

optioned by Chevron

Spring 86 - returned

Spring? 88

I

J BILL (Silver Mile) Property

Examination Notes

Location: 62°05'N, 137°14'W. 115-I-3

Accessible to within 1 km by 4 wheel drive up Nansen Creek, except at times of high water.

Ownership: 100% Gordon Dickson, Box 4940, Whitehorse.  
J BILL 1 to 32

## Geology:

Trenching in the vicinity of Ag and Au bearing float has exposed a broad zone of sub-economic but significant surface Ag values. These are accompanied by intense shearing and clay alteration, the predominating orientation of shear appearing to average N20°W. It is thus likely that the property covers a splay of the major Nansen Creek fault whose main locus lies 900 m E. of the J BILL showing.

Very little true vein material has been exposed although it is present (as quartz) in nearby float. Rather, there are poddily silicified zones within the shearing, and these correlate with the better Ag assays.

The host rock is a rhyolite porphyry of either hypabyssal or flow origin. Unaltered andesites are present peripheral to the mineralized zone.

One kilometer or so W of the showing is the Rusk Cu porphyry prospect, on a silicified porphyry/andesite contact. 900 m SE of the showing, at the junction of Rusk and Nansen Creeks, Dickson reports quartz float (now disrupted by placer mining activity) which yielded an assay of 0.2 oz/ton Au. 700 m SSW of the showing Bianconi (1971 Survey) reported a stream sediment anomalous in Ag, Sb, Pb and Zn. This could however be a product of the Rusk Cu mineralization. Au was not analysed.

Previous examiners have produced poor assays (e.g. Archer-Cathro, measuring Ag geochemically) to encouraging results (Hudson Bay, full fire assays).

A selection of the Hudson Bay sample results is as follows:

<u>Trench N-1</u>	3.8 oz/t Ag over 2.0 m, continuous with 2.2 oz/t Ag over 2.5 m
<u>Trench S-1</u>	5.1 oz/t Ag over 2.0 m

<u>Trench S-2</u>	31.5 oz/t Ag over 0.5 m		
<u>Trench E-1</u>	2.4 oz/t Ag over 3.9 m,	continuous	with
	5.1 oz/t Ag over 1.8 m,	"	"
	2.0 oz/t Ag over 3.1 m,	"	"
	6.1 oz/t Ag over 1.6 m		
	Average of above		
	3.3 oz/t Ag over 10.4 m		
<u>Trench E-2</u>	8.1 oz/t Ag over 3.7 m		
<u>Trench E-5</u>	28.4 oz/t Ag over 1.0 m		

We have requested analyses by both geochemical and fire assay methods to help explain the discrepancy between the Archer-Cathro and Hudson Bay results, and have re-sampled only a portion of the fairly extensive trenching in order to confirm the tenor of prior sampling.

D. Arscott  
2 July '85

LOCATION: Shear zones in Tertiary rhyolite, Yukon.



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.  
North Vancouver, B.C.  
Canada V7J 2C1

Telephone: (604) 984-0221  
Telex: 043-52597

## CERTIFICATE OF ASSAY

TO : KERR ADDISON MINES LTD.  
(ATTN: RAY DUJARDIN)  
703 - 1112 W. PENDER ST.  
VANCOUVER, B.C.  
V6E 2S1

CERT. # : A8513165-001-A  
INVOICE # : I8513165  
DATE : 4-JUL-85  
P.O. # : NONE  
Y-02

CC: D. ARSCOTT

Translated from F.A.

9.75/29  
3.0m

Sample description	Prep code	Ag FA oz/T	Ag ppm	Ag ppm	Width (m)	AS ppm	Sb ppm	Au ppb FA+AA
JB-D01R	207	0.06	1.0	2.0	—	420	81.0	75
JB-D02R	207	0.08	1.1	2.7	3.0m	680	20.0	35
JB-D03R	207	0.38	10.0	12.9	5.5	1800	37.0	70
JB-D04R	207	9.22	12.1	31.3	2.6	2600	220.0	610
JB-D05R	207	0.54	18.5	18.4	4.5	4200	45.0	615
JB-D06R	207	0.18	4.1	6.1	10.8	2300	29.0	65
JB-D07R	207	7.22	20.0	245.5	—	1900	190.0	620
JB-D08R	207	0.28	9.7	9.5	5.7	1300	38.0	100
JB-D09R	207	0.24	6.0	8.1	3.6	920	31.0	35
JB-D10R	207	3.76	10.8	127.8	2.8	400	360.0	450
JB-D11R	207	30.06	9.5	1022.0	1.1	550	>1000.0	1790
JB-D12R	207	2.70	5.1	91.8	4.0	660	270.0	1350
JB-D13R	207	0.60	16.5	20.4	3.8	2100	36.0	150
JB-D14R	207	67.24	11.0	2286.2	—	9000	>1000.0	2990
JB-D15R	207	1.12	39.0	38.1	—	230	150.0	70
JB-D16R	207	0.36	9.7	12.2	—	120	35.0	15
JB-D17R	207	0.76	27.0	25.8	4.0	4200	78.0	150
JB-D18R	207	1.84	42.0	62.6	.15	>10000	220.0	420
JB-D20R	207	51.68	>100.0	—	.12	7600	>1000.0	2550
JB-D21R	207	1.64	52.0	55.8	4.6	4600	130.0	480
JB-D22R	207	0.86	30.0	29.2	4.0	3600	57.0	110

### NOTE:

Reference to sample descriptions shows that the discrepancies in the 2 sets of Ag results are a function of content, not of sample lithology or degree of oxidation. The conclusions are:

- ① Geochemistry for Ag > 10 ppm is unreliable — due to high Sb
- ② More than a few values in a set which exceed this figure should prompt re-run by fire assay.

Registered Assayer, Province of British Columbia





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## CERTIFICATE OF ANALYSIS

TO : KERR ADDISON MINES LTD.  
(ATTN: RAY DUJARDIN)  
703 - 1112 W. PENDER ST.  
VANCOUVER, B.C.  
V6E 2S1

*Keradame ✓ Inc.*  
*50 Freeport Blvd.*  
*#20 Sparks, Nevada*  
*89431*

CERT. # : A8513165-001-A  
INVOICE # : 18513165  
DATE : 12-JUL-85  
P.O. # : NONE  
Y-02

✓ EC: D. ARSCOTT

Sample description	Prep code	Ag ppm	As ppm	Sb ppm	Au ppb FA+AA		
JB-D01R	207	1.0	420	81.0	75	--	--
JB-D02R	207	1.1	680	20.0	35	--	--
JB-D03R	207	10.0	1800	37.0	70	--	--
JB-D04R	207	12.1	2600	220.0	610	--	--
JB-D05R	207	18.5	4200	45.0	615	--	--
JB-D06R	207	4.1	2300	29.0	65	--	--
JB-D07R	207	20.0	1900	190.0	620	--	--
JB-D08R	207	9.7	1300	38.0	100	--	--
JB-D09R	207	6.0	920	31.0	35	--	--
JB-D10R	207	10.8	400	360.0	450	--	--
JB-D11R	207	9.5	550	>1000.0	1790	--	--
JB-D12R	207	5.1	660	270.0	1350	--	--
JB-D13R	207	16.5	2100	36.0	150	--	--
JB-D14R	207	11.0	9000	>1000.0	2990	--	--
JB-D15R	207	39.0	230	150.0	70	--	--
JB-D16R	207	9.7	120	35.0	15	--	--
JB-D17R	207	27.0	4200	78.0	150	--	--
JB-D18R	207	42.0	>10000	220.0	420	--	--
JB-D20R	207	>100.0	7600	>1000.0	2550	--	--
JB-D21R	207	52.0	4600	130.0	480	--	--
JB-D22R	207	30.0	3600	57.0	110	--	--



Certified by *Hans Bichler*



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703 - 1112 W. PENDER ST.  
VANCOUVER, B.C.  
V6E 2S1

CERT. # : A8513165-001-A  
INVOICE # : 18513165  
DATE : 12-JUL-85  
P.O. # : NONE  
Y-02

CC: D. ARSCOTT

(checks)

Sample description	Prep code	Ag FA oz/T	Ag FA oz/T	Ag AA oz/T	(Assay Aqua-Regia Digestion, Atomic-Absorption Analysis)
JB-D01R	207	0.06	--	0.03	
JB-D02R	207	0.08	--	0.03	
JB-D03R	207	0.38	--	0.32	
JB-D04R	207	9.22	8.84	9.48	
JB-D05R	207	0.54	--	0.55	
JB-D06R	207	0.18	--	0.13	
JB-D07R	207	7.22	--	7.15	
JB-D08R	207	0.28	--	0.30	
JB-D09R	207	0.24	--	0.18	
JB-D10R	207	3.76	--	4.08	
JB-D11R	207	30.06	29.56	30.60	
JB-D12R	207	2.70	--	2.74	
JB-D13R	207	0.60	--	0.63	
JB-D14R	207	67.24	--	67.70	
JB-D15R	207	1.12	--	1.18	
JB-D16R	207	0.36	--	0.29	
JB-D17R	207	0.76	--	0.84	
JB-D18R	207	1.84	--	1.90	
JB-D20R	207	51.68	51.74	52.50	
JB-D21R	207	1.64	--	1.68	
JB-D22R	207	0.86	--	0.84	

*R. Swaites*

.....  
Registered Assayer, Province of British Columbia



SAMPLING - J BILL

Sample No.	Type	Location	Description	Ag <sup>oz</sup> / <sub>4</sub> Assays Au ppb
JB - D18R	Chip/15 cm (float)	Trench N-1	"Vein". Crumbly green stained and slightly silicified, pyritic. Float probably in place.	1.84
D19R	Not taken			
D20R	Chip/12cm	Trench E-2	Representative thickness of best material within D12R section.	57.68 2550
D21R	Ship/4.6 m	Trench	Strongly altered material including 2 veins (widths 0.5m and 0.7m). True sample width is about 3.1m	1.64
D22R	Chip/4.0 m	"	Intensely fractured rhyolite? Moderately limonitic.	0.86
D1T, D2T	Sediments		Fine material from trench drainage. Not true stream sediments.	

SAMPLING J BILL

Sample No	Type	Location	Description	Ag oz/t	Au ppb
JB-D9R	Chip/3.6 m	Trench E-2	Rhyolite, grey, moderately rusty, sericitic? Includes some limonitic soil.	0.24	
D10R	Chip/2.8 m	" "	Gumbo, grey to strongly limonitic.	3.76	
D11R	Chip/1.1 m	" "	Rhyolite, grey, highly weathered, locally pyritic.	30.06	1790
D12R	Chip/4.0 m	" "	Gumbo, minor rhyolite as D11R.	2.70	1350
D13R	Chip/3.8 m	" "	Limonitic, stoney, with some gumbo. Almost "C" horizon material.	0.60	
D14R	Select	" "	Rhyolite, strongly green stained.	67.24	2990
D15R	Grab	Unnamed trench, near lower end.	Rhyolite flow, cut by few fine quartz stringers, slightly rusty.	1.12	
D16R	"	" (different trench to D15R)	As D15R but with some Mn on fractures.	0.36	
D17R	Chip/4.0 m	Trench N-1.	Rhyolite, intensely fractured and altered.	0.76	

SAMPLING - J BILL

Sample No.	Type	Location	Description		
JB-D1R	Grab, float	Unnumbered trench	Rhyolite, vuggy, rusty, local yellow stain.		
D2R	Chip/3.0 m	Trench E-1	Rhyolite? intensely fractured and clay altered moderately manganiferous.	0.08	35
D3R	Chip/5.5 m	" "	Gouge, moderately rusty.	0.38	70
D4R	Chip/2.6 m	" "	"Vein". Rhyolite, grey to white, patchily silicified with recemented breccia. Unidentified black mineral. Yellow stain on fractures. True sample width is about 1.3m.	9.22	610
D5R	Chip/4.5 m	" "	? Intensely brecciated, shattered, weak to moderate rust, common gumbo.	0.54	615
D6R	Chip/10.8 m, (with 1.0 m gap)	" "	? Intensely shattered, weakly rusty, with local Mn.	0.18	65
D7R	Select	" "	Strongly silicified, brecciated, recemented, with 3% pyrite, from within area of D4R.	7.22	620
<sup>8</sup> D7R ?	Chip/5.7 m	Trench E-2	limonitic gumbo	0.28	100



23	24	15	16	31	32	5	6	
YA81445	YA81451	YA78063	YA78264	YA78079	YA78080	YA81420	YA86694	YA86695
21	22	13	14	29	30	2	3	4
YA81448	YA81449	YA78061	YA78062	YA78077	YA78078	YA81421	YA86692	YA86693
19	20	11	12	27	28	3	4	2
YA81446	YA81447	YA78059	YA78060	YA78075	YA78076	YA81422	YA86690	YA86691
17	18	9	10	25	26	5	6	7
YA81444	YA81445	YA78057	YA78058	YA78073	YA78074	YA81424	YA86692	YA86693
15	16	7	8	23	24	3	4	5
YA81442	YA81443	YA78055	YA78056	YA78071	YA78072	YA81426	YA86694	YA86695
13	14	5	6	21	22	10	11	12
YA81440	YA81441	YA78053	YA78054	YA78069	YA78070	YA86289	YA86288	YA86290
11	12	3	4	19	20	12	11	10
YA81438	YA81439	YA78051	YA78052	YA78067	YA78068	YA86291	YA86292	YA86293
9	10	1	2	17	18	14	13	12
YA81436	YA81437	YA78049	YA78050	YA78065	YA78066	YA86293	YA86294	YA86295
7	8	31	32	39	40	16	15	14
YA81434	YA81435	YA81458	YA81459	YA81466	YA81467	YA86295	YA86296	YA86297
5	6	29	30	37	38	18	17	16
YA81432	YA81433	YA81456	YA81457	YA81464	YA81465	YA86297	YA86298	YA86299
3	4	27	28	35	36	20	19	18
YA81430	YA81431	YA81454	YA81455	YA81462	YA81463	YA86299	YA86300	YA86301
1	2	25	26	33	34	22	21	20
YA81428	YA81429	YA81452	YA81453	YA81460	YA81461	YA86301	YA86302	YA86303
2	3	23	24	31	32	24	23	22
YA86387	YA86388	YA86397	YA86396	YA86303	YA86302	YA86304	YA86305	YA86306
4	3	14	13	26	25	28	27	26
YA86389	YA86388	YA86399	YA86398	YA86305	YA86304	YA86307	YA86306	YA86305
6	5	16	15	28	27	30	29	28
YA86391	YA86390	YA86401	YA86400	YA86307	YA86306	YA86403	YA86402	YA86401
8	7	18	17	32	31	32	31	30
YA86393	YA86392	YA86403	YA86402	YA86405	YA86404	YA86407	YA86406	YA86405
10	9	20	19	34	33	34	33	32
YA86395	YA86394	YA86405	YA86404	YA86407	YA86406	YA86410	YA86409	YA86408
12	11	22	21	36	35	36	35	34

MOUNT NANSEN  
5993±

J BILL  
CLAIM GROUP

MAIN ZONE  
J BILL TRENCING

Reported float  
0.2 oz./t. Au

D2T, D16R

D1T, D15R

Dickson  
Camp (approx)

Mine

Mines

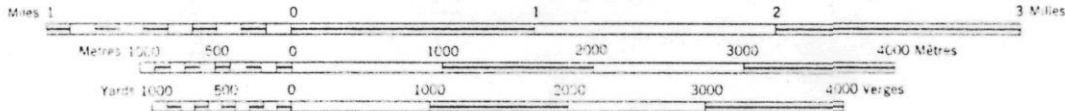
Mines

Mine

# MOUNT NANSEN YUKON TERRITORY

115-I-3

SCALE 1:50,000 ÉCHELLE



SILVERMILE  
(J BILL)

D.A.

Jun. '85



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**AUG 27 1985**

## CERTIFICATE OF ANALYSIS

PER

TO : KERR ADDISON MINES LTD.  
(ATTN: RAY DUJARDIN)  
703 - 1112 W. PENDER ST.  
VANCOUVER, B.C.  
V6E 2S1

*J BILL*

CERT. # : A8515295-001-A  
INVOICE # : 18515295  
DATE : 26-AUG-85  
P.O. # : NONE  
Y-02

ATTN: D. ARSCOTT

Sample description	Prep code	Ag ppm Aqua R	AS ppm	Sb ppm	Au ppb FA+AA		
Jβ-DXR	205	31.0	53	8.4	15	}	--
Jβ-DXXR	205	8.8	1300	37.0	260		--
<del>YV-5D1R</del>	<del>205</del>	<del>0.1</del>	<del>10</del>	<del>0.6</del>	<del>&lt;5</del>		--
YV-5D2R	205	0.1	2	0.2	<5		--
YV-5D3R	205	0.1	1	0.2	<5		--
YV-5D4R	205	0.1	3	1.2	<5		--
YV-5D5R	205	0.3	5	1.6	<5		--
YV-5D6R	205	0.1	1	0.2	<5		--
YV-5D7R	205	0.1	1	0.4	<5	--	

*Grabs of quartz, various areas, VIC & VG claims*

*Samples of weakly quartz veined rhyolite 1 mile S. of J Bill showing, on nose of hill.*



Certified by *Hart Bichler*

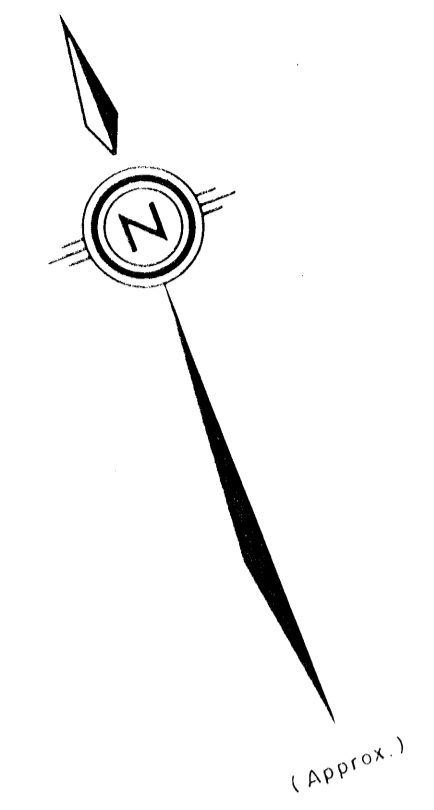
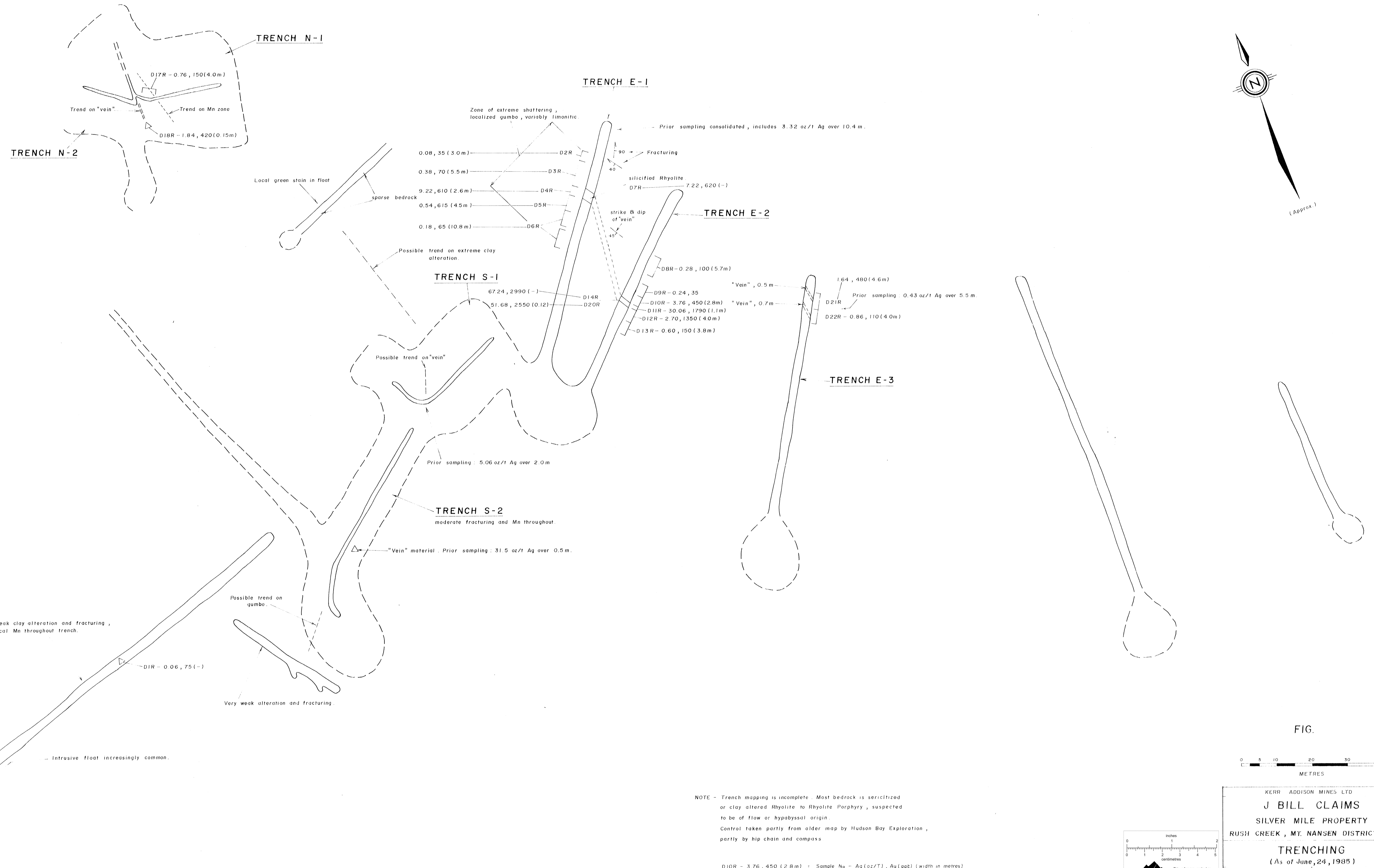
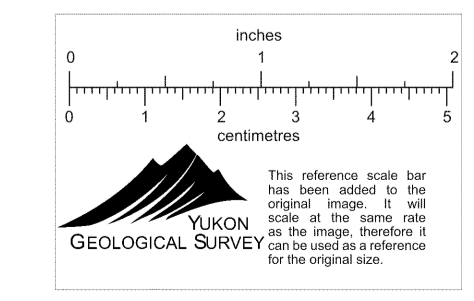


FIG.



NOTE - Trench mapping is incomplete. Most bedrock is sericitized or clay altered Rhyolite to Rhyolite Porphyry, suspected to be of flow or hypabyssal origin.  
 Control taken partly from older map by Hudson Bay Exploration, partly by hip chain and compass.

D10R - 3.76, 450 (2.8m) : Sample No - Ag(oz/T), Au(ppm) (width in metres)



KERR ADDISON MINES LTD	
J BILL CLAIMS	
SILVER MILE PROPERTY	
RUSH CREEK, MT. NANSEN DISTRICT, Y.T.	
TRENCHING	
(As of June, 24, 1985)	
SCALE - 1 : 500	DATE - JUNE, 1985
DRAWN BY - F.H., D.A.	DATA - D.A.
NTS - 115 I 3	REVISED - APRIL, 1988