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**Serengeti Resources Inc.**

**2006 GEOCHEMICAL REPORT ON THE CROY-BLOOM PROPERTY**

Located in the Kliyul Creek Area  
Omenica Mining Division  
NTS 94C/05  
56 degrees and 29 minutes North Latitude  
125 degrees and 58 minutes West Longitude

- prepared for -  
**SERENGETI RESOURCES INC.**  
Suite 500- 602 West Hastings Street  
Vancouver, B.C., Canada  
V6B 1P2

-by-  
D. W. Moore  
**GEOLOGICAL SURVEY BRANCH**  
**ASSESSMENT REPORT**

29,073

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APR 20 2007  
Gold Commissioner's Office  
VANCOUVER, B.C.

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## **2006 Geochemical report on the Croy-Bloom Property**

### **(1) SUMMARY**

The Croy-Bloom property covers 121,511 hectares (35 claims) in mountainous terrain in north-central British Columbia, approximately 245 kilometers northwest of Fort St. James. Access to the property is currently by helicopter with the nearest road in the Kliyul Creek valley in the southern part of the property. .

The property is located in the Quesnel Trough which hosts numerous alkalic porphyry copper-gold mines and deposits from southern to northern B.C., in dioritic and monzonitic plugs and stocks. The main ones in the area of the property are the Kemess mine and the Lorraine and Mt. Milligan deposits.

In 2006, Serengeti Resources carried out a program of stream sediment sampling and limited prospecting on the property in two separate stages. Helicopter supported silt sampling was conducted on the portion of the property lying north of Kliyul Creek in September 2006, and a separate program of silt sampling and prospecting was carried out using logging road access in Kliyul and Mesalinka valleys in October 2006. Sampling in the northern part of the property located three anomalous drainages as follows: 1) a very strong multi-sample Cu, Au, Ag anomaly related to the Shell Cu-Au showing located near western edge of the property; 2) a moderate to strong Cu-Mo anomaly associated with the Raven colour anomaly in the northeastern part of the property; and 3) a moderate, single sample Cu, Mo, Au anomaly draining the Bloom Cique prospective area in the central part of the property. The road based sampling and prospecting in the two major drainages in the southern half of the property was less successful. Extensive valley fill frustrated prospecting efforts and severe disruption of drainages by recent logging activity prevented sampling of most intended sites. Three modest Mo anomalies were located in the southwestern corner of the property indicating a possible extension to the south of the Davie Creek molybdenum system.

### **(2) INTRODUCTION**

The Croy-Bloom property was originally acquired in 2004 to cover copper-gold soil and rock anomalies, reported by Teck Corporation in Bloom cirque, that have excellent potential for alkalic porphyry copper-gold deposits. The property was greatly expanded by the acquisition of Northgate's adjacent property and by staking from then to present. This assessment report covers the results of a two phase program of silt geochemical sampling and limited prospecting conducted on the property in September and October of 2006.

### **(3) LOCATION AND ACCESS**

The Croy-Bloom property is situated in the Omenica Mining Division just south of Johanson Lake, approximately 245 kilometers northwest of Fort St. James (Plate 1). It is

located on NTS map sheet 94C/05, at latitude 56 degrees 29 minutes North and longitude 125 degrees and 58 minutes West.

Access to the property is by helicopter or from an active logging road in the southern part of the property. The property is in mountainous terrain with moderate to steep slopes rising from about 1,500m to 2,300m. It is alpine country above 1,600m with pine forests below.

#### (4) PROPERTY TITLE

The Croy-Bloom property consists of 35 contiguous mineral claims(121,511hectares, Plate 2), which are owned by Serengeti Resources Inc., and include the following record numbers:

Tenure #	Hectares	Original Record Date	New or Current Expiry Date
512344	446.35	10-May-05	10-May-09
512346	124.97	10-May-05	10-May-09
512350	321.89	10-May-05	10-May-09
513659	446.13	31-May-05	31-May-09
513660	196.32	31-May-05	31-May-09
514417	107.20	14-Oct-04	14-Oct-09
514418	357.41	20-Apr-04	20-Apr-10
514420	250.11	14-Oct-04	14-Oct-09
514421	357.40	20-Apr-04	20-Apr-10
514953	178.75	23-Jul-02	23-Mar-10
514954	589.46	11-Jul-02	23-Mar-10
514955	482.30	11-Jul-02	23-Mar-10
514956	536.24	11-Jul-02	23-Mar-10
514958	464.90	5-Jun-04	23-Mar-09
514959	644.02	23-Jul-02	23-Mar-09
514960	464.33	26-Mar-03	23-Mar-10
514961	589.23	26-Mar-03	23-Mar-10
514962	660.52	26-Mar-03	23-Mar-10
516035	518.38	11-Jul-02	23-Mar-10
522168	125.21	10-Nov-05	10-Nov-08
525275	447.00	13-Jan-06	13-Jan-08
526106	447.05	23-Jan-06	23-Jan-08
526107	35.77	23-Jan-06	23-Jan-08
528210	446.53	14-Feb-06	14-Feb-08
528211	446.74	14-Feb-06	14-Feb-08
528212	143.02	14-Feb-06	14-Feb-08
529981	160.82	13-Mar-06	13-Mar-08
530022	125.05	14-Mar-06	14-Mar-08
530142	89.30	17-Mar-06	17-Mar-08
532625	447.28	19-Apr-06	19-Apr-08
532627	447.41	19-Apr-06	19-Apr-08
532628	447.53	19-Apr-06	19-Apr-08
532630	447.63	19-Apr-06	19-Apr-08
532633	447.74	19-Apr-06	19-Apr-08
532637	71.66	19-Apr-06	19-Apr-08
<b>35 claims</b>	<b>12,511.63</b>		

## **(5) PROPERTY EXPLORATION HISTORY**

### **(5.1) Previous Work**

The earliest recorded work was in 1937 on the Croydon property owned by Consolidated Mining and Smelting Ltd. They explored copper-gold quartz veins on Croydon Creek with underground drifting and identified 100m long vein running 3 percent copper and 10g/t gold. Work was halted when the camp was destroyed in a forest fire.

Subsequent investigations (geophysical surveys, trenching and diamond drilling) by Consolidated Mining and Smelting Ltd., Bralorne, Noranda, Canex and Rio Tinto, in the 1950's and 1960's, failed to delineate economic mineralization in the area surrounding the Croydon mine.

In 1946 to 1948 numerous gold and base metal showings to the west of the Croydon mine were discovered. Subsequent investigations on the Shell prospect outlined 80,000 tons of three percent copper and 5.5g/t gold in chalcopyrite-pyrite-pyrrhotite veins. In 1988 and 1996 Pacific Rim drilled a number of holes in this prospect.

The Soup skarn, southwest of the Shell prospect, was staked in 1964. Vital Pacific drilled seven short holes in 1989 with the best intersection 0.17 percent Cu and 49.0g/tAu/3.2m.

Union Miniere Exploration Ltd.(UMEX)staked the Raven claims in 1970 to cover a strong copper stream sediment anomaly. Follow up soil sampling delineated a 1,200m by 750m copper soil anomaly. Drilling (about 300m) encountered only minor chalcopyrite mineralization.

In 1973, Stellac Explorations staked the Sarah claims, south of the Raven claims. Prospecting discovered widespread chalcopyrite and pyrite mineralization as disseminations and in fractures. No further work was apparently done.

Molybdenum potential in the Davie Creek stock was first recognized by Rio Tinto in 1964. Drilling from 1979 to 1982 by Teck Exploration and Chevron followed later by Teck and Getty intersected widespread low Mo mineralization with two better grade holes (81-4, 0.071%Mo/203m and 82-6, 0.052%Mo/195m). These encouraging results were not followed up.

In 1990 Teck Exploration acquired a large property and in 1990 and 1991 did extensive geological mapping, soil and rock sampling and 89km of IP on two targets exploring for alkalic porphyry copper-gold potential(assessment reports 21,521 and 22, 083). Drilling consisted of three holes (450m)on the Raven target. Two of these holes encountered weak copper and gold mineralization with the best hole 0.04%Cu and 0.004g/tAu/150m. Large copper/gold soil and rock anomalies, mainly in Bloom cirque, were not IP surveyed or drilled. Neither was a large, covered target that shows coincident IP and copper/gold soil anomalies just to the west of Bloom cirque (Croydon Creek area) and a covered IP anomaly in the vicinity of the Croydon Creek vein.

In 2004 Serengeti Resources did limited rock and soil sampling in Bloom cirque to check the geochemical results reported by Teck Explorations. The 2005 exploration program by Serengeti consisted of collecting 10 grab rock samples, 42 soil samples and conducting 8.9km of IP/magnetic surveys.

## **(5.2) 2006 Exploration Program**

The 2006 exploration program consisted of two stages. A one day helicopter supported stream sediment sampling program was conducted by Larry Hergott and Robin Malkow on September 16 and truck/fly camp supported silt sampling and prospecting was conducted in the period October 8-11, by Bruce Anderson and Will Fontain. Twenty one silt samples were collected in the first phase but only eight were collected in the second phase due to the extensive disruption of valley bottom drainages by recent logging. The state of these drainages and the overburden filled nature of the Kliyul and Mesalinka valleys is documented in a series of photographs in Appendix 2.

## **(6) REGIONAL GEOLOGY**

The Croy-Bloom property lies in the 1,300km long by 35km wide Quesnel Trough which hosts numerous alkalic porphyry copper-gold deposits from southern to northern B.C. In the area of the property the Kemess Mine is located 90km to the northwest while the Lorraine and Mt. Milligan deposits are found 50km and 180km to the southeast respectively. To the west, deformed and uplifted Permian Cache Creek Group rocks are separated from Quesnel Trough by the Pinchi fault. To the east, the Manson fault zone separates this belt from the uplifted Proterozoic/early Paleozoic Wolverine metamorphic complex and the Mississippian-Permian Slide Mountain and Cache Creek Groups.

In the Johanson Lake area the Talka Group sequence (Quesnel Trough) is dominated by alkalic to subalkalic dark green tuffs, andesitic to basaltic volcanic breccias and flows of similar composition. These volcanic rocks are intruded by syenite, monzonite, monzodiorite and diorite plug and stocks, which are associated with the porphyry copper-gold mineralization, and are coeval with the volcanic rocks.

## **(7) PROPERTY GEOLOGY**

This description of the geology of the Croy-Bloom property is largely taken from the geological mapping of Teck Explorations Ltd.. The rocks consist of fine grained diorite plugs/stocks and pyroxenite that cut Takla Group andesite (AR 21,521 and 22,083). In the Bloom cirque area, these rocks are moderately propylitized and show widespread malachite and chalcopyrite mineralization, over an area at least 1.8km by 1.6km, that is coincident with a strong copper and gold soil anomaly. One hundred and fifty-one rock samples, taken by Teck Explorations from this area, average 2,710ppm Cu and 230ppbAu.

## **(8) GEOCHEMISTRY, PROSPECTING**

The analytical result for copper, molybdenum, gold and silver are shown in Plates 4 to 8 respectively, with the full analytical results presented in Appendix 1. All samples collected were conventional stream silt samples, with the exception of samples 397264 and 397268 which were panned concentrate/heavy mineral samples. The full analytical results are shown in Appendix 2. All samples were analyzed in Teck Cominco's Global Discovery Labs in Vancouver by the ICP method with standards included with the samples (see Appendix 2).

Sampling in the northern part of the property located three anomalous drainages as follows: 1) a very strong multi-sample Cu, Au, Ag anomaly related to the Shell Cu-Au showing located near western edge of the property; 2) a moderate to strong Cu-Mo anomaly associated with the Raven colour anomaly in the northeastern part of the property; and 3) a moderate, single sample Cu, Mo, Au anomaly draining the Bloom Cique prospective area in the central part of the property. The road based sampling and prospecting in the two major drainages in the southern half of the property was less successful. Extensive valley fill frustrated prospecting efforts and severe disruption of drainages by recent logging activity prevented sampling of most intended sites. Three modest Mo anomalies were located in the southwestern corner of the property indicating a possible extension to the south of the Davie Creek molybdenum system.

As regards the prospecting effort, Bruce Anderson, who conducted the October program stated as follows: "The area was heavily timbered with balsam and spruce, valley bottom gently sloping to creek, average slope about 10 degrees. 2, west of 648350E, 6258600N on road way, rounded granitic boulders up to 2 meters dia are common, no mineralization or alteration seen. 3, one roadside outcrop seen, black unmineralized siltstone approx 4 meters exposed, located approximately at 319400E 6258000N Zone 10. 4, land has been extensively logged exposing cut banks up to ten meters deep of fine rounded glacial till. 5, most of drainages marked can not be found, most showing no gully, no sign of moving water, most of those found are only slightly boggy areas without a streambed."

## **(10) CONCLUSIONS**

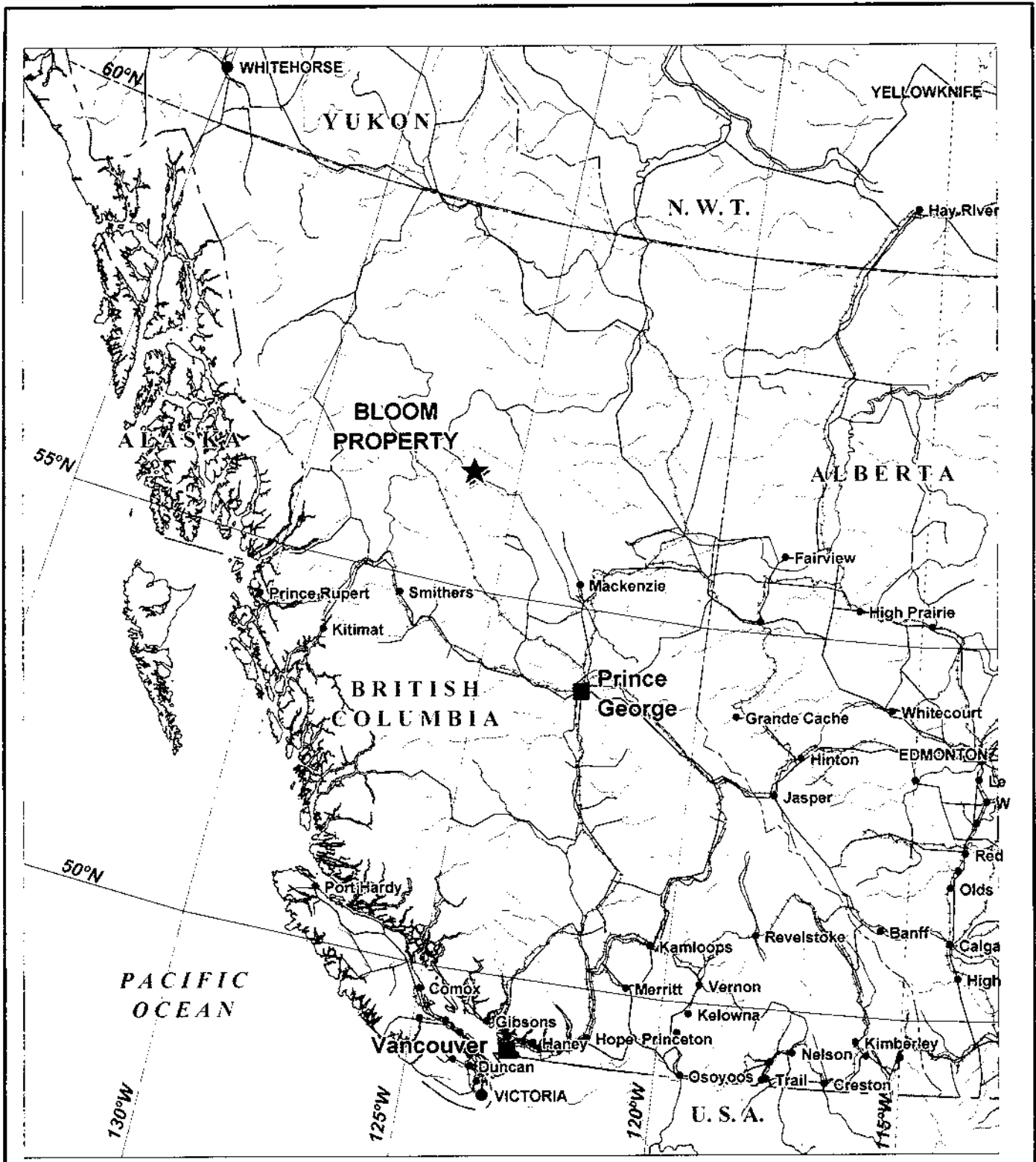
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activity prevented sampling of most intended sites. Three modest Mo anomalies were located in the southwestern corner of the property indicating a possible extension to the south of the Davie Creek molybdenum system.

Respectfully submitted,

David W. Moore, P.Geol.  
Serengeti Resources Inc.  
Vancouver, British Columbia  
April 19, 2007



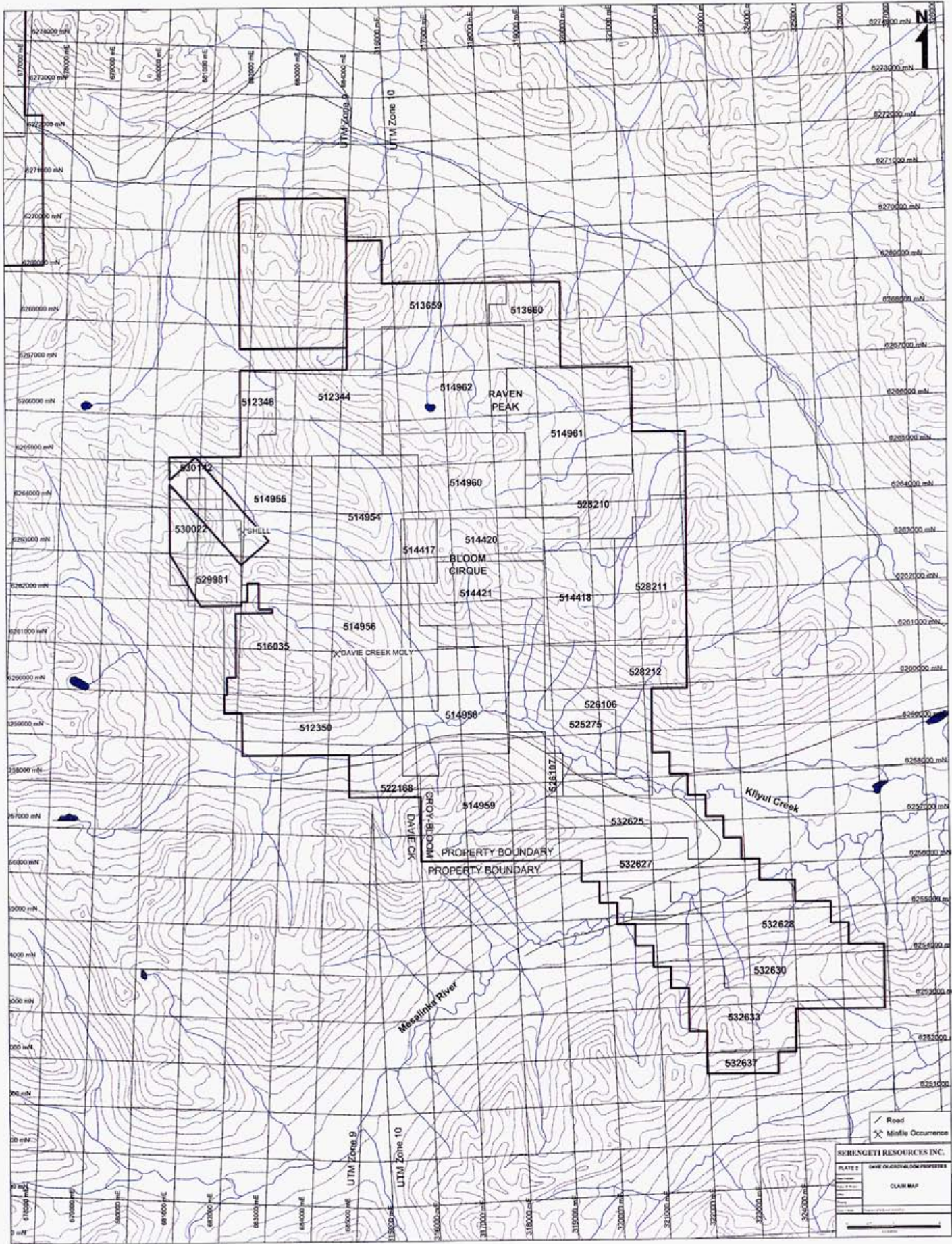


**SERENGETI RESOURCES INC.**

**BLOOM PROPERTY**

**LOCATION MAP**

Date	Aug 30, 2005	Scale	1:8000,000	Plate	
Projection	UTM Zone 10 - NAD83	State/Province	BC		1
Author	MO	File	Aeromag		



Road  
 Miniflow Occurrence

**SERENGETI RESOURCES INC.**  
 PLATE 2  
 CLAIM MAP  
 SHELL  
 DAVE O'NEILL/ALAN PROFFER



- Site Sample Site
- Site Not Sampled
- Road
- ✕ Mine Occurrence

**SERENGETI RESOURCES INC.**  
 PLATE 3 DAVE CREEK/BLOOM PROPERTIES  
 SAMPLE LOCATION MAP  
 Scale: 1:50,000  
 Date: 2010-05-10

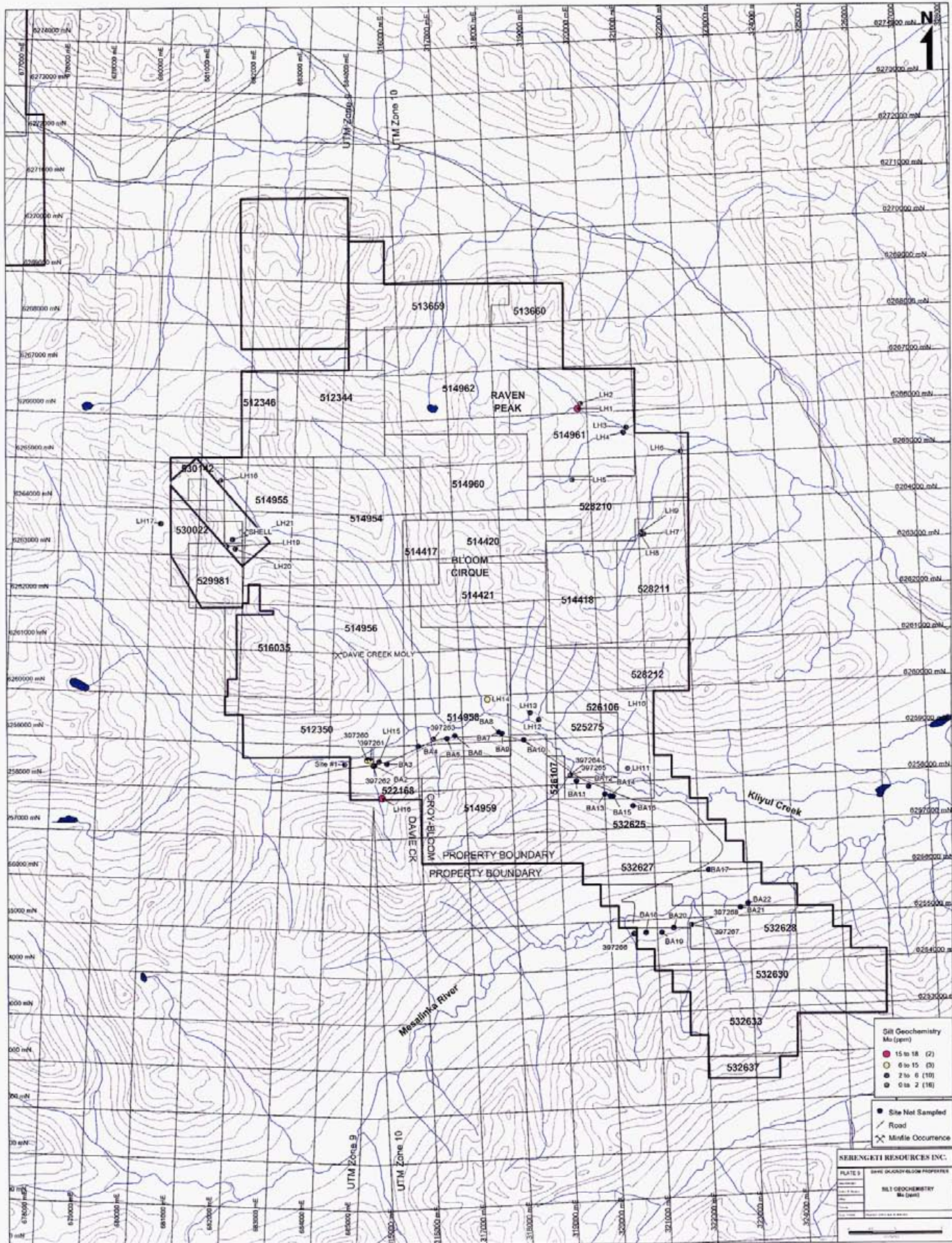


**SERENGETI RESOURCES INC.**

PLATE 4 SERENGETI-BLOOM PROPERTY

**SILT GEOCHEMISTRY**  
Cu (ppm)

Scale: 1:50,000



Silt Geochemistry  
 Mo (µg/m)  
 ● 15 to 18 (2)  
 ○ 6 to 15 (3)  
 ● 2 to 6 (10)  
 ● 0 to 2 (16)

● Site Not Sampled  
 — Road  
 X Mine Occurrence

**SERENGETI RESOURCES INC.**  
 PLATE 9: BHW BLOOM CIRQUE PROPERTY FILE  
 SILT GEOCHEMISTRY  
 Mo (µg/m)



Silt Geochemistry  
 Au (g/t)

- 100 to 1,000 (3)
- 30 to 100 (4)
- 10 to 30 (7)
- 0 to 10 (15)

- Site Not Sampled
- Road
- ✕ Mine Occurrence

**SERENGETI RESOURCES INC.**

PLATE 6 DAVE CREEK MOLY PROPERTY

**SILT GEOCHEMISTRY**  
 Au (g/t)

Scale: 1:50,000



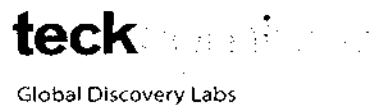
**APPENDIX 1  
CROY BLOOM SILT SAMPLE LOCATIONS**

<b>ID</b>	<b>Easting</b>	<b>Northing</b>	<b>Projection</b>
LH1	319831	6266097	NAD 83 Zone 10
LH2	319897	6266198	
LH3	320826	6265643	
LH4	320785	6265532	
LH5	319617	6264560	
LH6	322001	6265067	
LH7	321100	6263315	
LH8	321060	6263310	
LH9	321051	6263364	
LH10	320887	6259672	
LH11	320496	6258287	
LH12	318676	6259424	
LH13	318500	6259585	
LH14	317578	6259913	
LH15	315180	6258686	
LH16	315190	6257889	
LH17	680146	6263663	NAD 83 Zone 9
LH18	681406	6264645	
LH19	681613	6263227	
LH20	681789	6263178	
LH21	681736	6263372	
397260	684839	6258715	NAD 83 Zone 9
397261	684911	6258708	
397262	684947	6258593	
397263	316382	6259116	NAD 83 Zone 10
397264	319283	6258199	
397265	319283	6258199	
397266	320499	6254715	
397267	321725	6254861	
397268	321725	6254861	



**APPENDIX 2**

SERENGETI RESOURCES-X06  
#397260-397268



Report date: 30 NOV 2006

Job V06-0979S

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0609432	397260	<10	10
S0609433	397261	<10	10
S0609434	397262	<10	10
S0609435	397263	<10	10
S0609436	397264	<10	10
S0609437	397265	40	10
S0609438	397266	<10	10
S0609439	397267	<10	10
S0609440	397268	<10	10

I=insufficient sample

If requested analyses are not shown, results are to follow

#### ANALYTICAL METHODS

Au Aqua regia decomposition / solvent extraction / AAS

Wt Au The weight of sample taken to analyse for gold (geochem)

Teck Cominco Ltd.

Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

Report date: 08 NOV 2006

Job V06-0979S

LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0609432	397260	106	8	87	<0.4	2	173	<1	19	72	3.03	11	103	<5	8	73	<2	11	74	4	6	577	1.22	0.06	1.50	0.75	0.04	0.15	1148
S0609433	397261	194	9	105	0.5	<2	221	<1	19	99	2.71	12	141	<5	9	63	<2	4	137	3	<2	398	1.82	0.07	2.13	0.81	0.02	0.18	658
S0609434	397262	102	7	92	<0.4	<2	120	<1	16	97	2.17	5	116	<5	7	41	<2	3	79	3	9	413	1.42	0.04	1.23	0.63	0.04	0.13	955
S0609435	397263	95	<4	60	<0.4	3	74	<1	23	23	2.47	<2	33	<5	6	47	<2	<2	44	3	<2	578	0.86	0.06	1.14	0.56	0.02	0.12	826
S0609436	397264	224	<4	179	<0.4	5	47	1	29	31	3.55	<2	68	<5	8	82	<2	4	31	4	<2	807	1.36	0.11	1.72	0.66	0.02	0.09	853
S0609437	397265	110	<4	128	<0.4	3	34	<1	22	27	3.27	<2	61	<5	7	76	<2	2	23	3	<2	602	1.28	0.10	1.47	0.46	0.01	0.07	780
S0609438	397266	44	4	88	<0.4	<2	202	<1	12	10	2.41	2	23	<5	7	61	<2	2	81	2	<2	482	0.96	0.09	1.70	0.65	0.03	0.26	885
S0609439	397267	92	6	41	<0.4	<2	98	<1	34	87	2.94	<2	130	<5	7	47	2	<2	42	2	<2	613	2.77	0.05	1.13	0.60	0.02	0.13	572
S0609440	397268	45	<4	29	<0.4	<2	68	<1	25	50	2.36	<2	77	<5	6	38	<2	<2	29	<2	<2	381	1.68	0.04	0.73	0.45	0.01	0.09	513

f=insufficient sample

If requested analyzes are not shown, results are to follow

**ANALYTICAL METHODS**

ICP-OES PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

SERENGETI RESOURCES-X07

Ref/ID: CROY BLOOM PROJECT  
 Report date: 12 MAR 2007  
 GDL Job No: V07-0251S



LAB NO	FIELD NUMBER	Cu ppm	Pb ppm	Zn ppm	Ag ppm	As ppm	Ba ppm	Cd ppm	Co ppm	Ni ppm	Fe %	Mo ppm	Cr ppm	Bi ppm	Sb ppm	V ppm	Sn ppm	W ppm	Sr ppm	Y ppm	La ppm	Mn ppm	Mg %	Ti %	Al %	Ca %	Na %	K %	P ppm
S0701007	1	825	19	38	0.7	16	101	<1	29	18	7.26	17	18	<5	<5	89	<2	<2	70	5	3	467	0.86	0.06	3.50	0.42	0.05	0.16	1284
S0701008	2	241	11	53	0.8	10	79	<1	12	18	3.24	<2	30	<5	<5	74	<2	2	61	17	16	659	0.95	0.01	2.55	0.75	0.06	0.03	663
S0701009	3	364	16	70	0.7	16	77	<1	69	24	4.15	4	28	<5	<5	76	<2	<2	43	8	5	702	0.88	0.03	2.62	0.36	0.04	0.05	929
S0701009 rpt		374	14	59	0.5	12	78	<1	64	23	3.80	3	27	<5	<5	79	<2	<2	43	8	6	651	0.97	0.03	2.35	0.36	0.02	0.05	796
S0701010	4	132	13	74	<0.4	8	82	<1	16	26	3.91	2	46	<5	<6	70	<2	<2	32	4	4	530	0.92	0.03	3.00	0.38	0.04	0.02	873
S0701011	5	229	13	74	<0.4	9	113	<1	24	108	5.14	<2	169	<5	<5	137	2	<2	52	8	4	905	2.65	0.09	3.90	0.77	0.03	0.04	1198
S0701012	6	27	15	41	<0.4	4	43	<1	7	19	5.26	<2	84	<5	<5	145	2	<2	16	2	<2	364	0.88	0.14	2.51	0.30	0.02	0.03	1074
S0701013	7	149	10	87	<0.4	11	90	<1	24	48	4.21	<2	100	<5	<5	89	<2	<2	57	5	5	901	1.70	0.06	2.61	0.97	0.02	0.04	863
S0701014	8	101	9	82	<0.4	12	98	<1	21	38	3.68	<2	66	<5	<5	82	<2	<2	50	2	4	607	1.36	0.04	1.66	0.35	0.02	0.03	802
S0701015	9	122	23	135	<0.4	24	108	<1	24	38	5.04	<2	75	<6	<6	112	2	<2	36	7	5	1625	1.45	0.04	2.48	0.47	0.01	0.05	896
S0701016	10	24	6	31	<0.4	3	27	<1	6	15	2.34	<2	32	<5	<5	75	<2	<2	17	<2	<2	155	0.54	0.07	0.91	0.13	0.02	0.01	329
S0701016 rpt		25	4	32	0.5	2	26	<1	7	16	2.54	<2	36	<5	<5	76	<2	<2	15	<2	<2	158	0.62	0.07	0.96	0.12	0.01	0.01	358
S0701017	11	157	7	57	<0.4	16	57	<1	20	34	3.49	<2	61	<6	<6	75	<2	<2	43	3	6	607	1.16	0.02	1.78	0.53	0.02	0.03	1217
S0701018	12	191	8	35	<0.4	3	96	<1	15	30	3.15	3	85	<6	<6	85	<2	<2	45	3	7	393	1.07	0.01	1.61	0.73	0.02	0.02	1033
S0701019	13	216	4	22	<0.4	4	49	<1	10	17	2.23	2	54	<6	<6	71	<2	<2	46	6	10	378	0.68	<0.1	1.17	1.02	0.06	0.02	875
S0701020	14	237	13	62	<0.4	6	76	<1	31	66	4.04	11	96	<6	<6	77	<2	<2	45	3	6	772	1.37	0.04	1.80	0.52	0.02	0.07	989
S0701021	15	47	8	35	0.5	<2	107	<1	4	30	1.25	3	61	<6	<6	33	2	2	61	<2	10	154	0.51	0.03	1.07	0.65	0.02	0.06	430
S0701022	16	147	11	97	<0.4	2	126	<1	20	115	2.96	18	157	<6	<6	90	<2	<2	96	3	14	537	1.61	0.04	1.66	0.73	0.02	0.09	865
S0701023	17	334	12	61	<0.4	54	106	<1	36	79	5.95	2	196	<6	<6	196	2	<2	59	6	<2	949	2.83	0.10	3.83	0.60	0.03	0.04	728
S0701024	18	171	9	71	<0.4	11	102	<1	36	72	5.32	<2	175	<6	<6	131	2	<2	75	3	<2	1387	2.63	0.09	3.00	0.67	0.02	0.08	536
S0701025	19	431	11	56	<0.4	6	99	<1	35	69	5.02	<2	243	<6	<6	145	2	<2	44	4	<2	703	2.85	0.10	3.22	0.47	0.02	0.05	767
S0701026	20	363	11	47	2.1	9	909	<1	57	54	5.48	2	121	<6	<6	88	2	<2	94	4	<2	1692	1.62	0.05	2.82	0.27	0.02	0.05	1078
S0701027	21	460	14	79	2.6	16	128	<1	61	70	7.78	2	164	<6	<6	226	3	<2	28	12	<2	3040	2.17	0.09	2.32	0.43	0.02	0.20	1269
STD: DA		120	222	644	6.7	47	317	4	8	33	2.96	2	27	<6	<6	46	2	<2	31	6	15	645	0.38	0.03	1.38	0.46	0.04	0.10	987

≡ Insufficient sample  
 If requested analyses are not shown, results are to follow

ANALYTICAL METHODS

ICP-OES PACKAGE : 0.5 gram sample digested in hot reverse aqua regia (soil,silt) or hot Aqua Regia(rocks).

**SERENGETI RESOURCES-X07**

Ref/I.D.: CROY BLOOM PROJECT  
 Report date: 12 MAR 2007  
 GDL Job No: V07-0251S

**teck**

Global Discovery Labs

LAB NO	FIELD NUMBER	Au ppb	Wt Au gram
S0701007	1	26	10
S0701008	2	12	10
S0701009	3	21	10
S0701010	4	11	10
S0701010 rpt		15	10
S0701011	5	10	10
S0701012	6	13	10
S0701013	7	<10	10
S0701014	8	<10	10
S0701015	9	<10	10
S0701016	10	<10	10
S0701017	11	20	10
S0701018	12	<10	10
S0701019	13	<10	10
S0701020	14	36	10
S0701021	15	<10	10
S0701022	16	<10	10
S0701023	17	41	10
S0701023 rpt		49	10
S0701024	18	62	10
S0701025	19	133	10
S0701026	20	1300	10
S0701027	21	1880	10
S0701027 rpt		1950	10
STD: BG200		240	10

! = insufficient sample

If requested analyses are not shown, results are to follow

**ANALYTICAL METHODS**

Au Aqua regia decomposition / solvent extraction / AAS

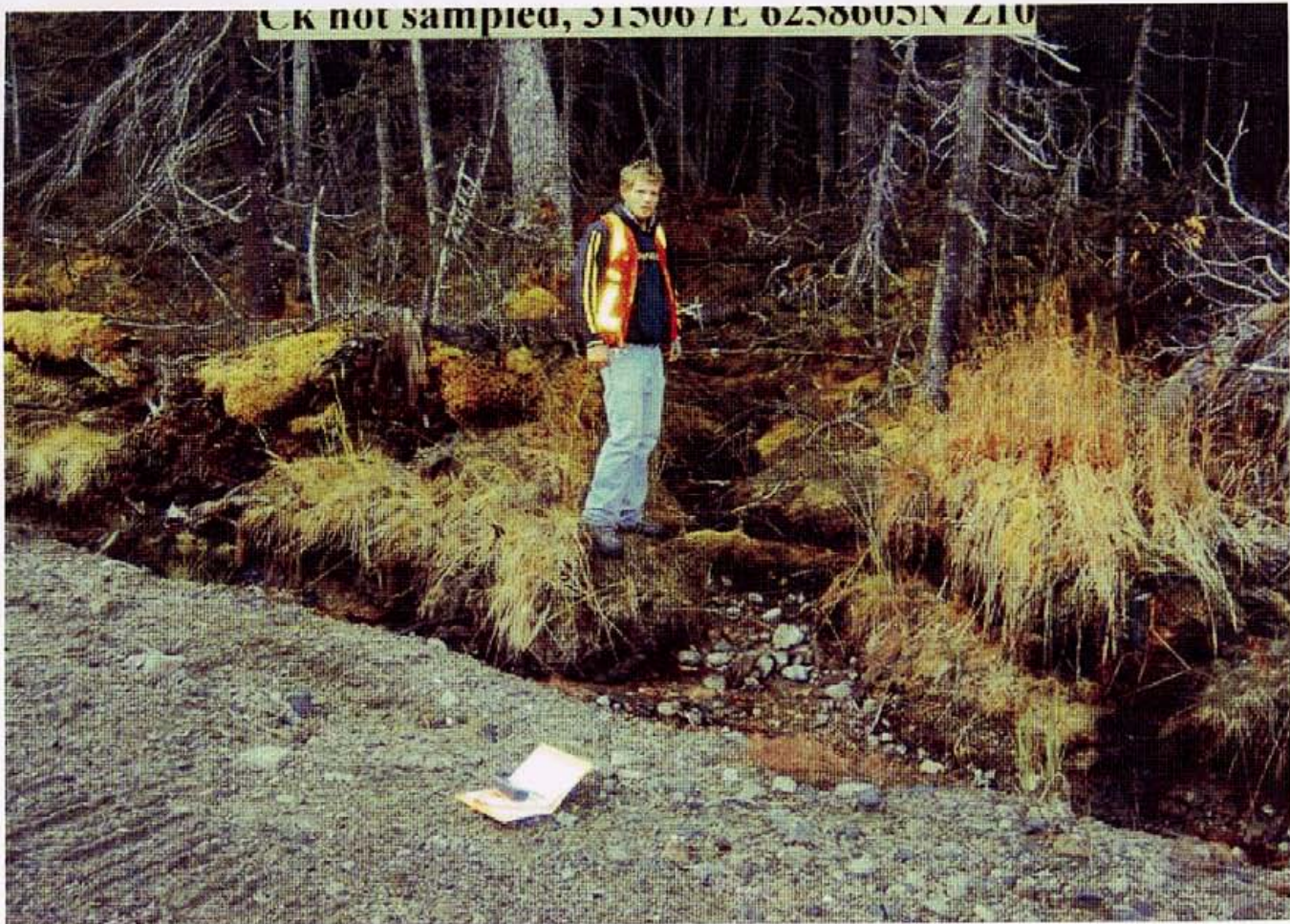
Wt Au The weight of sample taken to analyse for gold (geochem)

Teck Cominco Ltd.

Global Discovery Labs 1486 East Pender Street Vancouver, B.C. Canada V5L 1V8 Phone: (604) 685-3032 Fax: (604) 844-2686

### **APPENDIX 3**

Ck not sampled, 31500 / E 6258605N Z10



Ck not sampled, 315333E 6258628N Z10



cut bank showing overburden, 316029E 6258917N Z10



CK not sampled, 316654E 6259117N Z10

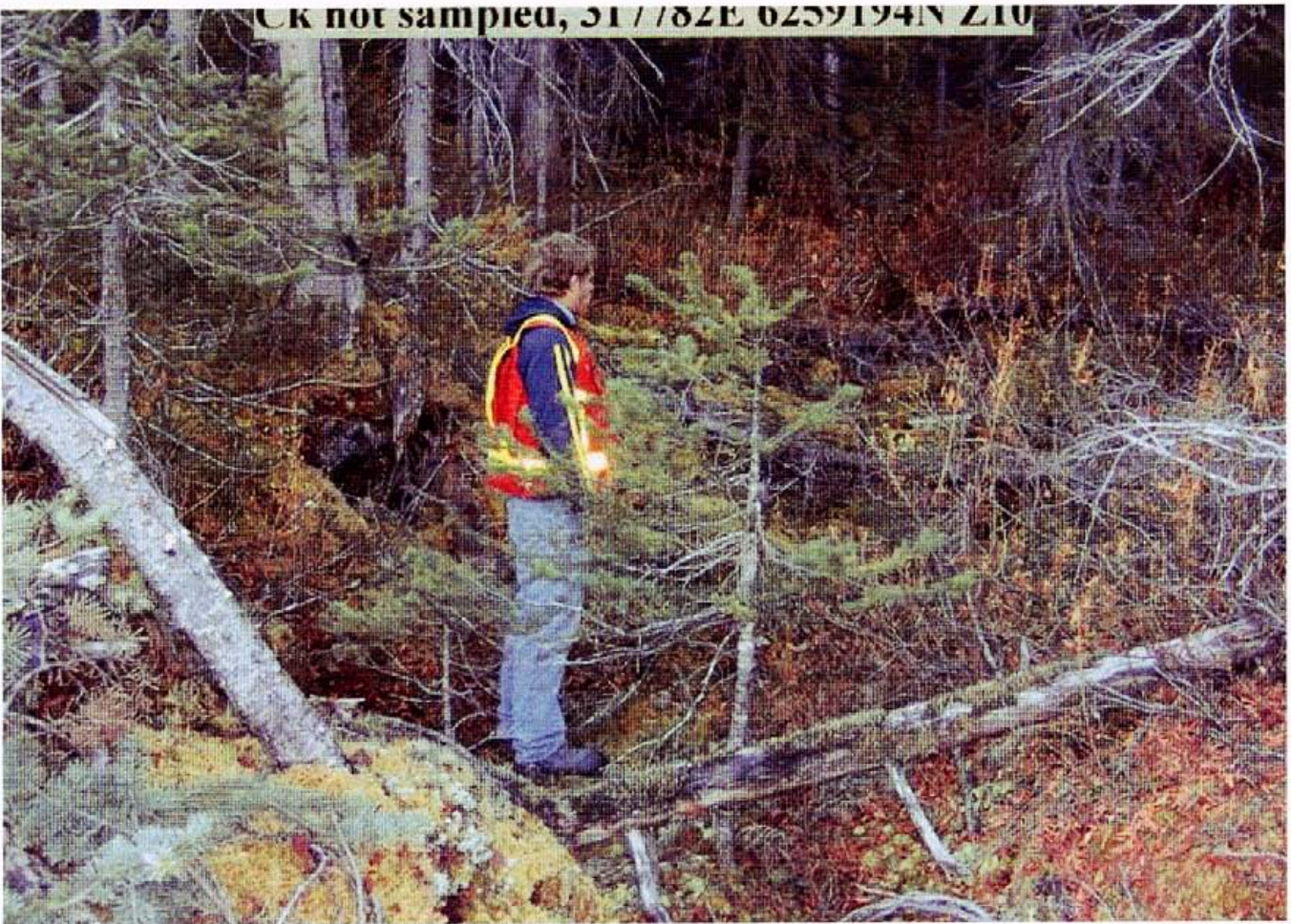




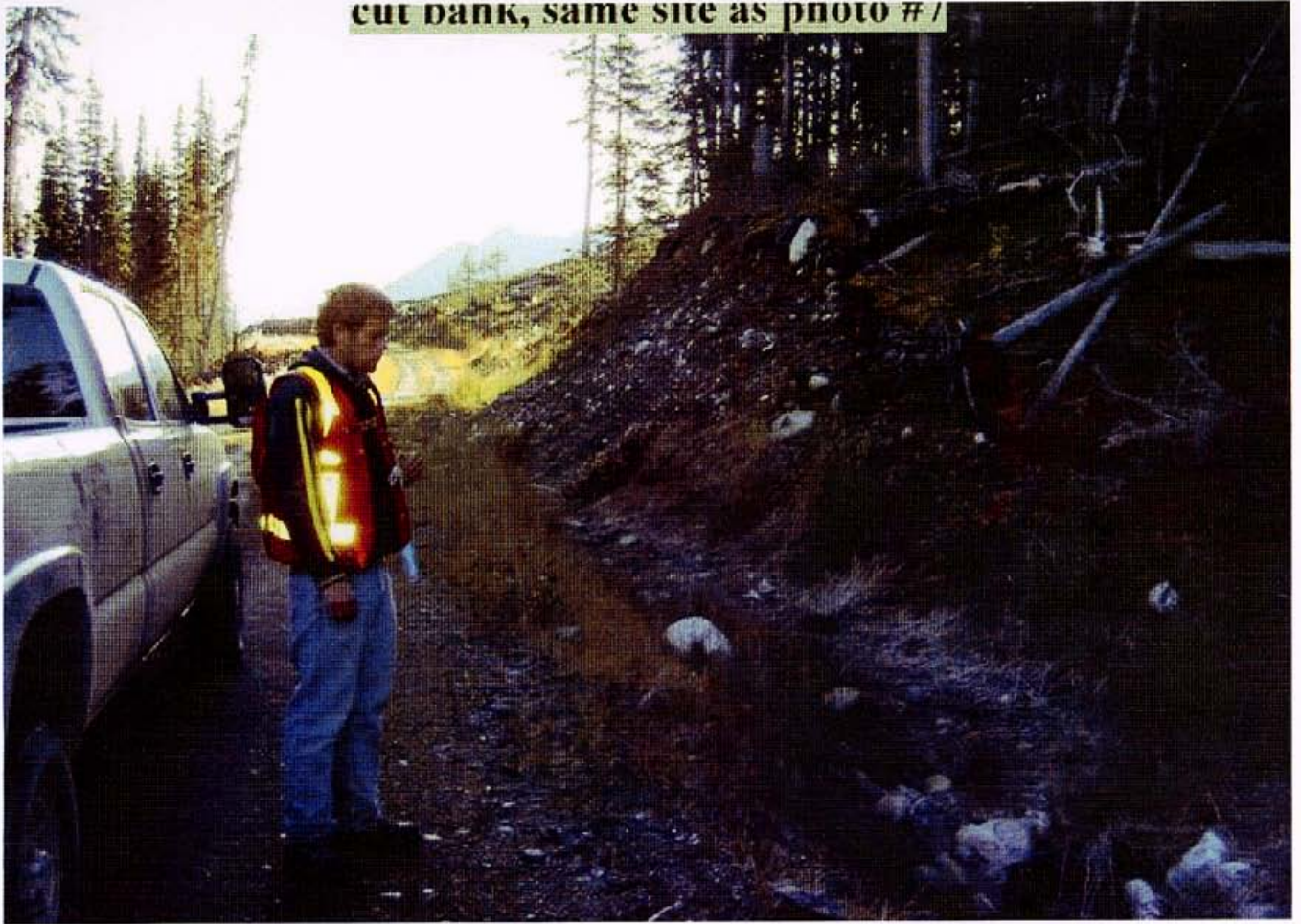
CK not sampled, 316825E 6259166N Z10



CK not sampled, 317782E 6259194N Z10

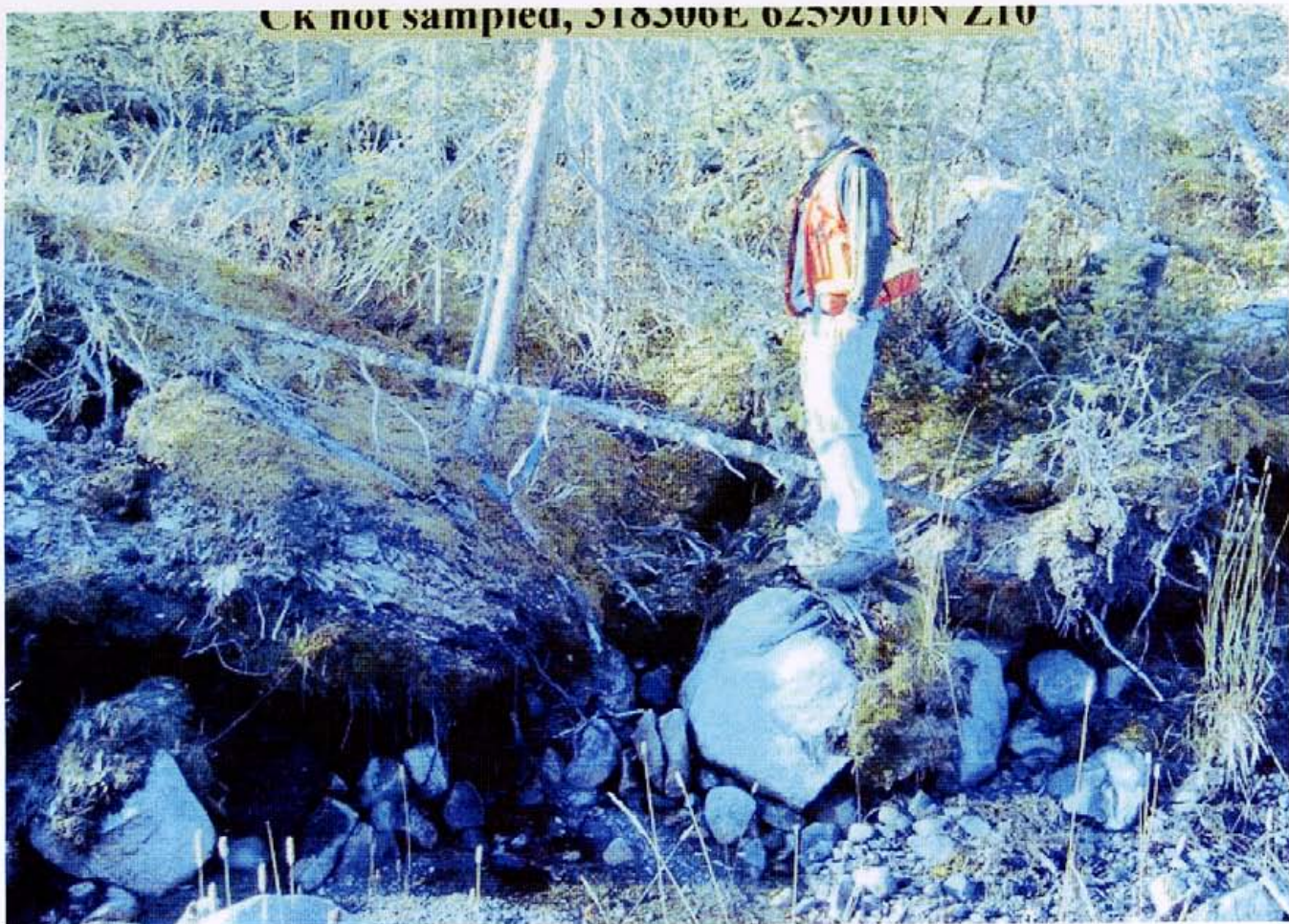


cut bank, same site as photo #1

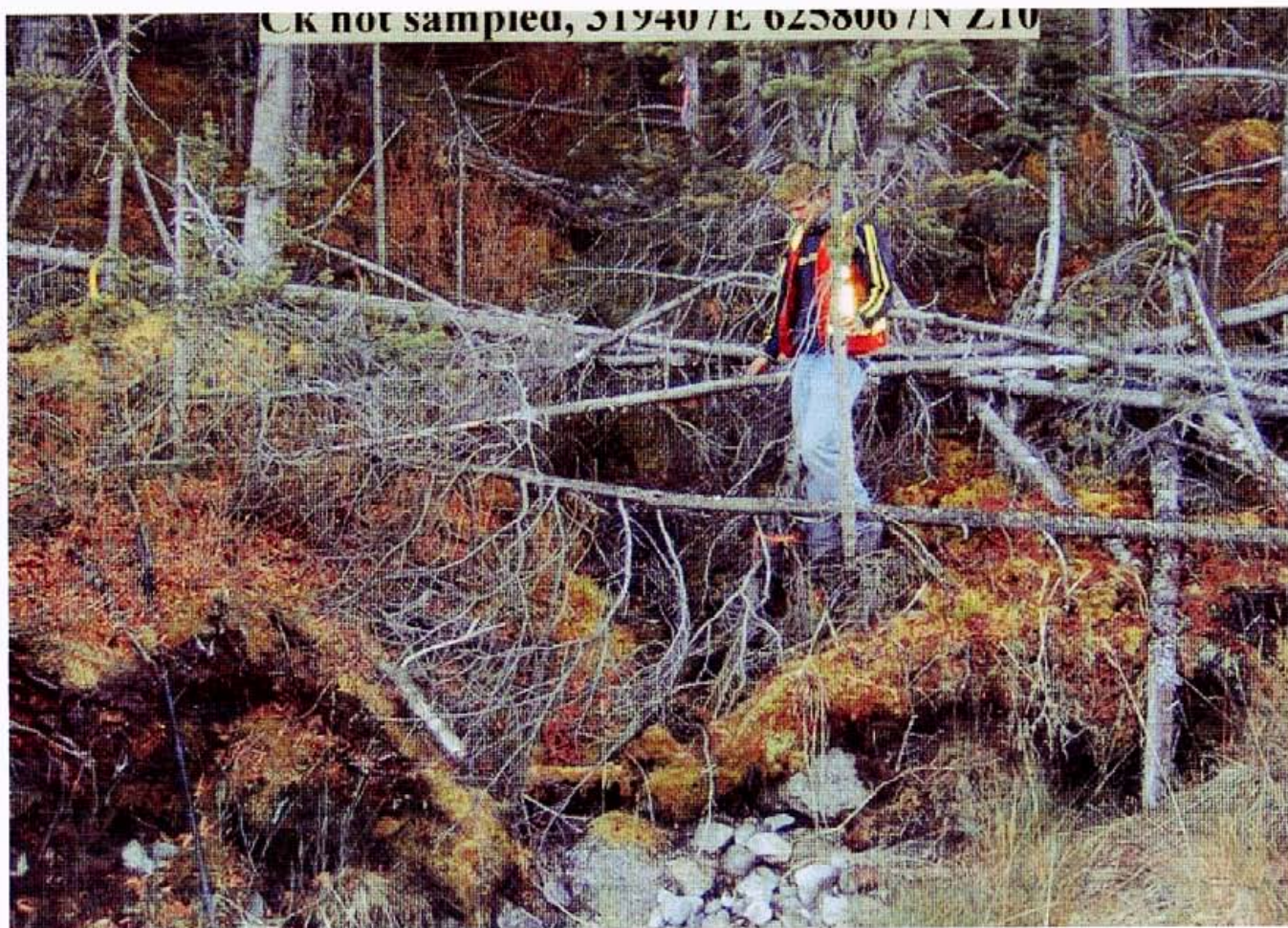


CK not sampled, 317844E 6259171N Z10

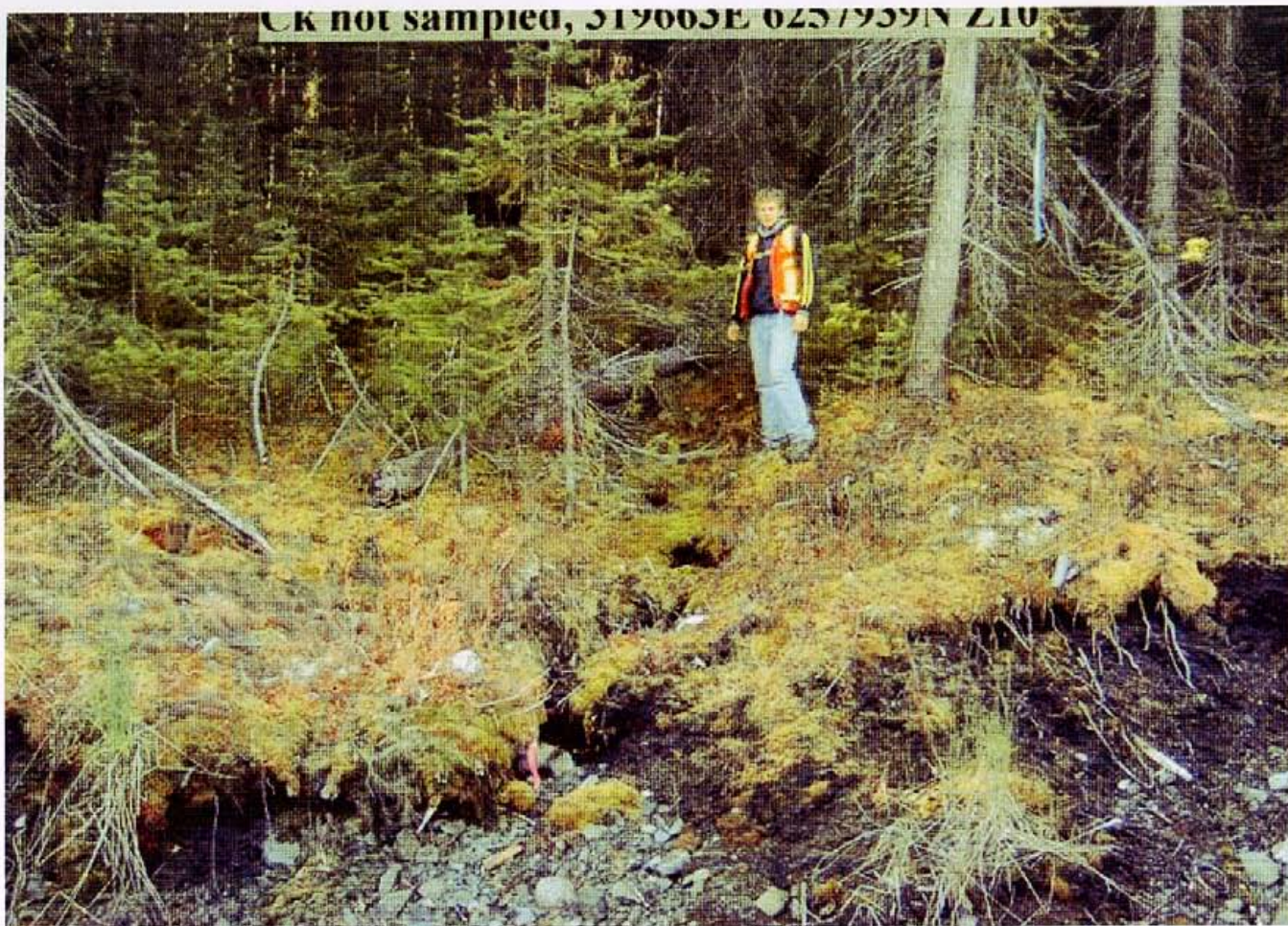
CK not sampled, 518500E 6259010N Z10



CK not sampled, 519407E 6258067N Z10



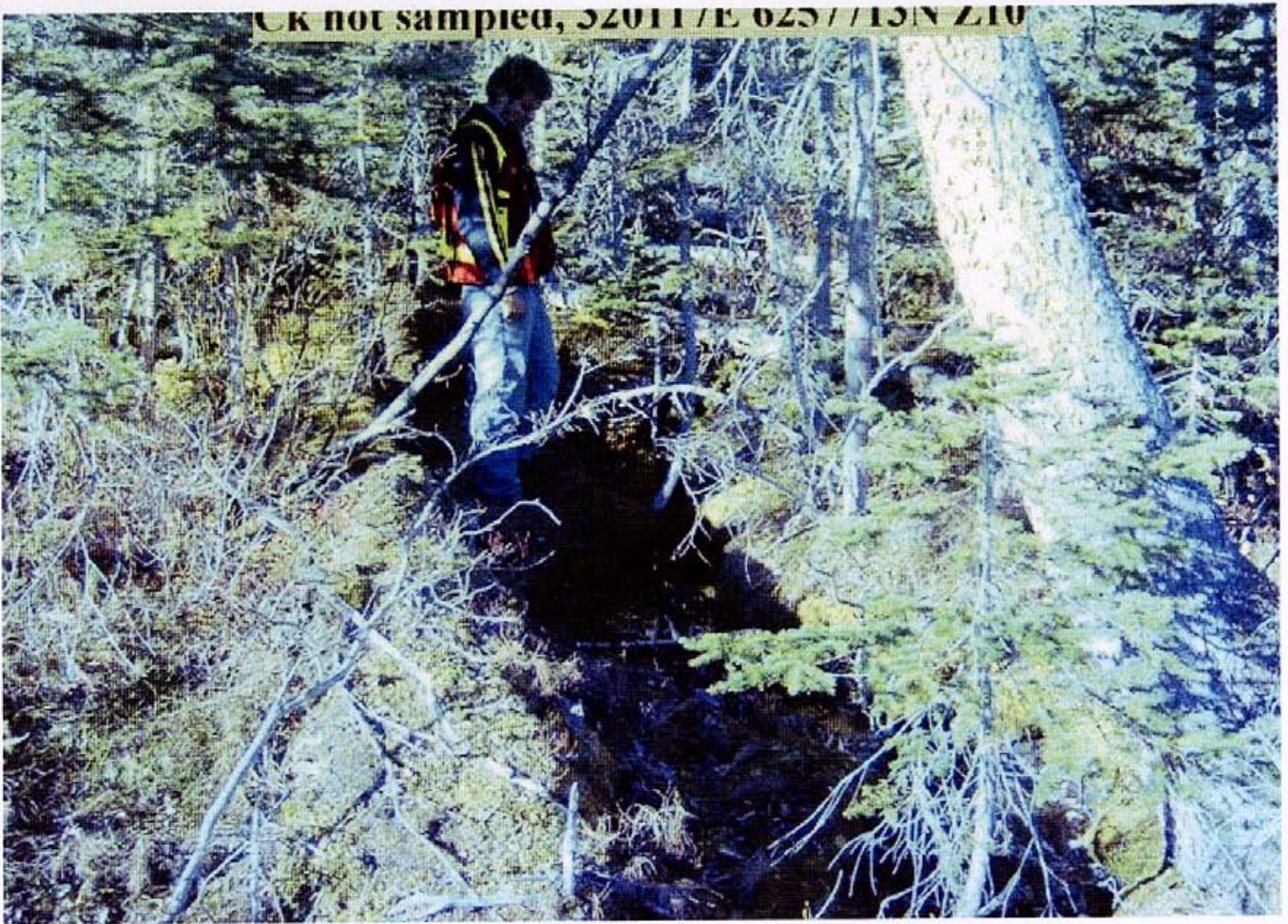
CK not sampled, 519005E 0251959N Z10



CK not sampled, 520005E 0251755N Z10



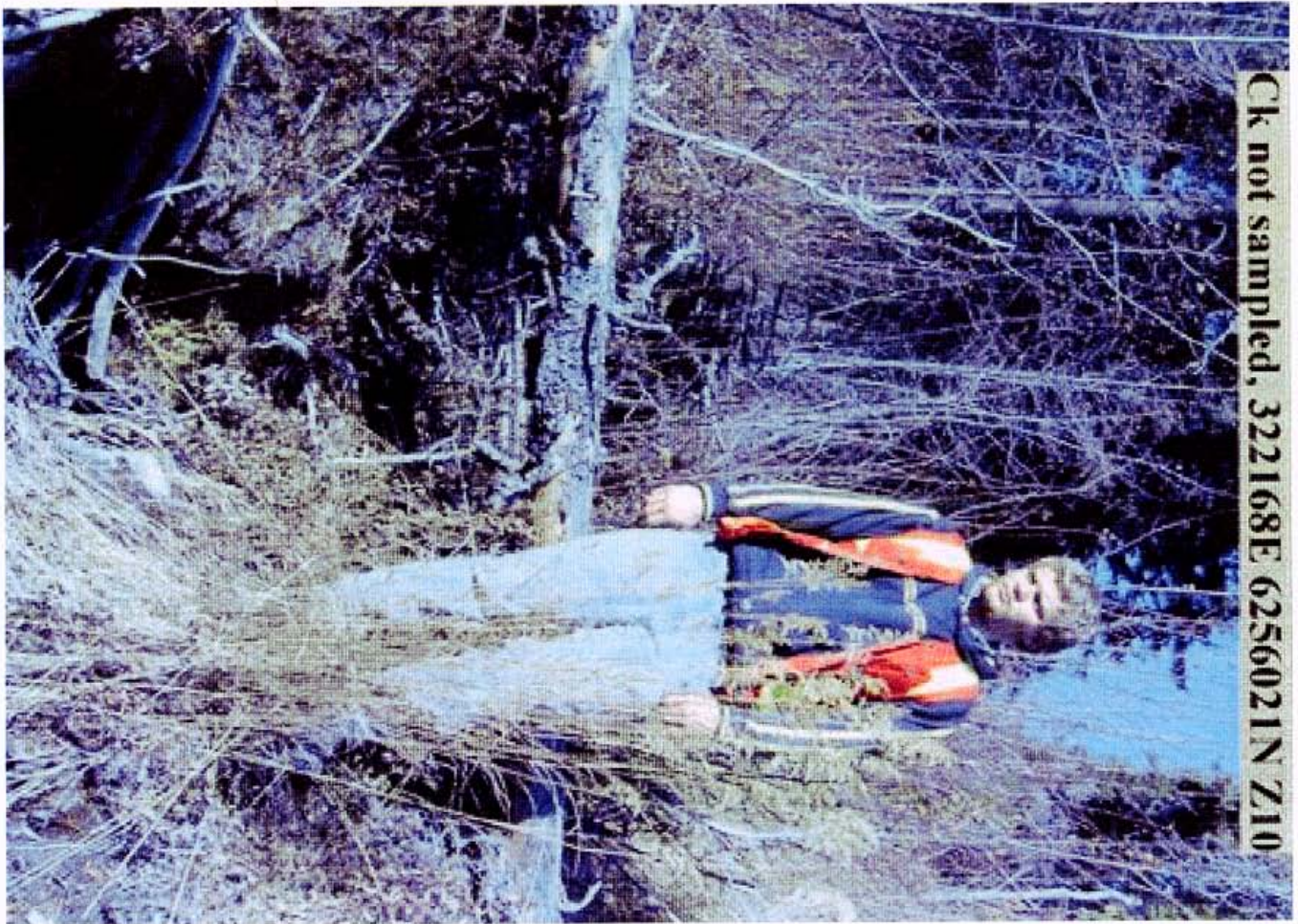
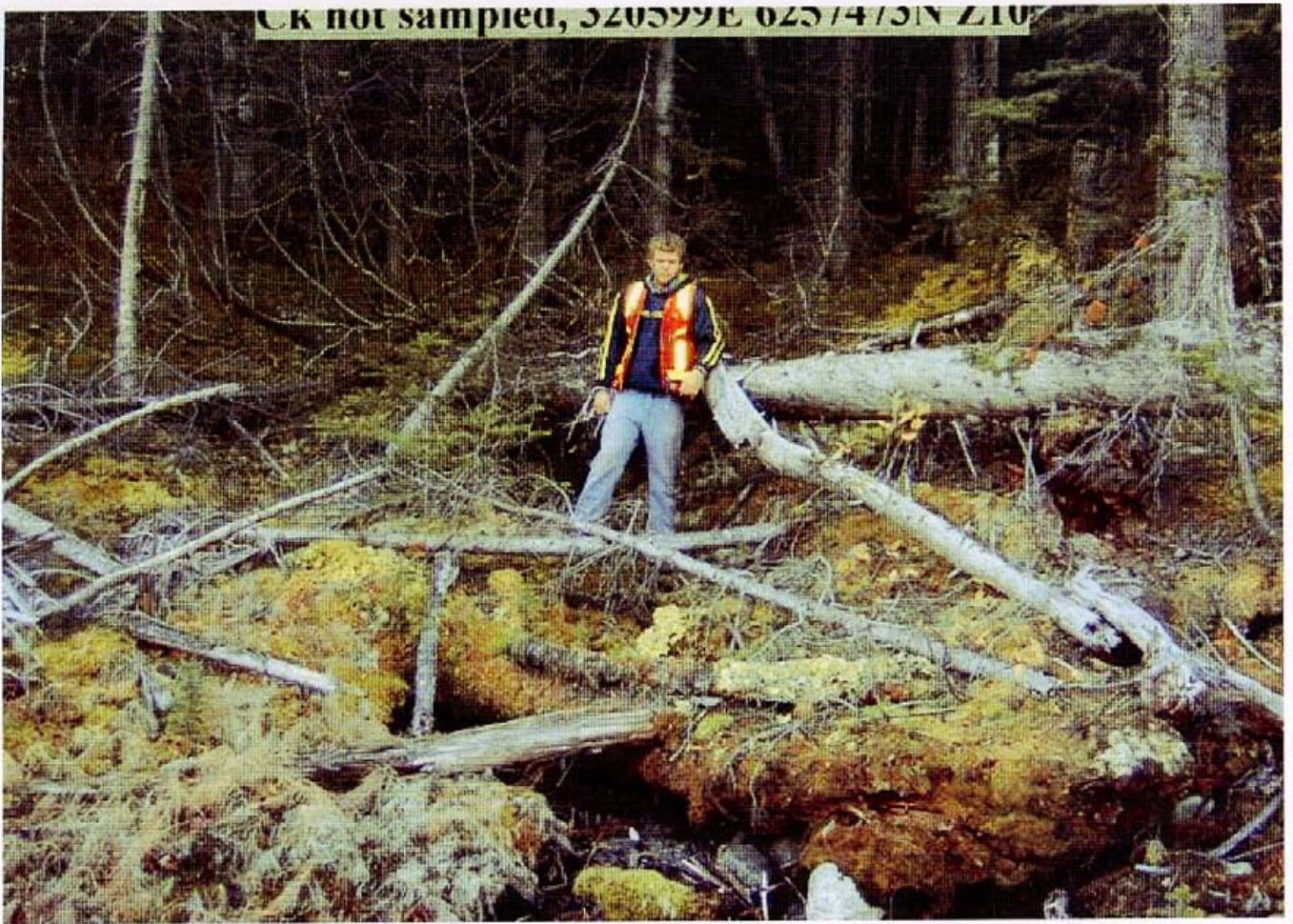
Ck not sampled, 320117E 6257715N Z10



Ck not sampled, 320177E 6257700N Z10

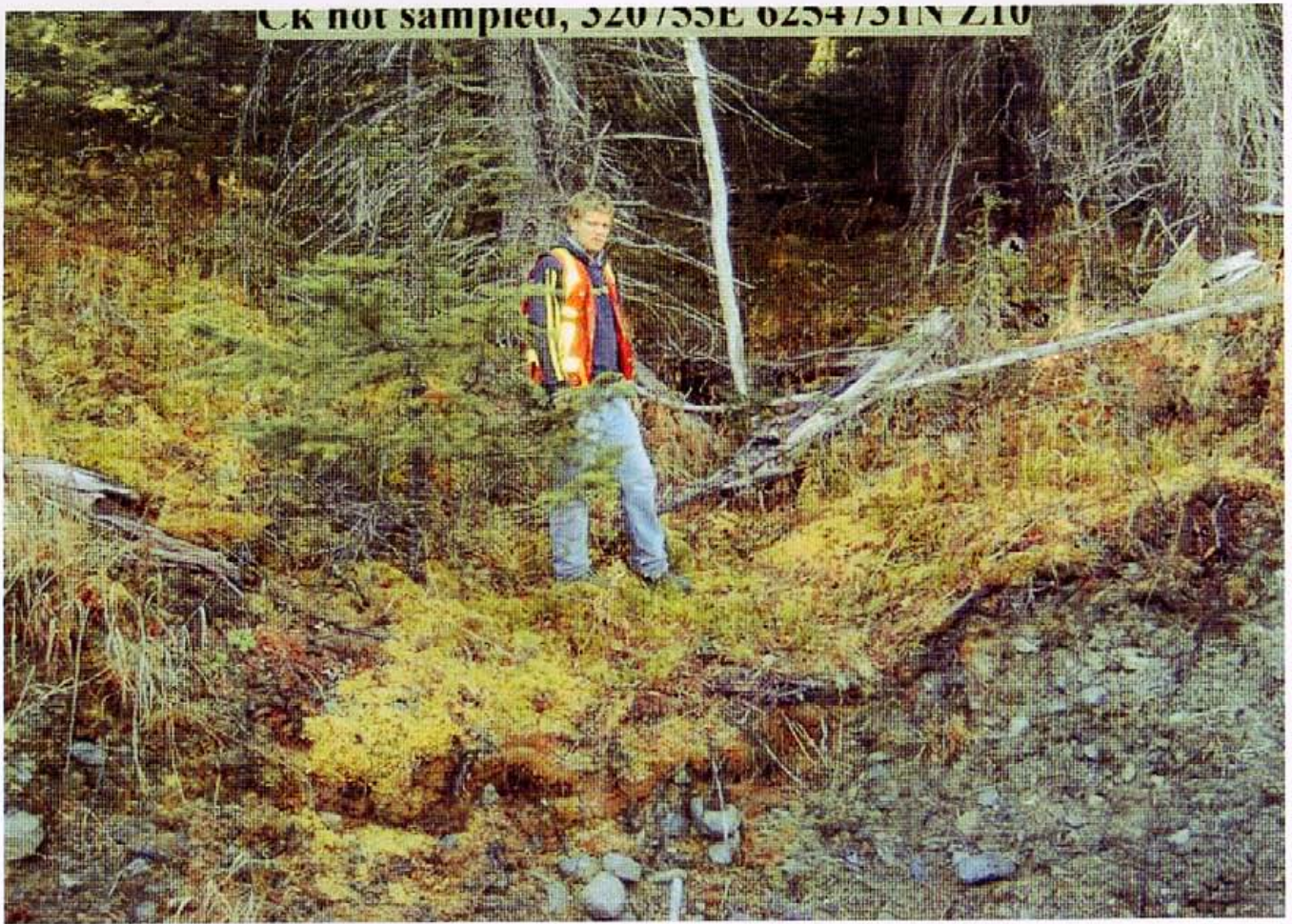


Ck not sampled, 520599E 0257475N Z10

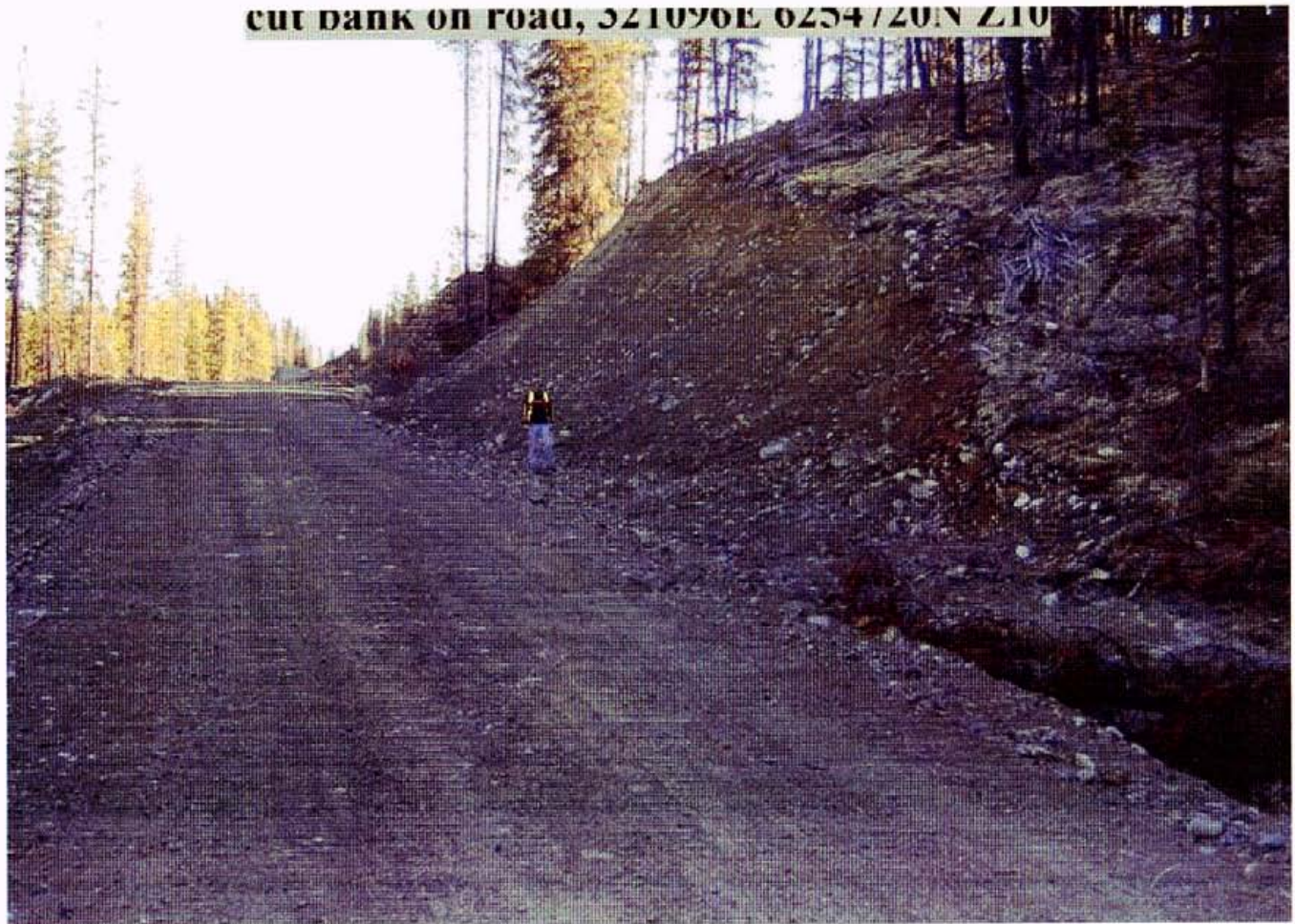


Ck not sampled, 322168E 6256021N Z10

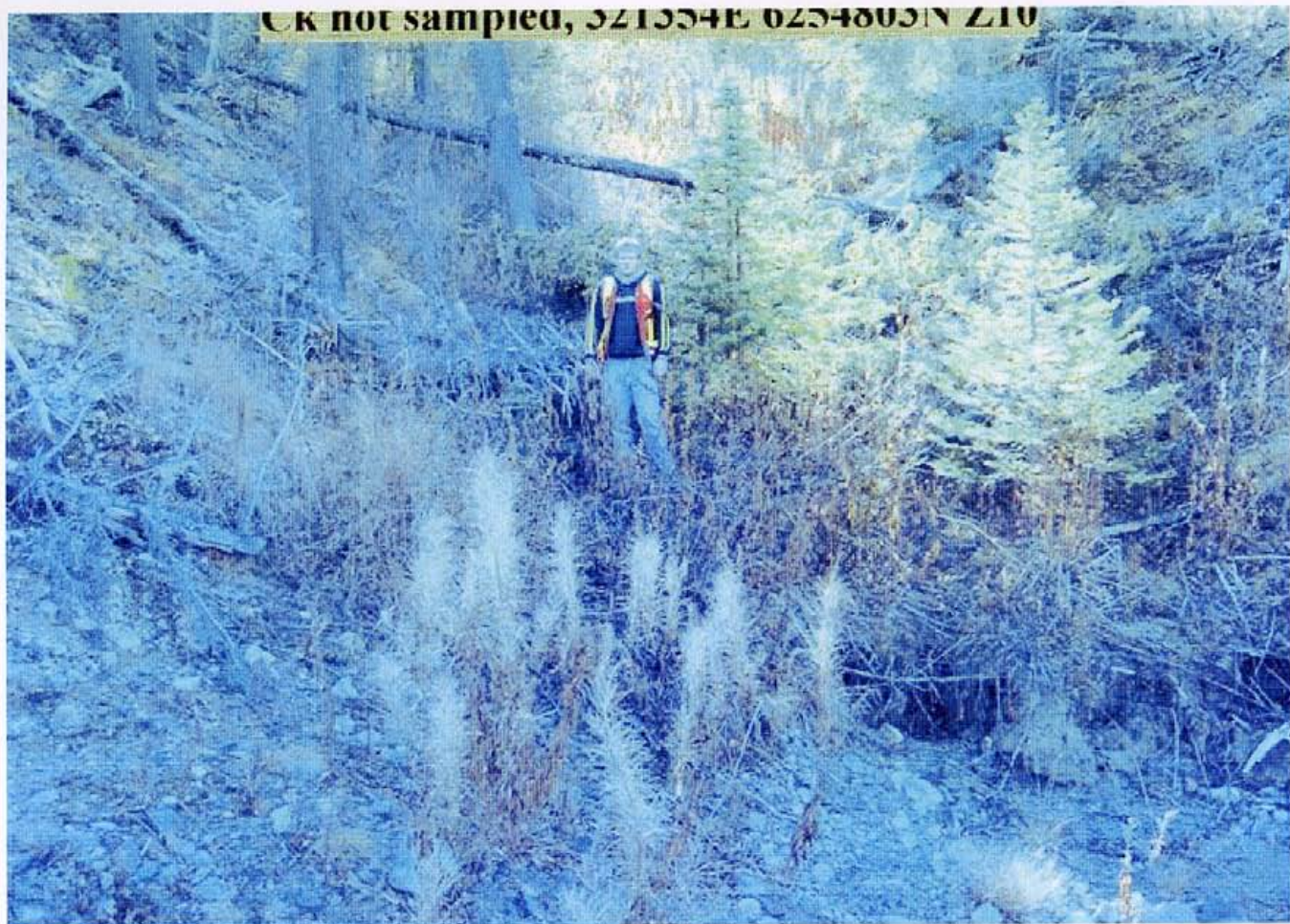
CK not sampled, 520755E 0254/51N Z10



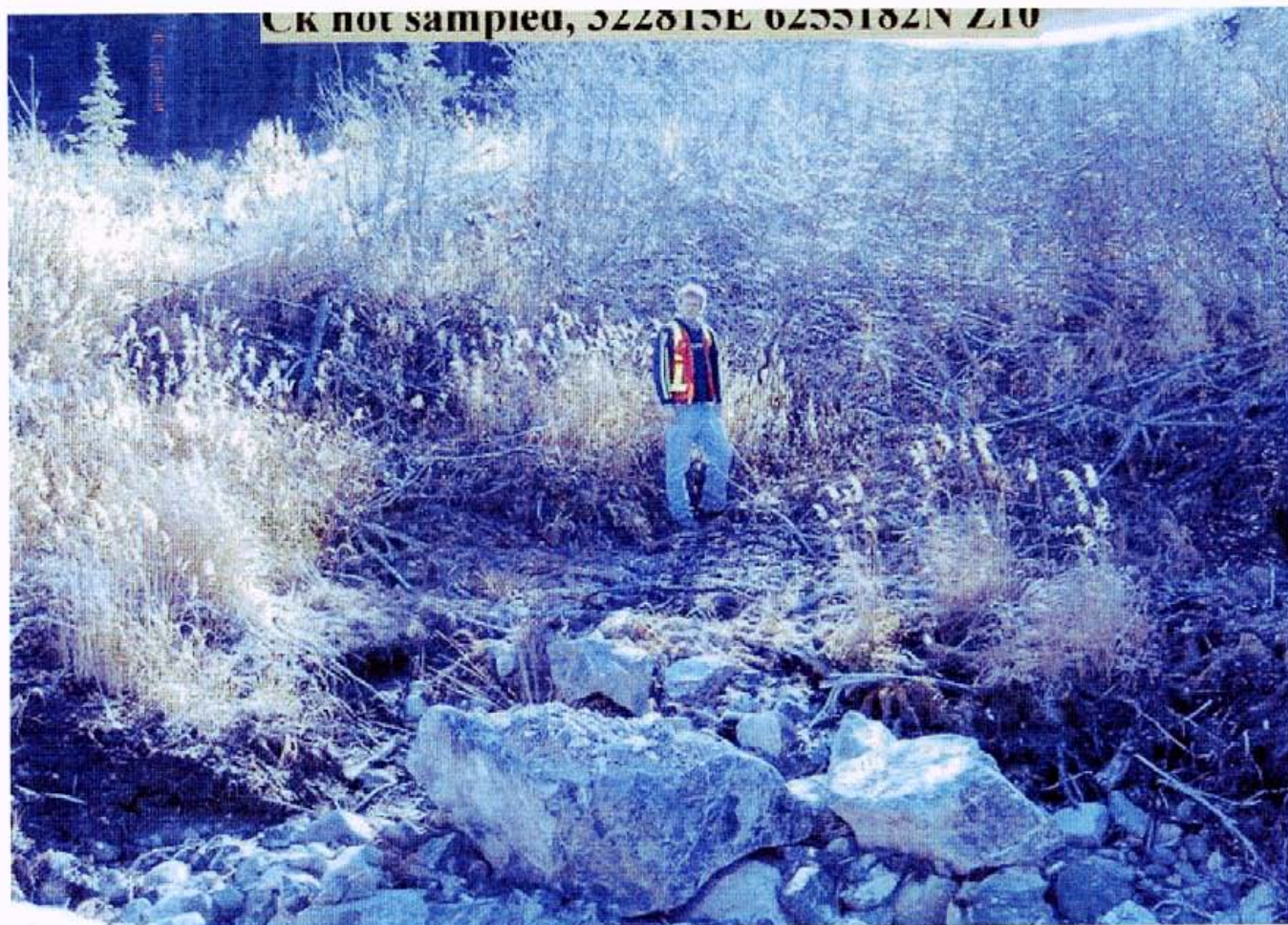
CUT BANK ON ROAD, 521090E 0254/20N Z10



CK not sampled, 521554E 0254805N Z10

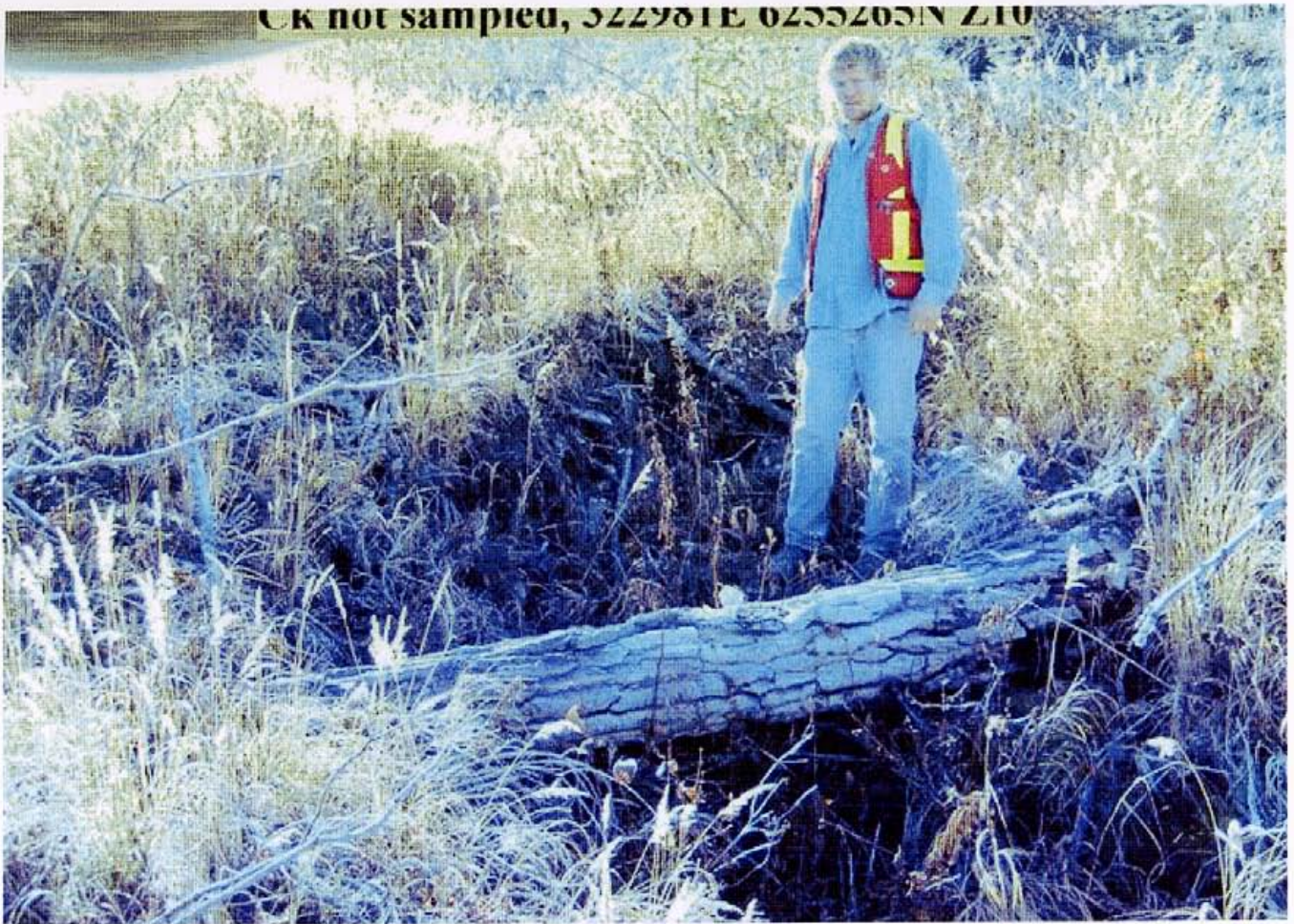


CK not sampled, 522815E 0255182N Z10

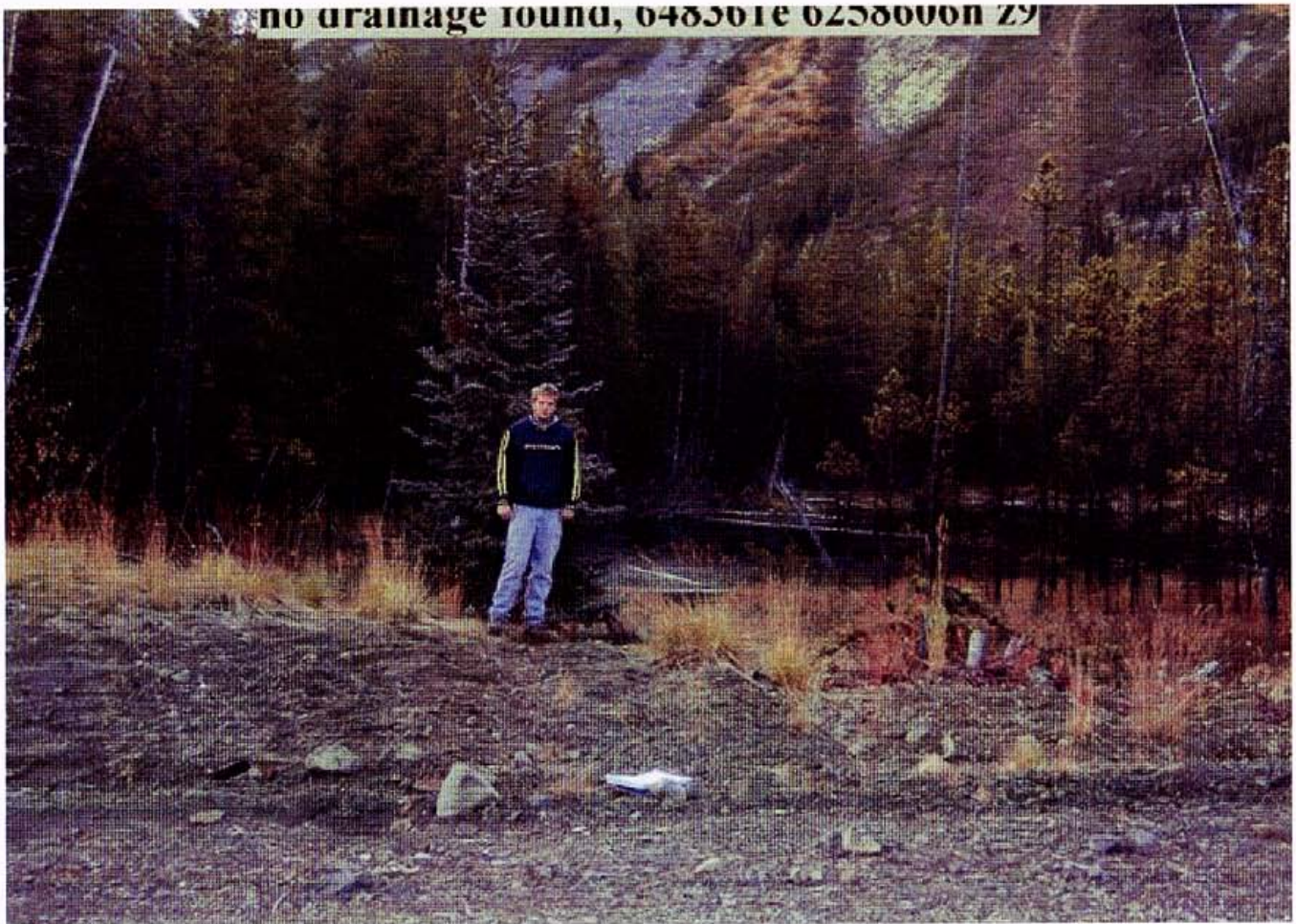




CK not sampled, 522981E 0255205N Z10



no drainage found, 048501E 0258000N Z9



## APPENDIX 4

### **GEOLOGIST'S CERTIFICATE**

I, David W Moore, of 11267 Sussex Place, Delta, B.C., in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am President of Serengeti Resources Inc., a junior mining company.
2. THAT I am a graduate of the University of Alberta with a BSc. and an MSc. from University of Toronto.
3. THAT I am a Professional Geoscientist registered and in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia(#28,163).
4. THAT this report is based on fieldwork carried out by contractors to Serengeti during September and October 2006 and on publically available reports on the Croy-Bloom property.

DATED at Delta, British Columbia, this 19<sup>th</sup> day of May, 2007

David W. Moore P. Geo.

**APPENDIX 5**

**STATEMENT OF EXPENDITURES FOR THE CROY-BLOOM PROPERTY  
(September 16 and October 8-11, 2006)**

<b><u>CATEGORY</u></b>	<b><u>COST</u></b>
Field Crew Sept 16(2 mandays)	\$550.00
Field Crew Oct.8-11(6.5 mandays)	\$2,702.50
Geologist Staff time (4.5 mandays)	\$2,475.00
<u>Camp Rental</u>	\$390.00
<u>Truck Rental</u>	\$686.40
<u>Shipping</u>	\$161.02
<u>Helicopter(3.7 hrs. @\$1250/hr)</u>	\$4,625.00
<u>Analysis(29 samples @ \$20)</u>	\$580.00
<u>Report &amp; Drafting</u>	\$1,204.63
<u>SUBTOTAL</u>	\$13,374.55
Administration(10%)	\$1,337.45
<b>TOTAL</b>	<b>\$14,713.00</b>