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YUKON TERRITORY

093368

Physical work report on 1995 geochemical work at the BUZ 1-6 and HUD 1-12 Claims

BUZ 1-6 (YB04013-YB04018)
HUD 1-12 (YB04001-YB04012)

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS 116B/8

Latitude: 64° 18'
Longitude: 138° 17'

Work conducted: July 12-13, 1995

OWNER AND OPERATOR:
Kennecott Canada Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

Prepared by: Tom Heah
Date: December 8, 1995

SUMMARY

During July, 1995, a two-day rock, soil and drainage sampling program was carried out at the Buz and Hud claims, Antimony Creek area, Dawson Mining District. This program was carried out as part of a larger exploration program, on the nearby AM claims, in order to allow Kennecott Canada Inc. to evaluate the gold deposit potential of the Buz and Hud claims, then held under option from Mr. Dave Joe of Whitehorse. Previous sampling programs on the property, while encouraging, were inconclusive.

The 1995 geochemical sampling program consisited of the collection of fifty-two rock, thirty-one soil, eleven fine fraction stream sediment and one heavy mineral samples. This preliminary sampling indicates that the most prospective area on the claims lies along the southern half of the Buz and the northern part of the Hud claims.

Results from the 1995 program will be used to plan a more extensive program of mapping, geochemical sampling, and possibly trenching, in 1996.

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INTRODUCTION

The Buz and Hud claims comprise a contiguous group of 18 claims in the Antimony Mountain area, west central Yukon Territory. In 1994, as part of their exploration efforts in the Antimony Mountain area, Kennecott Canada Inc. optioned the claims from Mr. Dave Joe of Whitehorse for their gold deposit potential. Based on encouraging results obtained during the 1995 field season, Kennecott has exercised its option on the Buz and Hud claims, and now has 100% ownership of the claims, except for a net smelter return royalty option retained by Mr. Joe.

In order to evaluate the gold potential of the Buz and Hud claims, a short exploration program, which included several days of geological mapping and prospecting, and two days of rock, soil and stream sediment sampling, was carried out. This geological and geochemical work was carried out to lay the foundation for more extensive work, possibly including trenching and drilling, in the future. This report details the methods employed, and the results obtained, from the geochemical survey carried out during two days in July.

LOCATION AND ACCESS

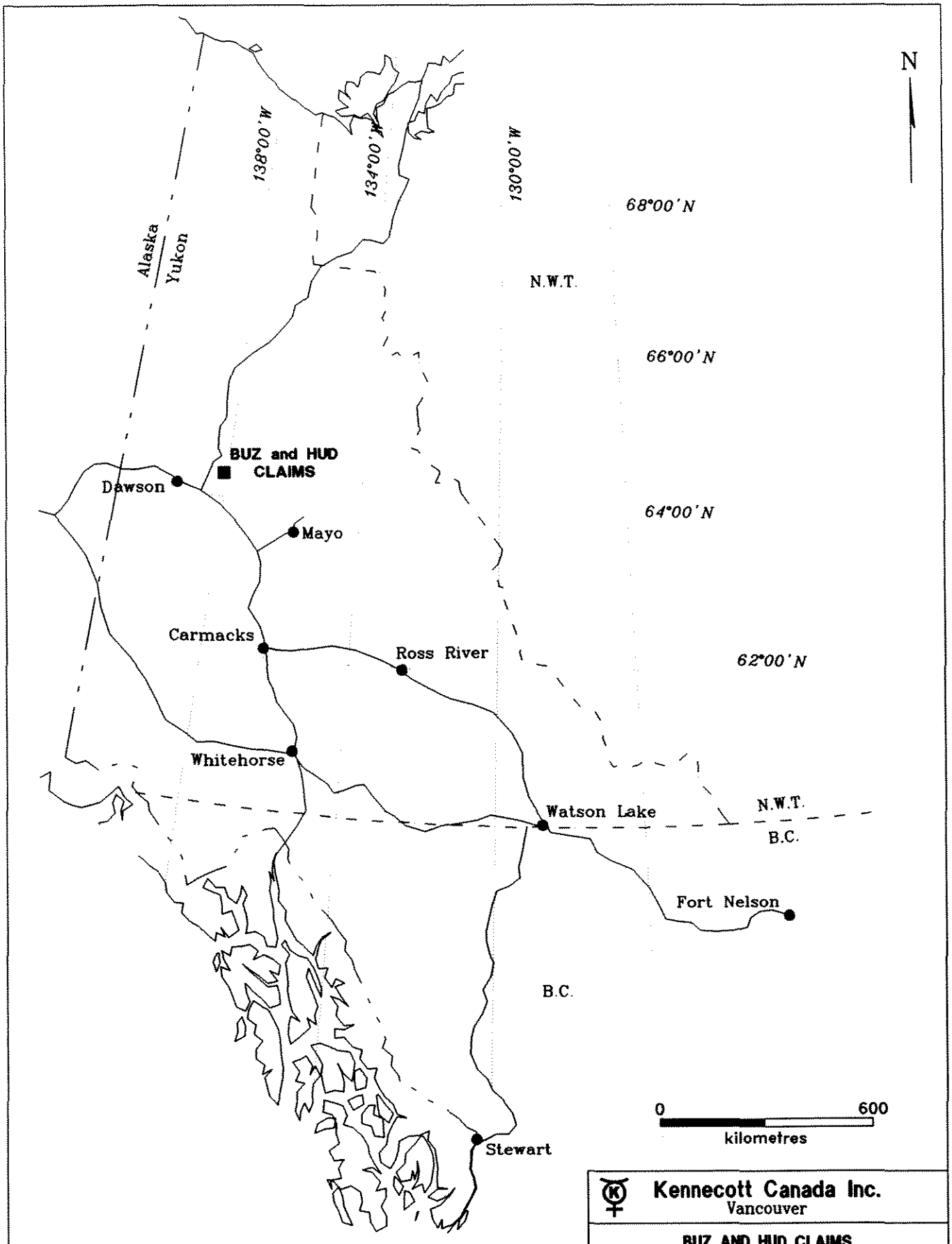
The Buz and Hud claims are located 65km northeast of Dawson City, and 18km east of the Dempster Highway (Fig. 1). Access to the claims is by a twenty-five minute helicopter ride from Dawson City. The claims are centred on 64° 18'N, 138° 17'W, on ridges east of the headwaters of Antimony Creek and west of Brewery Creek. The most prominent topographic feature in the vicinity of the claims is Antimony Mountain, whose jagged peak lies 5.5km to the southeast of the property.

CLAIM INFORMATION

The following table summarises claim information for the Buz and Hud claims.

Claim	Record No.	Expiry Date*
Buz 1-6	YB04013-YB04018	April 30, 1998
Hud 1-12	YB04001-YB04012	April 30, 1998

* Subject to approval of physical work filed in this report.



Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS

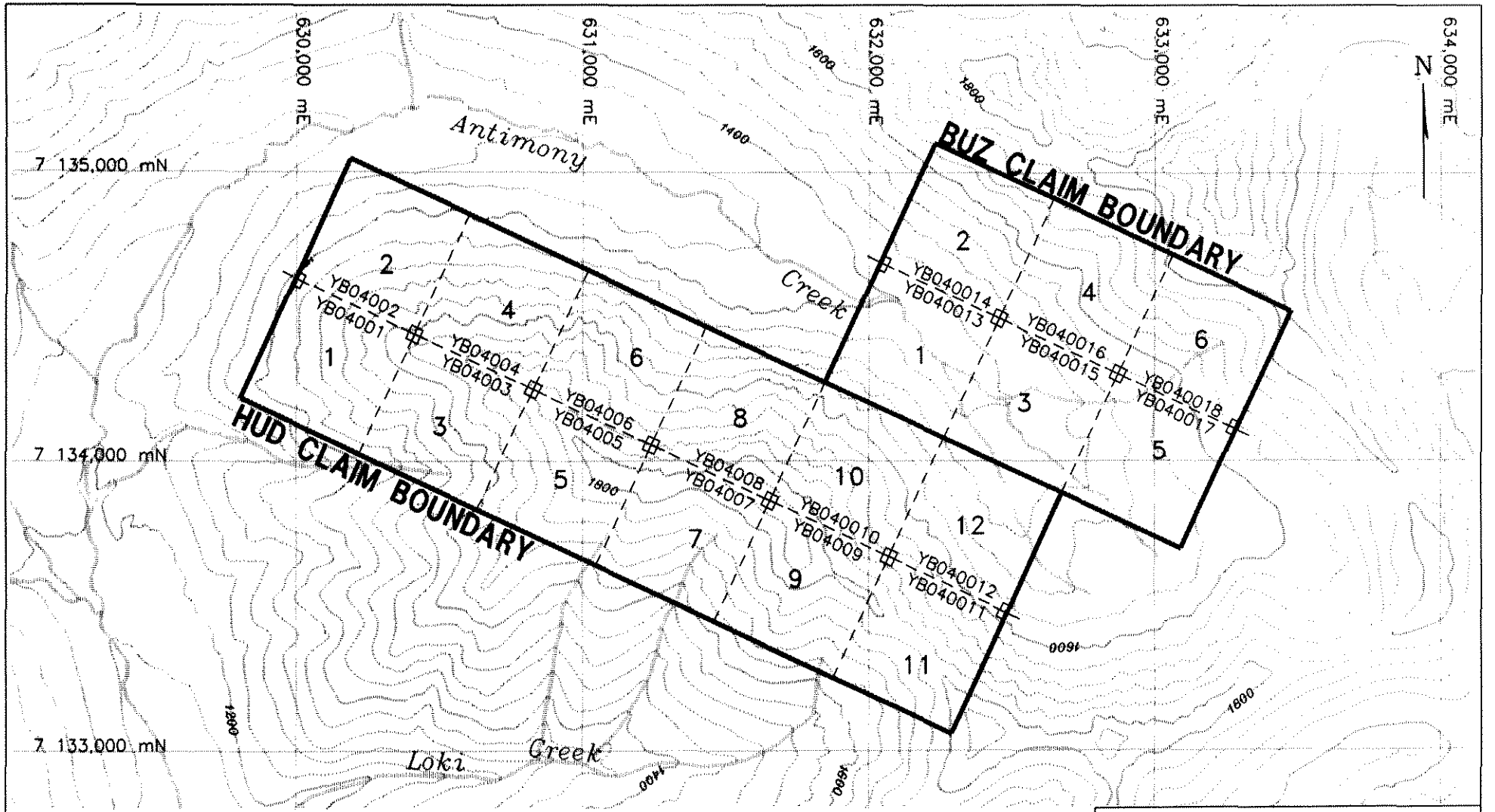
PROPERTY LOCATION

YUKON, CANADA

Date:	5/12/95	Author:	
File:	YUKLOC	PS:	1 = 15

Figure 1a

MJD, HO



claim post

YB04001 claim tag number

contour interval 40 metres

0 1000

metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS

CLAIIM MAP

YUKON, CANADA

Date: 5/12/95	Author: TH
File: 5BUZLOC	PS: 1 = 20

Figure 1b

HO

EXPLORATION HISTORY

The earliest assessment report available on the area is by Conwest Exploration, who staked the AJ/O'Brien Property on the eastern margin of the Antimony Mountain stock in 1966. Geology, geochemistry and four diamond drill holes totalling 659 feet were completed.

In 1975, Pan Archeron Mines completed geology, geochemistry and two diamond drill holes totalling 90.5m in the O'Brien Creek area.

In 1976, Standard Oil Co. of B.C. carried out a geologic and radiometric survey on the C Claims located at Antimony Mountain.

The Thor claims were staked by Anaconda Canada Exploration Ltd. based on anomalous results from a stream sediment survey carried out by the Geological Survey of Canada. The company carried out a stream sampling program and an EM survey in 1979 (Hall et al., 1980). The stream sampling program identified several anomalous areas, but the geophysical survey was of limited value due to instrument failure. Detailed mapping was carried out in 1980, followed by hand trenching and four NQ diamond drill holes in the upper Antimony Creek, or North Valley area.

Cody Hawk Resources carried out regional mapping, structural geology studies and geophysical surveys in 1984.

In 1987, the Thor property was restaked as the Buz and Hud claims by Kim Hudson. In 1988, Total Energold Corporation staked the Tooth claim group surrounding the Antimony Mountain stock, and in 1989, optioned the Buz and Hud claims from Ms. Hudson (Pelletier and Tucker, 1989 and Pelletier and Basnett, 1990). Limited geological and geochemical work was carried out in 1988-89, after which the Tooth claims were allowed to lapse, and the Buz and Hud claims reverted to the owner.

Cody Hawk Resources holds four claims covering the Walker vein at the western margin of the Antimony Mountain stock. Since Kennecott staked the AM Property, in 1994, four claims (the Tim's Claims) have been staked in the area covering the AJ vein by B. Kreft.

GEOLOGY

The Buz and Hud claims are located within the western part of the Selwyn Basin, which contains clastic and minor volcanic rocks ranging in age from Proterozoic to Jurassic. These rocks were deposited along a continental margin and underwent extension before being thrust northward in the Early Cretaceous. Plutons of the Tombstone Suite, including the Antimony Mountain stock, were intruded into the thrusted sequence at about 92 Ma.

The geology of the Dawson area was mapped by Green (1972) at 1:250,000 scale. The Antimony Mountain stock intrudes the Proterozoic to Lower Cambrian Hyland Group to the north and the Ordivician to Devonian Road River and Devonian and Mississippian Earn Groups in the south part of the Antimony Mountain area. Rocks in the Antimony Creek area are feldspathic grit, quartz pebble conglomerate, shale, greywacke, chert and limestone. Skarn formation is reported locally near the pluton margins.

The Buz claims are underlain largely by metamorphosed siltstone, mudstone and quartzite, intruded by quartz monzonite. The Hud claims cover metamorphosed siltstone, mudstone, argillite and quartzite with minor limestone and grit to the west. Thin monzonite and diorite dykes intrude the metasedimentary rock sequence. Grit was observed locally. Local zones of gossan were noted on the Hud claims. Mineralization consists largely of disseminations and thin veinlets of pyrrhotite and pyrite, with lesser disseminated arsenopyrite and chalcopyrite within hornfelsed metasedimentary rocks. Alteration includes local zones of sericitization, silicification and chloritization of metasedimentary rocks.

PREVIOUS GEOCHEMICAL SURVEYS

Stream sediment and soil sampling in the area southeast of the Buz and Hud claims by Total Energold for Au, Ag, As, Cu, Pb and Zn revealed several stream and soil anomalies. Total Energold also analyzed 245 rock samples. The best results were at upper Camp Creek/Rainbow Ridge, North Valley, upper Jan Creek and Cody Creek. Coverage, however, was not evenly distributed on the property.

A stream sediment geochemical survey was carried out in 1993/94 as part of a study of the proposed Tombstone Park area by T.J. Bremner of the Exploration and Geological Services Division of Indian and Northern Affairs Canada (Open File 1994-3(T)). The survey showed that the Tombstone area contains highly anomalous Au, Cu, Mo, W, U, and REE values clustered around the Tombstone intrusions, including the Antimony Mountain stock, where samples were taken from several streams draining the stock.

Bremner (1994) reports the area of the AM stock as anomalous in Au, As, Sb, U, Th, Rb, and Cs. Of 341 samples taken over the entire survey area, Pearson correlations indicate that gold shows strong correlations with As, W, Sb, and Cs, and moderate correlations with Eu, U, Th and Cu. Gold correlation with Cr, Ni, Zn, Mo, Pb, Co and Ag is poor.

1995 EXPLORATION PROGRAM

Due to budget constraints, the 1995 exploration program consisted of limited geological mapping, prospecting and rock, soil and stream sediment sampling. The report below details the results of the sampling program carried out. Sampling and analytical techniques are outlined in Appendix 1, and results are shown in Appendices 2 to 5.

Rock Sampling

A total of fifty-two rock samples were collected on the Buz and Hud claims. Sample locations are shown in Fig. 2, and results listed in Appendix 2.

The two most encouraging results, 0.83g/t gold (sample 11931) and 0.655g/t gold (sample 11929) were returned from two quartz vein samples collected near the southern boundary of the Buz 5 claims. These samplesalso returned high silver (28-154ppm), arsenic (>10,000ppm), bismuth (140-598ppm), lead (5,740- >10,000ppm), antimony (2,890-4,310ppm) and tungsten (<10-500ppm).

Sample 7749, a quartz vein cutting metasedimentary rocks near the boundary between the Hud 12 and Buz 3 claims, returned 0.645g/t gold, >10,000ppm arsenic, 92ppm bismuth, 232ppm antimony, 206ppm lead and elevated copper. On the western part of the Hud 12 claim, a sample of biotite syenite (sample 35002) with pyrrhotite stringers returned 390ppb gold, 130ppm bismuth, 5,270ppm copper, 228ppm lead, and low arsenic and antimony.

On the western part of Hud 7, a monzonite sample (35034) cutting calc-silicate altered metasedimentary rocks ruturned 65ppb gold, 4,720ppm arsenic, 26ppm bismuth, and 100ppm tungsten.

In general, while rock sampling results were generally poor, they substantiate soil and drainage anomalies reported below. Additional rock sampling in 1996 is required to properly evaluate the property further.

Soil Sampling

A total of 31 contour soil samples were collected on and below the claims at the headwaters of North Valley (Fig. 3). Twelve samples (35701-35712) were collected north of the creek, and eleven (samples 8224-8230 and 35601-35605) were collected to the south of Antimony Creek. An additional seven samples (8231-8237) were also collected down slope from the Hud 6 and 8 claims, in order tho test mineralization on these claims.

Along the southern contour soil line, ten samples returned >100ppb gold, with bismuth between <2-50ppm, and ten samples >6ppm bismuth. Elevated copper values, up to 1,325ppm, and anomalous lead, antimony and arsenic values were also obtained.

Along the northern line, the highest gold value received was 90ppb, with only one sample with greater than 6ppm bismuth. Elevated arsenic, but much lower lead, antimony, copper and slightly higher vanadium.

Drainage Sampling

During the present exploration program, eleven fine fraction and one heavy mineral samples were collected along streams draining the Buz and Hud claims.

The highest gold and bismuth values in fine fraction sediment samples (105ppb gold and 14ppm bismuth) were obtained in sample 19978, collected along Antimony Creek, a tributary to which drains the Hud 1, 3 and 5 claims. Samples 19981 to 19986, collected along a second tributary to Antimony Creek, which drains the Buz 1-6 and hud 9-12 claims, returned between 20-85ppb gold, 2-14ppm bismuth, and 368-1,060ppm arsenic.

Heavy mineral, 19587, collected along a tributary draining the south part of Hud 5 and 7 claims, returned 198ppb gold.

In general, the southern part of the Hud claims returned lower gold, arsenic and uranium in stream sediment than the Buz and Hud 9-12 claims. This observation is supported by rock sampling, which suggests a greater potential for gold mineralization in the northern part of the Hud claim group, and the southern half of the Buz claims.

RECOMMENDATIONS

Based on the results of the 1995 exploration program, further geochemical sampling is required to properly evaluate the Buz and Hud claims. Further contour soil and talus fines sampling, as well as ridge and spur soil and rock sampling, should be conducted at both the Buz and Hud claims in 1996. Contingent on the results of the geochemical sampling, a trenching program may also be considered.

REFERENCES

Bremner, T.J., 1994. Proposed Tombstone area park - A preliminary review of mineral potential; Exploration and Geological Services Division, Yukon Region, Open File 1994-2(T), 115p.

Green, L.H., 1972. Geology of Nash Creek, Larsen Creek, and Dawson map-areas, Yukon Territory; Geological Survey of Canada, Memoir 364, 157p.

Hall, R., Baldry, K. and Fitzmaurice, T., 1980. Final report - 1980 Antimony Mountain Project, Thor 1-192 claims; Anaconda Canada Exploration Ltd., 31p.

Pelletier, K. and Tucker, T., 1989. Geological and geochemical report on the Buz 1-14, Hud 1-6 and Tooth 1-180 claims, O'Brien Property; Exploration and Geological Services Division, Yukon Region, Assessment Report 92787, 19p.

Pelletier, K.S. and Basnett, R., 1990. Summary of 1989 exploration on the Tooth 1-180, Buz 1-14, Hud 1-6, Con 1-6 and JA 1-36 claims; Total Energold Corporation, internal report, 56p.

STATEMENT OF COSTS

Salaries:		
R. Hulstein - Jul. 12-13 - 1.5 days @ $350/day	$525	
N. Reardon - Jul 12-13 - 1.5 days @ $350/day	525	
M. Beattie - Jul 12-13 - 1.5 days @$250/day	375	
T. Pierce - Jul 12-13 - 1.5 days @250/day	375	
J. Bond - Jul 12-13 - 1.5 days @ $250/day	375	$2,175
Supplies and equipment		600
Truck rentals		500
Accomodations and food		500
Geochemistry		
Rock sample analysis - 40 samples @ $20/sample	$800	
Soil sample analysis - 31 samples @ $20/sample	620	
Stream sediment sample analysis - 14 samples @ $50/sample	700	2,120
Helicopter - 4 hrs @ $830/hour		3,320
Report preparation		1,000
Total Expenses		$10,215

STATEMENT OF QUALIFICATIONS

I, Thomas Heah, with business address:

Kennecott Canada Inc.
354-200 Granville Street
Vancouver, B.C.
V6C 1S4

and residential address in Vancouver, British Columbia, do hereby certify that:

1. I am a geologist with Kennecott Canada Inc.

2. I am a graduate of the University of British Columbia, Vancouver, with degrees in geology (B.Sc., 1982 and MSc., 1991) and have been involved in geological work continuously since 1979.

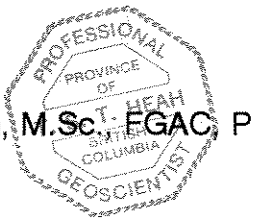
3. I am a fellow of the Geological Association of Canada.

4. I am registered as a professional geoscientist (No. 19755) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

5. I supervised work, and am the author of this report on the Buz and Hud claims, Dawson Mining District, Yukon.

Dec. 8, 1995

Tom Heah, M.Sc., FGAC, P.Geo.



APPENDIX 1. Sampling and Analytical Techniques

Sampling Techniques

Fine fraction drainage sediment samples were collected by shovelling stream sediment from moderate energy environments into a 10 mesh aluminum screen with collector. Approximately 2 - 3kg of -10 mesh (2mm) material was collected and submitted to McKay and Associates in Whitehorse for separation into three size fractions with a mechanical siever. The -53 μm and -150 +53 μm fractions were submitted for gold analysis by fire assay with A.A. finish and 32 - element ICP analysis at Chemex Labs in North Vancouver.

Heavy mineral samples were collected by shovelling sediment from high energy (such as bar head) environments into a 10 mesh aluminum screen with collector. Approximately 20 - 30kg of -10 mesh (2mm) material was collected and concentrated using a Knelson concentrator. The heavy mineral concentrate was sent for analysis for gold and 33 additional elements by instrumental neutron activation analysis Bondar Clegg Laboratories in North Vancouver.

Soil samples were collected by scooping "B" horizon soils or talus fines into either one or two kraft envelopes. The samples were sieved to -150 mesh and analysed for gold by fire assay/AA finish and 32 additional elements by ICP analysis at Chemex Labs

Analytical Techniques

Screening Procedure:

> Geochemical samples (soils, silts) are dried at 50°C, disaggregated by striking and then sieved through an 80 mesh stainless steel screen. If insufficient material is obtained, the sample is sieved through a 35 mesh screen and the -35 mesh material is ring pulverized.
>
> If there is still insufficient material for analysis after sieving -35 mesh, then the whole sample is recombined and ground.

Gold by Fire Assay Collection / Atomic Absorption Spectroscopy (FA-AA)

> A 30g sample is fused with a neutral lead oxide flux inquarted with 6mg of gold-free silver and then cupelled to yield a precious metal bead.
>
> These beads are digested for 30 mins. in 0.5ml concentrated nitric acid, then 1.5 ml of concentrated hydrochloric acid are added and the mixture is digested for 1 hr. The samples are cooled, diluted to a final volume of 5ml, homogenized and analyzed by atomic absorption spectroscopy. Detection and upper limits are 5 and 10,000ppb, respectively.

32-Element Geochemistry Package (32-ICP)
Inductively-Coupled Plasma-Atomic Emission Spectroscopy (ICP-AES)

A prepared sample (1.0g) is digested with concentrated nitric and aqua regia acids at medium heat for two hours. The acid solution is diluted to 25ml with demineralized water, mixed and analyzed using a Jarrell Ash 1100 plasma spectrometer after calibration with proper standards. The analytical results are corrected for spectral inter-element interferences.

Gold and 33 elements by INAA

The sample pulp is put into a vial which is irradiated in a flux of neutrons, by inserting it into the core of a nuclear reactor. The sample is removed from the neutron flux and placed close to a gamma-ray detector. The gamma-rays continue to radiate from the sample and interact with the detector to produce discrete voltage pulses which are proportional in height to the incident gamma-ray energies. The multichannel analyzer sorts out the voltage pulses from the detector according to size and digitally constructs a spectrum of gamma-ray energies versus intensities. By comparing spectral peak positions and areas with standards, the elements comprising the sample are qualitatively and quantitatively identified.

APPENDIX 2. Rock Sample Results

Sample	Easting	Northing	Rock Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
7737	632308.5	7133203.3	BRX	3	0	1	1	20	1	1	3	0	3	25	4	3	5	1	0	10
7738	632309.3	7133204.4	QTE	3	0	0	18	10	0	1	0	0	1	130	25	1	5	1	0	5
7739	632204.4	7133350.2	QTE	3	1	0	4	5	0	1	0	0	8	247	124	3	5	1	0	5
7740	632095.1	7133419.3	BRX	20	0	1	232	20	1	2	0	0	11	156	42	4	5	1	0	10
7741	632094.8	7133420.7	BRX	3	0	0	18	5	0	1	0	0	1	236	10	1	5	1	0	5
7742	632095	7133420.5	BRX	3	0	1	506	70	0	1	0	0	1	154	69	5	5	1	0	5
7747	632519	7134111	HRN	30	0	2	50	20	1	4	2	0	8	173	95	3	5	1	0	20
7748	632556	7134058	VEN	200	0	1	10000	30	0	1	0	0	13	183	78	4	5	1	0	5
7749	632556	7134058	VEN	645	8	0	10000	40	0	92	0	0	19	133	292	6	5	1	0	5
7750	632556	7134058	QTE	15	0	1	170	200	0	1	0	0	5	149	94	3	5	1	0	5
7995	633905	7133814	DIO	3	0	1	8	170	2	1	1	0	7	77	18	3	5	1	0	50
8049	632130	7133957	INT	25	0	1	236	120	0	1	0	0	11	69	64	3	5	1	0	30
8050	632173	7133953	INT	20	0	2	140	90	1	2	1	0	17	89	89	5	5	1	1	40
8070	632217	7133797	MST	3	0	5	64	110	2	1	2	0	6	146	25	3	5	1	1	10
8071	632261	7133726	MST	3	0	3	30	80	1	6	1	0	4	109	24	2	5	1	1	5
8072	632300	7133657	FSP	20	0	0	28	40	0	2	1	0	6	177	93	3	5	1	0	10
8073	632368	7133600	QTE	3	0	0	14	10	0	1	0	0	1	161	14	1	5	1	0	5
8074	632734	7134194	MST	3	0	2	16	290	1	1	0	0	12	159	37	3	5	1	1	30
8075	632936	7134631	MNZ	3	0	1	34	570	1	4	1	1	10	39	62	2	5	1	0	30
8076	632883	7134765	QTE	3	0	1	30	50	1	1	0	0	4	192	18	1	5	1	0	10
8096	633970	7134304	MTS	3	0	3	44	150	1	1	1	0	9	159	67	3	5	1	1	10
8097	633908	7134435	MTS	15	0	1	34	70	1	1	0	0	2	143	123	4	5	1	0	10
11917	632584	7134035	SLT	3	0	2	72	120	0	2	1	0	7	71	26	3	5	1	0	20
11918	632610	7134027	VEN	3	0	1	20	70	1	1	0	0	9	99	34	2	5	1	0	10
11919	632610	7134027	VEN	20	0	1	104	50	0	2	0	0	10	71	138	3	5	1	0	5
11920	632610	7134027	SLT	130	0	0	80	10	0	1	0	0	8	48	150	3	5	1	0	5
11921	632708.7	7133941.5	SLT	3	0	1	148	130	0	1	0	0	7	70	59	2	5	1	0	10
11923	632730.7	7133911.2	ARG	3	0	1	190	70	1	1	0	0	11	118	35	2	5	1	0	5
11924	632747.6	7133902.9	BRX	3	0	1	224	70	1	1	1	0	7	122	93	2	5	1	0	5
11925	632786	7133898	QTE	35	0	0	34	5	0	1	1	0	5	99	253	4	5	1	0	10
11926	632803	7133893	ARG	10	0	0	38	20	0	1	0	0	1	194	28	1	5	1	0	5
11927	632828.7	7133863.1	ARG	3	1	2	46	130	2	1	1	0	12	34	52	2	10	1	0	20
11928	632864.4	7133809.2	VEN	5	0	1	54	20	0	1	0	0	1	320	48	2	5	1	0	10
11929	632874.7	7133800	VEN	655	28	0	10000	30	1	140	0	0	48	199	708	8	5	1	0	5
11930	632874.7	7133800	ARG	15	1	1	1115	160	1	2	0	0	4	149	101	3	5	1	0	10
11931	632856	7133823.1	VEN	830	154	0	10000	10	1	598	0	37	113	117	1970	15	5	1	0	5

Sample	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
7737	1	360	1	0	12	190	10	2	6	117	0	5	5	17	5	36	A9523667
7738	0	40	1	0	2	100	2	1	1	2	0	5	5	4	5	4	A9523667
7739	0	175	1	0	18	90	84	12	1	4	0	5	5	8	5	44	A9523667
7740	0	255	1	0	23	120	22	14	1	9	0	5	5	6	5	28	A9523667
7741	0	55	1	0	7	110	4	1	1	1	0	5	5	1	5	18	A9523667
7742	0	10	3	0	2	840	8	12	1	3	0	5	5	17	5	6	A9523667
7747	0	90	1	0	12	4020	10	1	3	54	0	5	5	23	5	18	A9524471
7748	0	35	12	0	11	350	4	6	1	10	0	5	5	14	5	4	A9524471
7749	0	20	8	0	8	270	206	232	1	11	0	5	5	6	5	14	A9524471
7750	0	525	1	0	20	130	6	1	3	15	0	5	5	41	5	34	A9524471
7995	1	535	4	0	3	980	20	1	6	54	0	5	5	59	5	58	A9523668
8049	0	110	4	0	11	920	40	1	1	55	0	5	5	44	5	32	A9524471
8050	2	210	6	0	11	1190	24	1	14	48	0	5	5	132	5	48	A9524471
8070	2	100	3	0	18	350	4	1	7	146	0	5	5	92	5	18	A9524471
8071	1	75	2	0	11	300	4	1	4	77	0	5	5	53	5	14	A9524471
8072	0	70	1	0	7	4310	22	20	1	14	0	5	5	4	5	18	A9524471
8073	0	10	1	0	3	80	8	1	1	5	0	5	5	2	5	8	A9524471
8074	0	125	1	0	26	320	32	4	4	10	0	5	5	29	5	32	A9523668
8075	1	320	3	0	8	1190	74	2	3	175	0	5	5	57	5	78	A9523668
8076	0	125	1	0	11	170	14	1	2	12	0	5	5	11	5	22	A9523668
8096	1	150	7	0	32	710	10	1	6	85	0	5	5	169	5	34	A9524471
8097	0	120	6	0	16	1190	20	1	4	27	0	5	5	142	5	26	A9524536
11917	1	515	2	0	11	1130	22	1	7	56	0	5	5	68	5	56	A9524471
11918	0	50	1	0	19	600	2	1	2	8	0	5	5	9	5	4	A9524471
11919	0	40	3	0	14	150	10	2	1	29	0	5	5	12	5	6	A9524471
11920	0	15	1	0	6	100	2	1	1	1	0	5	5	5	5	1	A9524471
11921	0	35	1	0	12	210	6	1	4	106	0	5	5	25	5	6	A9524471
11923	1	50	1	0	26	270	8	1	4	16	0	5	5	43	5	14	A9524471
11924	0	45	6	0	44	3300	8	2	2	16	0	5	5	84	5	66	A9524471
11925	0	35	1	0	8	4740	10	1	1	11	0	5	5	6	5	8	A9524471
11926	0	15	59	0	4	90	12	1	1	1	0	5	5	4	5	8	A9524471
11927	0	70	2	0	35	610	8	4	2	43	0	5	5	13	5	14	A9524471
11928	0	70	1	0	6	1200	8	1	1	10	0	5	5	12	5	12	A9524471
11929	0	45	2	0	29	890	5740	2890	1	10	0	5	5	10	5	32	A9524471
11930	0	130	1	0	10	510	68	26	3	8	0	5	5	26	5	18	A9524471
11931	0	50	4	0	31	320	10000	4310	1	7	0	5	5	10	500	2770	A9524471

Sample	Easting	Northing	Rock Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
11932	632822.1	7133876.2	BRX	120	3	0	10000	70	1	6	12	0	57	64	713	5	10	1	0	5
11933	632847	7133846	ARG	3	0	3	214	80	1	1	2	0	6	194	76	2	20	1	1	20
11934	632884	7133812	MNZ	25	13	0	4070	5	0	1	0	0	12	91	2380	15	5	1	0	5
11935	632228	7134367	QTE	3	0	3	22	80	1	1	2	0	6	109	17	2	5	1	0	10
11936	632228	7134367	ARG	3	0	9	472	20	2	2	5	0	16	104	68	4	20	1	0	10
11937	632143	7134477	BRX	65	1	2	34	30	0	6	1	0	1	45	163	9	5	1	0	40
11938	632143	7134477	BRX	20	0	2	40	40	1	1	1	0	2	102	53	9	5	1	0	10
11939	631789	7134669	ARG	3	0	3	66	70	2	1	1	0	9	43	29	3	5	1	0	10
31919	633454	7134502	SLS-MS	3	0	4	64	140	2	1	2	0	11	155	68	3	20	1	1	10
31920	633454	7134502	SLS	3	0	1	38	20	1	1	4	0	7	84	61	3	5	1	0	5
31921	633454	7134502	SLS	10	0	1	210	20	1	1	0	0	4	95	162	6	5	1	0	10
31922	633454	7134502	SLS	10	0	1	44	310	1	1	0	0	2	131	40	3	5	1	1	20
31923	633414	7134603	QTE	3	0	0	14	40	0	1	3	0	1	267	2	1	5	1	0	5
35001	633304	7133675	VEN	1510	27	0	10000	10	1	512	0	1	39	98	2720	13	5	1	0	20
35002	632247	7134036	POO	390	22	0	112	5	0	130	0	2	28	5	5270	15	5	1	0	5
35003	631729	7133797	MNZ	3	0	2	558	80	1	8	1	0	24	55	111	6	5	1	0	30
35004	631562	7133919	MNZ	15	0	1	2310	60	1	28	1	0	23	28	86	4	5	1	0	30
35005	631453	7133928	MNZ	10	0	1	286	110	1	1	1	0	14	35	193	4	5	1	0	20
35031	631295	7133980	DIO	10	0	1	16	90	1	1	1	0	27	56	105	5	5	1	0	40
35032	631295	7133980	SKR	3	0	2	146	30	1	1	2	0	9	43	283	15	5	1	0	5
35033	631295	7133980	CSI	3	0	3	28	130	1	1	10	1	12	67	80	4	5	1	0	10
35034	631298	7134003	MNZ	65	1	1	4720	110	1	26	1	0	8	46	159	3	10	1	0	40
35035	631298	7134003	MNZ	3	0	3	8	690	1	1	2	0	16	51	44	4	5	1	1	40
35043	633787	7134515	SLS	3	0	3	86	160	2	1	2	0	15	107	77	3	10	1	1	20

Sample	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Certificate
11932	4	450	4	0	56	400	92	56	1	892	0	5	5	6	10	80	A9524471
11933	1	125	61	0	13	260	28	8	2	162	0	5	5	31	100	32	A9524471
11934	0	90	1	0	35	70	66	26	1	2	0	5	20	2	5	76	A9523667
11935	0	100	1	0	15	350	30	2	1	123	0	5	5	11	5	68	A9523667
11936	0	100	1	1	20	630	28	2	3	259	0	5	5	27	5	36	A9523667
11937	0	75	1	0	3	240	12	1	2	50	0	5	5	12	5	16	A9523667
11938	0	160	1	0	3	370	6	1	4	99	0	5	5	26	5	8	A9523667
11939	1	245	1	0	28	320	4	1	4	45	0	5	5	18	5	20	A9523667
31919	1	165	3	0	29	900	16	4	8	195	0	5	5	112	5	30	A9524471
31920	0	640	1	0	12	1560	8	6	6	30	0	5	5	35	5	30	A9524471
31921	0	75	2	0	18	1910	18	26	7	56	0	5	5	65	5	20	A9524471
31922	0	70	3	0	5	1260	28	6	5	24	0	5	5	112	5	24	A9524471
31923	0	255	1	0	5	70	12	2	1	14	0	5	5	6	5	12	A9524471
35001	0	65	9	0	7	600	254	364	3	8	0	5	5	10	3260	46	A9524471
35002	0	190	1	0	57	10	228	28	1	1	0	5	10	3	5	192	A9523668
35003	1	250	3	0	12	2130	30	2	3	292	0	5	5	85	5	44	A9523668
35004	0	95	2	0	15	1900	40	2	2	151	0	5	5	28	5	38	A9523668
35005	1	290	2	0	11	2130	46	1	10	63	0	5	5	113	5	50	A9523668
35031	0	245	2	0	16	2120	44	1	2	137	0	5	5	73	5	52	A9525260
35032	0	460	2	0	9	510	10	2	2	83	0	5	5	32	5	40	A9525260
35033	1	690	1	0	26	870	6	1	5	178	0	5	5	54	5	50	A9525260
35034	0	160	2	0	3	1720	52	12	2	113	0	5	5	34	100	40	A9524471
35035	1	415	2	0	8	990	32	2	3	276	0	5	5	167	5	86	A9525260
35043	1	185	3	0	34	1150	34	6	5	96	0	5	5	60	5	40	A9524471

APPENDIX 3. Soil Sample Results

Sample	Easting	Northing	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
8224	632117	7134082	270	6	3	3160	200	0	50	0	2	53	34	1325	11	10	1	0	40	1
8225	632085	7134125	70	2	3	672	120	0	18	0	0	21	42	278	7	10	1	0	20	1
8226	632069	7134144	165	6	2	2920	180	0	52	0	0	14	46	511	13	5	1	0	10	1
8227	631980	7134191	95	2	2	1175	150	0	6	0	0	43	27	699	8	5	1	0	20	0
8228	631959	7134194	375	2	3	684	230	1	32	1	1	46	41	437	8	20	1	0	100	1
8229	631914	7134225	80	1	3	1045	190	0	6	0	0	26	36	372	8	10	1	0	40	1
8230	631942	7134399	155	0	3	512	80	0	14	0	0	31	39	181	8	10	1	0	30	1
8231	631878	7134412	125	0	3	226	140	0	2	0	0	24	38	126	8	10	1	0	20	1
8232	631826	7134432	150	2	3	1225	140	0	6	0	0	27	47	285	9	10	1	0	30	1
8233	631765	7134445	80	0	2	146	70	0	8	0	0	21	30	151	7	10	1	0	20	0
8234	631595	7134448	25	0	4	72	120	0	1	0	0	21	36	134	6	10	1	0	20	1
8235	631441	7134479	105	1	3	648	180	0	26	0	0	50	31	221	10	10	1	0	30	1
8236	631381	7134503	45	0	3	400	270	1	8	1	0	35	31	105	8	10	1	0	60	1
8237	631308	7134557	5	0	3	58	180	1	2	0	0	19	35	54	4	10	1	0	20	1
35601	632214	7133928	35	0	3	170	270	1	10	0	0	32	37	121	6	10	1	0	30	1
35602	632222	7133896	380	0	2	590	240	0	34	0	0	35	30	172	7	10	1	0	70	1
35603	632254	7133769	165	1	2	448	280	0	24	0	0	8	33	251	11	10	1	0	90	0
35604	632300	7133650	75	0	2	228	120	0	6	0	0	14	30	118	6	10	1	0	60	1
35605	632336	7133621	115	3	2	1170	140	0	40	0	1	70	27	691	10	20	1	0	90	0
35702	632809	7134255	3	0	2	112	140	1	1	0	0	8	30	34	4	5	1	0	10	0
35703	632746	7134319	3	0	2	254	170	2	1	0	0	17	30	47	4	5	1	0	20	0
35704	632685	7134410	20	0	3	1135	320	3	1	1	0	22	21	76	5	5	1	0	40	1
35705	632623	7134488	15	0	3	498	360	2	2	1	0	26	25	72	6	5	1	0	40	1
35706	632568	7134570	90	0	3	2450	310	2	2	0	0	30	30	81	5	5	1	0	20	1
35707	632485	7134632	20	0	3	598	360	2	1	0	1	26	35	57	5	5	1	0	20	1
35708	632432	7134679	15	0	3	910	300	2	1	1	0	26	54	71	6	5	1	0	30	1
35709	632361	7134763	45	0	2	806	170	1	2	0	0	27	30	159	6	5	1	0	30	1
35710	632272	7134822	85	0	2	2330	220	2	12	1	0	43	19	97	6	5	1	0	30	1
35711	632219	7134855	25	0	3	1525	160	1	4	0	0	34	26	84	5	5	1	0	10	1
35712	632157	7134898	35	0	2	806	200	2	2	0	0	21	28	92	4	5	1	0	10	1
35713	632067	7134976	3	0	2	458	130	1	1	0	0	18	33	69	3	5	1	0	10	1

Sample	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8224	1365	3	0	76	1420	408	36	9	102	0	5	5	49	5	312
8225	650	3	0	39	1300	212	14	7	45	0	5	5	58	5	132
8226	360	8	0	24	2250	1010	32	9	71	0	5	5	55	5	206
8227	1365	3	0	64	1220	124	24	9	49	0	5	5	47	5	228
8228	1565	2	0	56	1890	106	22	17	72	0	5	5	79	10	176
8229	705	5	0	53	1120	92	14	9	102	0	5	5	71	5	172
8230	630	3	0	53	840	82	16	10	47	0	5	5	48	5	124
8231	590	2	0	28	790	80	20	8	165	0	5	5	44	5	90
8232	560	4	0	48	1020	192	48	9	60	0	5	5	52	5	236
8233	415	4	0	38	820	52	16	6	38	0	5	5	43	5	104
8234	440	1	0	58	880	144	10	6	84	0	5	5	43	5	224
8235	1150	1	0	66	1180	190	44	6	201	0	5	5	43	5	282
8236	1175	1	0	38	1580	128	50	8	150	0	5	5	61	5	162
8237	570	1	0	33	770	38	4	6	96	0	5	5	51	5	102
35601	1035	3	0	29	1270	30	6	7	83	0	5	5	71	5	98
35602	1060	2	0	42	1270	66	24	7	46	0	5	5	54	20	222
35603	185	3	0	17	3480	66	40	10	51	0	5	5	63	20	126
35604	310	5	0	31	1050	42	16	8	24	0	5	5	62	5	122
35605	1180	2	0	59	970	640	30	11	39	0	5	5	40	5	598
35702	515	2	0	17	1170	36	2	2	26	0	5	5	74	5	72
35703	905	1	0	28	850	42	2	6	19	0	5	5	54	5	104
35704	860	1	0	21	1420	52	2	13	82	0	5	5	69	5	94
35705	1155	1	0	27	1670	56	4	16	89	0	5	5	112	5	118
35706	660	1	0	33	1270	36	6	6	114	0	5	5	58	5	82
35707	1125	1	0	30	1060	54	4	10	77	0	5	5	90	5	154
35708	875	1	0	19	1630	48	2	14	85	0	5	5	116	5	114
35709	650	7	0	51	2610	46	4	6	53	0	5	5	103	5	122
35710	1100	2	0	37	1990	48	4	7	89	0	5	5	56	5	114
35711	525	2	0	48	730	44	4	4	80	0	5	5	45	5	88
35712	1320	1	0	26	1320	28	2	4	50	0	5	5	59	5	84
35713	490	1	0	32	350	16	1	4	15	0	5	5	58	5	82

Sample	Easting	Northing	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
8224	632117	7134082	270	6	3	3160	200	0	50	0	2	53	34	1325	11	10	1	0	40	1
8225	632085	7134125	70	2	3	672	120	0	18	0	0	21	42	278	7	10	1	0	20	1
8226	632069	7134144	165	6	2	2920	180	0	52	0	0	14	46	511	13	5	1	0	10	1
8227	631980	7134191	95	2	2	1175	150	0	6	0	0	43	27	699	8	5	1	0	20	0
8228	631959	7134194	375	2	3	684	230	1	32	1	1	46	41	437	8	20	1	0	100	1
8229	631914	7134225	80	1	3	1045	190	0	6	0	0	26	36	372	8	10	1	0	40	1
8230	631942	7134399	155	0	3	512	80	0	14	0	0	31	39	181	8	10	1	0	30	1
8231	631878	7134412	125	0	3	226	140	0	2	0	0	24	38	126	8	10	1	0	20	1
8232	631826	7134432	150	2	3	1225	140	0	6	0	0	27	47	285	9	10	1	0	30	1
8233	631765	7134445	80	0	2	146	70	0	8	0	0	21	30	151	7	10	1	0	20	0
8234	631595	7134448	25	0	4	72	120	0	1	0	0	21	36	134	6	10	1	0	20	1
8235	631441	7134479	105	1	3	648	180	0	26	0	0	50	31	221	10	10	1	0	30	1
8236	631381	7134503	45	0	3	400	270	1	8	1	0	35	31	105	8	10	1	0	60	1
8237	631308	7134557	5	0	3	58	180	1	2	0	0	19	35	54	4	10	1	0	20	1
35601	632214	7133928	35	0	3	170	270	1	10	0	0	32	37	121	6	10	1	0	30	1
35602	632222	7133896	380	0	2	590	240	0	34	0	0	35	30	172	7	10	1	0	70	1
35603	632254	7133769	165	1	2	448	280	0	24	0	0	8	33	251	11	10	1	0	90	0
35604	632300	7133650	75	0	2	228	120	0	6	0	0	14	30	118	6	10	1	0	60	1
35605	632336	7133621	115	3	2	1170	140	0	40	0	1	70	27	691	10	20	1	0	90	0
35702	632809	7134255	3	0	2	112	140	1	1	0	0	8	30	34	4	5	1	0	10	0
35703	632746	7134319	3	0	2	254	170	2	1	0	0	17	30	47	4	5	1	0	20	0
35704	632685	7134410	20	0	3	1135	320	3	1	1	0	22	21	76	5	5	1	0	40	1
35705	632623	7134488	15	0	3	498	360	2	2	1	0	26	25	72	6	5	1	0	40	1
35706	632568	7134570	90	0	3	2450	310	2	2	0	0	30	30	81	5	5	1	0	20	1
35707	632485	7134632	20	0	3	598	360	2	1	0	1	26	35	57	5	5	1	0	20	1
35708	632432	7134679	15	0	3	910	300	2	1	1	0	26	54	71	6	5	1	0	30	1
35709	632361	7134763	45	0	2	806	170	1	2	0	0	27	30	159	6	5	1	0	30	1
35710	632272	7134822	85	0	2	2330	220	2	12	1	0	43	19	97	6	5	1	0	30	1
35711	632219	7134855	25	0	3	1525	160	1	4	0	0	34	26	84	5	5	1	0	10	1
35712	632157	7134898	35	0	2	806	200	2	2	0	0	21	28	92	4	5	1	0	10	1
35713	632067	7134976	3	0	2	458	130	1	1	0	0	18	33	69	3	5	1	0	10	1

Sample	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
8224	1365	3	0	76	1420	408	36	9	102	0	5	5	49	5	312
8225	650	3	0	39	1300	212	14	7	45	0	5	5	58	5	132
8226	360	8	0	24	2250	1010	32	9	71	0	5	5	55	5	206
8227	1365	3	0	64	1220	124	24	9	49	0	5	5	47	5	228
8228	1565	2	0	56	1890	106	22	17	72	0	5	5	79	10	176
8229	705	5	0	53	1120	92	14	9	102	0	5	5	71	5	172
8230	630	3	0	53	840	82	16	10	47	0	5	5	48	5	124
8231	590	2	0	28	790	80	20	8	165	0	5	5	44	5	90
8232	560	4	0	48	1020	192	48	9	60	0	5	5	52	5	236
8233	415	4	0	38	820	52	16	6	38	0	5	5	43	5	104
8234	440	1	0	58	880	144	10	6	84	0	5	5	43	5	224
8235	1150	1	0	66	1180	190	44	6	201	0	5	5	43	5	282
8236	1175	1	0	38	1580	128	50	8	150	0	5	5	61	5	162
8237	570	1	0	33	770	38	4	6	96	0	5	5	51	5	102
35601	1035	3	0	29	1270	30	6	7	83	0	5	5	71	5	98
35602	1060	2	0	42	1270	66	24	7	46	0	5	5	54	20	222
35603	185	3	0	17	3480	66	40	10	51	0	5	5	63	20	126
35604	310	5	0	31	1050	42	16	8	24	0	5	5	62	5	122
35605	1180	2	0	59	970	640	30	11	39	0	5	5	40	5	598
35702	515	2	0	17	1170	36	2	2	26	0	5	5	74	5	72
35703	905	1	0	28	850	42	2	6	19	0	5	5	54	5	104
35704	860	1	0	21	1420	52	2	13	82	0	5	5	69	5	94
35705	1155	1	0	27	1670	56	4	16	89	0	5	5	112	5	118
35706	660	1	0	33	1270	36	6	6	114	0	5	5	58	5	82
35707	1125	1	0	30	1060	54	4	10	77	0	5	5	90	5	154
35708	875	1	0	19	1630	48	2	14	85	0	5	5	116	5	114
35709	650	7	0	51	2610	46	4	6	53	0	5	5	103	5	122
35710	1100	2	0	37	1990	48	4	7	89	0	5	5	56	5	114
35711	525	2	0	48	730	44	4	4	80	0	5	5	45	5	88
35712	1320	1	0	26	1320	28	2	4	50	0	5	5	59	5	84
35713	490	1	0	32	350	16	1	4	15	0	5	5	58	5	82

APPENDIX 4. Fine Fraction Stream Sediment Sample Results

95BUZ_SS.XLS

Sample	Easting	Northing	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
19974	631030	7133075	15	0	3	104	210	3	4	1	0	29	82	96	5	5	1	0	20
19975	631025	7132948	40	0	2	156	240	2	8	0	0	41	146	144	5	5	1	0	40
19976	630845	7133020	10	0	2	20	170	2	2	0	0	18	86	40	4	5	1	0	20
19977	630814	7132955	40	0	3	170	250	6	14	0	1	78	96	207	5	5	1	0	60
19978	629260	7133506	105	2	3	436	250	2	14	1	4	36	219	211	5	5	1	0	50
19979	629216	7133546	5	0	2	8	320	1	2	0	0	14	162	41	4	5	1	0	10
19980	629150	7133501	3	0	2	4	280	1	1	0	0	14	129	35	3	5	1	0	10
19981	632289	7134259	85	1	4	430	130	2	14	0	1	38	50	863	6	5	1	0	50
19982	632482	7134172	75	1	2	1060	150	2	6	1	1	21	86	287	4	5	1	0	30
19983	632494	7134216	20	0	3	368	220	1	2	1	1	23	64	139	4	5	1	0	30
19984	632282	7134325	80	1	3	1060	170	2	8	1	1	22	105	283	4	5	1	0	40
19985	632226	7134358	75	0	3	732	140	3	8	0	3	47	64	581	5	5	1	0	90
19986	631798	7134651	70	1	3	880	150	4	8	0	4	71	81	620	5	5	1	0	100
20769	633749	7134873	20	0	2	210	190	2	2	1	1	18	66	81	5	5	1	0	60

Sample	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19974	1	635	3	0	59	1050	42	4	6	117	0	5	5	61	5	140
19975	1	815	4	0	80	1240	46	8	6	79	0	5	5	55	5	142
19976	1	440	1	0	46	900	24	2	4	62	0	5	5	45	5	92
19977	1	1670	3	0	123	1340	50	4	7	88	0	5	5	57	5	230
19978	1	785	4	0	125	1290	172	34	8	90	0	5	5	72	5	374
19979	1	520	1	0	61	730	26	1	7	56	0	5	5	40	5	132
19980	1	325	1	0	46	680	22	1	6	57	0	5	5	35	5	102
19981	1	400	7	0	86	1100	58	4	7	47	0	5	5	69	5	266
19982	1	585	5	0	56	1100	50	4	6	86	0	5	20	79	5	150
19983	1	930	2	0	75	1140	42	2	6	83	0	5	5	72	5	176
19984	1	660	5	0	70	1190	54	4	7	93	0	5	10	78	5	160
19985	1	1010	6	0	111	1050	56	2	6	53	0	5	5	67	5	476
19986	1	1745	6	0	155	1140	62	2	6	68	0	5	5	66	5	668
20769	1	675	5	0	31	1620	74	2	8	102	0	5	40	85	5	150

-53 micron stream sediment results

95BUZ_SS.XLS

Sample	Easting	Northing	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
19974	631030	7133075	0	2	110	170	2	1	0	0	25	30	83	5	5	1	0	20	1	545
19975	631025	7132948	0	1	92	150	2	12	0	0	29	27	91	5	5	1	0	30	0	680
19976	630845	7133020	0	1	14	110	1	1	0	0	14	27	31	3	5	1	0	20	0	280
19977	630814	7132955	0	2	110	190	4	2	0	1	57	34	126	6	5	1	0	30	1	1235
19978	629260	7133506	2	1	316	100	1	8	0	1	19	26	93	4	5	1	0	20	0	430
19979	629216	7133546	0	1	4	120	1	1	0	0	13	20	29	3	5	1	0	5	0	365
19980	629150	7133501	0	1	4	120	1	1	0	0	12	23	25	3	5	1	0	5	0	240
19981	632289	7134259	1	4	504	140	2	4	0	0	48	37	699	7	10	1	0	60	1	540
19982	632482	7134172	1	2	1140	130	1	2	0	0	16	28	181	4	5	1	0	30	1	425
19983	632494	7134216	0	2	402	240	1	1	0	0	21	34	110	4	5	1	0	40	1	690
19984	632282	7134325	0	1	1180	130	1	4	0	0	16	23	179	4	5	1	0	30	1	415
19985	632226	7134358	0	2	794	130	2	2	0	1	60	25	368	5	10	1	0	70	1	1340
19986	631798	7134651	0	2	810	130	2	4	0	2	58	24	314	4	10	1	0	80	1	1430
20769	633749	7134873	0	2	138	210	2	1	1	0	17	25	52	4	10	1	0	80	1	520

Sample	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19974	2	0	43	730	38	6	3	126	0	5	5	37	5	122
19975	2	0	41	740	28	12	3	68	0	5	5	30	5	92
19976	1	0	27	510	18	1	2	53	0	5	5	24	5	72
19977	2	0	77	790	40	6	3	100	0	5	5	41	5	160
19978	1	0	41	730	122	60	3	53	0	5	5	36	5	198
19979	1	0	26	330	20	1	3	27	0	5	5	16	5	94
19980	1	0	27	350	18	1	2	37	0	5	5	19	5	84
19981	9	0	89	1190	60	10	7	88	0	5	5	62	5	286
19982	4	0	30	990	46	6	4	88	0	5	5	58	5	132
19983	2	0	57	1100	40	4	6	101	0	5	5	63	5	180
19984	4	0	31	980	48	4	4	75	0	5	5	53	20	106
19985	6	0	80	990	52	6	5	59	0	5	5	54	5	340
19986	4	0	95	1030	52	6	4	61	0	5	5	51	10	424
20769	3	0	16	1520	42	4	6	120	0	5	5	80	10	126

-150+53 micron stream sediment results

APPENDIX 5. Heavy Mineral Sample Results

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

CLIENT: KENNECOTT CANADA INC.
REPORT: V95-00938.0 (COMPLETE)

PROJECT: 05475
DATE PRINTED: 7-DEC-95 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ir PPB	Ag PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	As PPM	Sb PPM	Fe PCT	Se PPM	Te PPM	Ba PPM	Cr PPM	Sn PPM	W PPM	Cs PPM	La PPM	Ce PPM	Sm PPM	Eu PPM	Tb PPM	Yb PPM	Lu PPM	Sc PPM	Hf PPM	Ta PPM	Th PPM	U PPM	Na PCT	Br PPM	Rb PPM	Zr PPM
VR19-083		537	<100	<5	<200	<2	<20	17	<10	796	71.0	4.0	<10	<20	868	102	<200	6	4	212	487	58.0	3	2	<5	1.0	11.0	30	<1	36.0	8.0	<.05	5	133	980
VR19-430		586	<100	<5	<200	<2	27	18	<10	73	29.0	8.0	<10	<20	593	92	<200	90	3	78	192	23.0	<2	2	<5	1.0	13.0	32	6	24.0	6.0	1.00	2	73	982
VR19-556		710	<100	<5	<200	10	<20	19	<10	458	9.0	8.0	<10	<20	1793	108	<200	340	22	150	259	17.0	<2	1	<5	<.5	13.0	86	8	76.0	59.0	1.00	3	195	2687
VR19-586		2172	<100	<5	<200	<2	33	18	<10	135	30.0	9.0	<10	<20	626	72	373	261	3	75	186	21.0	<2	1	<5	1.0	12.0	21	5	18.0	5.0	<.05	1	80	610
VR19-587		198	<100	<5	<200	<2	66	104	<10	240	25.0	9.0	<10	<20	1400	84	<200	51	15	106	239	25.0	<2	2	<5	<.5	16.0	11	1	22.0	6.0	1.00	4	180	<500
VR19-588		60	<100	<5	<200	<2	43	20	<10	201	44.0	5.0	<10	<20	1000	94	<200	43	5	70	147	15.0	<2	1	<5	<.5	12.0	27	2	29.0	10.0	<.05	3	133	853
VR19-589		243	<100	<5	433	7	106	110	<10	1338	25.0	7.0	<10	<20	1074	92	<200	462	12	220	435	30.0	<2	2	<5	<.5	12.0	34	3	40.0	30.0	<.05	9	99	1153
VR19-591		129	<100	<5	245	9	94	57	<10	976	23.0	8.0	<10	<20	1745	60	<200	70	19	82	164	17.0	<2	1	<5	<.5	14.0	49	2	53.0	39.0	1.00	9	139	1591
VR19-592		165	<100	<5	250	4	78	46	<10	509	60.0	>10.0	<10	<20	2073	123	<200	231	21	91	186	20.0	<2	1	<5	<.5	18.0	37	3	32.0	18.0	1.00	6	203	1127
VR19-593		73	<100	<5	267	8	49	21	<10	39	11.0	>10.0	<10	<20	4129	102	<200	31	8	52	110	12.0	<2	1	<5	<.5	14.0	25	3	21.0	11.0	<.05	2	117	841

MAP NO: 116B/8

ASSESSMENT REPORT: X

DOCUMENT NO: 093368

PROSPECTUS:

MINING DISTRICT: Dawso

CONFIDENTIAL: X

TYPE OF WORK:Physical

OPEN FILE:

REPORT FILED UNDER: Kennecott Canada Inc.

DATE PERFORMED:July 12-13, 1995

DATE FILED:December 29, 1995

LATITUDE:64 18

AREA: Antimony Mountain

LONGITUDE:138 17

VALUE:$4500

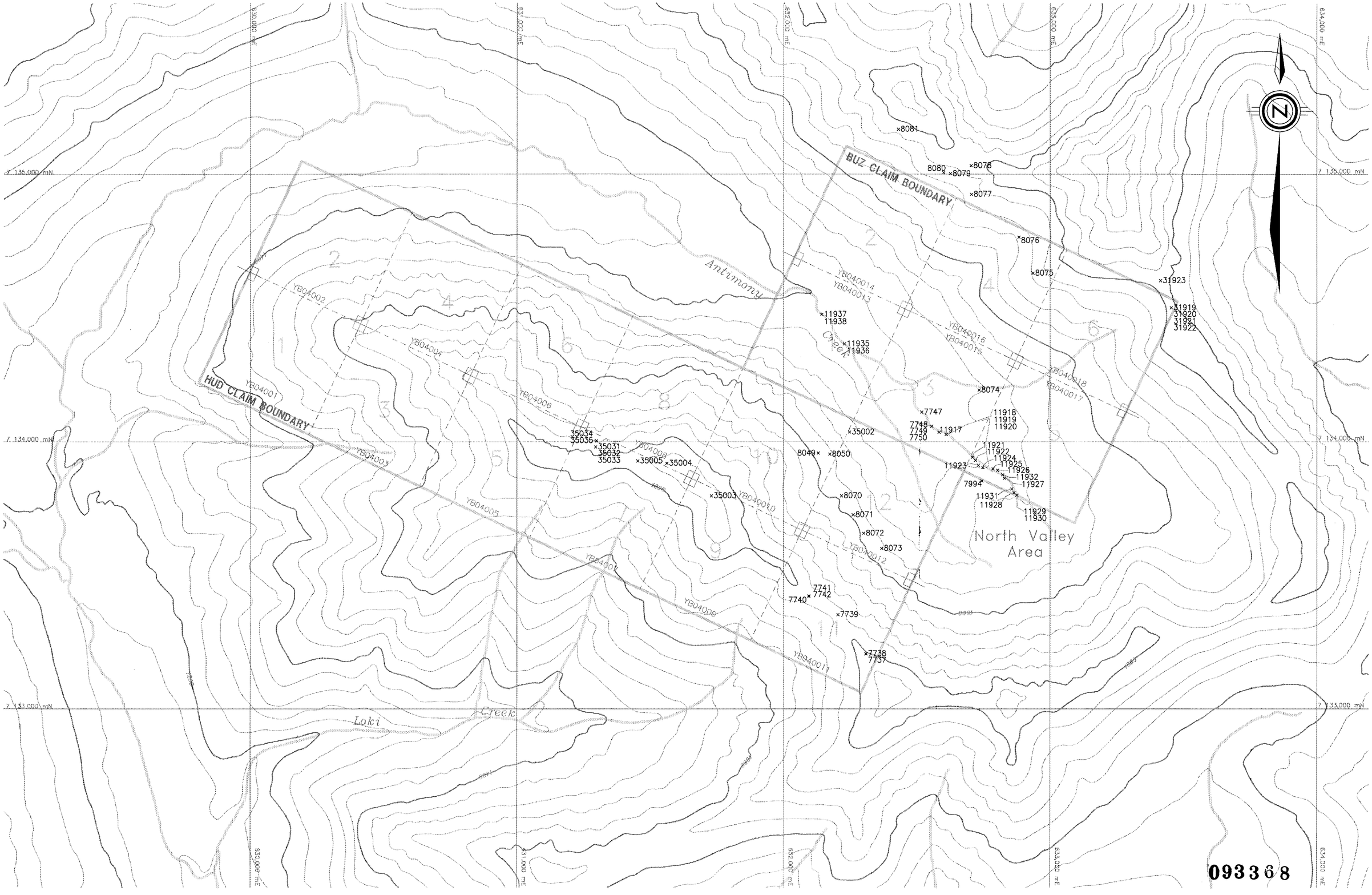
CLAIM NAME AND #: Buz 1-6, Hud 1-12

WORK DONE BY: Tom Heah

WORK DONE FOR:Kennecott Canada Inc.

Claims in Good Standing	

Remarks: Assays up to 0.83 g/T Au from quartz veins were collected on the property. Work indicated that the northern part of the Hud claims and the southern half of the Buz claims have a greater potential to host gold mineralization.



claim post location

×7739 rock sample location

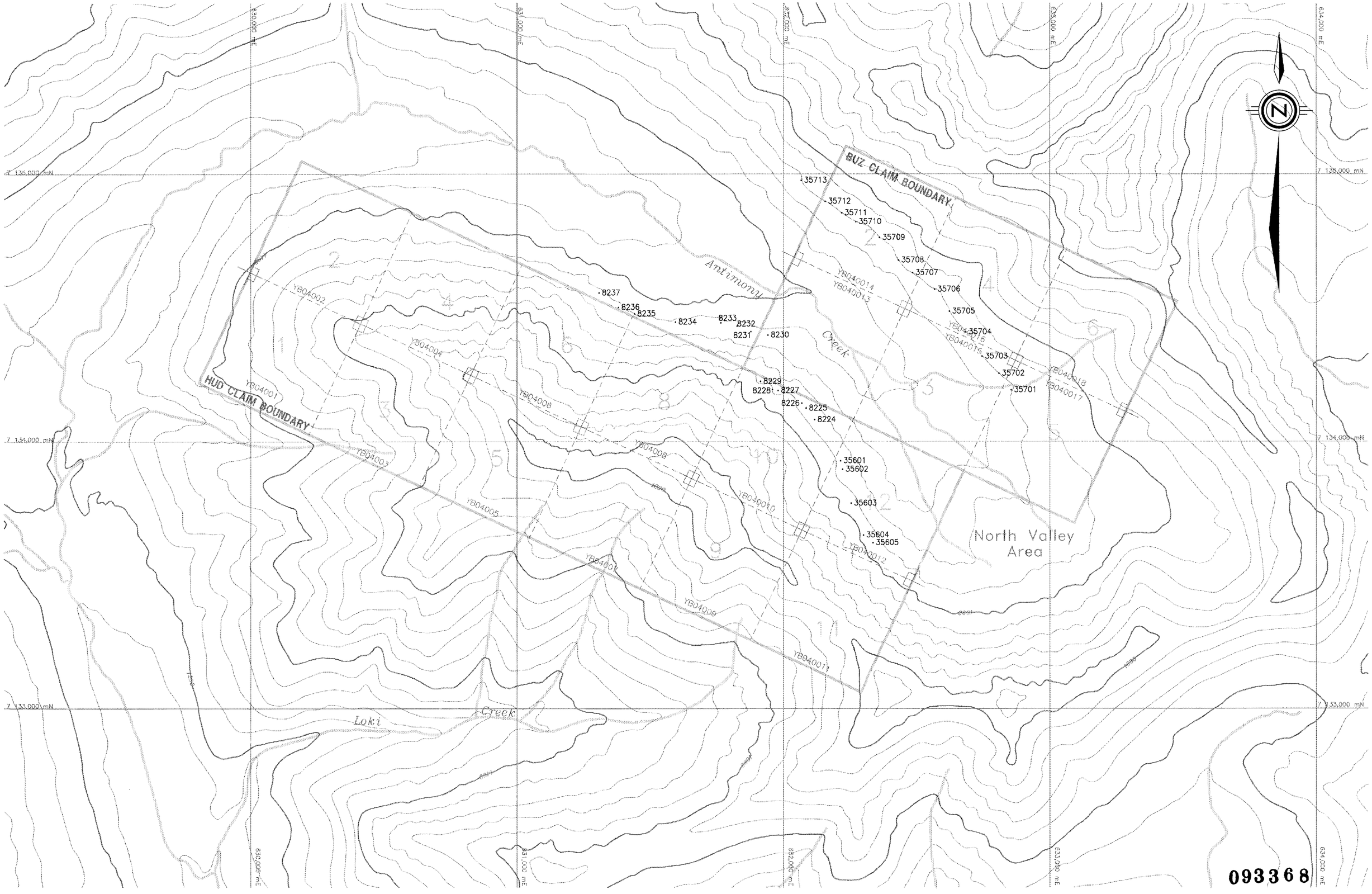
contour interval 40 metres

0 500 metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
ROCK SAMPLE LOCATIONS DWG (1)
YUKON, CANADA

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date:5/12/95	Author: TH	Figure 2
File: 5AMBZ10	Scale: 1:10,000	



093368

claim post location

·8073 soil sample location

contour interval 40 metres

0 500 metres

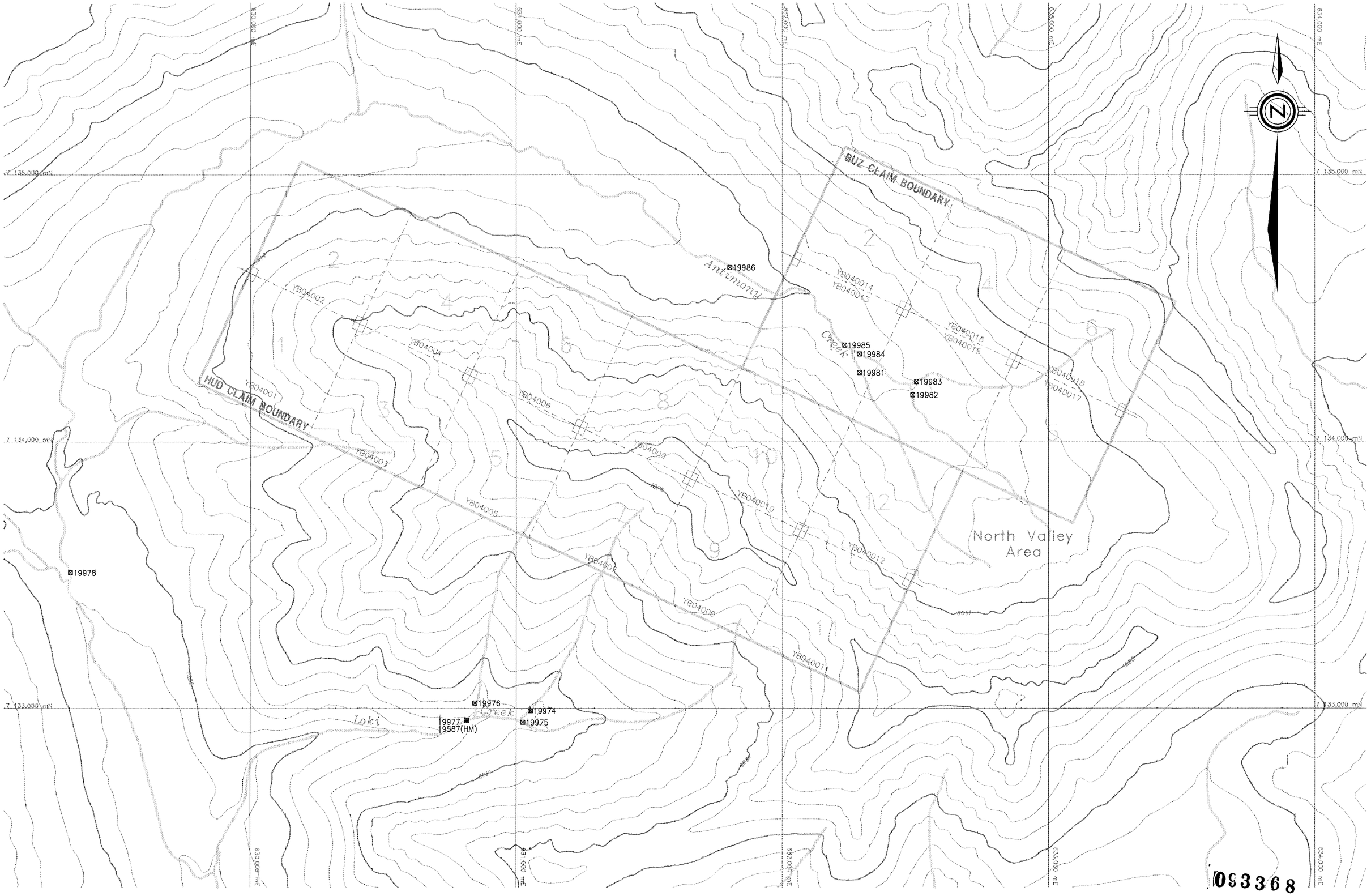
Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS

SOIL SAMPLE LOCATIONS DWG (2)

YUKON, CANADA

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date:5/12/95	Author: TH	Figure 3
File: 5AMBZ10	Scale: 1:10,000	



093368

claim post location

⊠19976 fine fraction draindge sample

⊞19587(HM) heavy miheral drainage sample

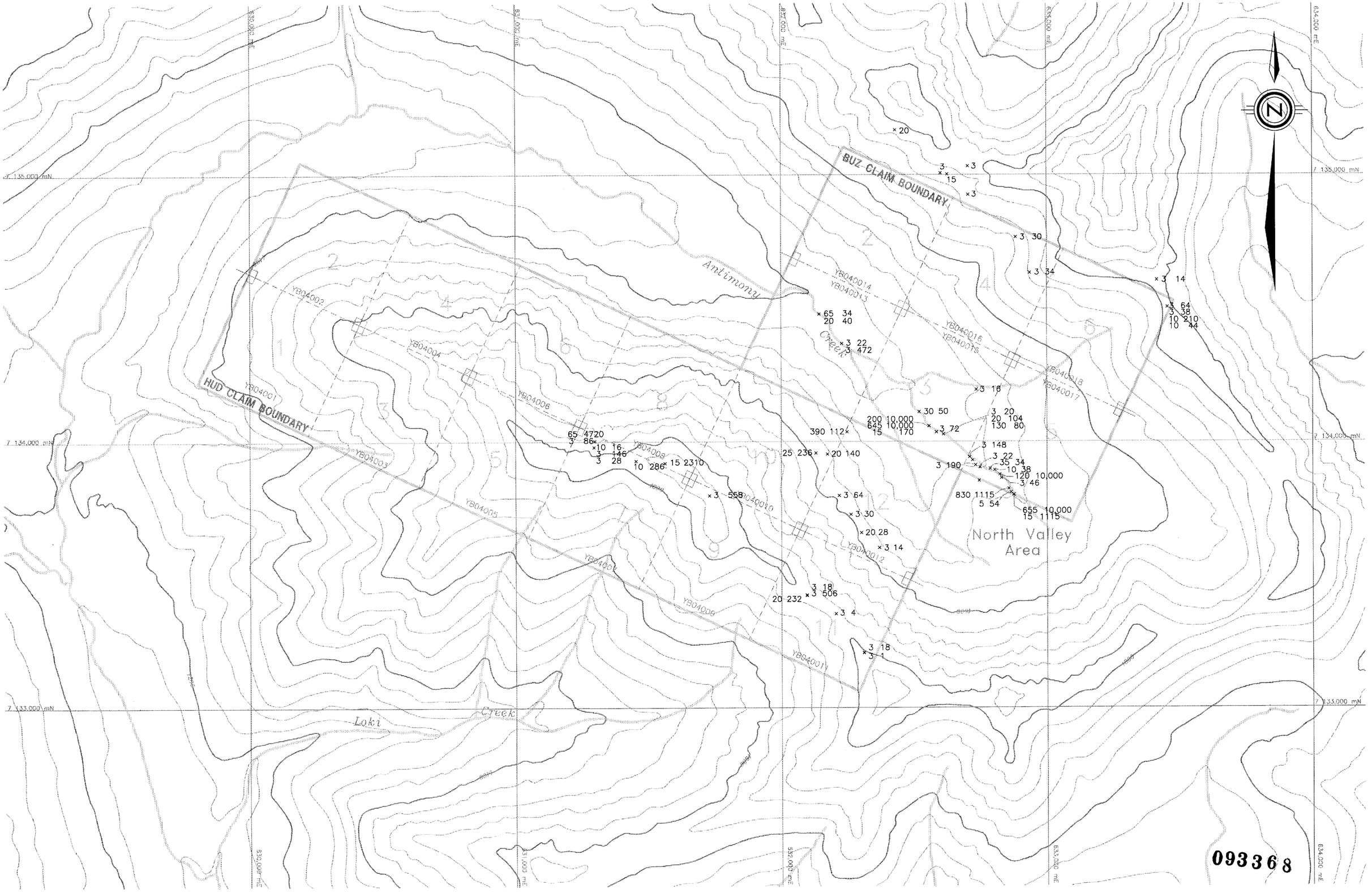
contour interval 40 metres

0 500 metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
STREAM SEDIMENT Dwg (3)
SAMPLE LOCATIONS
YUKON, CANADA

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date: 5/12/95	Author: TH	Figure 4
File: 5AMBZ10	Scale: 1:10,000	



claim post location

×130 80 gold (ppb) arsenic (ppm)

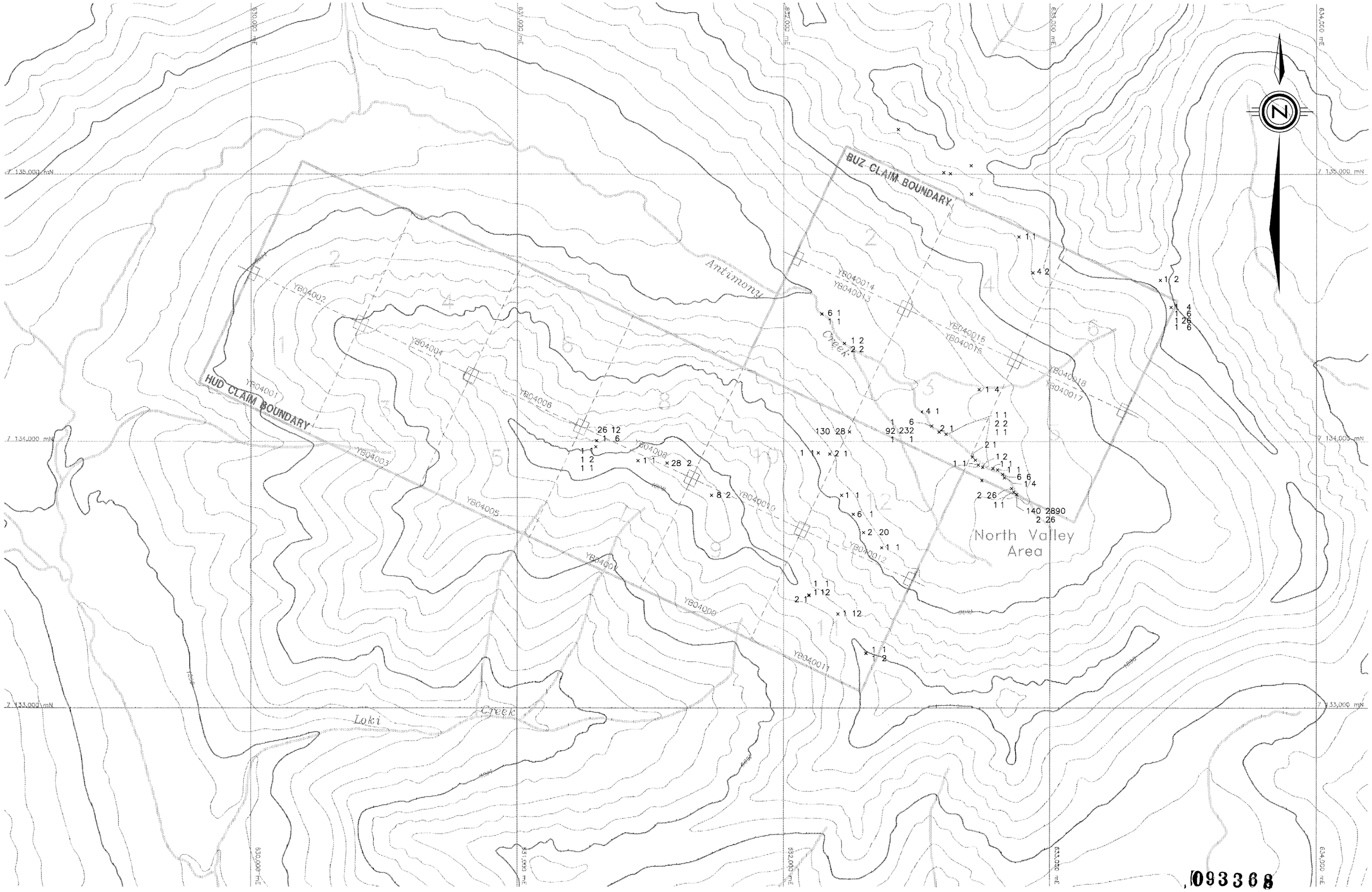
contour interval 40 metres

0 500 metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
GOLD AND ARSENIC IN ROCK SAMPLES DWG (4)
YUKON, CANADA

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date: 5/12/95	Author: TH	Figure 5
File: 5AMBZ10	Scale: 1:10,000	



claim post location

×1 6 bismuth (ppm) antimony (ppm)

contour interval 40 metres

0 500 metres

093368

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
BISMUTH AND ANTIMONY IN ROCK SAMPLES
YUKON, CANADA

Dwg (5)

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date: 5/12/95	Author: TH	Figure 6
File: 5AMBZ10	Scale: 1:10,000	

claim post location

·165 448 gold (ppb) arsenic (ppm)

contour interval 40 metres

0 500 metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
GOLD AND ARSENIC IN SOIL SAMPLES
YUKON, CANADA

Dwg (6)

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date: 5/12/95	Author: TH	Figure 7
File: 5AMBZ10	Scale: 1:10,000	

claim post location

·24 40 bismuth (ppm) antimony (ppm)

contour interval 40 metres

0 500
metres

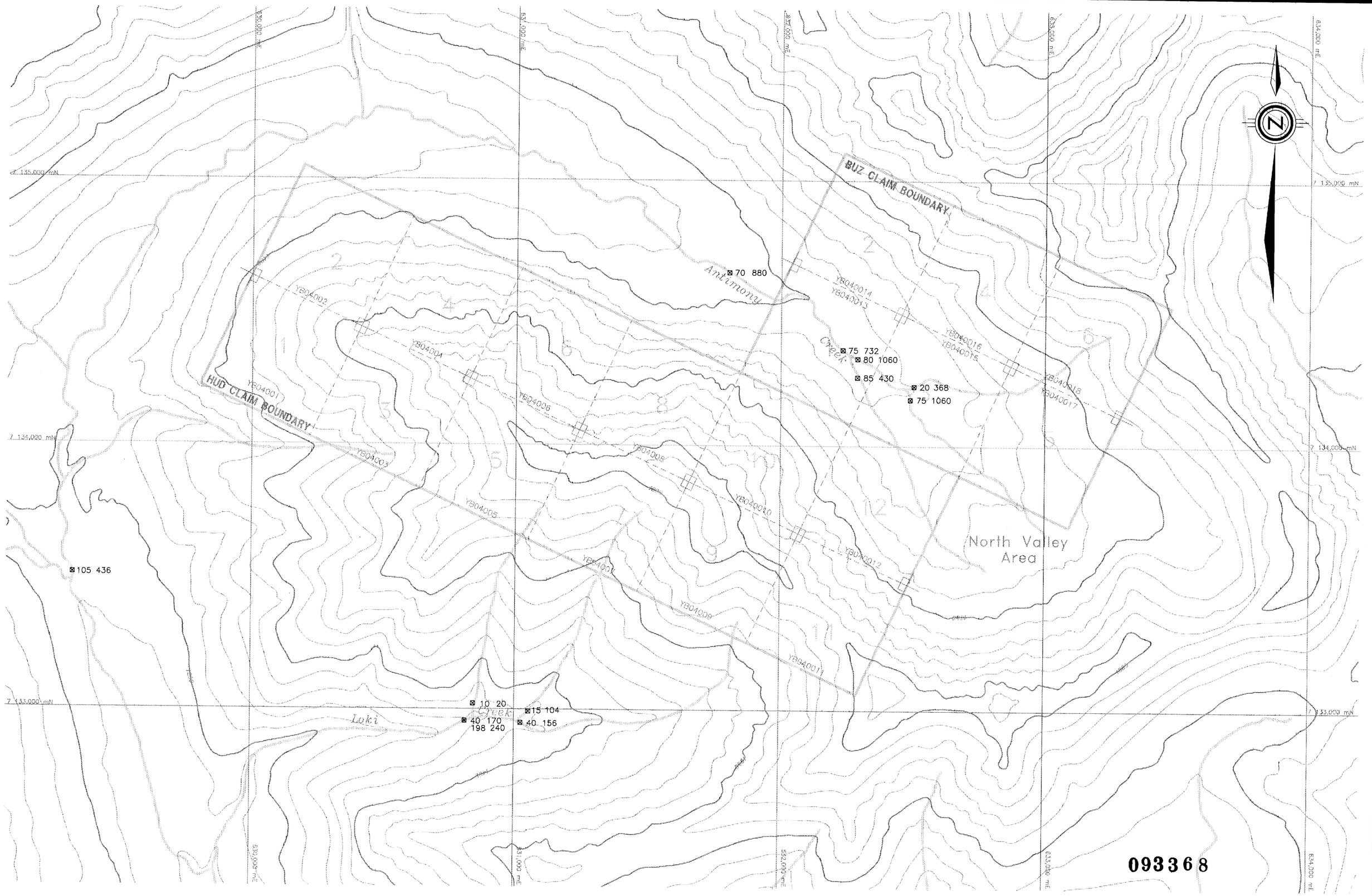
093368

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
BISMUTH AND ANTIMONY IN SOIL SAMPLES
YUKON, CANADA

Duty (7)

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date:5/12/95	Author: TH	Figure 8
File: 5AMBZ10	Scale: 1:10,000	



claim post location

⊠ 40 156 gold (ppb) arsenic (ppm)

⊞ 40 156 gold (ppb) arsenic (ppm)

contour interval 40 metres

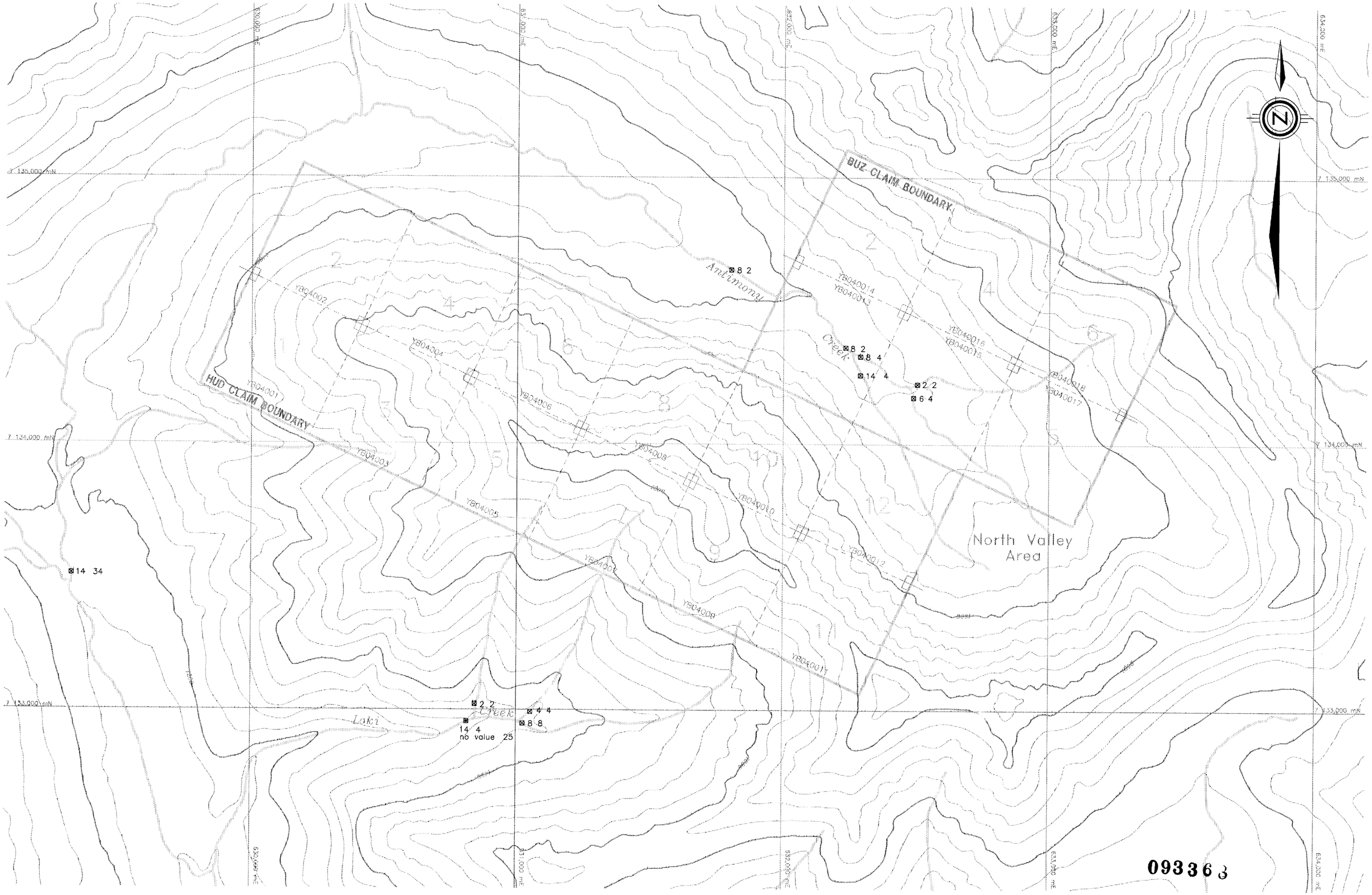
0 500 metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS
GOLD AND ARSENIC IN STREAM SEDIMENT SAMPLES
YUKON, CANADA

DWG (8)

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date: 5/12/95	Author: TH	Figure 9
File: 5AMBZ10	Scale: 1:10,000	



claim post location

40 156 bismuth (ppm) antimony (ppm)

40 156 bismuth (ppm) antimony (ppm)

contour interval 40 metres

0 500 metres

Kennecott Canada Inc.
Vancouver

BUZ AND HUD CLAIMS DWG (9)

BISMUTH AND ANTIMONY IN STREAM SEDIMENT SAMPLES

YUKON, CANADA

NTS: 116B/8	Projection: UTM	Drawn by: HO
Date: 5/12/95	Author: TH	Figure 10
File: 5AMBZ10	Scale: 1:10,000	