GEOLOGICAL, GEOCHEMICAL AND RECLAMATION

ASSESSMENT REPORT

ON THE

PAVEY PROPERTY

N.T.S.: 104M/15W

ATLIN MINING DIVISION

BRITISH COLUMBIA

By : G. Bidwell
Date : October, 1994

TABLE OF CONTENTS

APPENDICES

FIGURES

I. INTRODUCTION

The Ben, Willard, Pavey and Fin Properties (collectively known as the Pavey property) are the subject of an option agreement between Lodestar Explorations Inc. of Vancouver and Hemlo Gold Mines Inc. of Toronto whereby Hemlo can earn an interest in the property. Noranda Exploration Company, Limited is acting as operator on behalf of Hemlo.

This report describes work performed by Noranda Exploration during 1994 on the property.

1.1 Location and Access

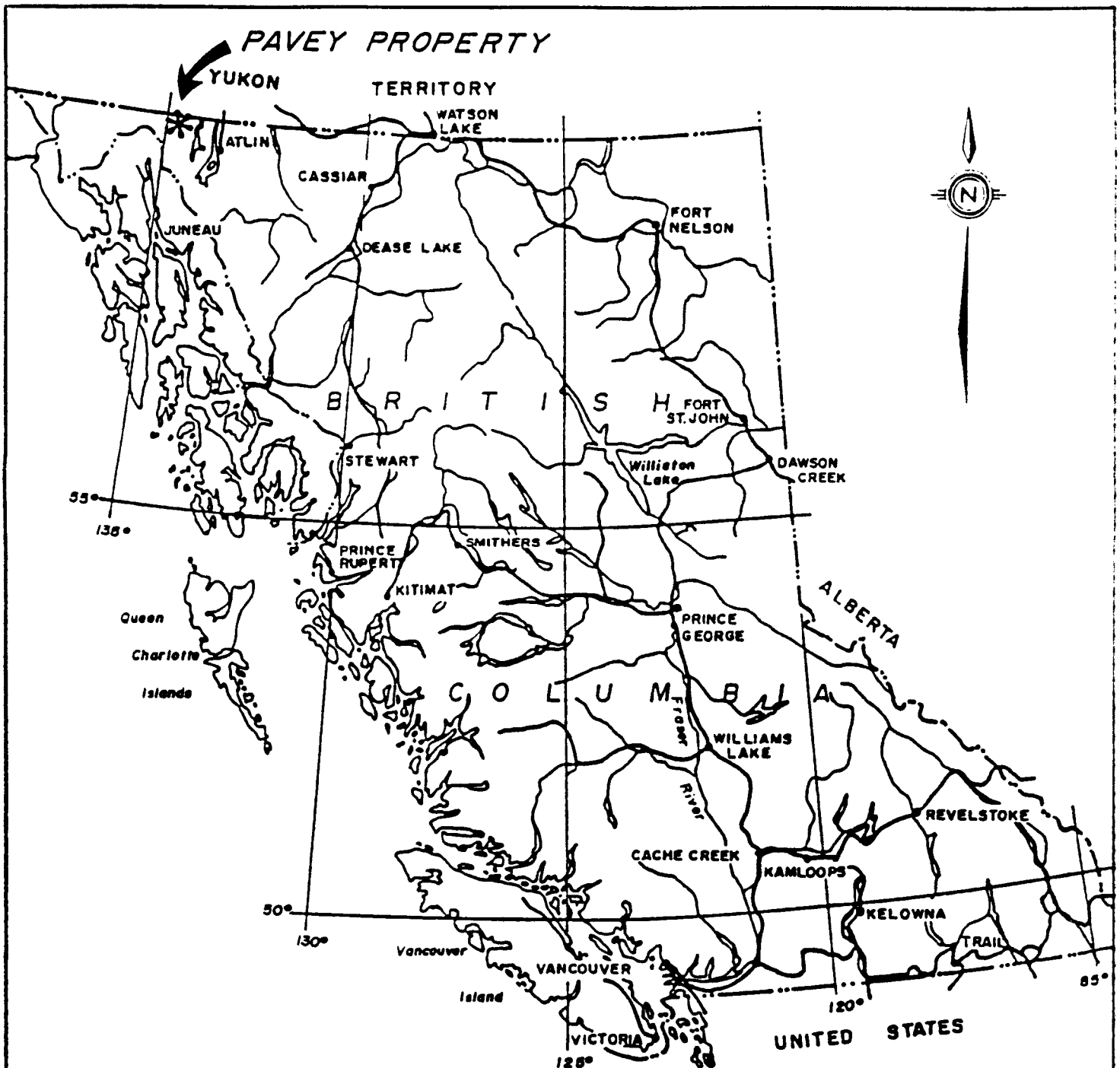
The property is located on N.T.S. Mapsheet 104M/15W at 59°55' North latitude and 134°53' West longitude within the Province of British Columbia. Bennett Lake forms the northwest border of the claims which extend to the Klondike Highway in the southeast. A 4.75 km four-wheel-drive road provides access from the Klondike Highway to the centre of the property. The port of Skagway is located 73 kilometers to the south. The community of Carcross is 28 kilometers to the north.

1.2 History

In 1983 Texaco Canada Limited staked the Ben 1-4 mineral claims and conducted a variety of surveys. The Pavey claims were staked by G. Harns and A. Davidson in 1988 and the LQ claim was staked by A. Davidson in 1987. In 1987 Lodestar Explorations Inc. optioned the Ben, Pavey and LQ claims and added the Willard claim in 1988 and conducted prospecting and trenching in 1989. Extensive work in 1990 included 694 metres of diamond drilling in 11 holes. Lodestar's work is described in a report dated November 2, 1990 by J.D. Blanchflower. Hemlo Gold acquired an option on the property in 1993 and undertook an initial evaluation of prospecting and geochem sampling. This work is described in a report dated December 1993 by J.L. Duke.

1.3 Property Description

The Pavey claims are mainly underlain by Nisling terrane rocks. The Llewellyn fault, a major dextral fault (boundary between the Nisling and the Stikinia terranes), is located on the east side of the property. The Nisling terrane rocks on the property include north-northwest trending pre-Permian clastic sediments (argillite, siltstone, wackes, etc.) lesser mafic to intermediate volcanics, felsic pyroclastics and carbonates that have been metamorphosed to green schist facies. The above sequence is intruded by felsic intrusives related to the Coast Crystalline Complex, hornblende-feldspar and augite porphyry dykes.



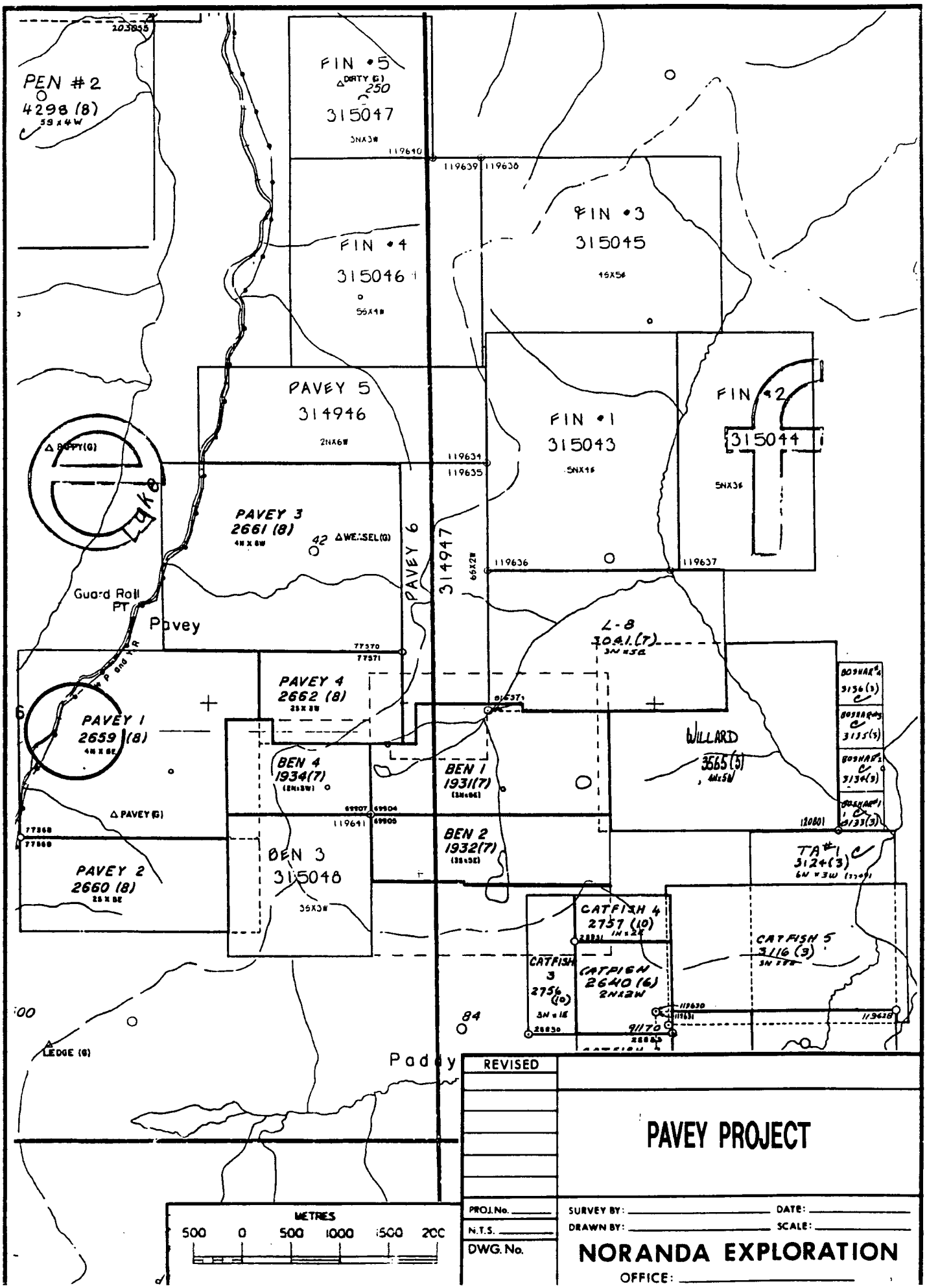
MINOREX CONSULTING LTD.
GEOLOGICAL CONSULTANTS, VANCOUVER, B.C.

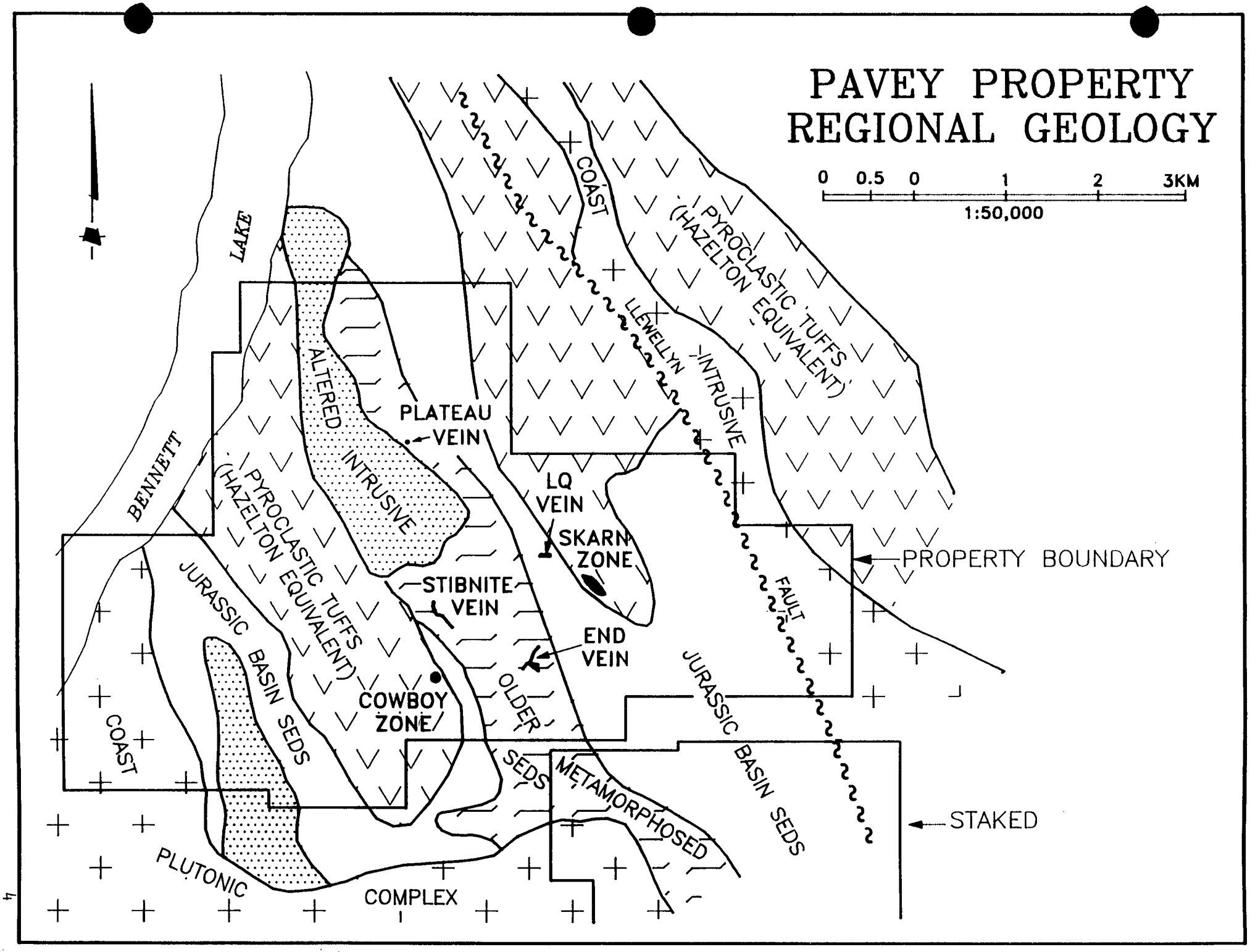
LODESTAR EXPLORATIONS INC.
VANCOUVER B.C.

LOCATION MAP

PAVEY PROPERTY
ATLIN MINING DIVISION
NTS 104 M/15

DATE: October 1990	SCALE: 1: 10,000,000
DWN BY:	DWG NO:


PEN #2
4298 (8)
59 x 4W
FIN #5
△DRTY (G)
250
315047
3NX3W
FIN #4
315046
56X4W
FIN #3
315045
4SX5W
PAVEY 5
314946
2NX6W
FIN #1
315043
5NX4W
FIN #2
315044
5NX3W
△ BOPPY (G)
PAVEY 3
2661 (8)
4W X 6W
42
△WESSEL (G)
PAVEY 6
314947
6SX2W
Guard Rail
PT
Pavey
PAVEY 4
2662 (8)
2SX 2W
L-8
3041 (7)
3N x 5E
PAVEY 1
2659 (8)
4W X 6E
BEN 4
1934 (7)
(2N x 3W)
BEN 1
1931 (7)
(3N x 0E)
WILLARD
3565 (5)
4W x 5W
△ PAVEY (G)
BEN 3
315048
3SX3W
BEN 2
1932 (7)
(3S x 3E)
PAVEY 2
2660 (8)
2S X 6E
CATFISH 4
2757 (10)
1N x 2E
CATFISH 5
3116 (3)
3N x 1E
CATFISH 3
2756 (10)
3N x 1E
CATFISH
2640 (6)
2N x 2W
TAIT
3124 (3)
6N x 3W
LEDGE (G)
Paddy
METRES
500 0 500 1000 1500 2000
REVISED
PAVEY PROJECT
PROJ. No.
N.T.S.
DWG. No.
SURVEY BY:
DRAWN BY:
DATE:
SCALE:
NORANDA EXPLORATION
OFFICE:


PAVEY PROPERTY
REGIONAL GEOLOGY
0 0.5 0 1 2 3KM
1:50,000
LAKE
BENNETT
COAST
PYROCLASTIC TUFFS (HAZELTON EQUIVALENT)
LLEWELLYN INTRUSIVE
ALTERED INTRUSIVE
PLATEAU VEIN
LQ VEIN
SKARN ZONE
STIBNITE VEIN
END VEIN
COWBOY ZONE
PROPERTY BOUNDARY
FAULT
JURASSIC BASIN SEDS
OLDER SEDS
METAMORPHOSED
STAKED
PLUTONIC COMPLEX

Work previously performed by Lodestar and others confirm the following precious and base metal mineral occurrences in the property:

1. Dilatant shear zones hosted quartz-sulphide veins.
2. Chalcopyrite-magnetite stringers in sheared and altered diorite.
3. Pyrrhotite-chalcopyrite-actinolite-quartz stockwork carrying visible gold hosted by augite phyric flows/sills.

II. 1994 WORK PROGRAM

The 1994 program consisted of an exploration phase which was carried out between July 9 to July 16 and a reclamation phase undertaken in August.

The two areas for further exploration were the Skarn and Plateau Zones. The present survey included recce geological mapping, prospecting, soil geochemical sampling and ground magnetic surveys. The 1993 grid around the main skarn showing was re-established and extended mainly to the northwest to cover the Plateau Zone.

The crew consisted of Gerald Bidwell, Senior Project Geologist; Tewolde Woldeabzghi, Contract Geologist; and Sasha Bidwell, Labourer.

During the survey a total of 118 soil and 22 rock samples were collected and analysed for Au (by AAS method) and multi-element (ICP analysis), at the Noranda Delta Lab. Surface geochem sampling was conducted in selected areas on the property. Samples consisted of talus fines in areas of moderate or steep topography or soil developed in glacial till in areas of subdued topography below the 5300 ft level. Samples were collected using a mattock from surface to 30 cm of depth. They were placed in kraft soil bags and shipped to Noranda's laboratory in Delta, British Columbia. Analysis for gold by Atomic Absorption and 27 other elements by I.C.P. was performed on the -80 mesh size fraction. Gold and arsenic results and sample locations are plotted on Figures 5 and 6. Lab reports and sample descriptions are in Appendix III. Prospecting rock samples also described in Appendix III with locations and gold-arsenic results plotted on Figure 4.

2.1 Skarn Zone

The geological setting at the Skarn Zone consists of moderately to steeply easterly dipping package of intermediate flows, tuffs and calcareous volcanic agglomerate cut by shallow westerly dipping hornblende-feldspar porphyry dyke. The gold mineralization at the skarn zone was described as intimately associated with actinolite-chlorite-quartz stockwork and veining. This pervasive alteration pattern extends for some 600 meters to the south and 100 meters west into the sediments. However no significant gold mineralization was encountered outside the main zone. The possible explanation for this discrepancy may be that the occurrence of gold with actinolite-quartz veining may be coincidental. The real players in the formation of the gold mineralization are most probably the calcareous volcanic agglomerate and the hornblende-feldspar porphyry dyke.

Three days of reconnaissance traverses on the ridges south of the skarn revealed the presence of ENE fracture systems and shear zones with auriferous quartz-bisthmusinite veins. Grab samples of quartz veins (maximum width of individual vein - 20 cm) from this area returned to 170 and 196 gpt Au and Ag respectively. These samples also indicated elevated Bi and Pb concentrations.

Another grab sample of weakly argillic altered diorite/granodiorite with bithmusinite impregnation returned 6.6 and 196 gpt Au and Ag respectively.

2.2 Plateau Zone

A reconnaissance soil grid was established on the Plateau Zone to cover the area underlain by altered intrusive, where a 1993 recce soil line indicated gold anomalies to 1500 ppb. Soil samples were collected over 200 meter-spaced lines at 50 meter centres.

The 1993 anomalies appear to be related to very local mineralization.

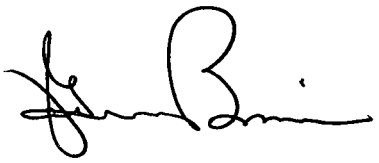
2.3 Reclamation

Reclamation of the remaining open trenches from the 1989-1990 programs was completed in August. The access road was also reclaimed by removal of berms and water-barring the road to prevent erosion. Access on the road was prohibited by a major ditch across the road near the Klondike Highway. A total of 44 hours of cat time was required. Re-stacking of the remaining drill core and fertilizing of the road was also undertaken. For details see report by Gordon MacKay in Appendix IV.

III. CONCLUSIONS AND RECOMMENDATIONS

In the Skarn Zone area the pervasive actinolite-chlorite alteration evident in the mafic flows and tuffs south of the showing is not associated with the gold mineralization. Work indicates the better gold values are associated with quartz-bismuthinite veins near or within small intrusive plugs or dykes/sills. The potential for bulk tonnage gold mineralization is considered to be negligible although smaller vein targets may still be a viable option.

In the Plateau area the anomalous gold values on a 1993 recce soil line could not be duplicated with a soil grid. The 1993 values appear to be related to local mineralization. However there is an indication of better gold soil numbers on the steep slope descending to Bennett Lake.



APPENDIX I

STATEMENT OF COSTS

NORANDA EXPLORATION COMPANY, LIMITED
STATEMENT OF COSTS

PROJECT: PAVEY DATE: JULY, 1994

TYPE OF REPORT: GEOCHEMICAL, GEOLOGICAL

a) Wages:

No. of Mandays :	22 Mandays	
Rate per Manday:	$227.27/manday	
Dates From :	July 9 to July 16, 1994	
Total Wages :	22 mandays x $227.27/manday	$5,000.00

b) Food & Accommodations:

No. of Mandays :	22 mandays	
Rate per Manday:	$86.36/manday	
Dates From :	July 9 to July 16, 1994	
Total Costs :	22 mandays x $86.36/manday	$1,900.00

c) Transportation:

No. of Mandays :	22 mandays	
Rate per Manday:	$77.27/manday	
Dates From :	July 9 to July 16, 1994	
Total Costs :	22 mandays x $77.27/manday	$1,700.00

d) Analysis: $2,910.00
(See attached schedule)

e) Cost of Preparation of Report: $1,300.00
Author : G. Bidwell
Computer: R. Fenton
Typing : M. Kondrup

TOTAL COST **$12,810.00**

f) Unit Costs for

No. of Mandays :	22 mandays	
No. of Units :	22 units	
Unit Costs :	$582.27/unit	
Total Cost :	22 units x $582.27	$12,810.00

NORANDA EXPLORATION COMPANY, LIMITED

DETAILS OF ANALYSIS COSTS

PROJECT: PAVEY

ELEMENT	NO. OF DETERMINATIONS	COST PER DETERMINATION	TOTAL COSTS
ICP + AU	118 Soils	$20.00	$2,360.00
ICP + AU	22 rocks	$25.00	$ 550.00
			$2,910.00

APPENDIX II

STATEMENT OF QUALIFICATIONS

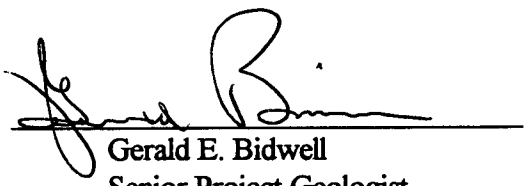
STATEMENT OF QUALIFICATIONS

I, Gerald E. Bidwell, of 5186 - 44th Avenue, Delta, British Columbia, do hereby certify that:

1) I am a Geologist with a Bachelor of Science degree from the University of Saskatchewan, presently employed by Noranda Exploration Company, Limited.

2) I am a Fellow of the Geological Association of Canada.

3) I supervised the work described in this report.



Gerald E. Bidwell
Senior Project Geologist

APPENDIX III

LABORATORY RESULTS AND SAMPLE DESCRIPTIONS

NORANDA DELTA LABORATORY

Geochemical Analysis

Project Name & No.: PAVEY – 45565 **Geol.:** T.W. **Date received:** JULY 18 **LAB CODE:** 9407–023

Material: 118 Soils & 22 Rx **Sheet:** 1 of 4 **Date completed:** JULY 21

Remarks: • Sample screened @ –35 MESH (0.5 mm)

¤ Organic, Δ Humus, S Sulfide

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
3	A – 025	25	0.2	5.04	157	556	0.7	5	0.31	0.2	61	13	15	49	3.63	1.54	26	21	0.70	955	1	0.04	16	0.12	19	31	0.15	84	101
4	50	30	0.2	5.60	105	843	0.9	5	0.38	0.2	73	23	12	51	4.46	1.90	30	20	0.72	1874	1	0.05	21	0.12	38	30	0.10	84	135
5	75	80	0.4	6.45	141	998	1.2	5	0.29	0.2	81	21	13	57	6.21	2.29	38	22	0.65	1804	1	0.05	28	0.13	62	31	0.09	99	185
6	100	65	0.2	6.91	125	1151	1.1	5	0.34	0.2	76	21	11	45	4.89	2.79	36	16	0.64	1446	1	0.05	27	0.13	35	30	0.05	93	126
7	125	40	0.2	5.94	137	1143	0.9	5	0.38	0.2	69	19	12	48	4.51	2.17	32	20	0.69	1344	1	0.05	22	0.11	33	35	0.08	94	115
8	150	45	0.2	5.96	220	1036	1.0	5	0.69	0.3	66	14	12	39	3.96	2.16	28	18	0.63	798	1	0.05	25	0.10	23	54	0.08	97	123
9	175	65	0.2	5.74	117	818	0.9	5	1.60	0.2	70	12	9	43	3.49	2.36	26	12	0.53	757	2	0.06	25	0.13	17	89	0.08	89	132
10	200	25	0.2	5.15	103	789	0.8	5	0.53	0.2	59	11	11	28	3.28	1.80	25	14	0.50	668	1	0.05	17	0.12	17	48	0.10	83	77
11	225	30	0.2	5.04	119	594	0.8	5	0.37	0.2	67	12	17	36	3.66	1.71	29	20	0.71	634	1	0.05	18	0.11	15	32	0.14	90	84
12	250	25	0.2	4.57	153	608	0.6	5	0.53	0.2	54	11	14	24	3.45	1.47	22	17	0.56	585	1	0.04	14	0.08	15	41	0.10	84	85
13	275	30	0.2	7.05	346	1187	1.1	5	0.82	1.2	66	13	8	35	3.92	2.65	27	10	0.49	837	2	0.05	23	0.14	40	84	0.06	95	178
14	300	40	0.2	5.81	528	1121	1.0	5	0.87	0.6	68	16	12	39	4.77	2.11	28	17	0.55	991	2	0.05	24	0.14	25	71	0.07	108	173
15	325	25	0.2	7.95	270	1384	1.6	5	0.59	0.3	91	20	12	63	6.76	3.37	43	12	0.52	782	5	0.07	48	0.18	39	117	0.07	142	183
16	350	35	0.2	6.65	86	1095	1.1	5	0.97	0.2	63	9	10	35	3.53	2.54	27	10	0.48	513	2	0.06	20	0.13	16	122	0.08	114	116
17	A – 375	25	0.2	6.29	103	950	1.0	5	0.41	0.2	63	12	12	33	3.73	2.22	27	13	0.51	743	3	0.05	20	0.12	16	63	0.11	120	110
18	9400E – 12700N	20	0.2	5.50	204	486	0.7	5	0.63	0.4	79	20	30	92	4.78	0.80	31	42	1.31	809	1	0.07	33	0.13	15	99	0.30	120	106
19	12900	20	0.2	4.34	175	331	0.5	5	0.40	0.2	62	11	27	46	3.84	0.65	26	28	0.90	554	1	0.12	20	0.15	19	53	0.26	96	90
20	13100	30	0.2	4.30	131	381	0.6	5	0.37	0.2	62	11	26	43	3.69	0.66	26	26	0.82	535	1	0.06	19	0.18	16	46	0.25	92	87
21	13300	20	0.2	3.29	136	304	0.6	5	0.35	0.2	49	7	21	26	3.02	0.45	20	15	0.41	487	2	0.03	11	0.21	24	49	0.19	73	62
22	13500	45	0.2	3.85	93	540	0.6	5	0.37	0.2	71	10	18	30	3.27	0.96	31	21	0.69	610	1	0.04	16	0.10	12	33	0.21	77	71
23	13625	35	0.2	4.83	131	472	0.7	5	0.25	0.2	57	10	14	33	3.34	1.39	25	20	0.70	597	1	0.04	16	0.11	17	22	0.15	79	86
24	13650	40	0.2	4.97	109	530	0.6	5	0.22	0.2	46	9	17	23	3.42	1.33	20	16	0.55	1174	1	0.04	12	0.16	22	32	0.15	87	85
25	13675	25	0.2	5.11	122	682	0.9	5	0.42	0.4	65	17	18	38	4.35	1.28	26	17	0.54	2983	2	0.05	15	0.25	45	39	0.14	88	143
26	13700	25	0.2	4.33	118	491	0.7	5	0.28	0.2	56	12	16	28	3.42	1.23	23	19	0.60	1039	1	0.04	14	0.14	27	28	0.15	78	96
27	13725	30	0.2	4.79	153	620	0.8	5	0.35	0.2	59	13	13	45	3.43	1.63	24	21	0.66	1061	1	0.04	16	0.12	24	37	0.13	78	94
28	9400E – 13750N	20	0.2	4.80	114	1022	0.8	5	1.07	0.2	74	14	15	45	3.72	1.47	26	20	0.63	1431	2	0.04	16	0.17	27	114	0.11	78	116
29	9700N – 9850E	150	4.0	4.76	112	156	0.5	59	1.44	1.1	63	84	75	1415	7.51	0.56	21	55	2.35	980	3	0.08	103	0.14	26	123	0.24	121	171
30	9875	95	3.6	4.42	196	195	0.5	9	1.06	0.5	60	40	77	380	5.46	0.58	19	35	2.03	802	1	0.07	78	0.16	10	72	0.26	123	120
31	9900	35	2.4	5.22	263	103	0.6	126	1.63	2.1	56	80	112	1567	7.97	0.66	17	120	1.94	1719	1	0.08	91	0.14	25	101	0.21	182	190
32	9950	35	0.2	4.47	152	109	0.6	79	1.36	0.8	55	50	55	1196	7.00	0.48	17	42	1.65	660	2	0.09	70	0.14	30	149	0.25	113	130
33	10050	15	0.2	5.14	122	161	0.9	14	0.35	0.7	47	23	26	130	4.09	0.44	18	33	0.80	1029	1	0.04	19	0.29	60	59	0.18	85	119
34	10100	15	0.2	4.30	91	180	0.7	11	0.88	0.2	72	24	22	210	4.58	0.44	26	28	0.70	778	2	0.05	23	0.13	26	150	0.19	84	108
35	10150	40	0.2	5.24	120	220	0.7	13	0.61	0.8	66	32	21	150	5.62	0.55	27	32	0.88	1008	3	0.07	26	0.19	26	141	0.19	90	297
36	9700N – 10200E	170	2.6	5.73	107	238	0.6	23	1.03	0.5	69	24	18	476	8.45	0.65	24	27	0.96	557	4	0.06	25	0.19	53	306	0.18	86	135
37	10000E – 9700N	35	0.2	5.17	476	234	0.7	8	0.62	1.7	74	34	57	239	5.42	0.92	29	79	1.21	965	1	0.05	52	0.13	20	86	0.20	122	224

22/07 Vans off

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
																													9407-023 Pg. 2 of 4
38	10000E-9750N	30	0.2	4.48	210	210	0.7	8	0.65	0.8	76	21	41	163	4.62	0.62	29	40	1.07	730	1	0.05	33	0.14	17	66	0.22	105	123
39	9775	15	0.2	4.77	145	217	0.7	11	0.61	0.8	69	27	40	187	4.52	0.61	25	44	1.08	814	1	0.07	33	0.16	24	69	0.21	103	168
40	9850 •	80	1.2	4.81	478	179	0.6	45	1.26	1.5	63	57	70	510	5.80	0.73	20	55	1.72	1253	1	0.10	65	0.16	24	84	0.23	139	150
41	10000E - 9950N	25	0.4	4.02	102	183	0.5	23	1.68	1.1	65	52	71	486	5.65	0.54	21	41	1.94	1299	1	0.09	63	0.13	12	98	0.30	145	139
42	12600N - 8400E	45	0.2	3.65	50	231	0.4	5	0.33	0.2	56	8	23	24	3.61	0.40	22	15	0.62	408	1	0.06	12	0.19	10	52	0.29	83	54
43	8450	25	0.2	3.79	134	338	0.6	5	0.56	0.7	63	22	21	28	4.28	0.46	22	22	0.94	3755	1	0.10	16	0.29	24	68	0.30	93	113
44	8500	15	0.2	4.38	54	339	0.7	5	0.47	0.2	69	15	22	26	4.61	0.54	28	23	1.24	1054	1	0.06	16	0.23	14	53	0.37	105	86
45	8550	10	0.2	4.54	88	394	0.8	5	0.51	0.2	76	13	22	37	3.81	0.56	29	28	0.96	678	1	0.07	19	0.17	14	68	0.27	89	85
46	8600	15	0.2	3.91	67	285	0.5	5	0.32	0.2	52	9	21	26	3.32	0.47	21	21	0.76	431	1	0.11	14	0.21	12	49	0.23	75	68
47	8650	10	0.2	4.08	103	297	0.7	5	0.42	0.2	59	11	22	29	3.36	0.48	23	23	0.76	534	1	0.08	17	0.22	15	59	0.23	79	75
48	8700	30	0.2	4.13	112	245	0.6	5	0.31	0.4	53	10	24	28	3.53	0.42	21	21	0.78	814	1	0.06	13	0.26	12	49	0.25	96	77
51	8750	10	0.2	6.14	379	579	0.8	5	0.53	0.2	79	19	39	62	4.93	0.80	33	57	1.53	978	2	0.07	38	0.17	19	133	0.25	113	105
52	8800	20	0.2	5.45	208	519	0.7	5	0.53	0.4	77	16	19	46	4.16	0.70	31	47	1.09	776	1	0.13	21	0.16	18	124	0.25	99	94
53	8850	5	0.2	2.65	74	185	0.3	5	0.27	0.2	36	5	19	19	2.15	0.28	15	15	0.37	264	2	0.16	10	0.23	8	47	0.15	53	46
54	8900	10	0.2	5.93	301	512	0.8	5	0.48	0.5	75	16	26	65	4.72	0.57	31	38	1.18	667	1	0.08	30	0.16	20	91	0.29	122	120
55	8950	20	0.2	3.86	215	279	0.5	5	0.36	0.3	56	7	28	30	3.17	0.38	22	22	0.69	379	2	0.05	15	0.23	8	49	0.26	92	62
56	9000	20	0.2	6.26	303	613	0.9	5	0.43	0.7	70	16	25	78	4.53	0.80	28	47	1.16	805	2	0.07	33	0.15	23	85	0.24	122	125
57	9050	15	0.2	4.42	201	411	0.6	5	0.60	0.5	67	13	24	49	3.86	0.63	27	32	1.11	614	1	0.16	24	0.17	14	71	0.27	104	104
58	9100	15	0.2	4.45	126	323	0.7	5	0.36	0.6	59	13	28	38	3.55	0.47	23	25	0.79	952	1	0.04	19	0.25	16	48	0.24	91	84
59	9150	10	0.2	4.77	69	437	0.6	5	0.74	0.7	69	15	27	59	3.49	0.56	26	32	1.22	569	1	0.07	28	0.16	21	75	0.30	100	97
60	9200	15	0.2	4.89	139	451	0.6	5	0.90	0.6	76	18	35	71	4.32	0.66	29	37	1.54	732	4	0.07	38	0.15	16	84	0.33	120	125
61	9250	15	0.2	5.48	183	400	0.7	5	0.70	0.6	71	18	32	82	4.63	0.67	27	38	1.44	698	1	0.06	34	0.14	18	66	0.34	129	110
62	9300	10	0.2	4.73	147	388	0.5	5	0.59	0.3	70	13	29	46	4.03	0.57	26	32	1.19	510	1	0.06	25	0.14	9	59	0.29	103	97
63	9350	10	0.2	4.82	80	166	0.5	5	0.22	0.2	44	4	25	27	2.47	0.30	18	15	0.47	252	1	0.06	9	0.24	5	32	0.20	65	40
64	12600N - 9400E	20	0.2	4.89	117	475	0.6	5	0.68	0.3	74	16	32	74	4.44	0.69	28	35	1.44	700	1	0.10	30	0.14	14	73	0.32	119	97
65	12800N - 8400E	30	0.2	4.03	108	514	0.6	5	0.60	0.2	77	11	18	24	4.15	0.55	29	23	0.61	1733	2	0.12	12	0.26	21	92	0.27	89	101
66	8450	20	0.2	5.28	83	394	0.9	5	0.38	0.2	79	12	21	28	3.50	0.62	30	27	0.87	618	1	0.05	17	0.20	11	46	0.24	80	80
67	8500	25	0.2	3.93	98	365	0.6	5	0.36	0.2	61	13	24	25	4.21	0.42	23	20	0.70	2149	3	0.04	13	0.26	22	68	0.28	99	86
68	8550	5	0.2	4.23	80	382	0.6	5	0.41	0.2	64	12	26	25	4.06	0.52	25	27	1.03	756	1	0.05	17	0.20	12	70	0.31	100	80
69	8600	10	0.2	3.70	45	273	0.5	5	0.33	0.2	57	5	23	19	2.17	0.33	22	15	0.39	231	1	0.05	9	0.23	13	57	0.24	65	42
70	8650	5	0.2	4.87	96	511	0.7	5	0.48	0.4	85	17	24	60	4.35	0.73	31	30	1.18	955	1	0.07	25	0.16	16	53	0.28	109	96
71	8700	5	0.2	3.94	49	308	0.6	5	0.41	0.4	56	11	24	29	3.85	0.44	22	20	0.79	716	2	0.05	15	0.21	7	52	0.30	101	70
72	8750	5	0.2	4.42	80	330	0.5	5	0.41	0.3	57	24	25	34	5.62	0.64	23	23	1.47	2342	1	0.06	21	0.25	16	40	0.47	133	112
73	8800	25	0.2	5.02	83	464	0.7	5	0.45	0.2	83	13	17	40	4.06	0.90	32	25	1.06	656	1	0.08	19	0.14	10	53	0.29	106	80
74	8850	5	0.2	4.59	68	345	0.7	5	0.34	0.2	65	10	16	25	3.46	0.74	26	19	0.69	535	1	0.05	13	0.22	11	38	0.24	82	74
75	8900 •	50	0.2	4.23	248	435	0.6	5	0.89	0.4	63	10	20	31	3.12	0.62	24	26	0.84	413	1	0.08	18	0.20	13	103	0.25	87	71
76	8950	5	0.2	3.07	141	292	0.4	5	0.42	0.3	57	6	17	16	2.82	0.52	22	14	0.53	364	1	0.11	10	0.23	9	50	0.25	77	58
77	9000	10	0.2	5.09	166	570	0.8	5	0.56	0.4	90	16	22	56	4.50	0.87	34	32	1.17	887	1	0.06	24	0.13	16	54	0.31	111	97
78	9050	5	0.2	4.29	416	412	0.5	5	0.37	0.2	58	15	29	40	4.63	0.55	21	28	0.90	1923	9	0.05	22	0.29	20	57	0.27	112	88
79	9100	5	0.2	4.29	98	434	0.6	5	0.37	0.2	67	10	23	27	3.81	0.64	25	27	0.82	638	1	0.05	16	0.21	16	50	0.28	95	76
80	9150 •	5	0.2	4.47	194	380	0.5	5	0.35	0.3	58	11	33	42	3.78	0.47	22	30	1.05	491	2	0.07	25	0.18	17	50	0.26	97	91
81	9200 •	5	0.4	3.30	54	240	0.5	5	0.26	0.2	45	5	21	22	1.94	0.36	18	15	0.32	203	1	0.10	9	0.21	16	45	0.18	56	38
82	9250	5	0.4	4.93	142	406	0.6	5	0.45	0.2	67	13	31	58	3.96	0.55	26	32	1.02	482	1	0.06	25	0.16	16	62	0.29	105	81
83	9300	15	0.2	4.67	131	321	0.6	5	0.38	0.5	61	14	32	48	4.24	0.59	24	28	1.06	778	1	0.04	24	0.16	15	44	0.30	105	94
84	12800N-9350E	10	0.2	4.61	225	421	0.5	5	0.73	0.3	70	17	33	45	4.51	0.46	26	36	1.43	938	2	0.07	33	0.14	14	69	0.30	111	105

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
85	12800N – 9400E •	15	0.2	4.49	141	440	0.5	5	0.55	0.4	59	13	32	42	3.91	0.43	22	31	1.04	547	3	0.05	28	0.17	15	67	0.25	94	84
86	13000N – 8700E	20	0.2	3.55	112	348	0.5	5	0.30	0.4	56	9	21	29	3.26	0.64	21	18	0.61	442	1	0.04	14	0.22	18	42	0.21	77	66
87	8750	25	0.2	3.95	176	386	0.4	5	0.52	0.3	57	7	17	22	3.08	1.12	21	15	0.49	860	2	0.12	11	0.20	12	67	0.19	81	85
88	8800	65	0.2	4.03	100	362	0.4	5	0.29	0.2	58	4	16	20	2.40	0.88	25	12	0.29	314	1	0.05	7	0.20	21	61	0.21	77	44
89	8850	80	0.2	4.05	321	410	0.4	5	0.60	0.2	63	9	18	22	3.40	0.99	23	17	0.61	665	2	0.04	12	0.19	16	67	0.21	92	68
90	8900	10	0.2	4.15	113	319	0.6	5	0.34	0.4	65	10	18	21	3.17	0.79	27	20	0.64	471	1	0.04	14	0.14	11	31	0.20	74	73
91	8950	75	0.2	4.21	119	418	0.6	5	0.42	0.2	69	11	20	31	3.64	0.72	27	24	0.75	680	1	0.07	16	0.16	20	46	0.27	90	78
92	9000	60	0.2	3.95	149	348	0.5	5	0.50	0.2	65	10	21	31	3.74	0.58	26	25	0.88	534	2	0.05	17	0.14	16	52	0.27	92	72
93	9050	10	0.2	3.96	158	364	0.6	5	0.47	0.2	72	11	23	34	3.56	0.57	27	25	0.82	491	1	0.05	18	0.13	15	49	0.25	85	72
94	9100	20	0.2	4.25	164	352	0.6	5	0.33	0.2	62	10	18	30	3.53	0.79	25	22	0.74	459	1	0.07	16	0.14	34	38	0.23	84	85
95	9150	20	0.2	3.93	134	332	0.5	5	0.30	0.2	57	8	19	23	3.40	0.72	24	18	0.60	462	1	0.04	13	0.17	26	43	0.23	81	72
96	9200	15	0.2	3.22	110	370	0.5	5	0.63	0.3	87	12	18	31	3.48	0.74	34	22	0.76	705	1	0.06	16	0.12	16	60	0.27	83	73
97	9250	15	0.2	5.33	144	597	0.8	5	0.59	0.2	74	18	27	75	4.51	0.94	28	35	1.26	633	2	0.07	31	0.12	21	76	0.29	117	115
98	9300	20	0.2	3.41	59	378	0.5	5	0.76	0.2	81	11	20	35	2.86	0.84	32	22	0.82	585	1	0.06	16	0.12	17	75	0.26	83	85
101	9350	10	0.2	3.70	162	315	0.6	5	0.50	0.2	57	11	23	25	3.88	0.42	23	22	0.66	1026	3	0.09	14	0.16	23	60	0.21	86	62
102	13000N – 9400E	5	0.2	4.43	132	376	0.6	5	0.41	0.4	65	13	28	49	3.93	0.55	26	27	0.90	642	1	0.05	21	0.18	18	48	0.26	95	90
103	13200N – 9000E	30	0.2	2.95	223	289	0.5	5	0.48	0.2	72	12	16	38	3.05	0.70	29	22	0.71	691	1	0.05	18	0.07	18	47	0.19	71	75
104	9050	10	0.2	3.51	182	273	0.4	5	0.19	0.5	42	11	17	25	3.25	0.71	18	15	0.47	926	3	0.03	13	0.18	40	32	0.15	73	96
105	9100	60	0.2	3.17	191	248	0.4	5	0.19	0.5	43	9	14	25	2.86	0.63	18	14	0.47	718	4	0.03	12	0.26	35	33	0.14	64	80
106	9150	25	0.2	3.59	359	224	0.5	5	0.27	0.5	52	7	18	29	2.94	0.48	22	18	0.55	436	2	0.03	15	0.16	31	39	0.18	73	79
107	9200	25	0.2	3.65	292	233	0.7	5	0.26	0.7	47	8	18	32	2.95	0.50	19	20	0.60	503	3	0.04	15	0.26	31	38	0.16	67	104
108	9250	15	0.2	4.18	558	201	0.7	5	0.39	0.5	68	12	17	44	3.29	0.46	27	24	0.78	463	3	0.04	21	0.10	25	59	0.20	79	86
109	9300	15	0.2	3.41	393	220	0.5	5	0.29	0.4	54	9	22	28	3.09	0.49	22	20	0.60	632	3	0.03	16	0.21	30	42	0.18	76	95
110	9350	20	1.0	3.62	110	213	0.4	5	0.21	0.2	49	5	22	19	2.36	0.42	20	15	0.42	196	2	0.09	11	0.20	28	32	0.15	58	55
111	13200N – 9400E	15	0.2	3.99	110	366	0.6	5	0.34	0.2	65	10	19	27	3.35	0.81	28	20	0.67	626	1	0.04	14	0.14	17	35	0.22	81	70
112	13400N – 9000E	370	0.2	3.90	286	425	0.6	5	0.37	0.3	60	12	17	32	3.78	1.09	25	30	0.82	863	1	0.04	21	0.10	23	50	0.20	86	124
113	9050	10	0.6	3.82	166	368	0.5	5	0.23	0.2	43	6	14	19	2.80	1.01	19	10	0.38	320	2	0.03	10	0.22	29	37	0.14	70	75
114	9100	15	0.2	3.15	159	292	0.5	5	0.23	0.2	45	7	15	19	2.72	0.63	19	17	0.45	447	1	0.03	11	0.18	26	30	0.15	60	74
115	9150	10	0.2	3.17	169	282	0.5	5	0.23	0.2	50	7	18	19	2.94	0.56	20	17	0.45	553	1	0.03	11	0.18	23	34	0.17	68	61
116	9200	10	0.2	3.39	179	232	0.4	5	0.58	0.5	51	14	38	46	4.08	0.39	17	34	1.29	451	1	0.06	33	0.09	16	44	0.28	109	67
117	9250	5	0.2	2.83	121	232	0.3	5	0.20	0.3	42	5	16	18	2.39	0.49	17	9	0.29	239	1	0.03	8	0.24	24	32	0.13	58	55
118	9300	10	0.2	3.01	199	266	0.4	5	0.30	0.2	56	8	18	18	3.42	0.63	22	17	0.69	426	2	0.03	11	0.11	23	39	0.24	88	72
119	9350	30	0.2	3.83	223	323	0.6	5	0.29	0.3	58	14	18	24	3.39	0.70	24	19	0.58	1369	3	0.04	13	0.22	37	37	0.20	79	72
120	13400N – 9400E	5	0.2	3.73	317	227	0.5	5	0.27	0.2	54	8	19	30	2.90	0.58	21	17	0.55	347	3	0.04	17	0.21	26	36	0.17	74	78
121	13600N – 9250E	10	0.2	4.62	93	927	0.9	5	1.24	0.5	84	21	24	44	4.97	1.48	31	22	0.78	1477	1	0.06	30	0.12	23	81	0.12	97	101
122	9300	140	0.6	7.01	129	897	1.0	5	0.57	0.8	82	35	14	42	5.62	2.00	32	45	1.01	2805	1	0.05	45	0.12	24	42	0.11	122	127
123	9350	20	0.2	4.45	148	643	0.7	5	0.46	0.4	66	12	16	29	3.44	1.21	27	22	0.74	732	1	0.05	18	0.10	26	41	0.17	80	84
124	13600N – 9400E	20	0.2	4.98	118	433	0.5	5	0.19	0.2	47	7	16	25	3.42	1.21	22	15	0.49	311	1	0.05	10	0.17	21	29	0.15	86	63
125	1863 – A	5	0.2	3.88	13	2475	0.7	6	2.55	0.6	87	11	40	15	2.83	1.81	21	8	0.33	776	1	0.08	10	0.09	11	127	0.04	61	55
126	B	5	0.2	4.26	6	93	0.5	7	4.47	0.7	88	13	13	126	2.63	0.44	19	27	1.09	590	1	0.51	9	0.18	6	254	0.21	86	61
127	C	5	0.2	7.95	3	150	0.5	8	4.40	1.1	87	25	26	202	5.06	1.12	17	33	1.91	520	1	0.45	32	0.15	4	529	0.48	164	59
128	D	250	0.2	4.89	8	22	0.3	9	5.33	0.5	76	19	36	183	1.83	0.16	13	10	0.44	534	1	0.69	43	0.11	5	296	0.33	56	31
129	E	5	0.2	3.70	11	48	0.3	11	3.58	0.9	78	19	13	72	4.19	0.38	13	23	1.65	764	1	0.34	10	0.12	4	203	0.38	138	69
130	F	5	2.4	4.76	107	129	0.8	15	9.80	3.6	56	89	669	851	8.43	1.12	13	235	3.06	1709	3	0.06	408	0.16	5	251	0.07	159	256
131	1863 – G	5	0.4	1.71	34	25	0.3	9	4.67	1.4	78	33	101	248	4.72	0.22	14	23	1.85	1052	3	0.14	141	0.08	94	87	0.22	80	140

T.T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
132	1863 – H	5	0.2	7.47	7	251	0.5	5	4.50	0.8	82	29	12	136	6.52	1.46	16	42	2.41	903	1	0.96	13	0.13	2	315	0.53	238	86
133	I	5	0.4	4.73	2	24	0.4	41	4.55	0.5	79	41	34	1158	6.68	0.21	14	19	1.36	726	1	0.38	30	0.14	7	215	0.37	164	78
134	J	5	0.2	2.74	8	83	0.2	14	2.39	0.8	62	15	60	234	2.94	0.58	11	15	1.55	499	1	0.27	23	0.08	2	128	0.24	77	62
135	K	6600	196.0	1.39	29	45	0.2	15000	1.09	16.5	30	16	446	515	1.40	0.49	4	65	0.28	333	49	0.01	24	0.08	6148	26	0.01	49	60
136	L	60	0.2	2.34	10	21	0.3	61	2.51	1.0	66	27	75	758	5.36	0.12	12	12	1.49	639	2	0.26	29	0.13	16	85	0.38	133	59
137	M	70000	9.6	0.09	4	3	0.2	22000	0.32	0.2	12	2	322	174	0.76	0.02	2	2	0.07	68	12	0.01	5	0.01	1613	2	0.01	7	7
138	N	240	0.2	3.99	2	147	0.5	45	1.70	0.8	104	23	24	416	5.40	0.74	34	26	1.39	635	2	0.26	15	0.20	7	96	0.59	146	67
139	O	7000	60.0	2.41	3	83	0.3	26000	0.50	1.3	30	5	114	250	2.34	0.76	10	15	0.62	170	4	0.11	4	0.06	2222	35	0.04	35	22
140	P	5	0.2	4.54	11	119	0.3	44	3.63	0.6	84	39	18	312	5.85	0.82	16	20	2.05	776	1	0.45	20	0.15	10	167	0.46	227	87
141	Q	5	0.2	4.48	14	121	0.3	21	3.98	0.3	88	29	34	221	6.94	0.94	19	26	3.12	918	1	0.50	28	0.14	3	151	0.76	230	119
142	R	5	0.2	2.32	174	145	0.7	16	2.84	1.5	72	27	688	34	2.93	0.29	15	34	1.81	778	1	0.09	299	0.16	59	95	0.21	51	127
143	S	5	0.4	5.22	737	15000	0.5	10	3.15	0.6	78	29	151	256	2.67	2.18	14	18	1.19	446	1	0.08	58	0.09	4	330	0.05	221	85
144	T	5	0.2	7.36	232	998	0.5	6	3.31	0.2	78	42	162	179	6.14	1.44	14	38	1.73	512	1	0.50	51	0.18	4	643	0.30	219	50
145	U	20	4.0	2.69	32	52	0.2	5	2.73	0.7	71	73	30	956	6.27	0.25	13	22	2.04	612	1	0.18	22	0.14	2	142	0.39	192	62
146	1863 – V	760	14.0	2.06	>10%	62	0.2	21	0.33	0.6	46	64	67	18	15.65	0.53	17	27	1.30	293	3	0.05	26	0.07	128	28	0.04	79	67

NORANDA DELTA LABORATORY
Geochemical Analysis

Project Name & No.: PAVEY – 45565 **Geol.:** T.W. Date **received:** JULY 28 LAB CODE: 9407–023R
Material: 1 Rock **Sheet:** 1 of 1 Date **completed:** JULY 29
Remarks: **Rerun** (PULP)

Au – 10.0 g sample digested with aqua–regia and determined by A.A. (D.L. 5 PPB)

ICP – 0.2 g sample digested with 3 ml $HClO_4/HNO_3$ (4:1) at 203 °C for 4 hours diluted to 10 ml with water. Leeman PS3000 ICP determined elemental contents.

N.B. The major oxide elements and Ba, Be, Ce, La, Li, Ga are rarely dissolved completely from geological materials with this acid dissolution method.

T. No.	SAMPLE No.	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sr ppm	Ti %	V ppm	Zn ppm
93	1863–K	6700	200.0	1.35	27	50	0.2	14000	1.02	15.8	31	13	448	491	1.36	0.48	3	62	0.27	318	40	0.01	23	0.07	5970	25	0.01	48	66

White - Office
Yellow - Field

1863

NORANDA EXPLORATION COMPANY, LIMITED

LAB ______ PROJECT NO. 565 PROPERTY PAVEY N.T.S. ______

CERT. NO. ______ GRID REFERENCE SKARN ZONE DATE July 13, 94

SAMPLE REPORT

SAMPLE #	DESCRIPTION	TYPE	WIDTH	ASSAYS			CO-ORDINATES		SAMPLER
						Au (ppb)			
A	Altered intrusive granodiorite? w mm fres ± S= wk argillic grab	Grab				5	PLATEAU	ZONE	
B	Hb-Fl porphyry, wk Silf w Po + Act-chl veinlets tr S=	Grab				5	|	9720E	10150N
C	Mafic flow augphyric, fractured, stock wk hyd alt Po imp	Grab		Rusty	Zone	5		9680E	10140N
D	Fractured mafic volcanic, Sil + Act-chl bloody Po 3-5%	Grab				250		9700E	10055N
E	Fracture/fault zone 045°/075S in mV w Carb + Aspy-chl-Aspy	"				5		9700E	100[illegible]
F	same as ankerite + Aspy	"				5		"	"
G	mafic volcanic w Silf-Actn-chl-bands	"				5		"	"
H	Altered mafic Vol Actn-chl-Po float in situ					5	0.2	9800E	9975N
I	Massive augite phyric flow w fn 5-7% Po diss + Epi Float	Talus				5	0.4	9835E	970[illegible]N
J	Qtz-actinolite-chl stockwork in Talus, moderate S= tr					5	0.2	9835E	9700N
K	Altered Intrusive qtz diorite-granodiorite, wk clay, Aspy?	grab				6600	196.0	10000E	9640N
L	Rusty massive mafic flow, augite-phyric + qtz strs					60	0.2	9815E	9440N
M	10-15 cm massive hem-qtz vein + specularite/sphal?	Grab				70000	9.6	9780E	9550N
N	Oxidized mafic vol w Po, in massive mafic flow	Chip	1.0			240	0.2	9760E	9440N
O	Fracture zone in qtz-[illegible] med-grained diorite	grab				7000	60.0	10090E	9720N
P	Fracture zone in mafic vol, silf-carb, Po Actn-Chl + sp sweats					5		9670E	9650N
Q	Mafic Volcanic flow - bin rusty zone - Po 5-7%					5		9670E	969[illegible]
R	hydrothermalized mafic Volcanic, banded Actn-chl hornfelsed					5		9680E	9860N
S	Quartz-carb veining in Trench waste dump + Barite	Grab				5		10450N	9975E
T	Altered mafic Volcanic, gossy 10-15% Po	Grab				5		10450N	9950E
U	Massive augite phyric mafic Vol epi-Actn-chl-Po	Grab				20	4.0	10450N	9850E
V	Fracture zone in Carbonaceous Vol Argillite w qtz-carb-S= Vein	Grab				760	14.0	10525N	9825E
W									

APPENDIX IV

REPORT ON RECLAMATION BY G. MACKAY

REPORT ON RECLAMATION
AT THE
PAVEY PROPERTY
NTS 104 M/14

NORANDA EXPLORATION COMPANY LIMITED

Gordon MacKay P. Geo.
MACKAY FALKINER AND ASSOCIATES

August 1994

REPORT ON RECLAMATION AT THE PAVEY PROPERTY
NORANDA EXPLORATION COMPANY LIMITED
NTS 104 M/14

August 1994

Introduction

The Pavey property is located in the Atlin Mining Division of northwestern British Columbia, NTS 104 M/14. The claims are located between Bennett and Tutshi Lakes. Elevation ranges from 656m to 2134m. Vegetation ranges from spruce forest to high alpine lichen and mosses.

Access into the central portion of the claim block was by four wheel drive accessible road off the Klondike Highway.

The claim block consists of the Pavey 1-6, Ben 1-4, Fin 1-5, Willard, and LQ mineral claims.

Road building, equipment trenching, and diamond drilling occurred in five main areas on the Pavey property, with access roads connecting the areas. The Plateau and LQ Zones were reclaimed in the past. This report covers the remaining reclamation in the Stibnite, Skarn, and Cowboy Zones as well as reclamation of the access road from the Klondike Highway.

Work on the property began on July 30th with reconnaissance and evaluation of reclamation requirements. A D-7 tractor was mobilized to the property on August 1st, completed work and was de-mobilized on August 8th.

Stibnite Zone

With the exception of one ten meter trench, reclamation in the Stibnite Zone was completed previous to this project.

Reclamation of the one remaining trench, improvement of drainage along the access road, and fertilization of the access road were carried out for this project.

Photo 1 Reclaimed trench in the Stibnite Zone.

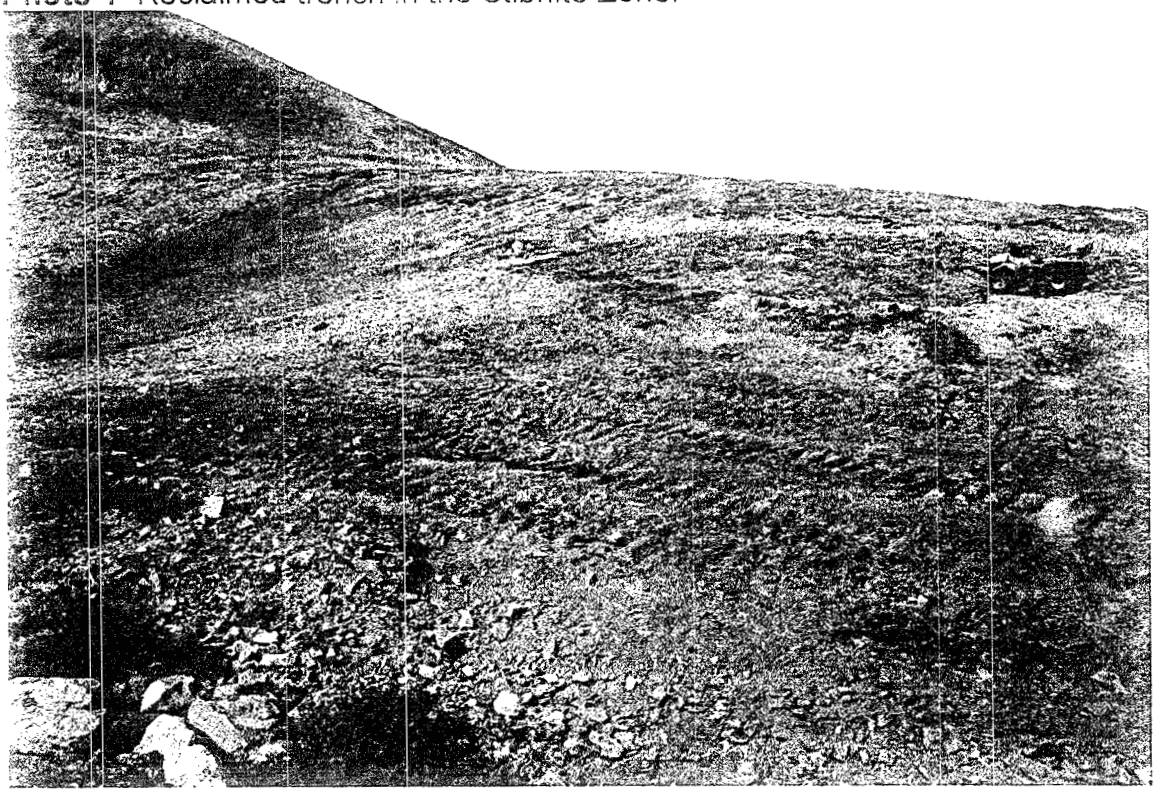


Photo 2 Natural revegetation along Stibnite Zone access road.

Skarn Zone

Three trenches, a water sump, a drill site, and access roads required reclamation in the Skarn Zone. Reclamation of the drill site was hampered by snow and ice. Reclamation of the northwestern-most trench may show significant settling due to ice and snow. Settling may also occur due to ice in the water sump.

Photo 3 Reclamation of Skarn Zone, southern trench.

Photo 4 Skarn Zone: Sump and middle trench, prior to reclamation.

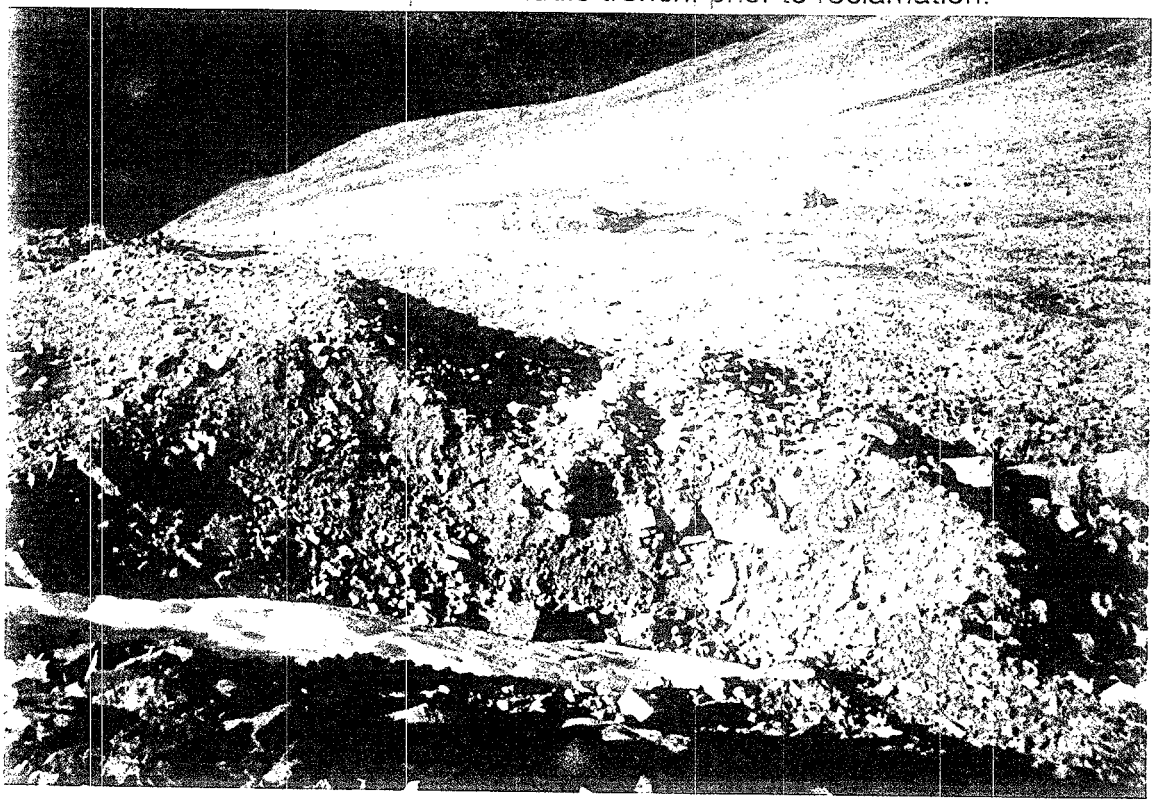


Photo 5 Skarn Zone: Sump and middle trench after reclamation.

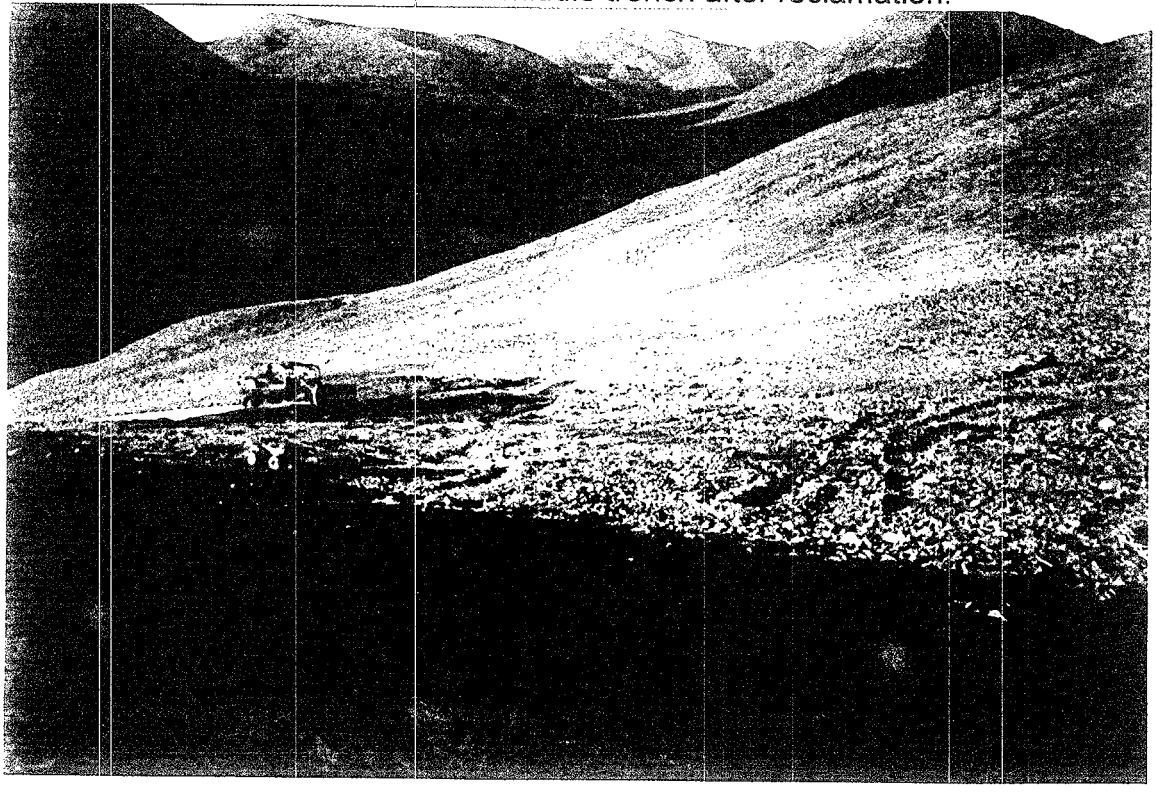


Photo 6 Skarn Zone: Northern trench prior to reclamation.

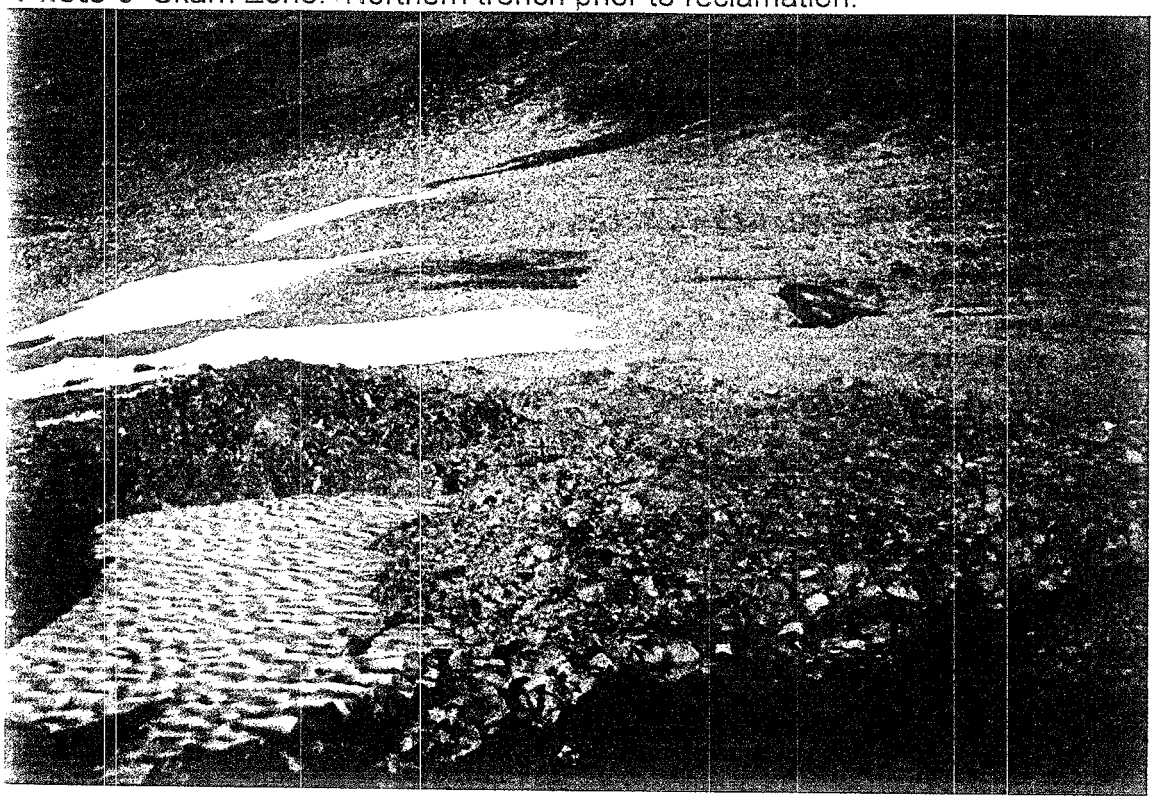
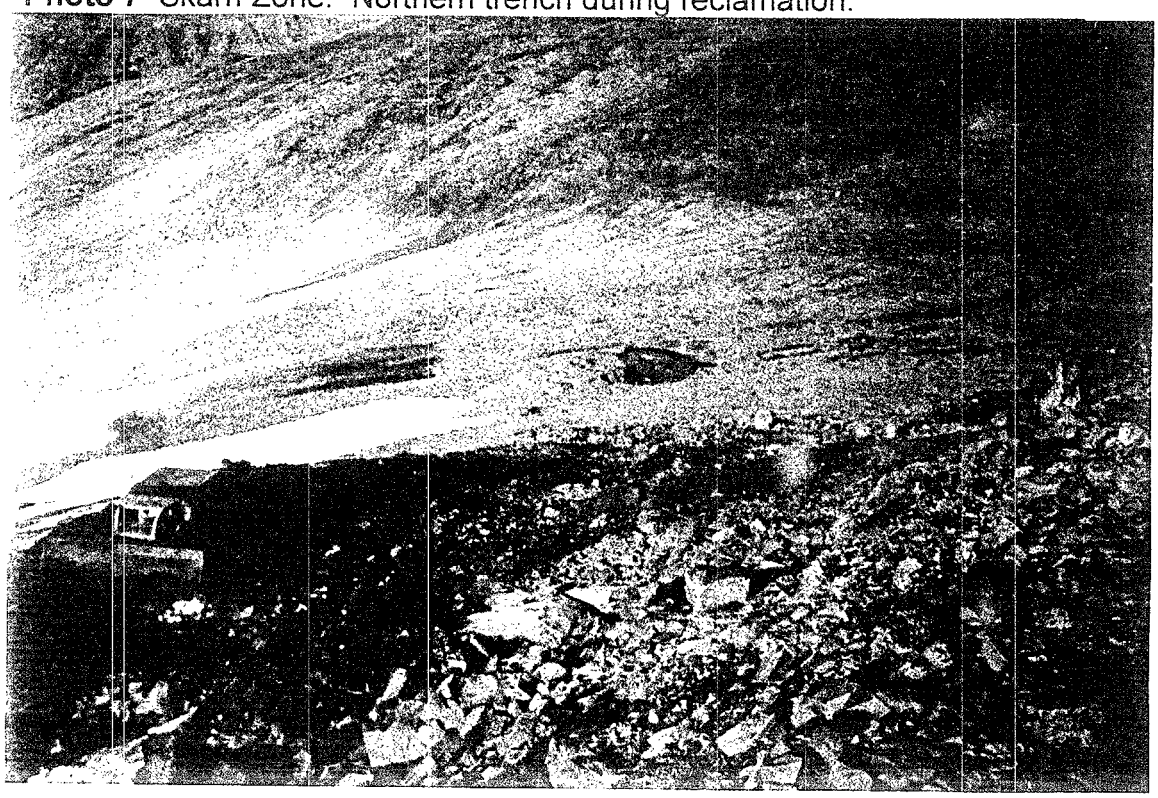


Photo 7 Skarn Zone: Northern trench during reclamation.



Cowboy Zone

Two trenches, three pits, two drill sites, three previously reclaimed trenches, and access roads required reclamation in the Cowboy Zone. The large trench on the east end of the Cowboy zone may settle due to ice and snow. Trenches previously reclaimed by excavator showed significant settling and were therefore recontoured.

Photo 8 Cowboy Zone: Western trench looking east.

Photo 9 Cowboy Zone: Western Trench looking west.

Photo 10 Cowboy Zone: Reclaimed pits and western trench. ATV is parked at the location of the drill collar located in photo 9.

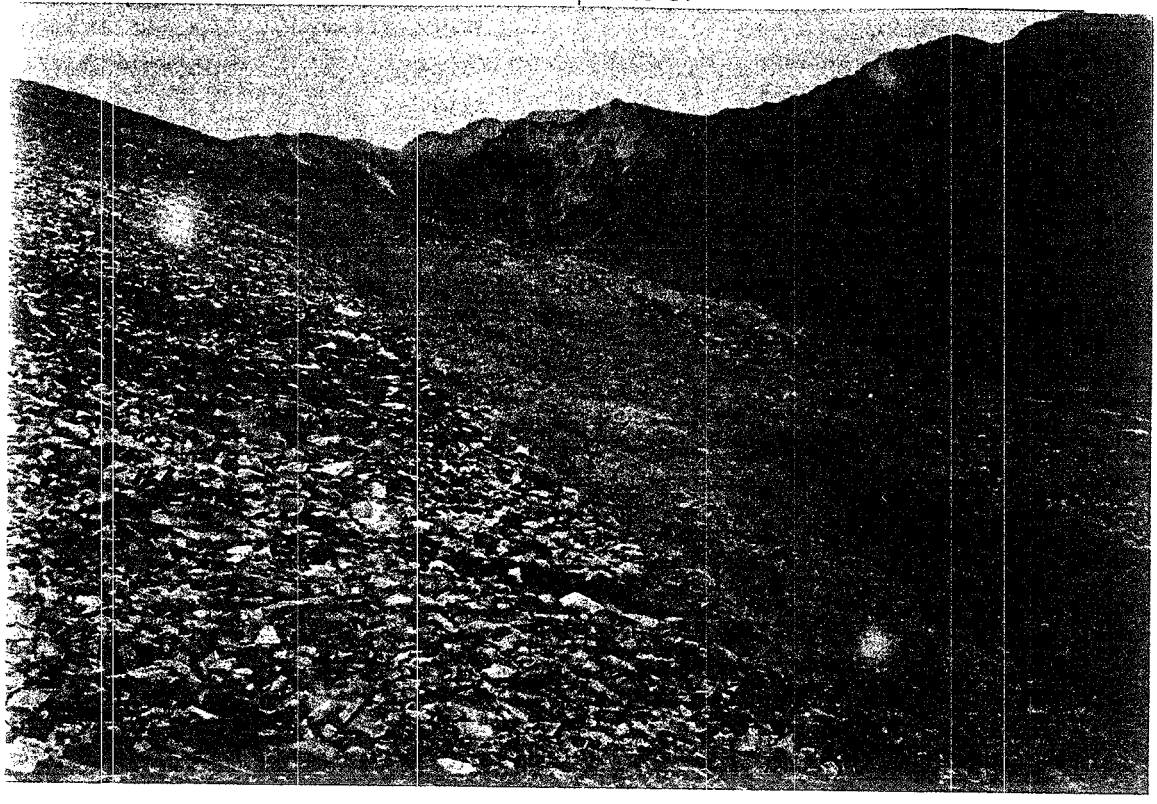


Photo 11 Cowboy Zone: Reclaimed access road.

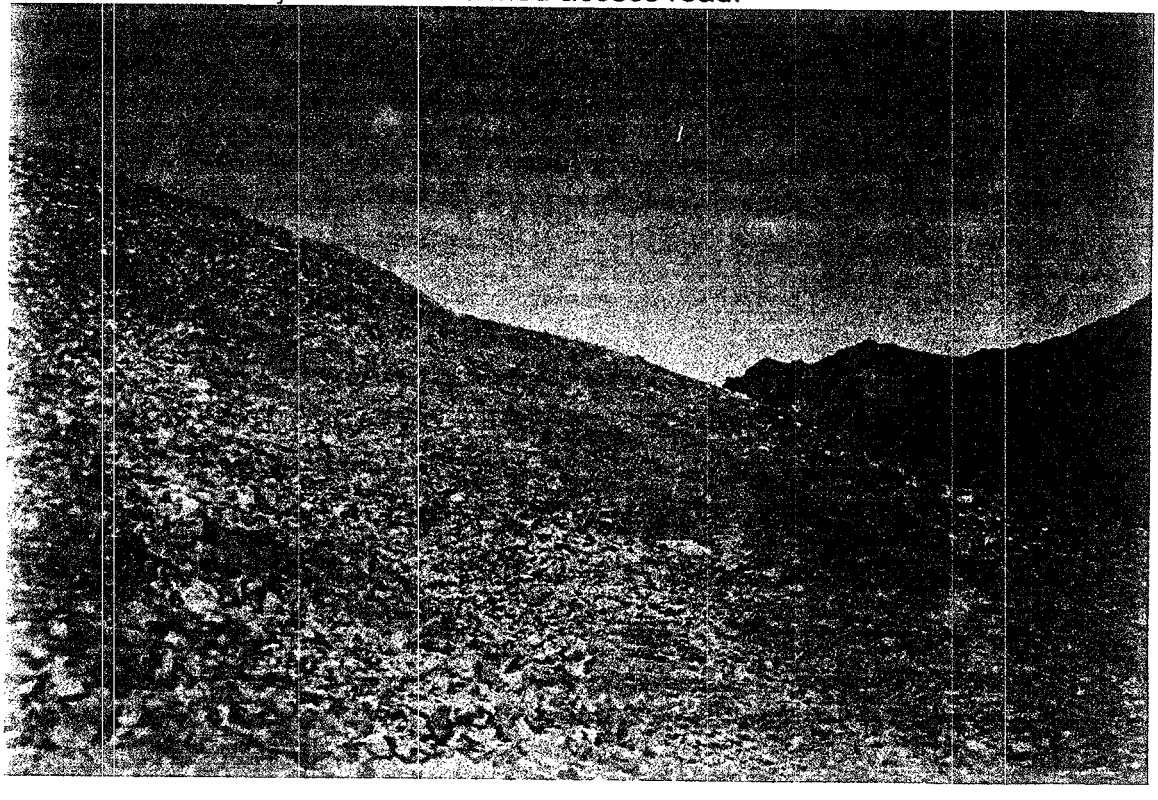


Photo 12 Cowboy Zone: East trench.

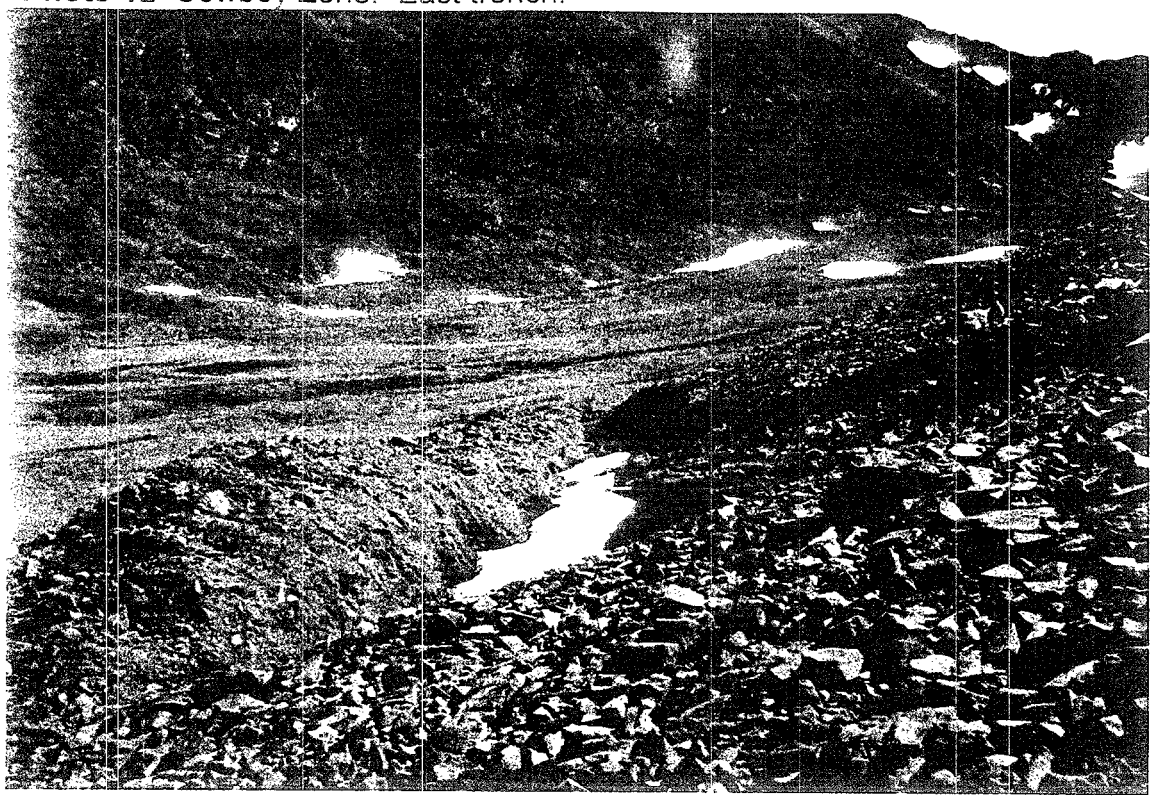
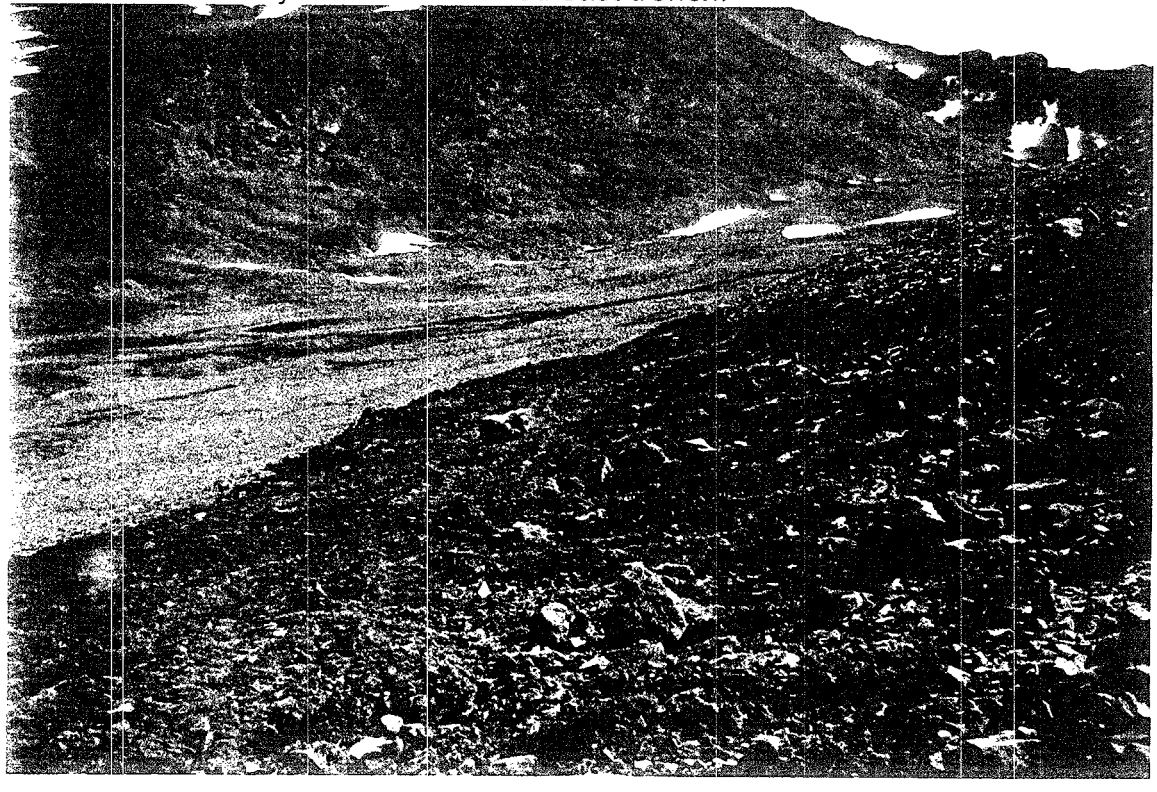


Photo 13 Cowboy Zone: Reclaimed east trench.



Access Road

Water bars were cut into the access roads to reduce erosion. Fertilizer was spread at a rate of approximately 100 kilograms per kilometer of road to assist natural revegetation. The main access road from the Klondike Highway was blocked by a crosscut two hundred meters up the road from the highway.

Photo 14 Access Road: Natural revegetation.

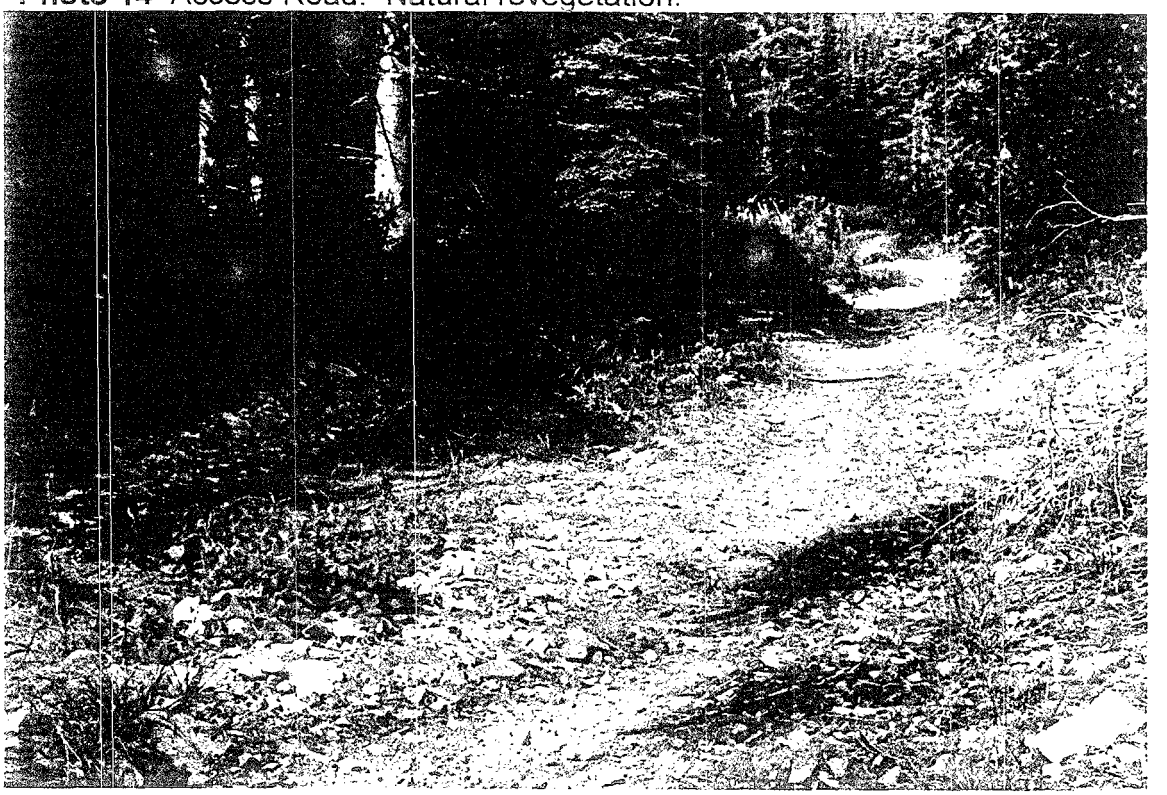


Photo 15 Access Road: Cut across main access road.

505500E 506000E 506500E 507000E 507500E 508000E 508500E 509000E 509500E

6644500N 6644000N 6643500N 6643000N 6642500N 6642000N 6641500N 6641000N 6640500N 6640000N 6639500N

"A" Line

L 9400 E

L 13600 N

L 13400 N

L 13200 N

L 13000 N

L 12800 N

L 12600 N

L 10000 E

L 12800 N

L 12400 N

L 11000 N

L 10800 N

L 10600 N

L 10450 N

L 10300 N

L 9700 N

L 8700 E

L 11400 N

L 11200 N

L 10775 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,550

Rock Sample Location

Regional Soil Location

Scale 1:5000

100 0 100 200 300
(meters)

PAVEY

Grid, Regional Geochemistry

Arsenic in ppm

Mapsheet : 104M15
Coordinates : UTM for Zone 08

Processed By : R.Fenton Date : July 26, 1994

NORANDA EXPLORATION COMPANY, LIMITED

Figure 5

505500E 506000E 506500E 507000E 507500E 508000E 508500E 509000E 509500E

6644500N 6644000N 6643500N 6643000N 6642500N 6642000N 6641500N 6641000N 6640500N 6640000N 6639500N

"A" Line

L 9400 E
L 13600 N
L 13400 N
L 13200 N
L 13000 N
L 12800 N
L 12600 N
L 12800 N
L 13000 N
L 12800 N
L 12600 N

L 10000 E
L 12800 N
L 12400 N
L 12400 N

L 11000 N
L 10800 N
L 10600 N
L 10450 N
L 10300 N
L 8700 E
L 11400 N
L 11200 N
L 11400 N
L 11200 N
L 11000 N
L 10775 N
L 10775 N
L 10800 N
L 10600 N
L 10450 N
L 10300 N
L 9700 N
L 10000 E
L 9700 N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,550

Rock Sample Location

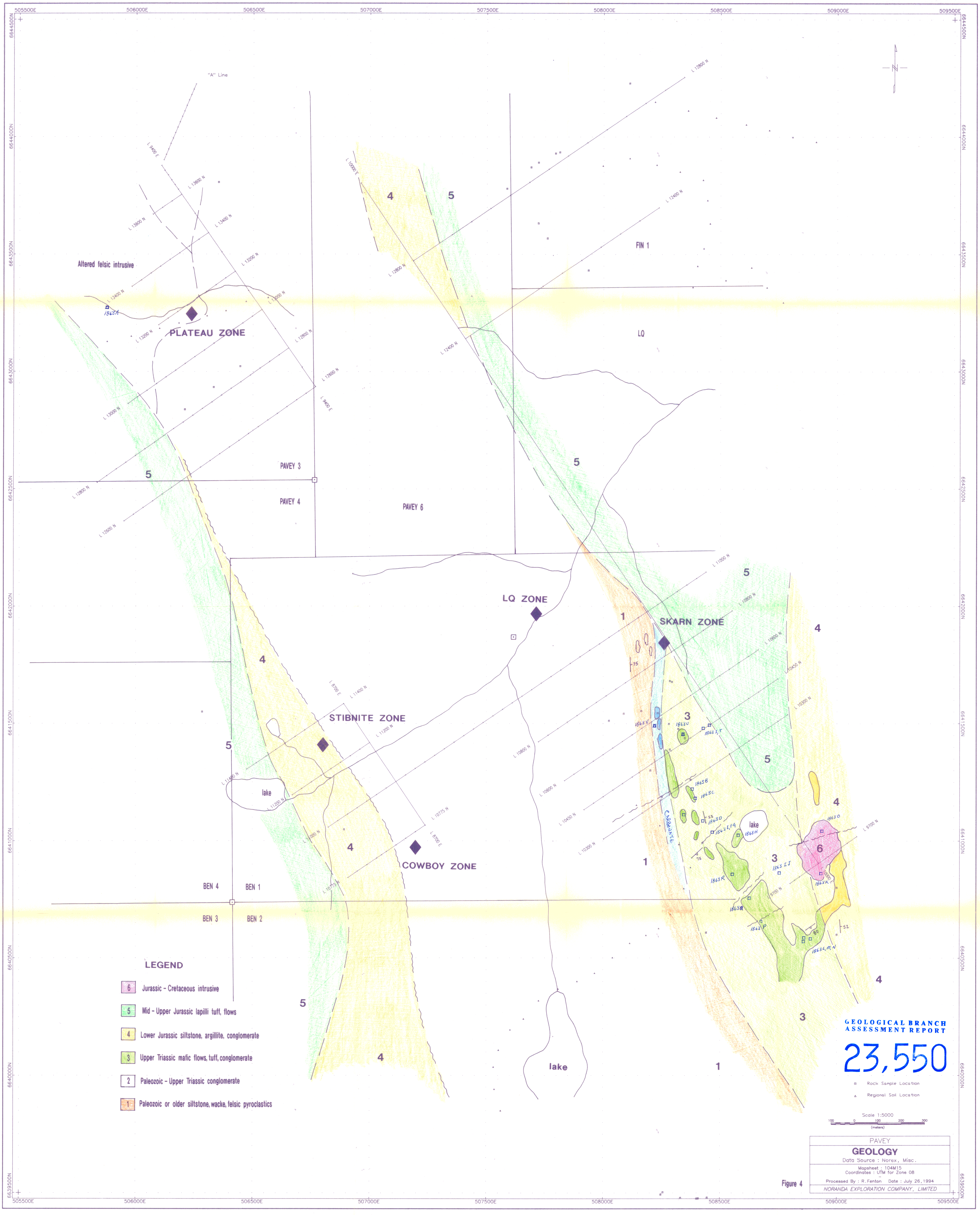
Regional Soil Location

Scale 1:5000

100 0 100 200 300
(meters)

PAVEY
Grid, Regional Geochemistry
Gold in ppb
Mapsheet : 104M15 Coordinates : UTM for Zone 08
Processed By : R.Fenton Date : July 26,1994
NORANDA EXPLORATION COMPANY, LIMITED

Figure 6



"A" Line
Altered felsic intrusive
1863A
PLATEAU ZONE
FIN 1
LQ
PAVEY 3
PAVEY 4
PAVEY 6
LQ ZONE
SKARN ZONE
STIBNITE ZONE
COWBOY ZONE
lake
CARBONATE
1863 V
1863U
1863 S,T
1863B
1863C
1863D
1863 E,F,G
1863H
1863 I,J
1863K
1863O
1863R
1863Q
1863 P
1863L,M,N
BEN 4
BEN 1
BEN 3
BEN 2
LEGEND
6 Jurassic - Cretaceous intrusive
5 Mid - Upper Jurassic lapilli tuff, flows
4 Lower Jurassic siltstone, argillite, conglomerate
3 Upper Triassic mafic flows, tuff, conglomerate
2 Paleozoic - Upper Triassic conglomerate
1 Paleozoic or older siltstone, wacke, felsic pyroclastics
GEOLOGICAL BRANCH
ASSESSMENT REPORT
23,550
Rock Sample Location
Regional Soil Location
Scale 1:5000
(meters)
PAVEY
GEOLOGY
Data Source : Norex, Misc.
Mapsheet : 104M15
Coordinates : UTM for Zone 08
Processed By : R.Fenton Date : July 26,1994
NORANDA EXPLORATION COMPANY, LIMITED

Figure 4