1
657 - 48	61405	.08	.1
657 - 49	61406	.08	<.1
657 - 50	61407	.07	.2
657 - 51	61408	.07	.1
657 - 52	61409	.06	.1

*E*

NOTE: < = less than

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

**ECO-TECH** LABORATORIES LTD.





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WIN-122, 128

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 26, 1987

CERTIFICATE OF ANALYSIS ETK 87-666

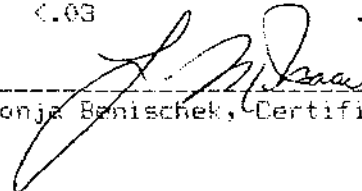
CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 24 core samples received November 16, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
WIN 1 3 2 666 - 1	65018	<.03	.2
666 - 2	65019	<.03	.2
666 - 3	65020	<.03	.2
666 - 4	65021	<.03	.3
666 - 5	65022	<.03	.2
666 - 6	65023	<.03	.4
666 - 7	65024	<.03	.2
666 - 8	65025	.46	.5
666 - 9	65026	<.03	.3
666 - 10	65027	.02	.7
666 - 11	65028	.10	.9
666 - 12	65029	.47	1.3
666 - 13	65030	.40	1.0
666 - 14	65031	.02	.5
666 - 15	65032	.26	.8
666 - 16	65033	<.03	.7
WIN 1 3 2 666 - 17	65034	<.03	.2
666 - 18	65035	<.03	.2
666 - 19	65036	<.03	.2
666 - 20	65037	<.03	.3


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*PER*   
Sonja Benischek, Certified Assayer

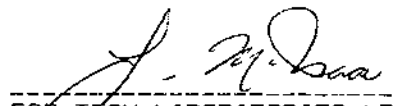
Granges Exploration

November 26, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
666 - 21	65038	<.03	.2
666 - 22	65039	<.03	.3
666 - 23	65040	<.03	.1
666 - 24	65041	<.03	.4



NOTE: < = less than

  
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ECO-TECH LABORATORIES LTD.

*PER* Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



*per*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 25, 1987

CERTIFICATE OF ANALYSIS ETK 87-667

CLIENT: Branges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 97 core samples received November 16, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
W I N I 4 1 667 - 1	61410	.03	.1
667 - 2	61411	.10	.4
667 - 3	61412	.04	.2
667 - 4	61413	.05	.2
667 - 5	61414	.03	.1
667 - 6	61415	.05	.1
667 - 7	61416	.03	.1
667 - 8	61417	.04	.2
667 - 9	61418	.04	.2
667 - 10	61419	.02	.2
667 - 11	61420	.03	.3
667 - 12	61421	.03	.1
667 - 13	61422	.10	.3
667 - 14	61423	.05	.1
667 - 15	61424	<.03	<.1
667 - 16	61425	<.03	.1
667 - 17	61426	<.03	<.1
667 - 18	61427	.03	<.1
667 - 19	61428	<.03	<.1
667 - 20	61429	<.03	1.0

*E*


*PER*   
Sonja Benischek, Certified Assayer

November 26, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
667 - 21	61430	.86	<.1
667 - 22	61431	.04	<.1
667 - 23	61432	.07	.9
667 - 24	61433	.99	<.1
667 - 25	61434	.04	.7
667 - 26	61435	.97	<.1
667 - 27	61436	.04	.3
667 - 28	61437	.05	.2
667 - 29	61438	.04	.2
667 - 30	61439	.04	.2
667 - 31	61440	.03	.2
667 - 32	61441	.03	.2
667 - 33	61442	.03	.2
667 - 34	61443	.04	.1
667 - 35	61444	.03	.2
667 - 36	61445	.03	.1
667 - 37	61446	.03	.2
667 - 38	61447	.03	.2
667 - 39	61448	<.03	.2
667 - 40	61449	.03	.2
667 - 41	61450	.08	.1
667 - 42	61451	.07	.1
667 - 43	61452	.06	.2
667 - 44	61453	.06	.1
667 - 45	61454	<.03	.1
667 - 46	61455	.05	.1
667 - 47	61456	.05	<.1
667 - 48	61457	.04	.1
667 - 49	61458	.03	.1
667 - 50	61459	.03	<.1
667 - 51	61460	.04	<.1
667 - 52	61461	.05	.1
667 - 53	61462	.44	.2
667 - 54	61463	.04	.1
667 - 55	61464	.05	.1

E

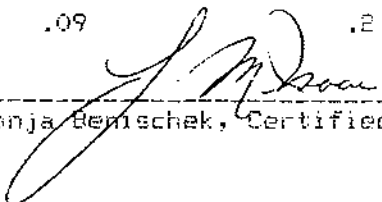
PER


  
 Sonja Benischek, Certified Assayer

November 26, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
667 - 56	61465	.18	.2
667 - 57	61466	.10	.1
667 - 58	61467	.05	.2
667 - 59	61468	.03	.2
667 - 60	61469	.04	.2
667 - 61	61470	.03	.1
667 - 62	61471	.06	.2
667 - 63	61472	.02	.1
667 - 64	61473	.04	.2
667 - 65	61474	.03	.2
667 - 66	61475	.02	.2
667 - 67	61476	.02	.1
667 - 68	61477	.01	.2
667 - 69	61478	.02	.1
667 - 70	61479	.02	.1
667 - 71	61480	.01	<.1
667 - 72	61481	.03	.2
667 - 73	61482	.02	.2
667 - 74	61483	.02	.3
667 - 75	61484	.02	.2
667 - 76	61485	<.03	.5
667 - 77	61486	<.03	.3
667 - 78	61487	.03	.2
667 - 79	61488	.03	.3
667 - 80	61489	.02	.3
667 - 81	61490	.03	.2
667 - 82	61491	.03	.2
667 - 83	61492	.03	.2
667 - 84	61493	.01	.2
667 - 85	61494	.03	.3
667 - 86	61495	.03	.2
667 - 87	61496	.09	.2
667 - 88	61497	.08	.1
667 - 89	61498	.08	.2
667 - 90	61499	.09	.2

E

PER  Sonja Benescek, Certified Assayer

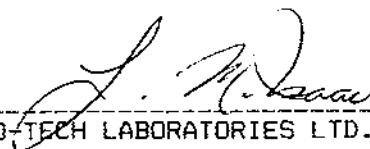
Granges Exploration

November 26, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
667 - 91	61500	.07	.2
667 - 92	61501	.06	.2
667 - 93	61502	.07	.3
667 - 94	61503	.07	.2
667 - 95	61504	.06	.2
667 - 96	61505	.05	.2
667 - 97	65017	.08	.5

E

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.

PER Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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*pd*

WIN-142

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 27, 1987

CERTIFICATE OF ANALYSIS ETK 87-669

CLIENT: Branges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 97 core samples received November 16, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
WIN 142 669 - 1	61506	.06	.1
669 - 2	61507	<.03	.1
669 - 3	61508	.06	.4
669 - 4	61509	.05	.3
669 - 5	61510	.05	.3
669 - 6	61511	.04	.3
669 - 7	61512	.04	.2
669 - 8	61513	<.03	.4
669 - 9	61514	<.03	.2
669 - 10	61515	<.03	.2
669 - 11	61516	<.03	.1
669 - 12	61517	.06	.1
669 - 13	61518	.04	.2
669 - 14	61519	.04	.2
669 - 15	61520	.07	.1
669 - 16	61521	.06	.3
669 - 17	61522	.07	.2
669 - 18	61523	.07	.3
669 - 19	61524	.07	<.1
669 - 20	61525	.12	.2

*E*


*[Signature]*  
PCF Sonja Benischek, Certified Assayer

November 27, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
669 - 21	61526	.07	.2
669 - 22	61527	.07	<.1
669 - 23	61528	.06	.2
669 - 24	61529	.05	.1
669 - 25	61530	.06	<.1
669 - 26	61531	.06	.1
669 - 27	61532	.06	.1
669 - 28	61533	.05	1.8
669 - 29	61534	.07	.1
669 - 30	61535	.06	.1
669 - 31	61536	.05	.1
669 - 32	61537	.06	<.1
669 - 33	61538	.05	<.1
669 - 34	61539	.05	<.1
669 - 35	61540	.05	.1
669 - 36	61541	.04	.1
669 - 37	61542	.05	.1
669 - 38	61543	.06	.2
669 - 39	61544	.06	.2
669 - 40	61545	.05	<.1
669 - 41	61546	.08	.1
669 - 42	61547	.07	.1
669 - 43	61548	.06	.2
669 - 44	61549	.07	.2
669 - 45	61550	.05	.3
669 - 46	61551	.04	.2
669 - 47	61552	.04	.2
669 - 48	61553	.04	.3
669 - 49	61554	.04	.1
669 - 50	61555	.07	.2
669 - 51	61556	.06	.2
669 - 52	61557	.05	.3
669 - 53	61558	.06	.3
669 - 54	61559	.05	.2
669 - 55	61560	.05	.5

E

Per


  
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 Sonja Benischek, Certified Assayer




Granges Exploration

November 27, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
669 - 91	61596	.04	.2
669 - 92	61597	.06	.3
669 - 93	61598	.06	.4
669 - 94	61599	.08	.3
669 - 95	61600	.05	.1
669 - 96	61601	.04	.1
669 - 97	61602	.08	.1

E

NOTE: < = less than

*Per*   
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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SE/jmb

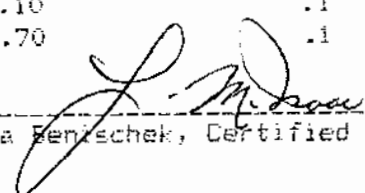
c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 4 of 4

## Granges Exploration

November 27, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
669 - 56	61561	.05	.2
669 - 57	61562	.06	.4
669 - 58	61563	.05	.3
669 - 59	61564	.04	.3
669 - 60	61565	.06	.1
669 - 61	61566	.05	.1
669 - 62	61567	.04	.1
669 - 63	61568	.04	.1
669 - 64	61569	.04	.2
669 - 65	61570	.04	.1
669 - 66	61571	.05	.2
669 - 67	61572	.06	.2
669 - 68	61573	.06	.2
669 - 69	61574	.06	.1
669 - 70	61575	.05	.3
669 - 71	61576	.06	.1
669 - 72	61577	.04	.1
669 - 73	61578	.05	.3
669 - 74	61579	.04	<.1
669 - 75	61580	.04	.1
669 - 76	61581	.07	.4
669 - 77	61582	.07	.1
669 - 78	61583	.04	.1
669 - 79	61584	.03	<.1
669 - 80	61585	.04	.1
669 - 81	61586	.03	.1
669 - 82	61587	.05	.2
669 - 83	61588	.05	.1
669 - 84	61589	.03	.1
669 - 85	61590	.03	<.1
669 - 86	61591	.06	.3
669 - 87	61592	.04	.2
669 - 88	61593	.06	.1
669 - 89	61594	.10	.1
669 - 90	61595	.70	.1

PER  Sonja Benischek, Certified Assayer



*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

November 17, 1987

CERTIFICATE OF ANALYSIS ETK 87-648

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 51 core samples received November 9, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
648 - 1	65465	.08	.2
648 - 2	65466	.09	.3
648 - 3	65467	.10	.4
648 - 4	65468	.16	.3
648 - 5	65469	.14	.3
648 - 6	65470	.10	.4
648 - 7	65471	.09	.3
648 - 8	65472	.42	.7
648 - 9	65473	.13	.4
648 - 10	65474	.09	.3
648 - 11	65475	.15	.5
648 - 12	65476	.10	.2
648 - 13	65477	.09	.4
648 - 14	65478	.09	.4
648 - 15	65479	.16	.5
648 - 16	65480	.11	.3
648 - 17	65481	.10	.2
648 - 18	65482	.09	.3
648 - 19	65483	.11	.4
648 - 20	65484	.19	.3

*S. Benischek*  
Sonja Benischek, Certified Assayer

Granges Exploration

November 17, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
648 - 21	65485	.07	.4
648 - 22	65486	.10	.3
648 - 23	65487	.15	.3
648 - 24	65488	.09	.2
648 - 25	65489	.07	.1
648 - 26	65490	.09	.3
648 - 27	65491	.12	.6
648 - 28	65492	.12	.3
648 - 29	65493	.18	.3
648 - 30	65494	.09	.2
648 - 31	65495	.11	.4
648 - 32	65496	.09	.3
648 - 33	65497	.09	.4
648 - 34	65498	.08	.2
648 - 35	65499	.06	.1
648 - 36	65500	.16	.3
648 - 37	65501	.12	.5
648 - 38	65502	.11	.3
648 - 39	65503	.32	.4
648 - 40	65504	.06	.1
648 - 41	65505	.11	.4
648 - 42	65506	.08	.4
648 - 43	65507	.08	.3
648 - 44	65508	.08	.2
648 - 45	65509	.10	.4
648 - 46	65510	.08	.4
648 - 47	65511	.08	.3
648 - 48	65512	.07	.3
648 - 49	65513	.09	.4
648 - 50	65514	.07	.5
648 - 51	65515	.09	.8

S. Benischek  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb  
c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 1, 1987

CERTIFICATE OF ANALYSIS ETK 87-691

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 119 core samples received November 24, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
WIN 143			
691 - 1	59356	.07	.9
691 - 2	59357	.04	.9
691 - 3	59358	.11	1.1
691 - 4	59359	.10	1.2
691 - 5	59360	.14	1.1
691 - 6	59361	.21	1.1
691 - 7	59362	.22	1.2
691 - 8	59363	.08	1.2
691 - 9	59364	.10	1.5
691 - 10	59365	.12	1.1
691 - 11	59366	.25	1.7
691 - 12	59367	.03	1.0
691 - 13	59368	.07	.9
691 - 14	59369	.04	1.0
691 - 15	59370	.08	.7
691 - 16	59371	.03	1.3
691 - 17	59372	.03	.9
691 - 18	59373	<.03	.7
691 - 19	59374	<.03	.8
691 - 20	59375	.04	.8

*S. Benischek*  
-----  
Sonja Benischek, Certified Assayer

## Granges Exploration

December 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
691 - 21	59376	.05	.7
691 - 22	59377	.06	.6
691 - 23	59378	.04	.7
691 - 24	59379	.07	.7
691 - 25	59380	.05	.7
691 - 26	59381	.07	.8
691 - 27	59382	.05	.7
691 - 28	59383	.07	1.0
691 - 29	59384	.11	.8
691 - 30	59385	.05	.7
691 - 31	59386	.08	.9
691 - 32	59387	.05	.9
691 - 33	59388	.11	.6
691 - 34	59389	.09	1.2
691 - 35	59390	.06	.6
691 - 36	59391	.07	1.1
691 - 37	59392	.09	.8
691 - 38	59393	.04	.7
691 - 39	59394	.05	.9
691 - 40	59395	.44	1.1
691 - 41	59396	.13	.7
691 - 42	59397	.06	.8
691 - 43	59398	.19	1.3
691 - 44	59399	.10	1.1
691 - 45	59400	.11	1.2
691 - 46	59401	.13	1.3
691 - 47	59402	.11	1.2
691 - 48	59403	.05	.8
691 - 49	59404	.09	.6
691 - 50	59405	.08	.9
691 - 51	59406	.09	.8
691 - 52	59407	.08	.7
691 - 53	59408	.05	.8
691 - 54	59409	.03	.9
691 - 55	59410	<.03	1.0

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

December 1, 1987

<u>EIK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
691 - 56	59411	.05	.9
691 - 57	59412	.05	.8
691 - 58	59413	.03	.7
691 - 59	59414	.05	.7
691 - 60	59415	.04	.7
691 - 61	59416	.03	.7
691 - 62	59417	<.03	.8
691 - 63	59418	<.03	.8
691 - 64	59419	<.03	.8
691 - 65	59420	.08	.7
691 - 66	59421	.03	.6
691 - 67	59422	.04	.6
691 - 68	59423	<.03	.7
691 - 69	59424	<.03	.8
691 - 70	59425	<.03	.6
691 - 71	59426	<.03	.6
691 - 72	59427	<.03	.7
691 - 73	59428	.04	.8
691 - 74	59429	.04	.7
691 - 75	59430	.03	.5
691 - 76	59431	<.03	.6
691 - 77	59432	.10	1.0
691 - 78	59433	.11	1.1
691 - 79	59434	.13	1.2
691 - 80	59435	.05	.8
691 - 81	59436	.05	.7
691 - 82	59437	.04	.8
691 - 83	59438	.05	1.1
691 - 84	59439	.05	.9
691 - 85	59440	.04	.8
691 - 86	59441	.08	.9
691 - 87	59442	.03	.7
691 - 88	59443	<.03	.7
691 - 89	59444	.06	.5
691 - 90	59445	.04	.6

S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

December 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
691 - 91	59446	<.03	.6
691 - 92	59447	<.03	.8
691 - 93	59448	.06	.7
691 - 94	59449	.05	.7
691 - 95	59450	.03	.6
691 - 96	59451	.05	.8
691 - 97	59452	.04	1.0
691 - 98	59453	.05	.9
691 - 99	59454	.06	1.0
691 - 100	59455	.03	.6
691 - 101	59456	.06	.9
691 - 102	59457	.81	1.1
691 - 103	59458	.31	1.0
691 - 104	59459	.14	1.0
691 - 105	59460	.06	1.0
691 - 106	59461	.07	.9
691 - 107	59462	.08	1.2
691 - 108	59463	.03	.9
691 - 109	59464	.02	.6
691 - 110	59465	.15	1.5
691 - 111	59466	.10	.7
691 - 112	59467	.11	1.4
691 - 113	59468	.12	1.3
691 - 114	59469	.11	1.0
691 - 115	59470	.11	1.1
691 - 116	59471	.09	1.2
691 - 117	59472	.11	1.2
691 - 118	59473	.06	.8
691 - 119	65043	.12	1.2

NOTE: < = less than

*S. Benischek*  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"





ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

December 2, 1987

CERTIFICATE OF ANALYSIS ETK B7-692

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 60 core samples received November 24, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
WIN 149 692 - 1	59474	.04	.2
692 - 2	59475	.05	<.1
692 - 3	59476	.06	.1
692 - 4	59477	.06	<.1
692 - 5	59478	.03	.6
692 - 6	59479	1.53*	.3
692 - 7	59480	4.20*	.1
692 - 8	59481	.84	2.2
692 - 9	59482	.31	.3
692 - 10	59483	.22	2.7
692 - 11	59484	.54	3.3
692 - 12	59485	.47	1.6
692 - 13	59486	.09	1.7
692 - 14	59487	.10	1.6
692 - 15	59488	.12	1.2
692 - 16	59489	.07	.9
692 - 17	59490	.11	2.0
692 - 18	59491	.09	1.3
692 - 19	59492	.11	1.5
692 - 20	59493	.12	1.9

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 Sonja Benischek, Certified Assayer

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
692 - 21	59494	.29	1.4
692 - 22	59495	.42	1.1
692 - 23	59496	.05	.7
692 - 24	59497	.82	1.4
692 - 25	59498	.43	.8
692 - 26	59499	12.46*	5.6
692 - 27	65050	117.80*	28.4
692 - 28	65051	84.60*	24.3
692 - 29	65052	67.20*	14.6
692 - 30	65053	.44	5.1
692 - 31	65054	.52	1.7
692 - 32	65055	.11	2.3
692 - 33	65056	.10	.8
692 - 34	65057	.48	2.7
692 - 35	65058	.26	2.6
692 - 36	65059	.57	1.3
692 - 37	65060	.14	.4
692 - 38	65061	.22	.5
692 - 39	65062	2.59*	2.2
692 - 40	65063	.18	.5
692 - 41	65064	.40	1.9
692 - 42	65065	.04	.3
692 - 43	65066	.09	.6
692 - 44	65067	.08	.7
692 - 45	65068	.65	.8
692 - 46	65069	.15	1.9
692 - 47	65070	.12	1.5
692 - 48	65071	.17	1.3
692 - 49	65072	.06	.8
692 - 50	65073	.46	1.9
692 - 51	65074	.30	1.8
692 - 52	65075	.16	2.0
692 - 53	65076	.19	1.9
692 - 54	65077	.25	2.3
692 - 55	65078	.11	1.4

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Granges Exploration

December 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
692 - 56	65079	.28	2.1
692 - 57	65080	.14	.7
692 - 58	65081	.09	.9
692 - 59	65082	.12	1.7
692 - 60	65083	.03	.5

NOTE: < = less than  
\* sample screened and  
metallics assayed

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SB/jmb

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REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

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ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

December 2, 1987

CERTIFICATE OF ANALYSIS ETK 87-690

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 36 core samples received November 24, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
690 - 1	59320	.53	.2
690 - 2	59321	.19	.4
690 - 3	59322	.10	.1
690 - 4	59323	.05	<.1
690 - 5	59324	.10	<.1
690 - 6	59325	.33	.2
690 - 7	59326	.06	.2
690 - 8	59327	.07	.1
690 - 9	59328	.24	.2
690 - 10	59329	.26	.3
690 - 11	59330	.19	.1
690 - 12	59331	.07	<.1
690 - 13	59332	.10	.2
690 - 14	59333	.08	.2
690 - 15	59334	.08	.2
690 - 16	59335	.09	.1
690 - 17	59336	.08	.1
690 - 18	59337	.06	.2
690 - 19	59338	.11	.5
690 - 20	59339	.44	1.3

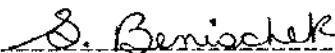
*S. Benischek*  
 Sonja Benischek, Certified Assayer

Granges Exploration

December 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
690 - 21	59340	.13	.8
690 - 22	59341	.21	.3
690 - 23	59342	.08	.1
690 - 24	59343	.09	.2
690 - 25	59344	.07	.2
690 - 26	59345	.08	.4
690 - 27	59346	.06	.1
690 - 28	59347	.07	.2
690 - 29	59348	.10	.2
690 - 30	59349	.11	.5
690 - 31	59350	.14	.8
690 - 32	59351	.07	.4
690 - 33	59352	.11	.1
690 - 34	59353	.12	.2
690 - 35	59354	.16	.6
690 - 36	59355	.21	.3

NOTE: < = less than

  
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B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 2, 1987

CERTIFICATE OF ANALYSIS ETK 87-697

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 17 core samples received November 25, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
697 - 1	61600	.03	.4
697 - 2	61603	<.03	.1
697 - 3	61604	.03	.3
697 - 4	61605	<.03	.8
697 - 5	61607	<.03	.4
697 - 6	61608	.04	.5
697 - 7	61609	<.03	.4
697 - 8	61610	<.03	.2
697 - 9	61611	.05	.6
697 - 10	61612	.07	.7
697 - 11	61613	.03	.4
697 - 12	61614	<.03	.3
697 - 13	61615	.04	.3
697 - 14	61616	<.03	.2
697 - 15	61617	.24	.3
697 - 16	61618	<.03	.2
697 - 17	61619	<.03	.3

NOTE: < = less than

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-----  
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B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: KAMLOOPS

FLIN FLON — LA RONGE — BURNABY



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 1, 1987

CERTIFICATE OF ANALYSIS ETK 87-683

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 88 core samples received November 20, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
W I N I A O 683 - 1	59233	.10	.9
683 - 2	59234	.10	1.1
683 - 3	59235	.04	.2
683 - 4	59236	.09	.4
683 - 5	59237	.05	.3
683 - 6	59238	.03	<.1
683 - 7	59239	.07	.6
683 - 8	59240	.09	.7
683 - 9	59241	.16	1.0
683 - 10	59242	.15	.9
683 - 11	59243	.07	.5
683 - 12	59244	.12	.6
683 - 13	59245	.13	1.0
683 - 14	59246	.05	.4
683 - 15	59247	.14	.6
683 - 16	59248	.15	1.3
683 - 17	59249	.30	2.0
683 - 18	59250	.30	1.5
683 - 19	59251	.30	1.3
683 - 20	59252	.14	.9

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Granges Exploration

December 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
683 - 21	59253	.10	.6
683 - 22	59254	.20	.7
683 - 23	59255	.64	.5
683 - 24	59256	.15	.7
683 - 25	59257	.10	.5
683 - 26	59258	.14	.6
683 - 27	59259	.17	1.6
683 - 28	59260	.12	1.0
683 - 29	59261	.14	1.0
683 - 30	59262	.15	1.3
683 - 31	59263	.18	1.7
683 - 32	59264	.35	2.7
683 - 33	59265	.53	2.5
683 - 34	59266	.11	.8
683 - 35	59267	.11	.5
683 - 36	59268	.12	.6
683 - 37	59269	.06	.3
683 - 38	59270	.06	.3
683 - 39	59271	.15	.9
683 - 40	59272	.14	1.1
683 - 41	59273	.13	.6
683 - 42	59274	.11	.3
683 - 43	59275	.04	.3
683 - 44	59276	.05	.2
683 - 45	59277	.05	.2
683 - 46	59278	.10	.4
683 - 47	59279	.07	.3
683 - 48	59280	.09	.3
683 - 49	59281	.12	.3
683 - 50	59282	.08	.2
683 - 51	59283	.15	.3
683 - 52	59284	.06	.3
683 - 53	59285	.07	.3
683 - 54	59286	.06	.1
683 - 55	59287	.07	.4

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Granges Exploration

December 1, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
683 - 56	59288	.05	.2
683 - 57	59289	.05	.2
683 - 58	59290	.05	.2
683 - 59	59291	.06	.3
683 - 60	59292	.07	.4
683 - 61	59293	.04	.3
683 - 62	59294	.06	.3
683 - 63	59295	.05	.2
683 - 64	59296	.07	.4
683 - 65	59297	.03	.2
683 - 66	59298	.04	.2
683 - 67	59299	.07	.4
683 - 68	59300	.07	.6
683 - 69	59301	.06	.5
683 - 70	59302	.07	.6
683 - 71	59303	.08	.7
683 - 72	59304	.06	.6
683 - 73	59305	.09	.7
683 - 74	59306	.12	.8
683 - 75	59307	.09	.6
683 - 76	59308	.07	.5
683 - 77	59309	.05	.4
683 - 78	59310	.09	.5
683 - 79	59311	.03	.2
683 - 80	59312	.08	.3
683 - 81	59313	.09	.4
683 - 82	59314	.07	.2
683 - 83	59315	.11	.3
683 - 84	59316	.09	.5
683 - 85	59317	.04	.2
683 - 86	59318	.04	.1
683 - 87	59319	.06	.3
683 - 88	65042	.03	.1

NOTE: < = less than

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B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveau  
"Hold for Pickup"

**ECO-TECH** LABORATORIES LTD.



*pd*

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 4, 1987

CERTIFICATE OF ANALYSIS ETK 87-694

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zhitnoff

SAMPLE IDENTIFICATION: 1 soil and 72 core samples received November 24, 1987  
PROJECT: -----

ETK#	Description	Au (ppb)	Au (g/t)	Ag (ppm)	Ag (g/t)
694 - 1	12400 N - 5975E	20		.3	
<i>WIN-144</i> 694 - 2	61620		.05		.4
694 - 3	61621		.02		.3
694 - 4	61622		.03		.3
694 - 5	61623		.04		.4
694 - 6	61624		<.03		.2
694 - 7	61625		<.03		.2
694 - 8	61626		<.03		.2
694 - 9	61627		<.03		.3
694 - 10	61628		<.03		.2
694 - 11	61629		<.03		.3
694 - 12	61630		<.03		.1
694 - 13	61631		<.03		.4
694 - 14	61632		<.03		.3
694 - 15	61633		<.03		.4
694 - 16	61634		<.03		.4
694 - 17	61635		<.03		.3
694 - 18	61636		<.03		.2
694 - 19	61637		<.03		.2
694 - 20	61638		.03		.3

*E*

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December 4, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
694 - 21	61639	.04	.2
694 - 22	61640	.03	.4
694 - 23	61641	.04	.4
694 - 24	61642	.06	.3
694 - 25	61643	.03	.1
694 - 26	61644	.05	.7
694 - 27	61645	.03	.2
694 - 28	61646	.03	.3
694 - 29	61647	.06	.2
694 - 30	61648	.05	.3
694 - 31	61649	.03	.4
694 - 32	61650	<.03	.3
694 - 33	61651	.03	.2
694 - 34	61652	.06	.4
694 - 35	61653	.03	.3
694 - 36	61654	<.03	.4
694 - 37	61655	<.03	.3
694 - 38	61656	<.03	.3
694 - 39	61657	<.03	.3
694 - 40	61658	<.03	.3
694 - 41	61659	.07	.2
694 - 42	61660	.03	.3
694 - 43	61661	.03	.3
694 - 44	61662	.04	.3
694 - 45	61663	.04	.3
694 - 46	61664	<.03	.2
694 - 47	61665	<.03	.4
694 - 48	61666	.04	.3
694 - 49	61667	.03	.2
694 - 50	61668	.06	.3
694 - 51	61669	.23	.4
694 - 52	61670	2.05	.9
694 - 53	61671	1.84	1.2
694 - 54	61672	.06	.5
694 - 55	61673	.11	.5

E

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Granges Exploration

December 4, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
694 - 56	61674	.03	1.1
694 - 57	61675	.06	.5
694 - 58	61676	<.03	.4
694 - 59	61677	<.03	.5
694 - 60	61678	<.03	.5
694 - 61	61679	.03	.6
694 - 62	61680	<.03	.4
694 - 63	61681	<.03	.5
694 - 64	61682	<.03	.5
694 - 65	61683	<.03	.4
694 - 66	61684	<.03	.6
694 - 67	61685	<.03	.3
694 - 68	61686	<.03	.5
694 - 69	61687	<.03	.3
694 - 70	61688	<.03	.3
694 - 71	61689	.06	.3
694 - 72	61690	<.03	.3
694 - 73	61691	.04	.3

E

NOTE: < = less than

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B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 2, 1987

CERTIFICATE OF ANALYSIS ETK 87-665

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 86 core samples received November 16, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
665 - 1	59083	.03	.1
665 - 2	59084	.05	.2
665 - 3	59085	.04	.2
665 - 4	59086	.06	.3
665 - 5	59087	.03	.1
665 - 6	59088	.02	.2
665 - 7	59089	.01	.1
665 - 8	59090	.03	.1
665 - 9	59091	.05	.2
665 - 10	59092	.08	.7
665 - 11	59093	.10	.9
665 - 12	59094	.07	.4
665 - 13	59095	.06	.3
665 - 14	59096	.45	.3
665 - 15	59097	.15	.4
665 - 16	59098	.08	.3
665 - 17	59099	.06	.4
665 - 18	59100	.08	.4
665 - 19	59101	.04	.3
665 - 20	59102	.03	.2

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## Granges Exploration

December 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
665 - 21	59103	.04	.3
665 - 22	59104	.05	.1
665 - 23	59105	.04	.2
665 - 24	59106	.07	.3
665 - 25	59107	.11	.5
665 - 26	59108	.06	.4
665 - 27	59109	.07	.4
665 - 28	59110	.06	.3
665 - 29	59111	.05	.3
665 - 30	59112	.06	.4
665 - 31	59113	.05	.2
665 - 32	59114	.15	.4
665 - 33	59115	.07	.3
665 - 34	59116	.01	.2
665 - 35	59117	.02	.2
665 - 36	59118	.04	.2
665 - 37	59119	.07	.1
665 - 38	59120	.06	.2
665 - 39	59121	.05	.2
665 - 40	59122	.05	<.1
665 - 41	59123	.06	.1
665 - 42	59124	.06	.2
665 - 43	59125	.07	.1
665 - 44	59126	.05	<.1
665 - 45	59127	.05	<.1
665 - 46	59128	.36	.2
665 - 47	59129	.06	.2
665 - 48	59130	.05	.1
665 - 49	59131	.08	.2
665 - 50	59132	.03	.4
665 - 51	59133	.06	.2
665 - 52	59134	.04	.3
665 - 53	59135	.07	.4
665 - 54	59136	.05	.1
665 - 55	59137	.10	.1

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Sonja Benischek, Certified Assayer

Granges Exploration

December 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
665 - 56	59138	.06	.1
665 - 57	59139	.04	.2
665 - 58	59140	.06	.2
665 - 59	59141	.05	.2
665 - 60	59142	.05	.1
665 - 61	59143	.04	.2
665 - 62	59144	.29	.1
665 - 63	59145	.04	.2
665 - 64	59146	.07	.1
665 - 65	59147	.10	.1
665 - 66	59148	3.26*	.1
665 - 67	59149	.09	.1
665 - 68	59150	.05	.3
665 - 69	59151	.05	.2
665 - 70	59152	.06	<.1
665 - 71	59153	.11	.6
665 - 72	59154	.08	.3
665 - 73	59155	.15	1.0
665 - 74	59156	.14	.9
665 - 75	59157	.11	.8
665 - 76	59158	.11	.7
665 - 77	59159	.12	.9
665 - 78	59160	.07	<.1
665 - 79	59161	.68	.9
665 - 80	59162	.57	1.2
665 - 81	59163	.48	1.4
665 - 82	59164	.08	.3
665 - 83	59165	.13	1.7
665 - 84	59166	.08	.6
665 - 85	59167	.22	1.7
665 - 86	59168	.17	1.7

NOTE: < = less than  
\* sample screened and  
          metallics assayed

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ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb  
c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"



ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

December 2, 1987

CERTIFICATE OF ANALYSIS ETK 87-668

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 64 core samples received November 16, 1987  
 PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
668 - 1	59169	.27	1.2
668 - 2	59170	.37	.8
668 - 3	59171	.98	1.5
668 - 4	59172	.15	1.9
668 - 5	59173	.26	1.9
668 - 6	59174	.30	1.2
668 - 7	59175	.28	4.2
668 - 8	59176	.03	1.4
668 - 9	59177	.14	.6
668 - 10	59178	.06	1.5
668 - 11	59179	.11	.8
668 - 12	59180	.22	1.1
668 - 13	59181	.21	.9
668 - 14	59182	.07	1.1
668 - 15	59183	.07	.8
668 - 16	59184	.27	.7
668 - 17	59185	3.73*	2.4
668 - 18	59186	35.14*	6.3
668 - 19	59187	26.51*	1.5
668 - 20	59188	.19	1.2

*S. Benischek*  
 \_\_\_\_\_  
 Sonja Benischek, Certified Assayer



## Granges Exploration

December 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
668 - 21	59189	1.47	4.2
668 - 22	59190	.70	.5
668 - 23	59191	2.27	1.0
668 - 24	59192	2.15*	.9
668 - 25	59193	.76	1.4
668 - 26	59194	2.23	.6
668 - 27	59195	.38	.4
668 - 28	59196	.95	.4
668 - 29	59197	.79	.5
668 - 30	59198	8.42*	1.4
668 - 31	59199	14.25	2.8
668 - 32	59200	5.67*	.6
668 - 33	59201	.51	.3
668 - 34	59202	.90	.7
668 - 35	59203	.27	.4
668 - 36	59204	.09	.2
668 - 37	59205	<.03	.2
668 - 38	59206	<.03	.3
668 - 39	59207	.27	.6
668 - 40	59208	.40	.7
668 - 41	59209	.98	1.2
668 - 42	59210	.12	1.1
668 - 43	59211	.22	.8
668 - 44	59212	.29	.4
668 - 45	59213	.45	.8
668 - 46	59214	.12	1.3
668 - 47	59215	.16	.4
668 - 48	59216	.34	.9
668 - 49	59217	.20	.7
668 - 50	59218	.39	.6
668 - 51	59219	.12	.5
668 - 52	59220	.06	.7
668 - 53	59221	.15	.8
668 - 54	59222	.73	1.1
668 - 55	59223	1.93	1.1

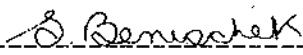
S. Benischek  
Sonja Benischek, Certified Assayer

Granges Exploration

December 2, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
668 - 56	59224	.07	.5
668 - 57	59225	.08	.6
668 - 58	59226	.21	1.4
668 - 59	59227	.16	1.4
668 - 60	59228	.19	1.5
668 - 61	59229	.14	1.2
668 - 62	59230	.05	.5
668 - 63	59231	.20	.9
668 - 64	59232	.11	.9

NOTE: < = less than  
\* sample screened and  
metallics assayed

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 3 of 3



ENVIRONMENTAL TESTING  
 GEOCHEMISTRY  
 ANALYTICAL CHEMISTRY  
 ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
 Telex: 048-8393

December 2, 1987

CERTIFICATE OF ANALYSIS ETK 87-693

CLIENT: Granges Exploration Ltd.  
 2300, 885 West Georgia Street  
 VANCOUVER, B.C.  
 V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 9 sludge samples received November 24, 1987  
 PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> (g/t)	<u>Ag</u> (g/t)
W I N I G I 693 - 1	32833	.26	.5
693 - 2	32834	.20	.4
693 - 3	32835	.06	.2
693 - 4	32836	.07	6.1
W I N I S E 693 - 5	32837	.03	.3
693 - 6	32839	<.03	.1
693 - 7	32840	.16	.2
693 - 8	32841	<.03	.1
693 - 9	32842	<.03	.1

NOTE: < = less than

*S. Benischek*  
 -----  
 ECO-TECH LABORATORIES LTD.  
 Sonja Benischek,  
 B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
 c/o Greyhound  
 REVELSTONE, B.C.  
 Attention: Pat Deveaux  
 "Hold for Pickup"



10

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops. B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 4, 1987

CERTIFICATE OF ANALYSIS ETK 87-703

CLIENT: Oranges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 46 core samples received November 30, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
703 - 1	65084	.09	.5
703 - 2	65085	.15	.8
703 - 3	65086	.21	1.5
703 - 4	65087	.20	1.9
703 - 5	65088	.19	1.7
703 - 6	65089	.09	<.1
703 - 7	65090	.17	.3
703 - 8	65091	.09	<.1
703 - 9	65092	.10	.1
703 - 10	65093	.10	.2
703 - 11	65094	.13	.9
703 - 12	65095	.12	.2
703 - 13	65096	.09	<.1
703 - 14	65097	.19	.6
703 - 15	65098	1.87	2.3
703 - 16	65099	.42	.8
703 - 17	65100	2.35	1.1
703 - 18	65101	1.47	.6
703 - 19	65102	.28	.7
703 - 20	65103	.19	.3

*[Signature]*  
Sonja Benzschel, Certified Assayer

Granges Exploration

December 4, 1987

<u>EIK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
703 - 21	65104	.18	1.2
703 - 22	65105	.20	.9
703 - 23	65106	.16	1.4
703 - 24	65107	.11	.4
703 - 25	65108	.53	.8
703 - 26	65109	.25	1.3
703 - 27	65110	.14	.1
703 - 28	65111	.11	<.1
703 - 29	65112	.12	.5
703 - 30	65113	.21	1.9
703 - 31	65114	.19	1.3
703 - 32	65115	.08	.7
703 - 33	65116	.15	1.0
703 - 34	65117	.32	1.7
703 - 35	65118	1.12	1.8
703 - 36	65119	.39	.7
703 - 37	65120	.27	.4
703 - 38	65121	2.73	1.4
703 - 39	65122	2.37	1.1
703 - 40	65123	.07	1.0
703 - 41	65124	.09	.9
703 - 42	65125	.27	1.5
703 - 43	65126	.16	1.2
703 - 44	65127	.13	1.0
703 - 45	65128	<.03	.2
703 - 46	65129	.04	.2

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SR/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 2 of 2



P)

ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

December 10, 1987

CERTIFICATE OF ANALYSIS ETK 87-706

CLIENT: Granges Exploration Ltd.  
2300, 585 West Georgia Street  
VANCOUVER, B.C.  
V6C 3E8

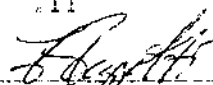
ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 100 core samples received November 30, 1987  
PROJECT: 224

ETK#	Description	Au (g/t)	Ag (g/t)
706 - 1	61692	.03	.2
706 - 2	61693	<.03	<.1
706 - 3	61694	<.03	.2
706 - 4	61695	<.03	.3
706 - 5	61696	<.03	.3
706 - 6	61697	.03	.2
706 - 7	61698	.05	.4
706 - 8	61699	<.03	.1
706 - 9	61700	<.03	.4
706 - 10	61701	.04	.3
706 - 11	61702	<.03	.1
706 - 12	61703	<.03	.2
706 - 13	61704	.05	.2
706 - 14	61705	.07	<.1
706 - 15	61706	.03	.1
706 - 16	61707	.03	.1
706 - 17	61708	.04	.1
706 - 18	61709	.03	.2
706 - 19	61710	.04	.1
706 - 20	61711	.06	.4

*[Signature]*  
Sonja Bartschek, Certified Assayer

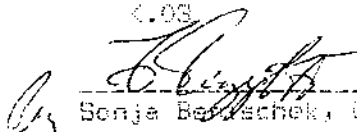
ETK#	Description	Au (g/t)	Ag (g/t)
706 - 21	61712	.03	.1
706 - 22	61713	.05	.2
706 - 23	61714	.04	.2
706 - 24	61715	<.03	.2
706 - 25	61716	.05	.3
706 - 26	61717	.07	.5
706 - 27	61718	.03	.4
706 - 28	61719	.05	.4
706 - 29	61720	.05	.3
706 - 30	61721	.06	.7
706 - 31	61722	.07	.6
706 - 32	61723	.05	.3
706 - 33	61724	<.03	.1
706 - 34	61725	.04	.5
706 - 35	61726	.06	.2
706 - 36	61727	.04	.3
706 - 37	61728	.10	.7
706 - 38	61729	.04	.4
706 - 39	61730	.09	.5
706 - 40	61731	.08	.4
706 - 41	61732	.09	.2
706 - 42	61733	.05	.1
706 - 43	61734	.09	<.1
706 - 44	61735	.10	.1
706 - 45	61736	.09	.1
706 - 46	61737	.07	.1
706 - 47	61738	.09	.1
706 - 48	61739	.04	.2
706 - 49	61740	.10	<.1
706 - 50	61741	.12	.1
706 - 51	61742	.09	.2
706 - 52	61743	.10	.1
706 - 53	61744	.12	.1
706 - 54	61745	.12	.2
706 - 55	61746	.11	<.1

  
 Sonja Benischek, Certified Assayer

Granges Exploration

December 10, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
706 - 56	61747	.11	<.1
706 - 57	61748	.10	<.1
706 - 58	61749	.10	.1
706 - 59	61750	.12	<.1
706 - 60	61751	.12	.2
706 - 61	61752	.09	.1
706 - 62	61753	.13	.1
706 - 63	61754	.12	<.1
706 - 64	61755	.13	<.1
706 - 65	61756	.10	<.1
706 - 66	61757	.11	<.1
706 - 67	61758	.09	<.1
706 - 68	61759	.12	<.1
706 - 69	61760	.12	.3
706 - 70	61761	.10	.2
706 - 71	61762	.13	.1
706 - 72	61763	.12	.2
706 - 73	61764	.14	.3
706 - 74	61765	.12	.2
706 - 75	61766	.13	.3
706 - 76	61767	.11	.3
706 - 77	61768	<.03	.4
706 - 78	61769	<.03	.4
706 - 79	61770	<.03	.2
706 - 80	61771	<.03	.5
706 - 81	61772	<.03	.2
706 - 82	61773	<.03	<.1
706 - 83	61774	<.03	.1
706 - 84	61775	<.03	.2
706 - 85	61776	<.03	.1
706 - 86	61777	<.03	.1
706 - 87	61778	<.03	.3
706 - 88	61779	<.03	.5
706 - 89	61780	<.03	.1
706 - 90	61781	<.03	.2

  
 -----  
 Sonja Beszchek, Certified Assayer

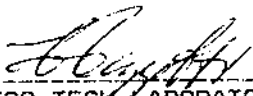


Granges Exploration

December 10, 1987

<u>ETKN</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
706 - 91	61782	.06	.4
706 - 92	61783	.20	.4
706 - 93	61784	.05	.1
706 - 94	61785	.26	.6
706 - 95	61786	.78	1.1
706 - 96	61787	1.30	1.5
706 - 97	61788	1.03	1.0
706 - 98	61789	.86	.7
706 - 99	61790	2.00	1.2
706 - 100	61791	2.23	1.3

NOTE: < = less than

  
-----  
ECO-TECH LABORATORIES LTD.  
Sonja Benischek,  
B.C. Certified Assayer

SB/jmb

c.c. Granges Exploration  
c/o Greyhound  
REVELSTOKE, B.C.  
Attention: Pat Deveaux  
"Hold for Pickup"

Page 4 of 4



**ENVIRONMENTAL TESTING  
GEOCHEMISTRY  
ANALYTICAL CHEMISTRY  
ASSAYING**

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700  
Telex: 048-8393

January 7, 1988

CERTIFICATE OF ANALYSIS ETK B7-714

CLIENT: Granges Exploration Ltd.  
2300, 885 West Georgia Street  
VANCOUVER, B.C.  
V6D 3E9

ATTENTION: Mr. George Zbitnoff

SAMPLE IDENTIFICATION: 106 core samples received December 7, 1987  
PROJECT: 224

<u>ETK#</u>	<u>Description</u>	<u>Au (g/t)</u>	<u>Ag (g/t)</u>
714 - 1	61792	1.22	.9
714 - 2	61793	1.07	.7
714 - 3	61794	.24	<.1
714 - 4	61795	.12	<.1
714 - 5	61796	.09	<.1
714 - 6	61797	.30	<.1
714 - 7	61798	.42	.5
714 - 8	61799	.11	<.1
714 - 9	61800	1.40	4.9
714 - 10	61801	.34	<.1
714 - 11	61802	.37	1.7
714 - 12	61803	.86	2.6
714 - 13	61804	.05	<.1
714 - 14	61805	.05	<.1
714 - 15	61806	.04	<.1
714 - 16	61807	1.28	2.2
714 - 17	61808	.16	.1
714 - 18	61809	.15	.1
714 - 19	61810	.33	<.1
714 - 20	61811	.14	<.1

win-144

*Frank J. Pezzotti*  
Frank J. Pezzotti, Certified Assayer

<u>ELY#</u>	<u>Description</u>	<u>As</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
714 - 21	61812	.05	<.1
714 - 22	61813	.19	.4
714 - 23	61814	.13	<.1
714 - 24	61815	.14	<.1
714 - 25	61816	.14	.3
714 - 26	61817	.15	.2
714 - 27	61818	.11	.1
714 - 28	61819	.14	.4
714 - 29	61820	.10	<.1
714 - 30	61821	.20	<.1
714 - 31	61822	.04	<.1
714 - 32	61823	.07	<.1
714 - 33	61824	.08	<.1
714 - 34	61825	.05	<.1
714 - 35	61826	.08	<.1
714 - 36	61827	.07	<.1
714 - 37	61828	.11	.1
714 - 38	61829	.08	<.1
714 - 39	61830	.09	<.1
714 - 40	61831	.11	<.1
714 - 41	61832	.09	<.1
714 - 42	61833	.07	<.1
714 - 43	61834	.12	<.1
714 - 44	61835	.25	<.1
714 - 45	61836	.08	<.1
714 - 46	61837	.12	.1
714 - 47	61838	.25	.7
714 - 48	61839	2.26	4.6
714 - 49	61840	.45	<.1
714 - 50	61841	.11	<.1
714 - 51	61842	1.97	1.2
714 - 52	61843	.98	<.1
714 - 53	61844	.05	<.1
714 - 54	61845	.13	<.1
714 - 55	61846	.28	.1

*Douglas Howard Fox*  
 Frank J. Mezzolani, Certified Assayer

Granges Exploration

January 7, 1988

<u>TRK#</u>	<u>Description</u>	<u>Au</u> <u>(g/t)</u>	<u>Ag</u> <u>(g/t)</u>
714 - 56	61847	.11	<.1
714 - 57	61848	.14	<.1
714 - 58	61849	.09	.1
714 - 59	61850	.08	<.1
714 - 60	61851	.07	<.1
714 - 61	61852	.05	<.1
714 - 62	61853	.19	<.1
714 - 63	61854	.22	<.1
714 - 64	61855	.22	.1
714 - 65	61856	.13	<.1
714 - 66	61857	.07	<.1
714 - 67	61858	.40	.4
714 - 68	61859	.14	<.1
714 - 69	61860	.22	<.1
714 - 70	61861	.15	<.1
714 - 71	61862	.08	<.1
714 - 72	61863	1.24	.6
714 - 73	61864	.08	<.1
714 - 74	61865	.15	<.1
714 - 75	61866	.17	<.1
714 - 76	61867	.53	.3
714 - 77	61868	.38	<.1
714 - 78	61869	.44	<.1
714 - 79	61870	.10	<.1
714 - 80	61871	1.46	.2
714 - 81	61872	1.24	.5
714 - 82	61873	.63	<.1
714 - 83	61874	.14	<.1
714 - 84	61875	.10	<.1
714 - 85	61876	.09	<.1
714 - 86	61877	.16	<.1
714 - 87	61878	.08	<.1
714 - 88	61879	.25	<.1
714 - 89	61880	.53	.1
714 - 90	61881	.55	<.1

144

*Frank J. Peacotti*  
 Frank J. Peacotti, Certified Assayer

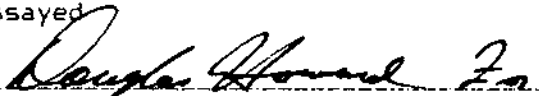
Granges Exploration

January 7, 1988

<u>EIK#</u>	<u>Description</u>	<u>Ag</u> <u>(g/t)</u>	<u>Au</u> <u>(g/t)</u>
714 - 91	61882	2.99	1.4
714 - 92	61883	.59	<.1
714 - 93	61884	24.17*	4.1
714 - 94	61885	2.56	1.9
714 - 95	61886	.54	<.1
714 - 96	61887	.14	<.1
714 - 97	61888	.16	<.1
714 - 98	61889	.15	<.1
714 - 99	61890	.21	<.1
714 - 100	61891	.15	.1
714 - 101	61892	.14	.1
714 - 102	61893	.15	.4
714 - 103	61894	.18	.6
714 - 104	61895	.09	<.1
714 - 105	61896	.14	.2
714 - 106	61897	.10	.2

NOTE: < = less than

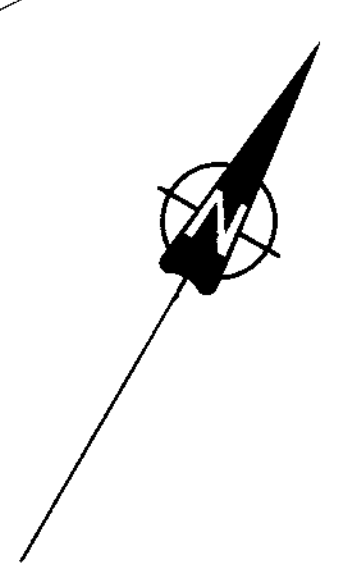
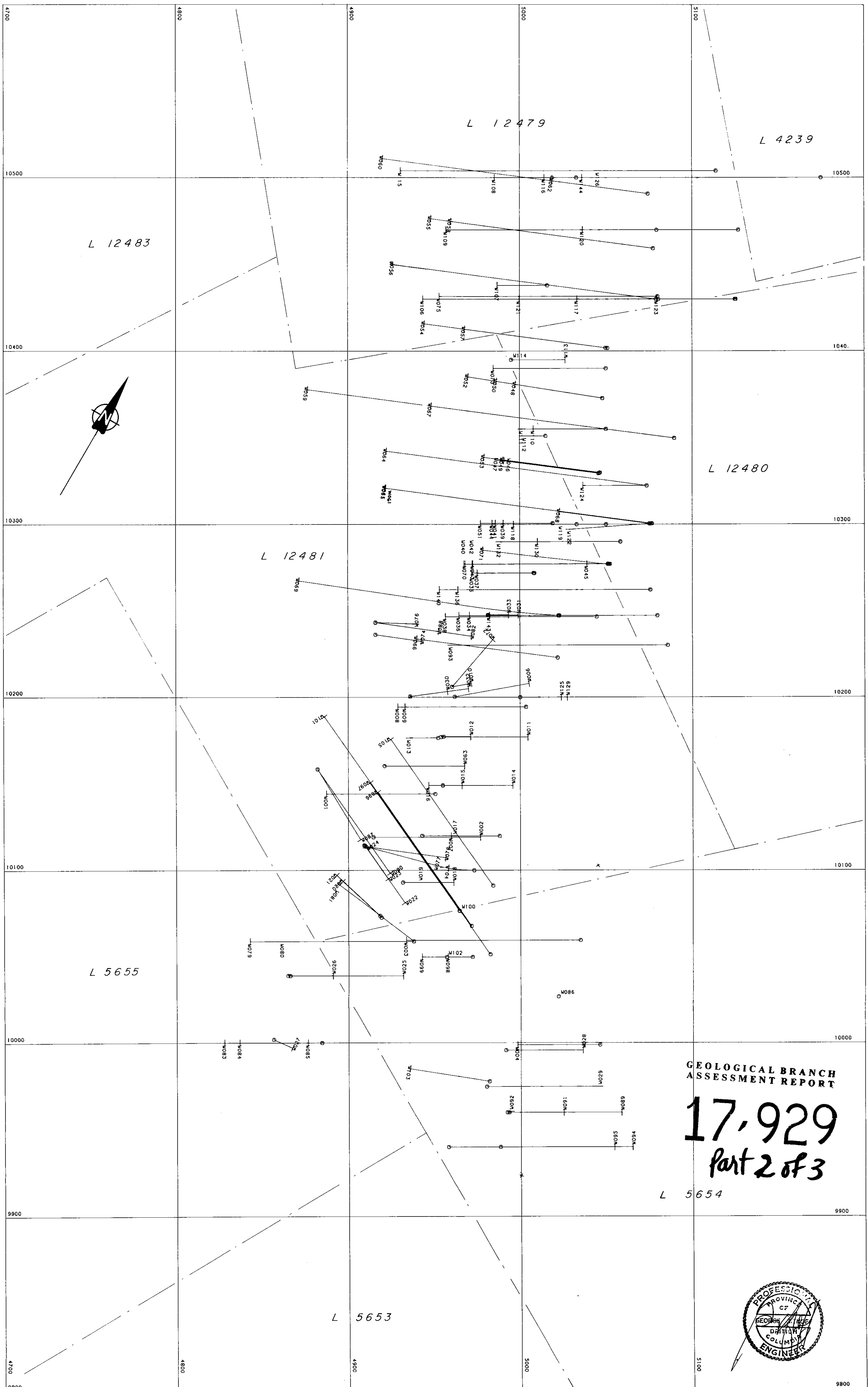
\* sample screened and metallics assayed

  
ECHO-TECH LABORATORIES LTD.  
Frank J. Pezzotti, A.Sc.T.  
B.C. Certified Assayer

FJP/job

c.c. Granges Exploration  
c/o Grayhound  
REVELSTOKE, B.C.  
Attention: Pat Bevan  
"Hold for Pickup"

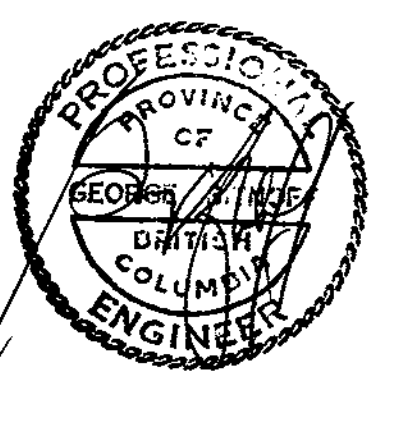
Page 4 of 4



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

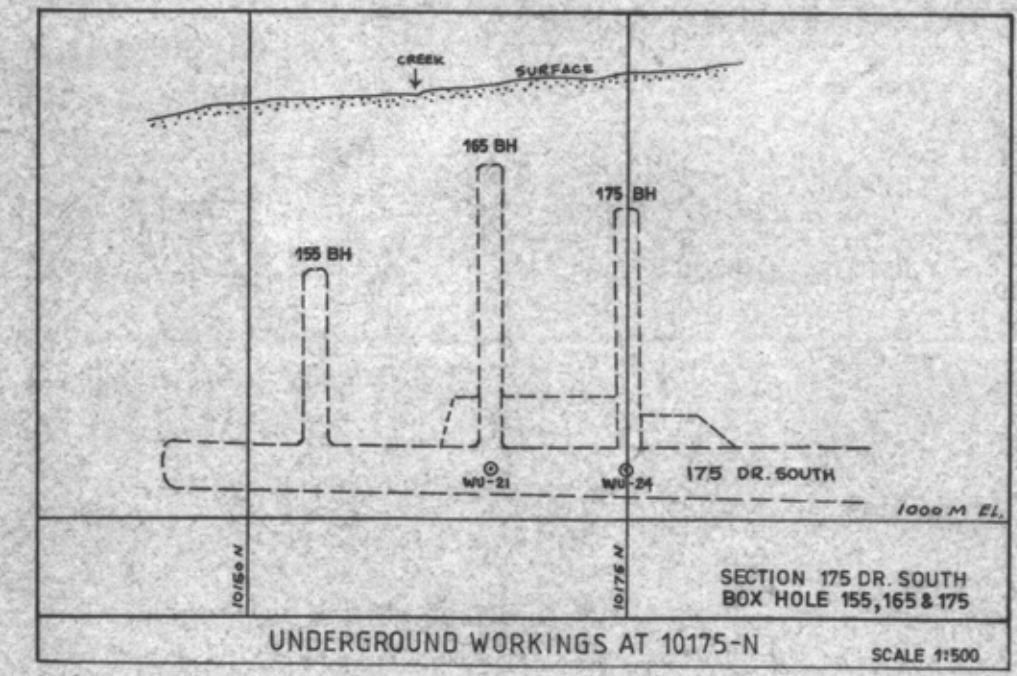
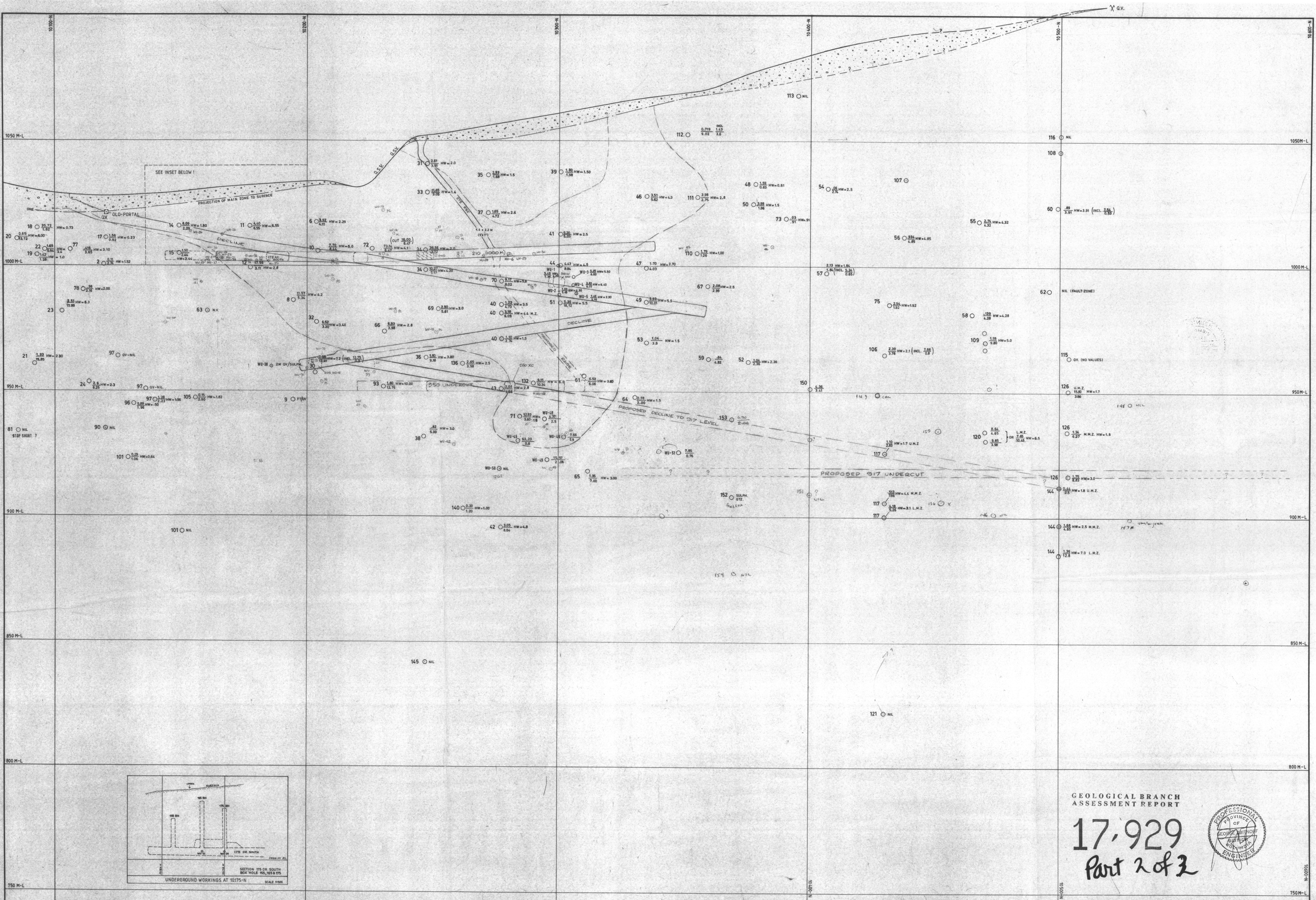
**17,929**  
Part 2 of 3

L 5654



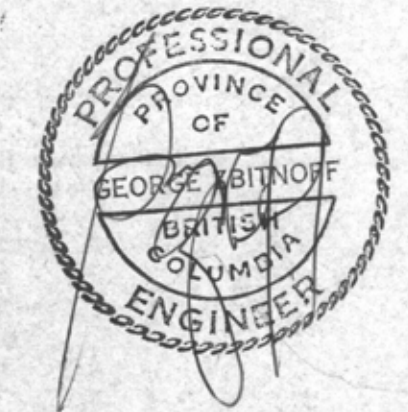
LEGEND	DRAWN BY: PAL	GRANGES EXPLORATION LTD. VANCOUVER OFFICE	DH COLLAR PLAN WINDFLOWER PROJECT REVELSTOKE AREA - B.C.	SCALE: 1:1000
	DATE: 20/01/88			PROJECT NO.: 224
				N.T.S. NO.:





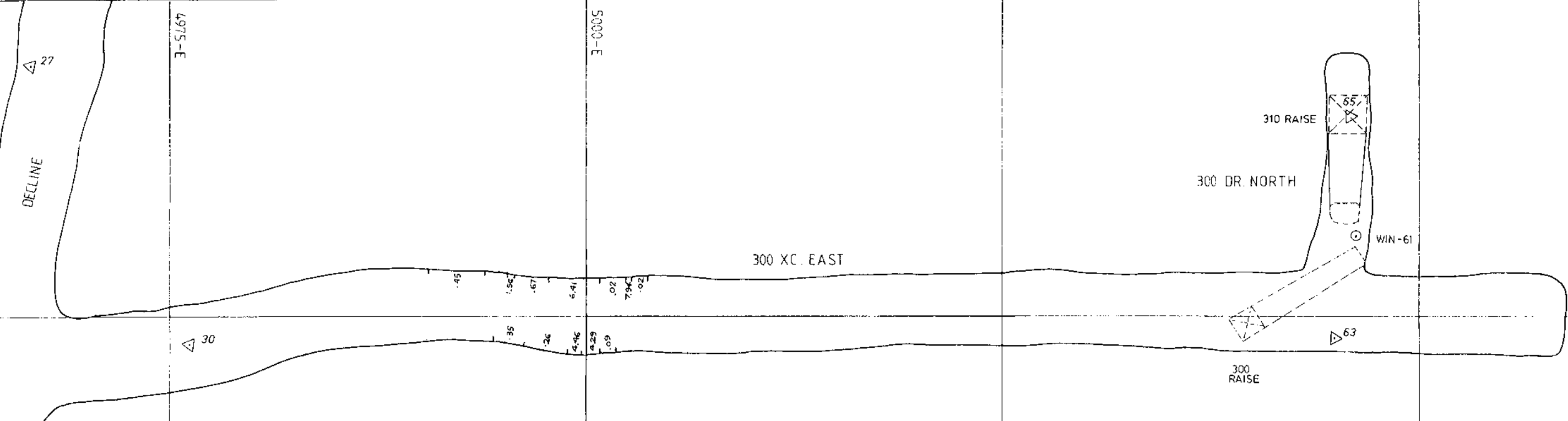
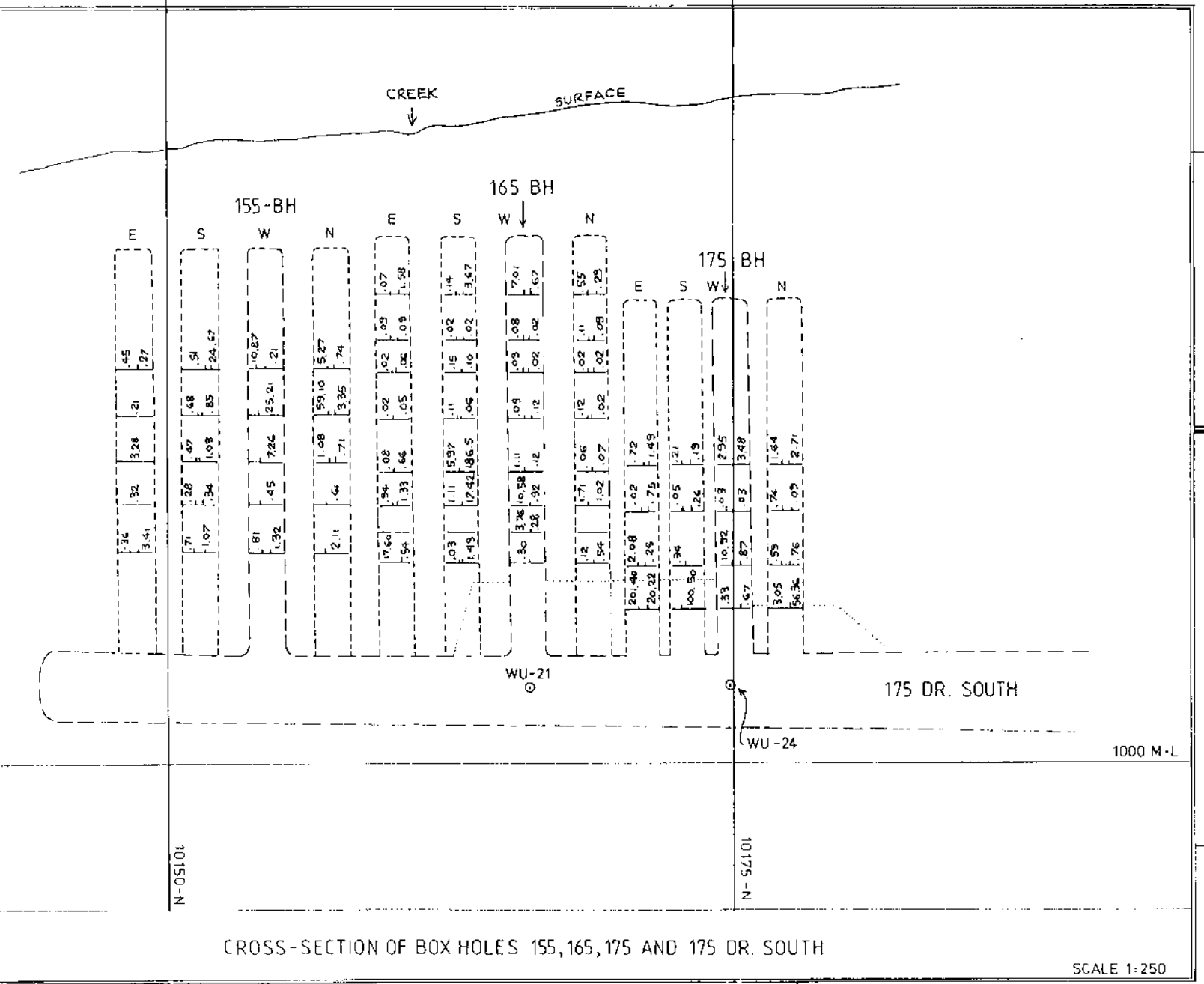
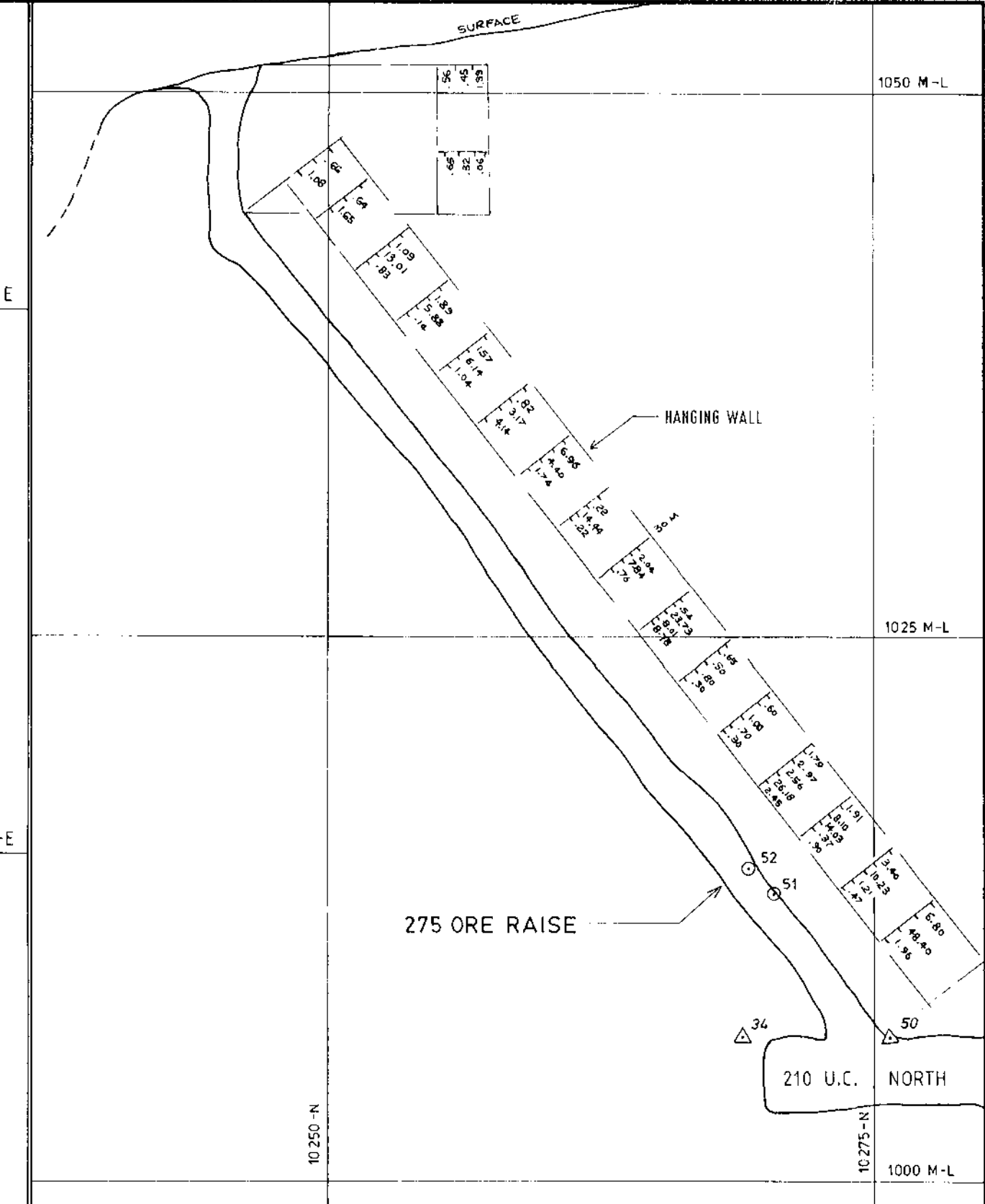
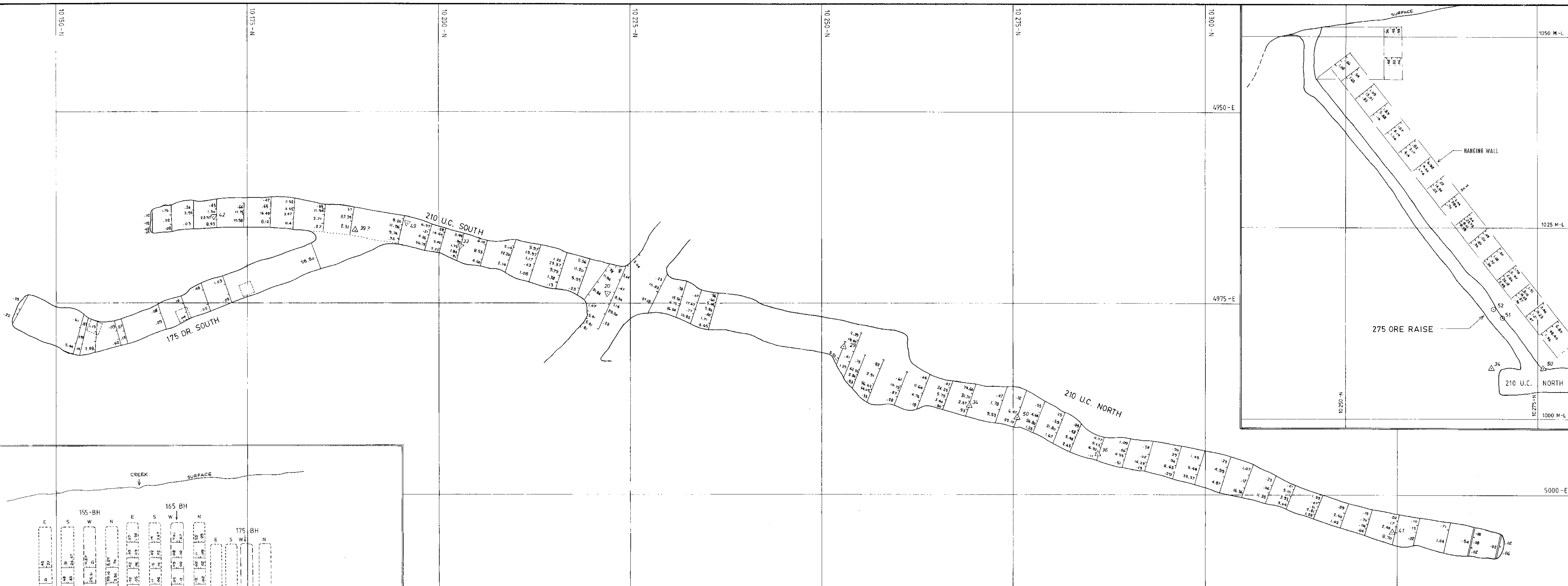
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

17,929  
Part 2 of 2



DRAWN BY: P.V. DATE: MAY 1988	<b>GRANGES EXPLORATION LTD.</b> VANCOUVER, B.C.	<b>LONGITUDINAL PROJECTION</b> WINDFLOWER JOINT VENTURE CAMBORNE AREA	SCALE: 1:500 PROJECT No.: 224-1
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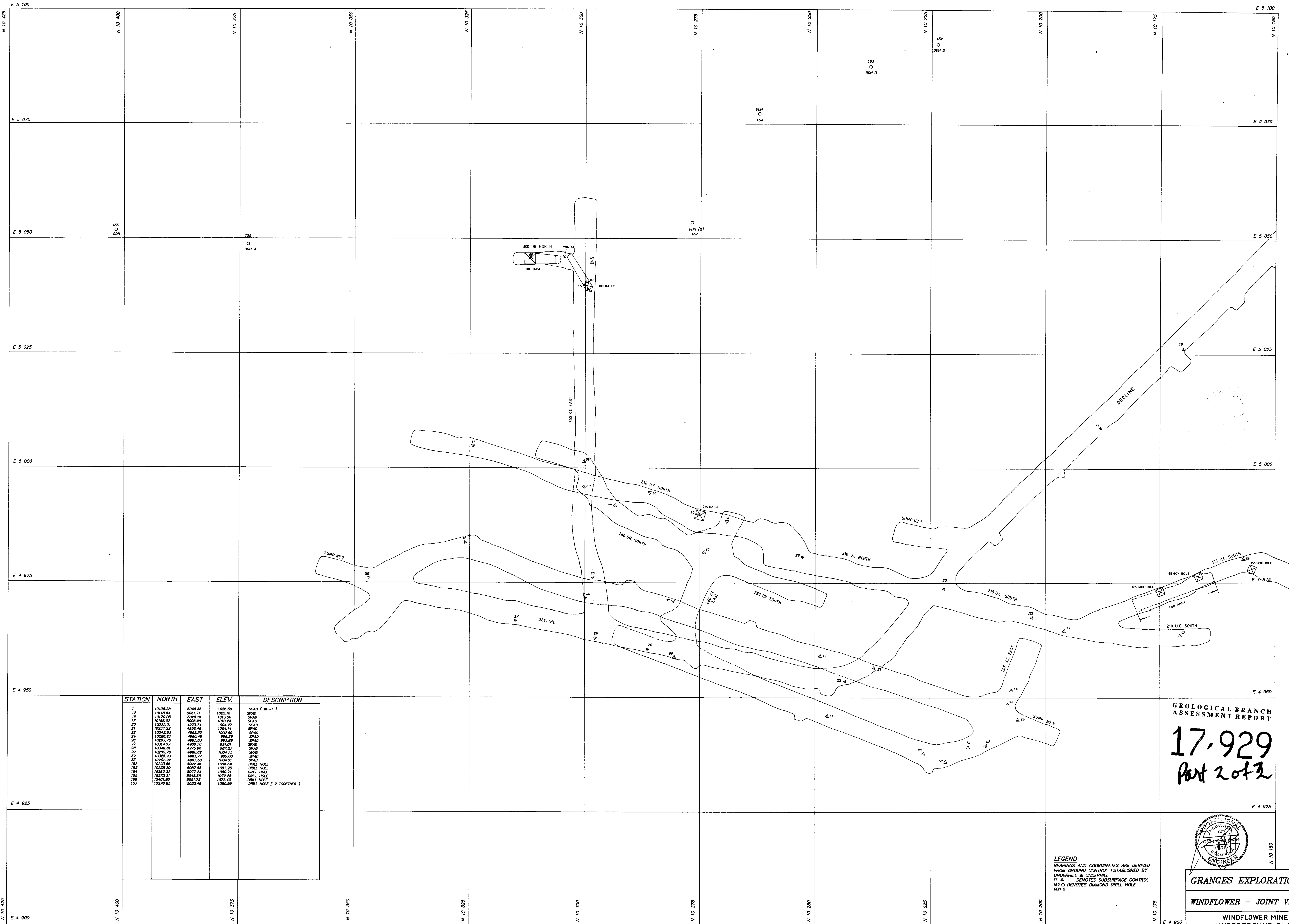
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**17,929**  
Part 2 of 3



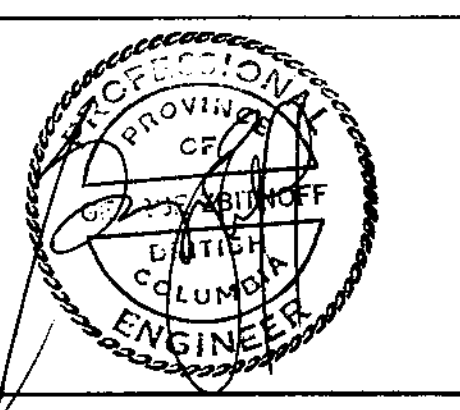
DRAWN BY: P.V. DATE: AUG. 1988	<b>GRANGES EXPLORATION LTD.</b>	CHIP SAMPLE LOCATIONS ON THE 175 DR., 210 U.C., 280 DR., 300 XC & BOX HOLES 155, 165, 175 & 275 ORE RAISE WINDFLOWER JOINT VENTURE CAMBORNE AREA REVELSTOCK MINING DIVISION, B.C.	SCALE: 1:250 PROJECT No.: 224-2 N.T.S. No.: 82 K / 13 E
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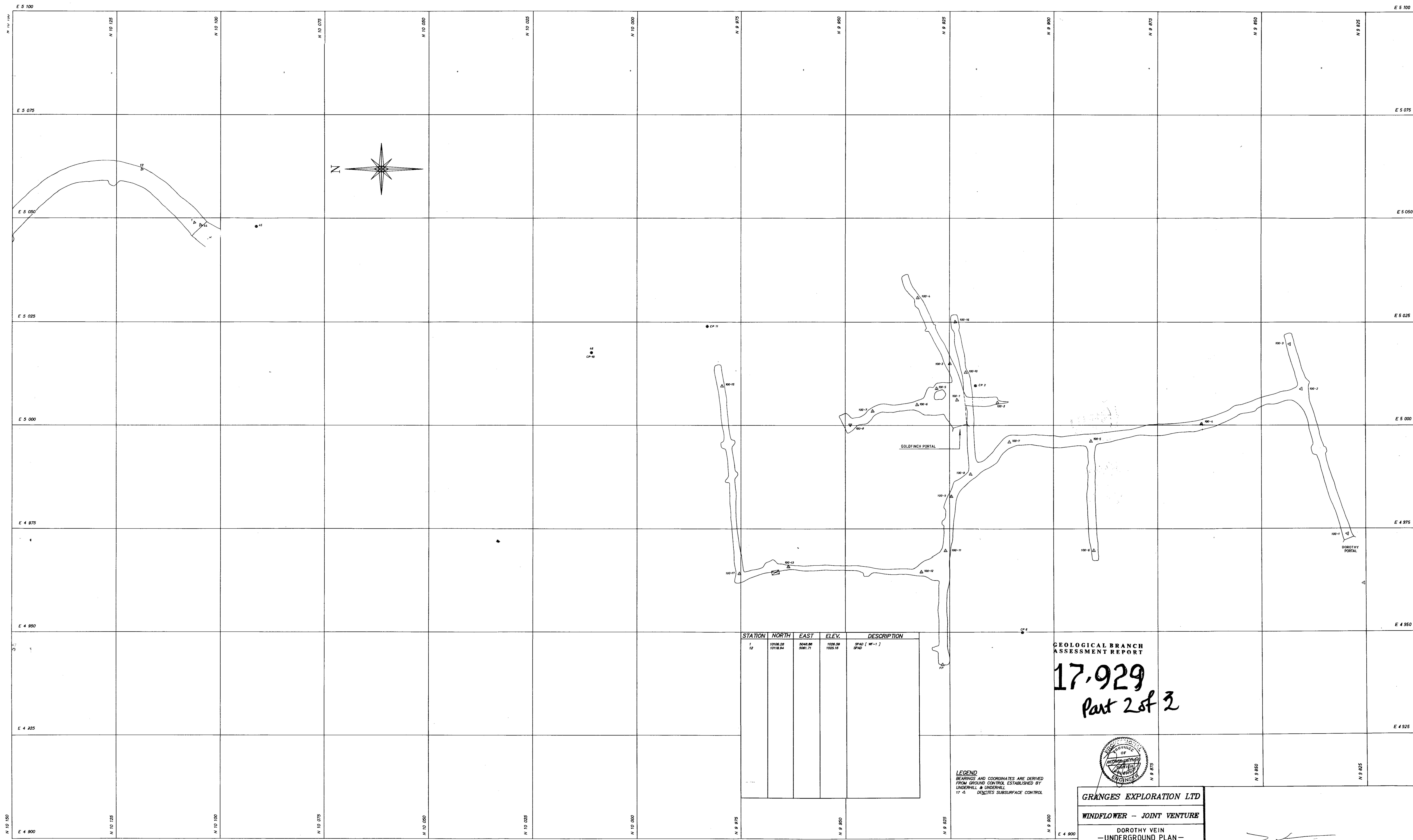
STATION	NORTH	EAST	ELEV.	DESCRIPTION
1	10106.28	5046.66	1036.59	SPAD (WF-1)
12	10116.84	5061.71	1025.16	SPAD
16	10120.05	5026.18	1013.50	SPAD
17	10188.02	5008.85	1010.24	SPAD
20	10225.01	4973.34	1004.27	SPAD
21	10237.22	4966.46	1004.14	SPAD
22	10241.61	4963.52	1002.88	SPAD
24	10286.27	4965.48	998.29	SPAD
26	10297.70	4963.52	997.27	SPAD
27	10314.97	4966.70	991.01	SPAD
28	10346.61	4970.96	987.27	SPAD
29	10252.78	4980.82	1004.73	SPAD
32	10326.63	4982.77	986.00	SPAD
33	10202.92	4967.50	1004.27	SPAD
152	10253.68	5082.46	1056.59	DRILL HOLE
153	10238.20	5067.58	1057.23	DRILL HOLE
154	10262.32	5077.24	1060.21	DRILL HOLE
155	10373.27	5046.68	1072.28	DRILL HOLE
156	10401.80	5057.75	1072.40	DRILL HOLE
157	10278.85	5053.49	1060.99	DRILL HOLE [ 2 TOGETHER ]

GEOLOGICAL BRANCH  
ASSESSMENT REPORT  
**17.929**  
Part 2 of 2



LEGEND  
BEARINGS AND COORDINATES ARE DERIVED FROM GROUND CONTROL ESTABLISHED BY UNDERHILL & UNDERHILL  
17 Δ DENOTES SUBSURFACE CONTROL  
152 O DENOTES DIAMOND DRILL HOLE  
DWH 2

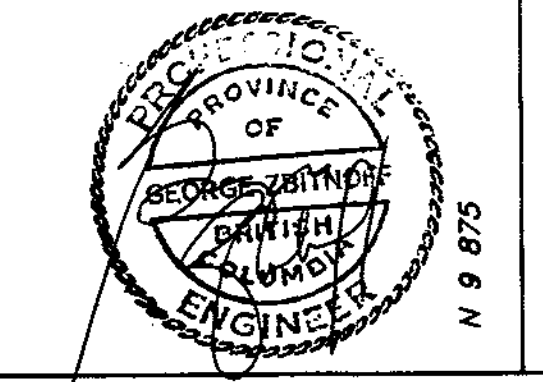
**GRANGES EXPLORATION LTD**  
WINDFLOWER - JOINT VENTURE  
WINDFLOWER MINE  
- UNDERGROUND PLAN -  
SCALE: 1 : 250 DRAWN BY: DWG. 224-3  
DATE: APP'D BY: NO:  
SOUKUP ENGINEERING SURVEYS LTD  
9980 124A ST. SURREY, B.C. V3V4W5 TEL 581 4245  
FILE 1388-2



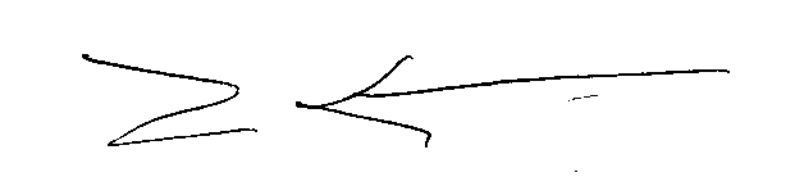
STATION	NORTH	EAST	ELEV.	DESCRIPTION
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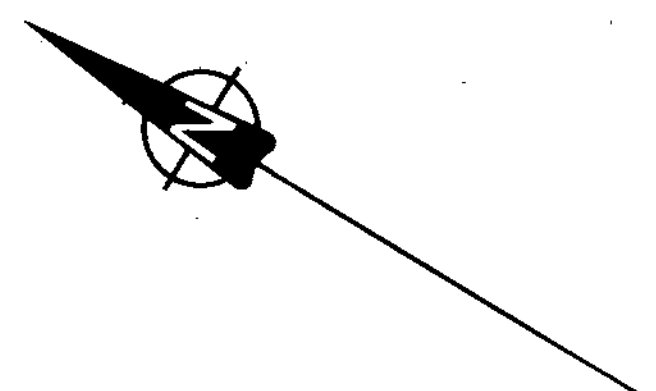
GEOLOGICAL BRANCH  
 ASSESSMENT REPORT  
**17,929**  
 Part 2 of 3

LEGEND  
 BEARINGS AND COORDINATES ARE DERIVED FROM GROUND CONTROL ESTABLISHED BY UNDERMILL & UNDERHALL 17-4. TRIANGLES SUBSURFACE CONTROL

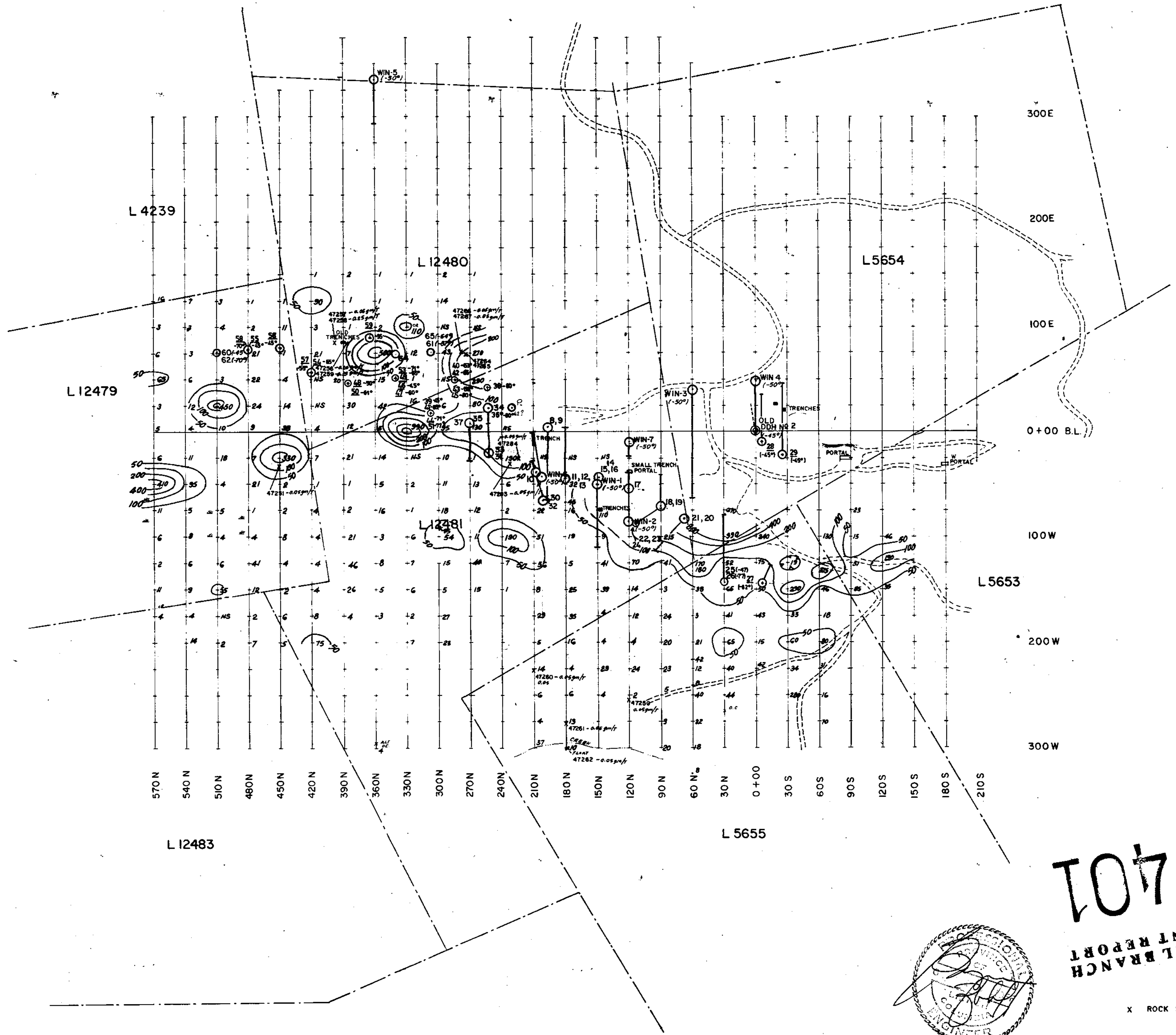


**GRANGES EXPLORATION LTD**  
**WINDFLOWER - JOINT VENTURE**  
 DOROTHY VEIN  
 - UNDERGROUND PLAN -  
 SCALE: 1 : 250    DRAWN BY:    DWG. 224-4  
 DATE:                    APP'D BY:                    NC:  
**SOUKUP ENGINEERING SURVEYS LTD**  
 8960 124A ST. SURREY, B.C. V3V4W5 TEL. 581 4245  
 FILE 1388-4

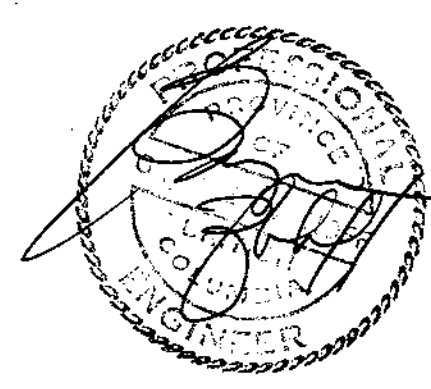




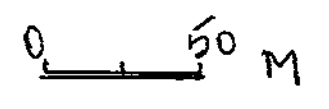
DOE  
2102 (7)



15,401  
GEOLOGICAL BRANCH  
ASSESSMENT REPORT



X ROCK SAMPLE LOCATION



DRAWN BY: C.U.	<b>GRANGES EXPLORATION LTD.</b> VANCOUVER, B. C.	<b>GOLD (PPB) GEOCHEM</b> <b>WINDFLOWER OPTION</b> TROUT LAKE AREA REVELSTOKE M.D., B. C.	SCALE: 1:2500
DATE: JUNE, 1986; NOV./86			PROJECT No.: 254
			N.T.S. No.: 83K-13E