

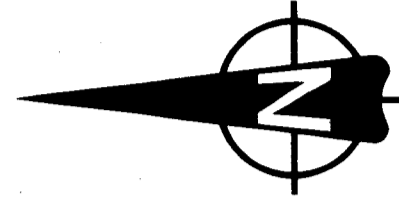
'85-245-13618

GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND  
DRILLING REPORT  
ON THE KAM 1-4, 7, 15-24 AND JEFF 1-6 CLAIMS  
LOCATED IN THE KAMLOOPS MINING DIVISION  
N.T.S. 92-1-15W  
LATITUDE: 50°50'N; LONGITUDE: 120°51'W  
OWNED AND OPERATED BY  
CANADIAN NICKEL COMPANY LIMITED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**  
**PART 2 OF 2**

E. J. Debicki  
District Geologist  
B.C. and Yukon  
Canadian Nickel Company Limited  
April, 1985



DETAIL AREA 3 North of Sabiston Lake Area  
See 1:5,000 Scale Detail Figures 7, 7a

DETAIL AREA 2 Sabiston Valley Grid (North)  
See 1:5,000 Scale Detail Figure 6, 6a, 8b, 9b.

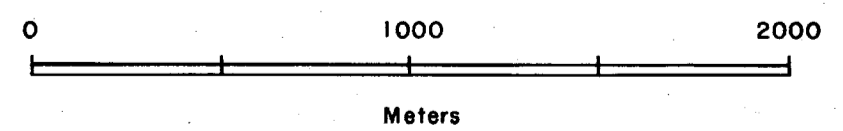
DETAIL AREA 1 Sabiston Valley Grid (South)  
See 1:5,000 Scale Detail Figures  
4, 4a to 4e  
5, 8a, 9a  
10a to 10k

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

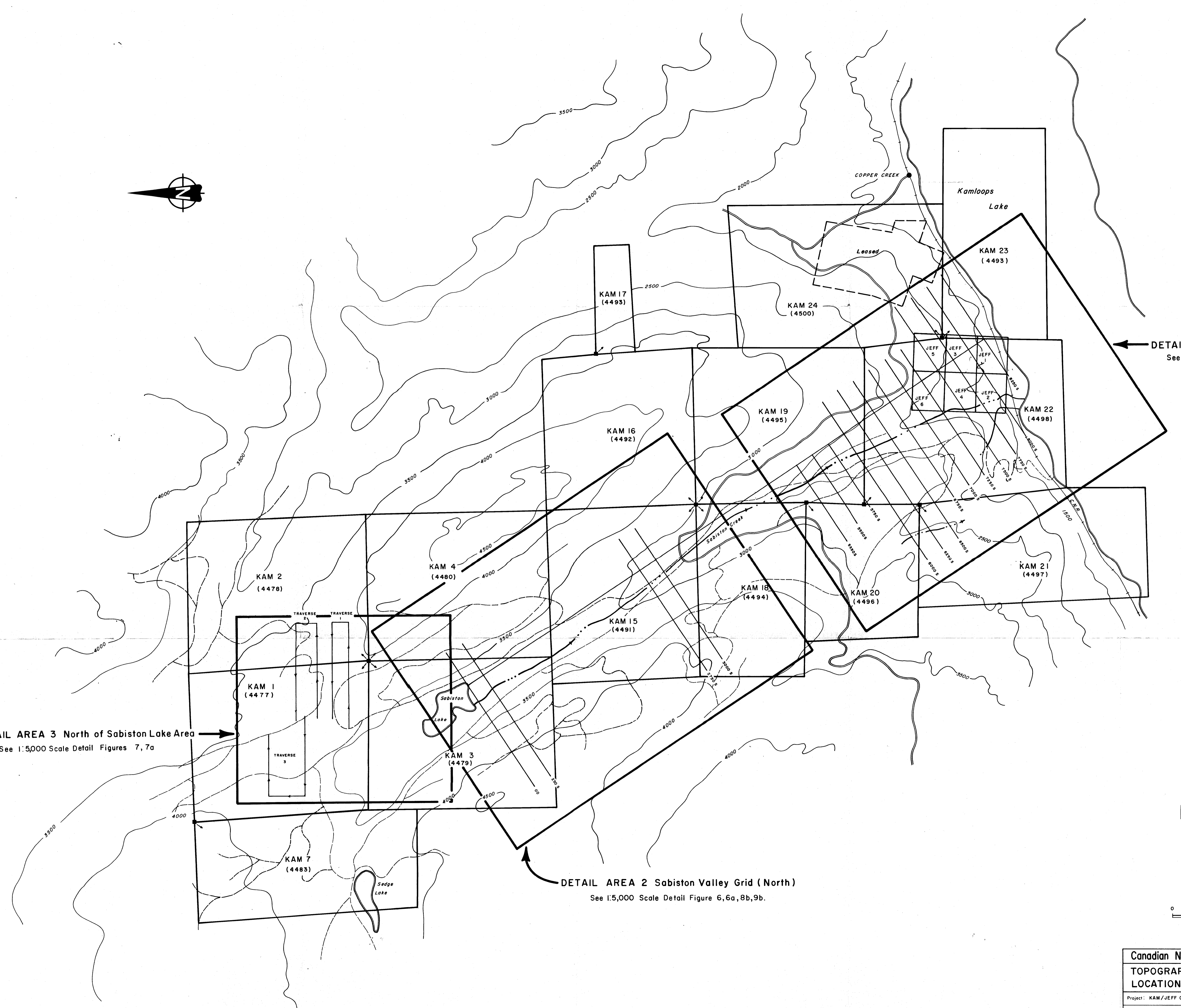
13,618  
PART  
2 OF 2

LEGEND

- Trail (old logging road)
- Creek, intermittent drainage
- 3500 Elevation contour in feet above sea level  
contour interval 500 feet.
- Claim corner and legal post
- Sabiston Valley Grid
- Traverse Line



Canadian Nickel Company Limited		Copper Cliff, Ontario	
TOPOGRAPHY, CLAIM LOCATIONS, GRID LOCATIONS and TRAVERSE LOCATIONS		SHEET	FIGURE
Project: KAM/JEFF CLAIMS		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E. J. Debicki	Instrument:	Survey date: July, 1984	
Compiled by: B. R. Booth	Drawn by: D.W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:20,000	File:	N.T.S. 92 I 15 W	

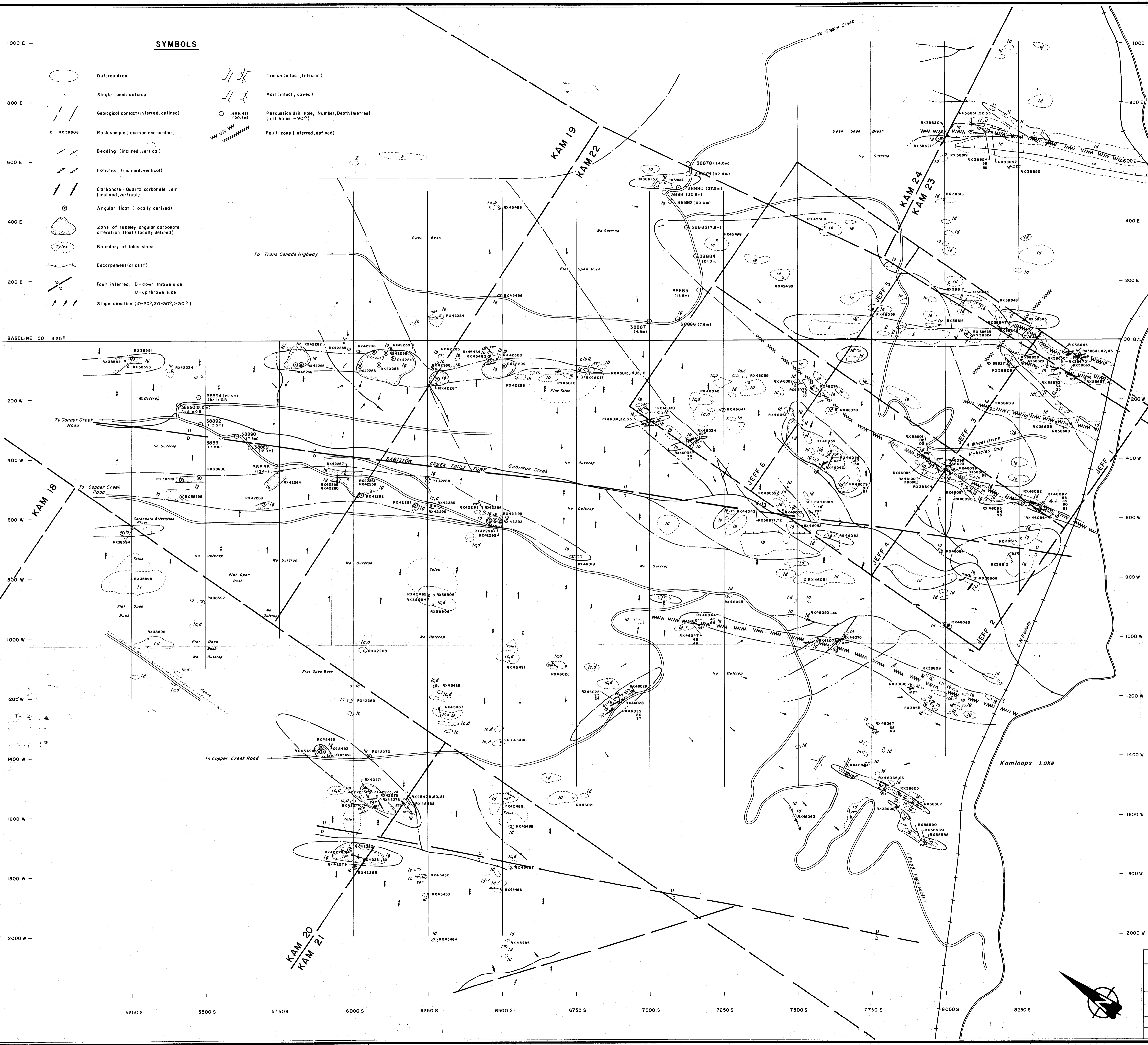


SYMBOLS

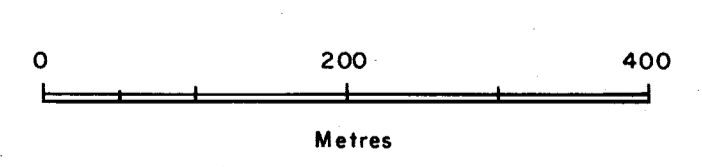
- Outcrop Area
- Single small outcrop
- Geological contact (inferred, defined)
- Rock sample location and number
- Bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Carbonate-Quartz carbonate vein (inclined, vertical)
- Angular float (locally derived)
- Zone of rubble angular carbonate alteration float (locally defined)
- Boundary of talus slope
- Escarpment (or cliff)
- Fault inferred, D - down thrown side, U - up thrown side
- Slope direction (10-20°, 20-30°, >30°)
- Trench (intact, filled in)
- Adit (intact, covered)
- Percussion drill hole, Number, Depth (metres) (all holes - 90°)
- Fault zone (inferred, defined)

LEGEND

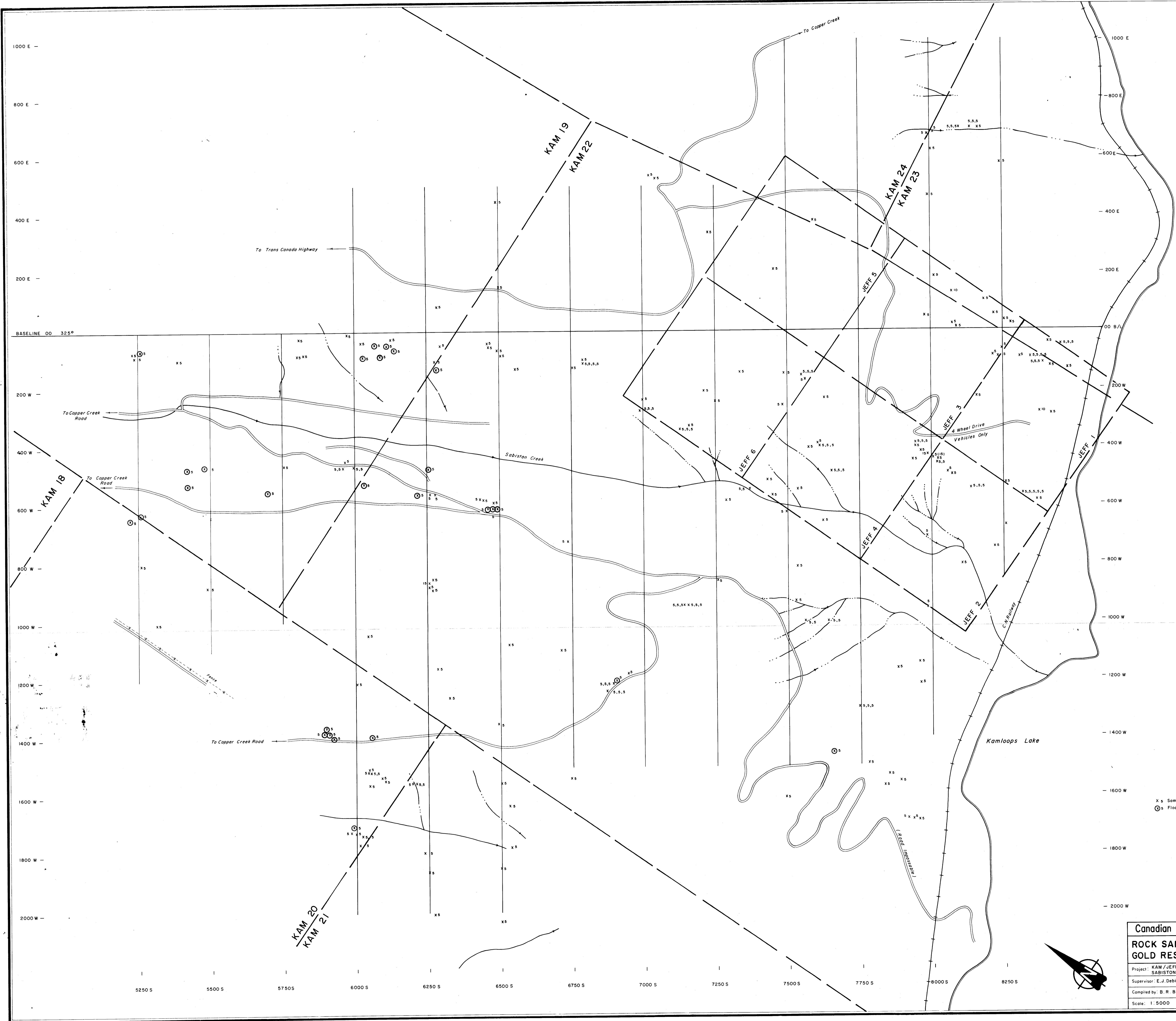
- LOWER JURASSIC**  
Ashcroft Formation
- Polymictic Conglomerate  
Pebble-cobble conglomerate - generally clasts supported - local lenses of siltstone - clasts are commonly granite or quartz matrix is siliceous sand and silt.
- UNCONFORMITY**
- UPPER TRIASSIC (NORIAN)**  
Nicola Group
- Andesite  
Fine to medium grained, light to dark green on fresh surface, weathers grey to black. Generally unit is massive and locally flow brecciated.
  - Plagioclase Porphyry  
Fine grained, green to reddish brown on fresh surface, weathers grey to green. Plagioclase phenocrysts occur as tabular crystals generally < 8mm in length.
  - Lapilli Tuff (1c) to Agglomerate (1d)  
Medium grained, light-dark green on fresh surface, weathers grey to green. Fragments and/or clasts range from 4mm to 10cm in diameter. Clasts tend to be angular to subrounded. Locally units may appear conglomeratic and siliceous. Pyrite may be present in trace amounts (< 1%). Units may contain locally local limestone interbeds and fragments.
  - Mafic (Basalt) to Ultramafic Volcanics  
Massive, medium to coarse grained, grey to dark green on fresh surface. Characteristically contains augite phenocrysts altered to hornblende. Unit contains varying amounts plagioclase as phenocrysts which may reach > 1cm in length. Locally unit may be porphyritic and picritic.
  - Argillite Interbeds  
Fine grained, black on fresh surface, weathers black to grey. Unit is discontinuous, locally siliceous and brecciated.
  - Carbonated Alteration Zone  
Fine grained, yellow brown to buff white on fresh surface, weathers rust-orange brown to black. Locally brecciated and silicified. Commonly exhibits differential weathering. Unit is generally composed of dolomite, calcite, ankerite and varying amounts of quartz, sericite, kaolinite and pyrite.
  - Argillite Alteration (of unit 1d)  
Fine grained, white to buff white on fresh surface, weathers white to rust brown. Varies in intensity from pervasive alteration to the complete alteration of plagioclase phenocrysts. Locally gossan stained and contains weathered pyrite cubes. Alteration appears to be restricted to fault zones.
  - Andesite Dyke (Altered)  
Fine to medium grained, white to buff white on fresh surface, weathers buff white to grey. Unit may contain varying amounts of altered feldspar. Locally may be highly argillitically altered. (Kaolinite)



**GEOLOGICAL BRANCH**  
**SUBSISTMENT REPORT**  
**13,618**  
**PART 2 OF 2**



Canadian Nickel Company Limited		Copper Cliff, Ontario	
POM 1NO		SHEET	
GEOLOGY PLAN and ROCK SAMPLE LOCATIONS		FIGURE	
		4	
Project: KAM/JEFF CLAIMS, DETAIL AREA 1 SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E.J. Debicki	Instrument:	Survey date: July, 1984	
Compiled by: B.R. Booth	Drawn by: W.Saffic / D.W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	N.T.S. 92.1.15W	

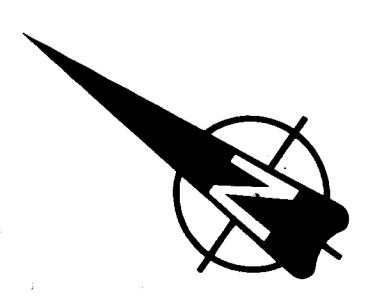
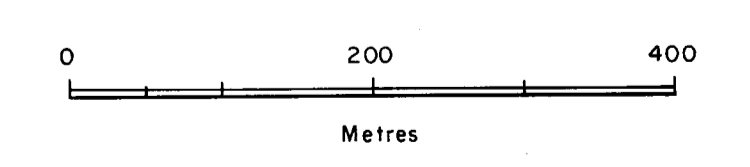


**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

# 13,618

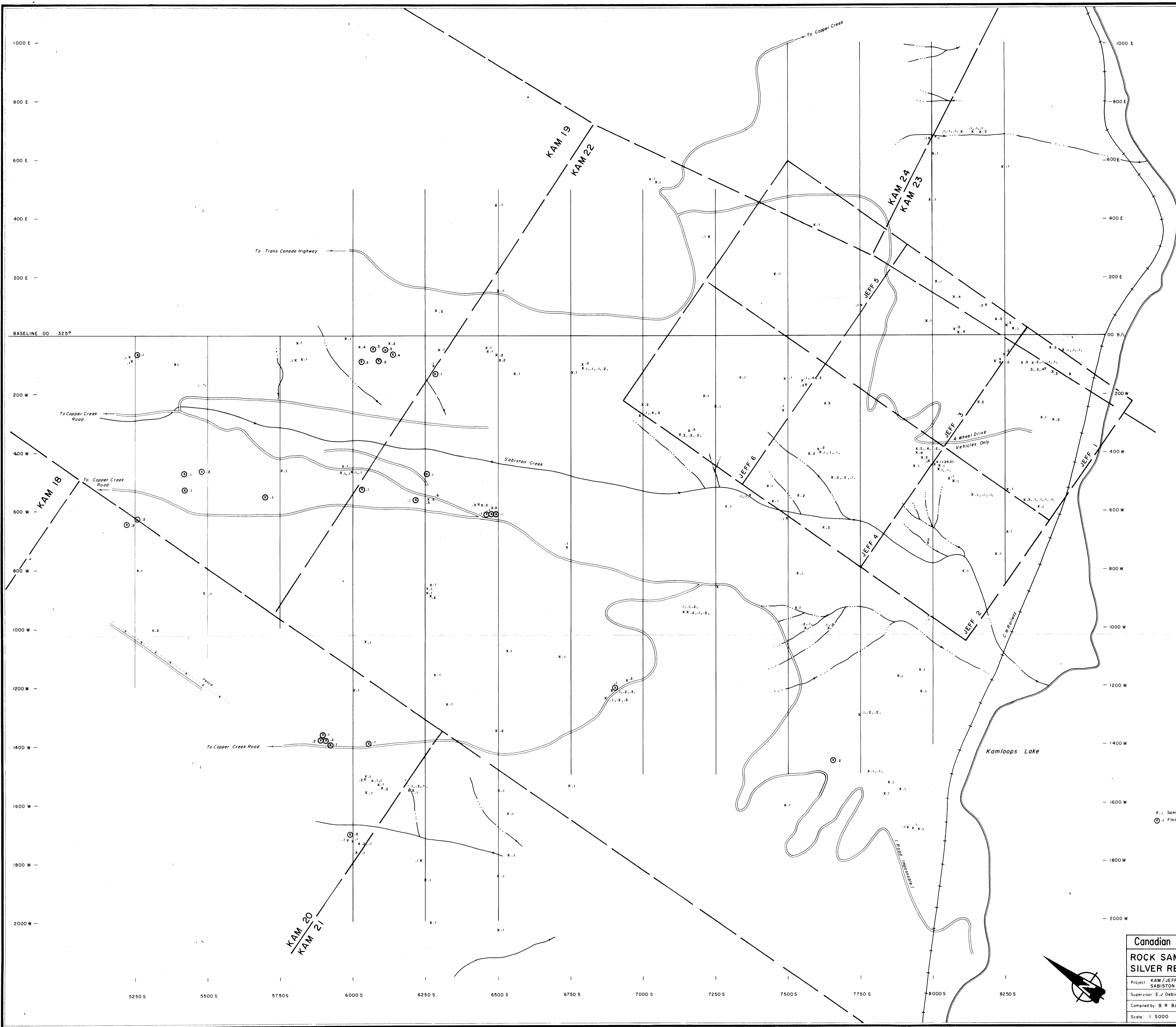
**PART 2 OF 2**

**LEGEND**  
 xs Sample site and analytical result (Au. p.p.b.)  
 os Float sample and analytical result (Au. p.p.b.)



Canadian Nickel Company Limited		Copper Cliff, Ontario	
Project: KAM/JEFF CLAIMS, DETAIL AREA 1		POM 110	
SABISTON VALLEY GRID (SOUTH)		SHEET	
GOLD RESULTS		FIGURE	
Project: KAM/JEFF CLAIMS, DETAIL AREA 1		Area: KAMLOOPS, BRITISH COLUMBIA.	
Supervisor: E.J. Debecki	Instrument:	Survey date: July, 1984	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	
Scale: 1:5000	File:	NTS 92 1 15W	

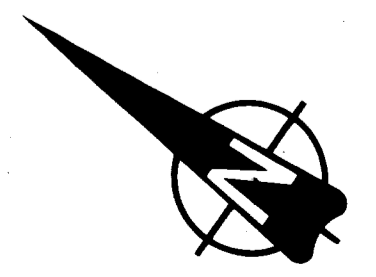
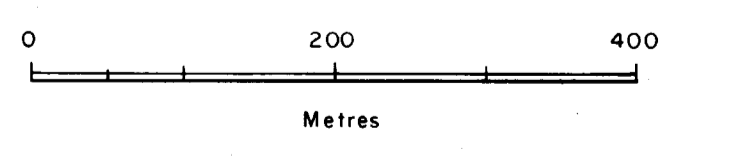
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ASSESSMENT REPORT**

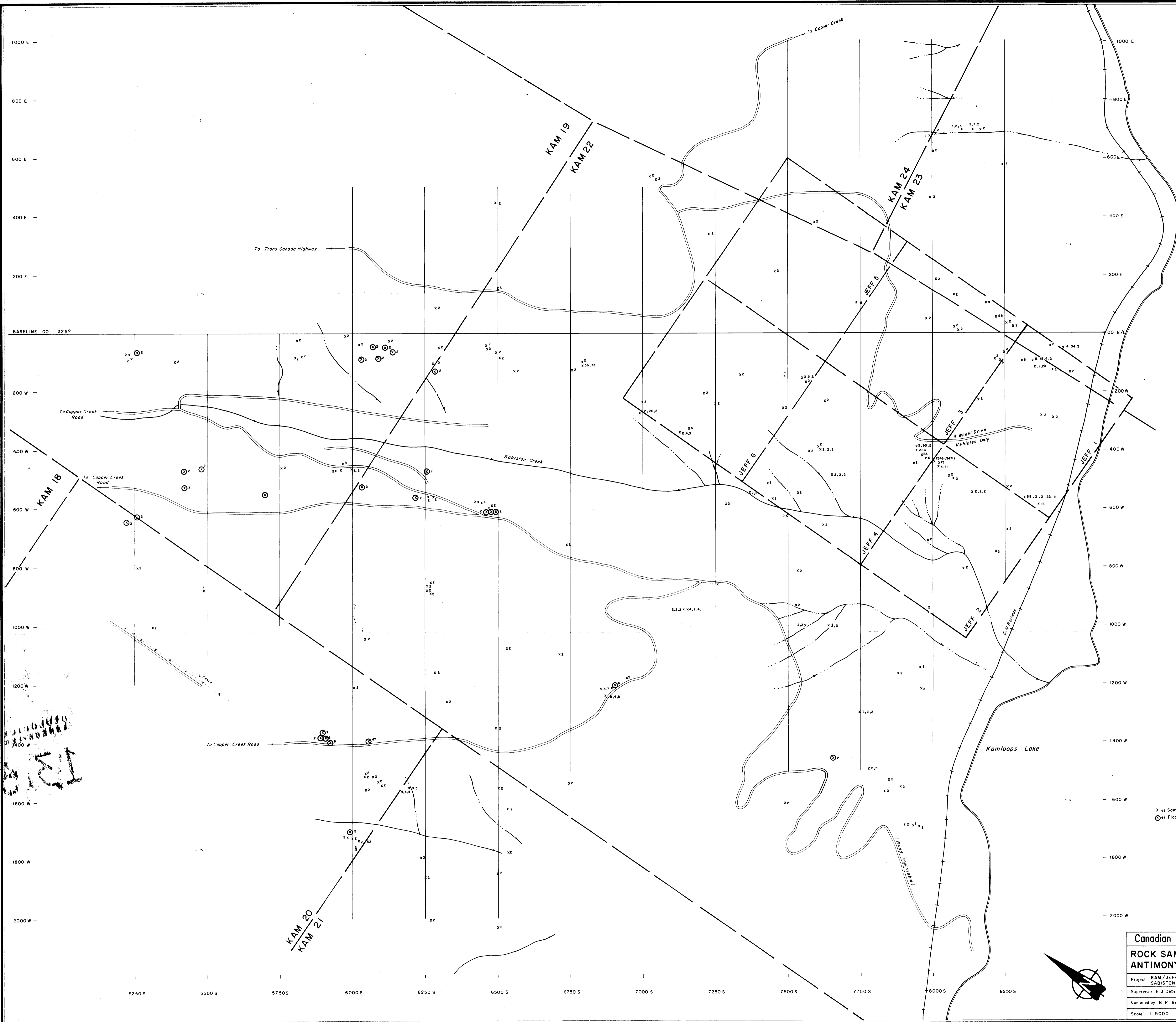
**13,618**  
**PART 2 OF 2**

**LEGEND**  
X.1 Sample site and analytical result (Ag. p.p.m.)  
○.1 Float sample and analytical result (Ag. p.p.m.)



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1N0	
<b>ROCK SAMPLE SURVEY SILVER RESULTS</b>		SHEET	FIGURE
			<b>4b</b>
Project: KAM/JEFF CLAIMS, DETAIL AREA 1 SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E.J. Debicki	Instrument:	Survey date: July, 1984	
Compiled by: B.R. Booth	Drawn by: W. Saffic / D.W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS: 92 115W	

9250 S    9500 S    9750 S    6000 S    6250 S    6500 S    6750 S    7000 S    7250 S    7500 S    7750 S    8000 S    8250 S



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

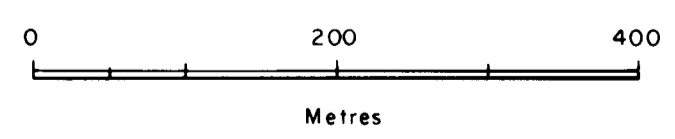
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**PART 2 OF 2**

**LEGEND**

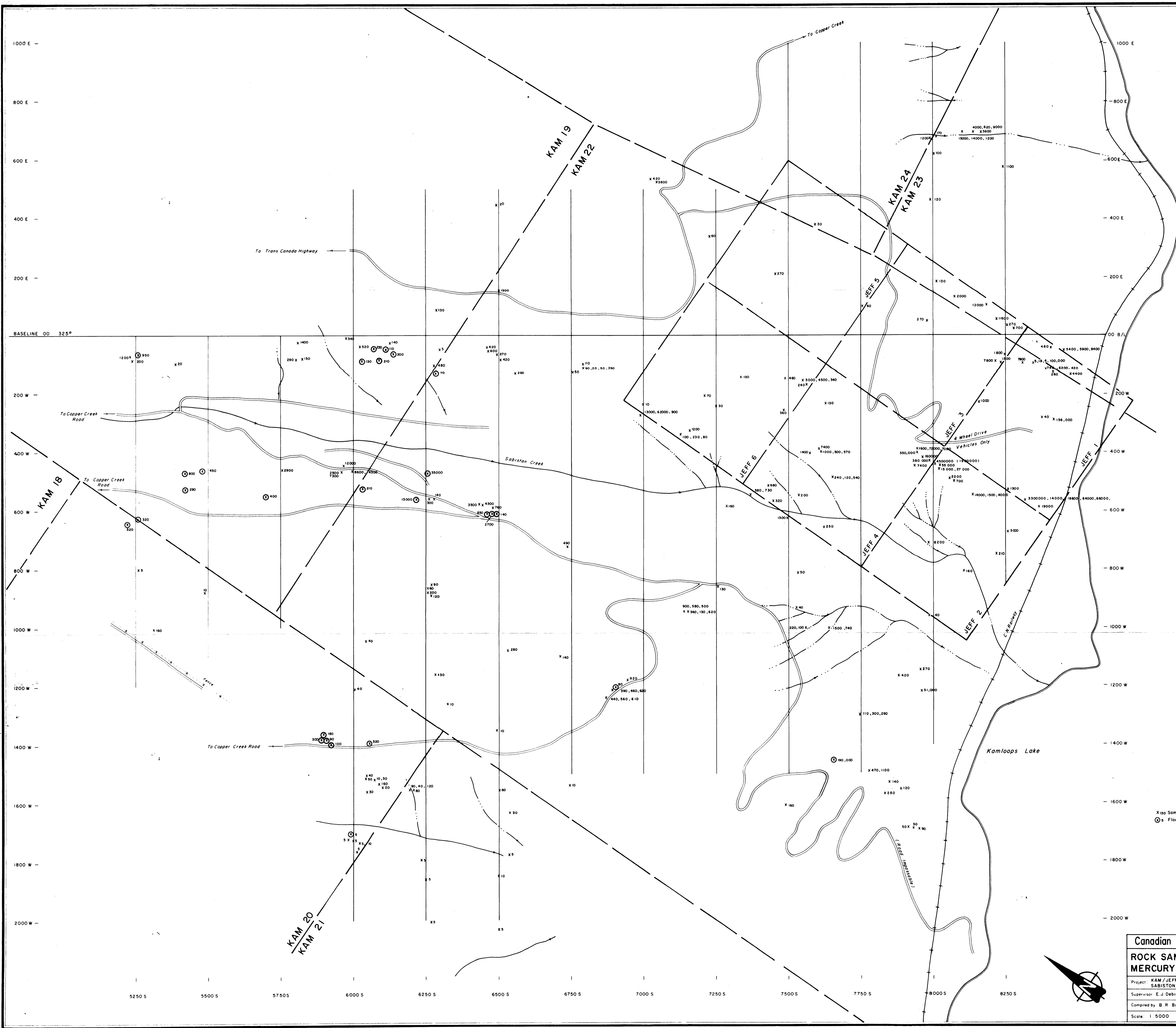
x 45 Sample site and analytical result (Sb. p.p.m.)

⊗ 45 Float sample and analytical result (Sb. p.p.m.)



Canadian Nickel Company Limited		Copper Cliff, Ontario	
Project: KAM/JEFF CLAIMS, DETAIL AREA I SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E.J. Debicki	Instrument:	Survey date: July, 1984	SHEET: 4 d
Compiled by: B.R. Booth	Drawn by: W. Saffic / D.W. Walsh	Date drawn: April, 1985	Revised:
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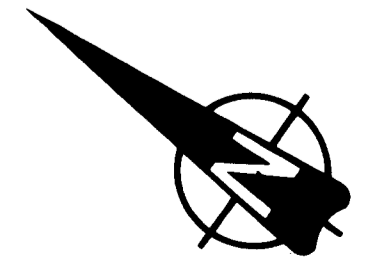
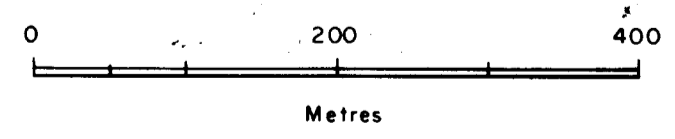
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ASSESSMENT REPORT**

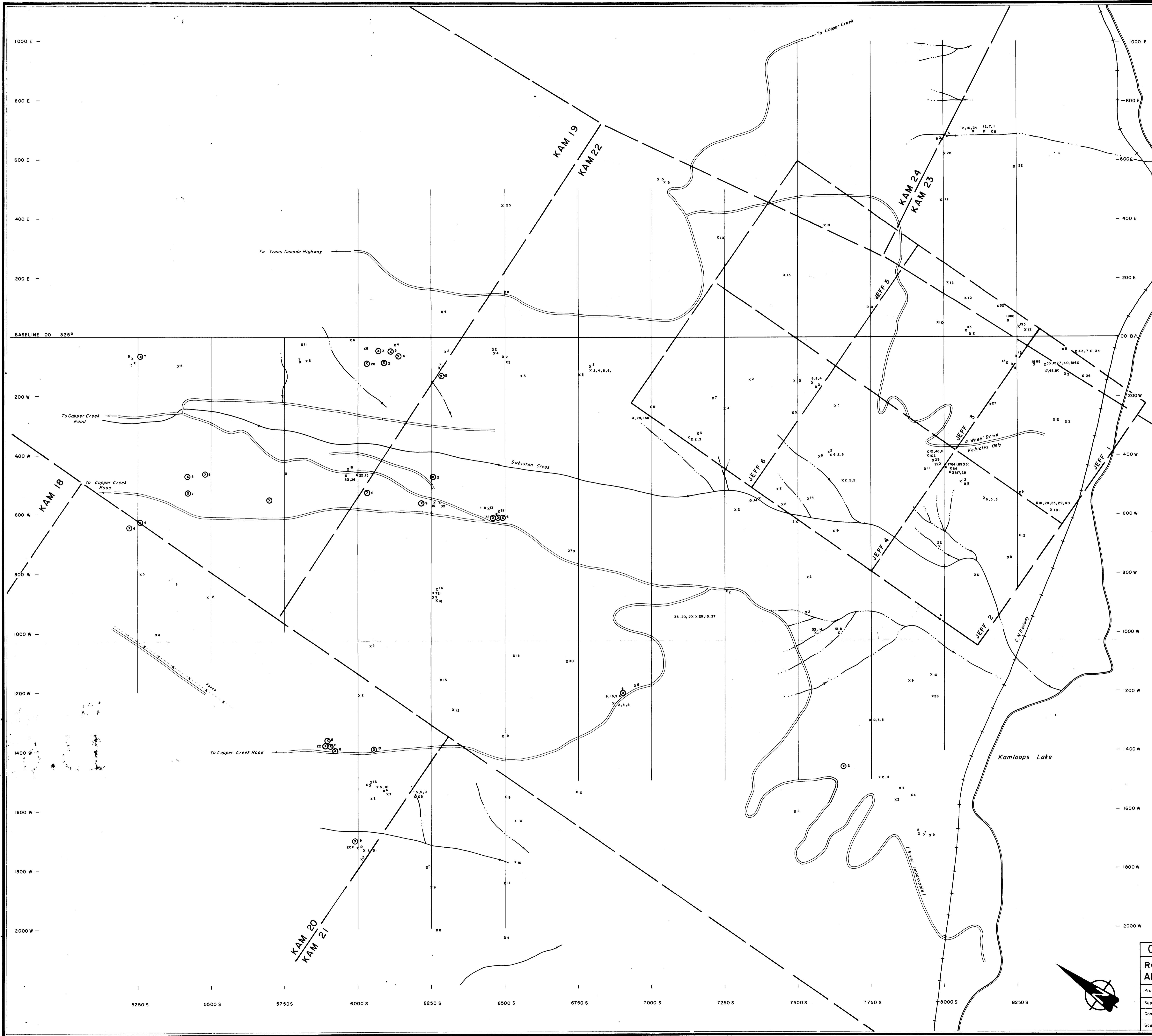
**13,618**  
**PART 2 OF 2**

LEGEND  
 X 100 Sample site and analytical result (Hg, p.p.b.)  
 ⊙ 5 Float sample and analytical result (Hg, p.p.b.)



Canadian Nickel Company Limited		Copper Cliff, Ontario	
ROCK SAMPLE SURVEY		SHEET	FIGURE
MERCURY RESULTS			4e
Project: KAM/JEFF CLAIMS, DETAIL AREA I SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E.J. Debicki	Instrument:	Survey date: July, 1984	
Compiled by: B.R. Booth	Drawn by: W. Saffic / D.W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS: 92 1 15W	

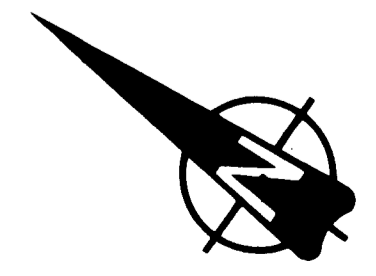
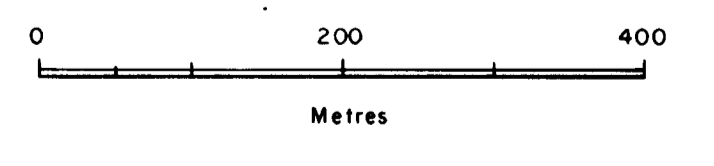
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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**  
**PART 2 OF 2**

- LEGEND**  
 X 41 Sample site and analytical result (As, p.p.m.)  
 O 41 Flot sample and analytical result (As, p.p.m.)



Canadian Nickel Company Limited		Copper Cliff, Ontario	
ROCK SAMPLE SURVEY		SHEET	FIGURE
ARSENIC RESULTS			4 c
Project: KAM / JEFF CLAIMS, DETAIL AREA I SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E. J. Debricki	Instrument:	Survey date: July, 1984	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS. 92 1 15 W	

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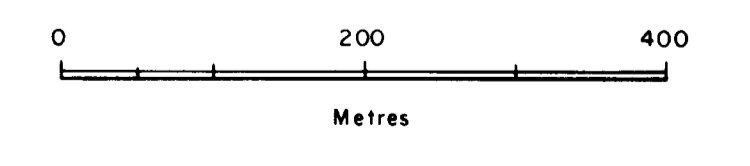


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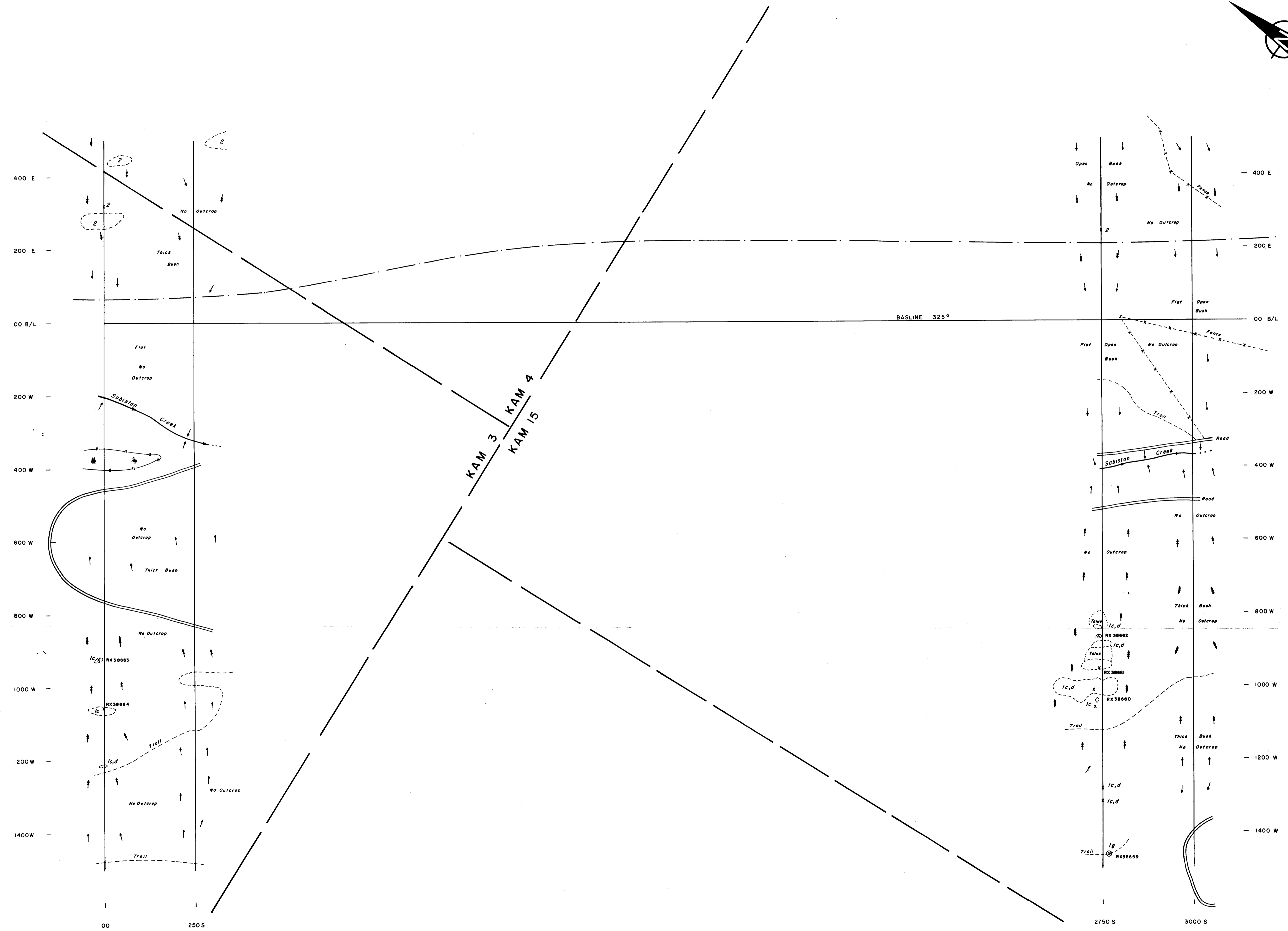
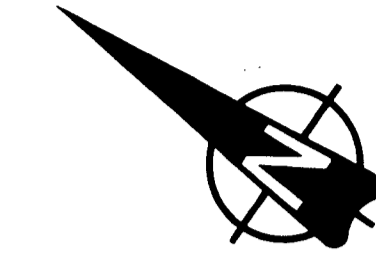
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**PART 2 OF 2**

**LEGEND**  
 ▲ Sample location and sample number  
 Assay results: Au. ppb., Ag. ppm., As. ppm., Sb. ppm., Hg. ppb.



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1N0	
<b>STREAM SEDIMENT HEAVY MINERAL (GOLDWHEEL) CONCENTRATE SURVEY SAMPLE LOCATIONS AND RESULTS</b>			SHEET <b>5</b>
Project: KAM/JEFF CLAIMS, DETAIL AREA 1 SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E.J. Debicki	Instrument	Survey date: July, 1984	
Compiled by: B.R. Booth	Drawn by: W. Saffic / D.W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File	N.T.S. 92 115 W	



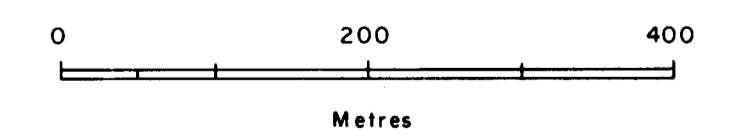
**LEGEND**

- LOWER JURASSIC**  
*Ashcroft Formation*
- 218 2 Polymictic Conglomerate  
 Pebble - cobble conglomerate - generally clast supported - local lenses of siltstone - clasts are commonly granitic or quartz, matrix is siliceous sand and silt.
- UNCONFORMITY —
- UPPER TRIASSIC**  
*Nicola Group*
- 208 1c,d Lapilli Tuff (ic) to Agglomerate (id)  
 Medium grained, light to dark green on fresh surface, weathers grey to green. Fragments and/or clasts range from < 4mm to > 10 cm in diameter. Clasts tend to be angular to subrounded. Locally units may appear conglomeratic to brecciated and siliceous. Pyrite may be present in trace amounts (< 1%). Unit may contain local limestone interbeds and fragments.
- 228 1g Carbonate Alteration  
 Fine grained, yellow brown to buff white on fresh surface, weathers rust-orange brown to black. Locally brecciated and silicified. Commonly exhibits differential weathering. Unit is generally composed of dolomite, calcite, ankerite and varying amounts of quartz and pyrite.
- SYMBOLS**
- x RX38861 Rock chip sample location and number
- Outcrop area and location
- Geological contact
- Swamp or marsh
- Talus boundary
- ↑ Slope direction (10-20°, 20-30°, 30°)
- ⊙ Flat

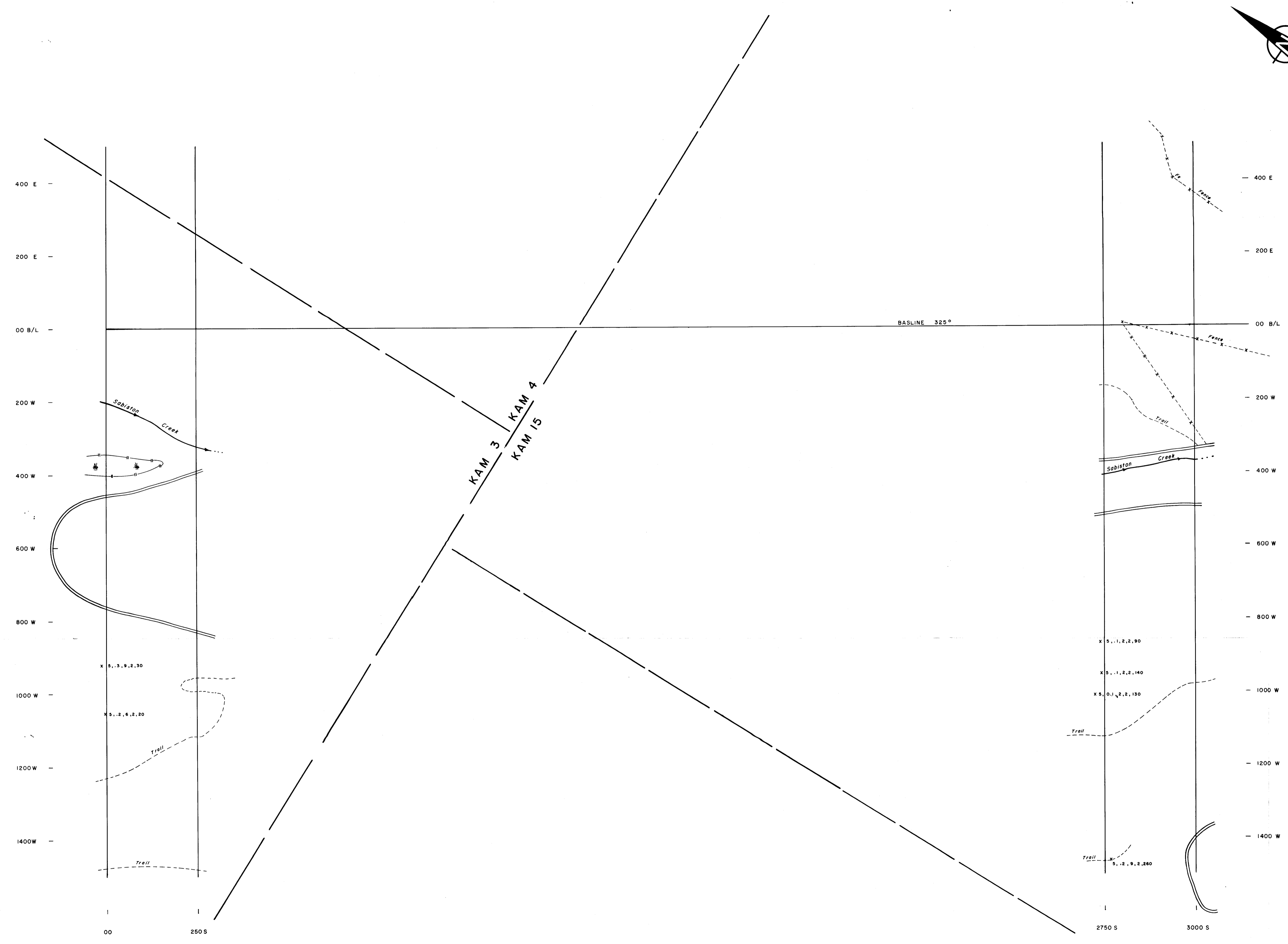
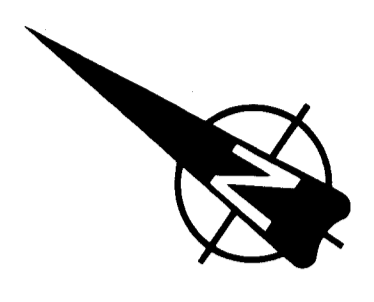
**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

**13,618**

**PART 2 OF 2**



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1N0	
GEOLOGY PLAN and ROCK SAMPLE LOCATIONS		SHEET	FIGURE
			6
Project: KAM/JEFF CLAIMS, DETAIL AREA 2 SABISTON VALLEY GRID (NORTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E. J. Debicki	Instrument:	Survey date: July, 1984	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS. 92 115 W	

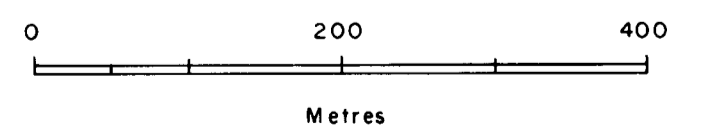


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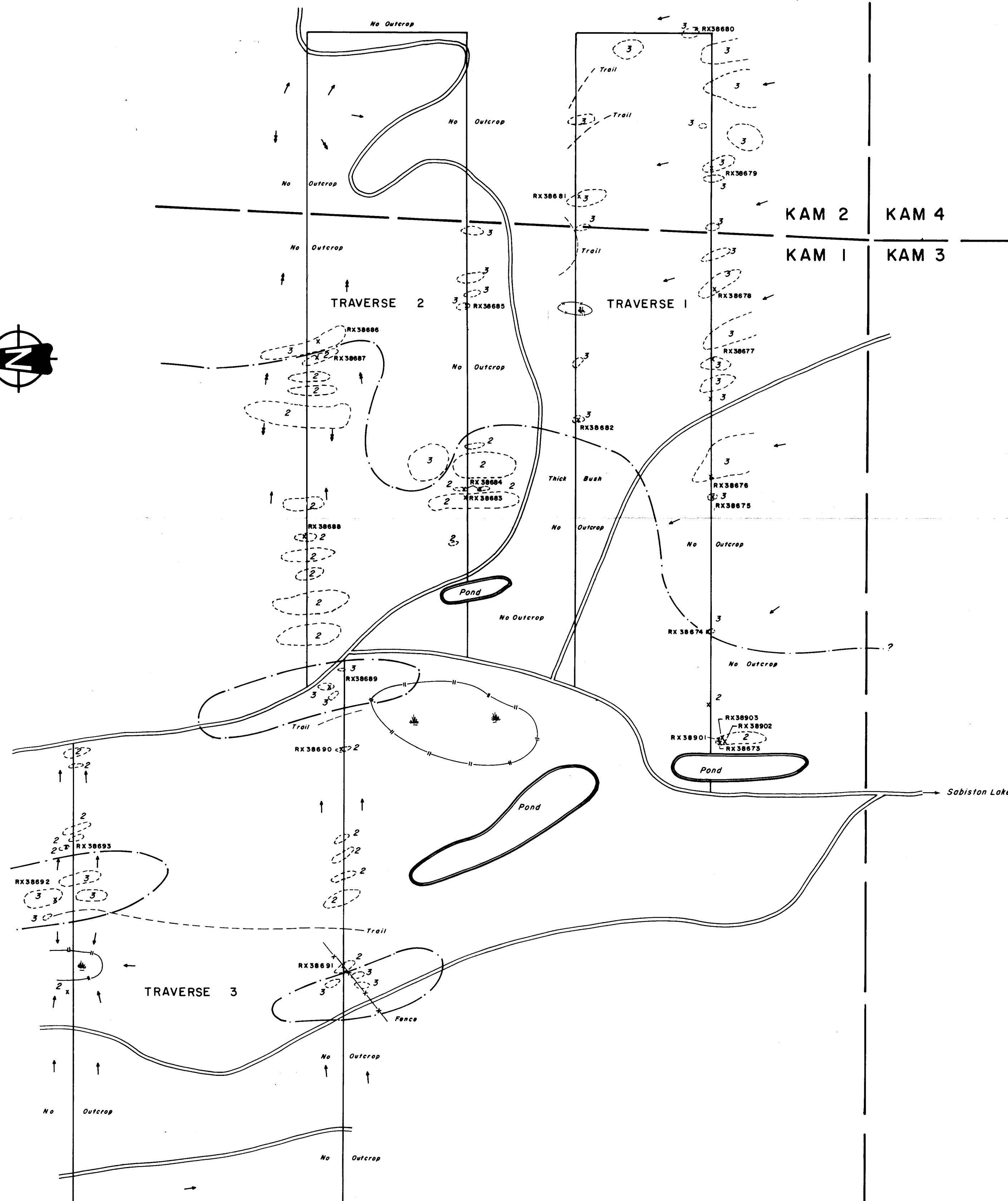
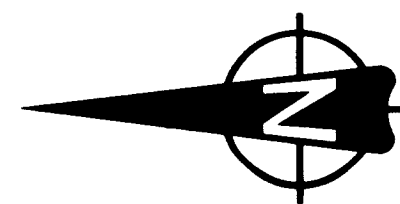
**13,618**  
**PART 2 OF 2**

**LEGEND**

X 5.1.2.2.90 Sample site and analytical results  
(Au. ppb., Ag. ppm., As. ppm., Sb. ppm., Hg., p.p.b.)



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1ND	
<b>ROCK SAMPLE SURVEY GOLD, SILVER, ARSENIC, ANTIMONY MERCURY RESULTS</b>		SHEET	FIGURE
Project: KAM/JEFF CLAIMS, DETAIL AREA 2 SABISTON VALLEY GRID (NORTH)		Area: KAMLOOPS, BRITISH COLUMBIA.	6a
Supervisor: E. J. Debicki	Instrument:	Survey date: July, 1984.	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985.	Revised:
Scale: 1:5000	File:	NTS 92115W	



**LEGEND**

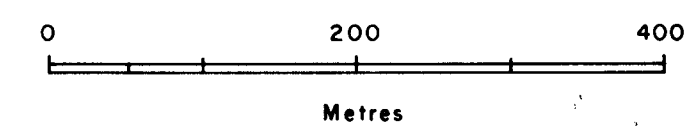
- UPPER JURASSIC ?**  
 Diorite to Granodiorite  
 Medium to coarse grained, massive, grey to weakly pink white on fresh surface weathers grey to grey white. Unit is generally equigranular but may be locally porphyritic. Weakly to strongly magnetic.
- INTRUSIVE CONTACT**
- LOWER JURASSIC**  
 Ashcroft Formation
- Polymictic Conglomerate  
 Generally massive, clast supported, contains lenses of siltstone. Clasts are commonly granitic and quartz. The matrix is composed of siliceous sand and silt.
- UNCONFORMITY**
- UPPER TRIASSIC**  
 Nicola Group
- 1a Andesite
  - 1b Plagioclase porphyry
  - 1c,d Lapilli Tuff to Agglomerate
  - 1e Basalt to Ultramafic (picrite)
  - 1f Argillite
  - 1g Carbonate alteration
  - 1h Argillic Alteration
- No Unit 1 on this figure.*

**SYMBOLS**

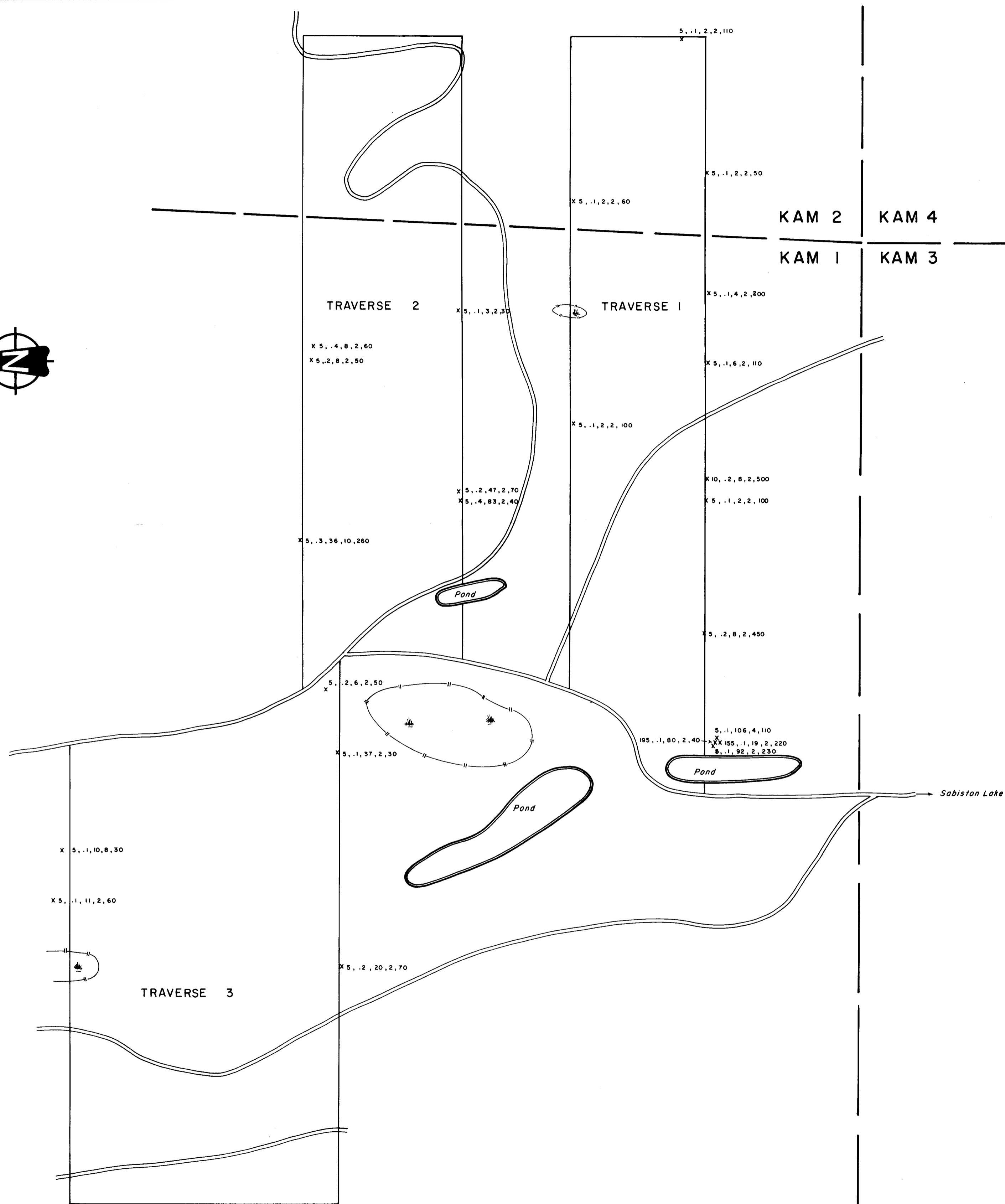
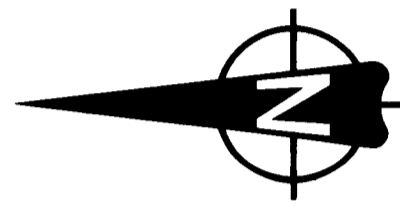
- X Outcrop area and sample site
- X RX38689 Rock sample location and number
- - - Geological contact (inferred)
- ↑↑ Slope direction ( 10°, 10-20°)
- Swamp or marsh

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**13,618**  
**PART 2 of 2**



Canadian Nickel Company Limited		Copper Cliff, Ontario POM INO	
<b>GEOLOGY PLAN and ROCK SAMPLE LOCATIONS</b>		SHEET	FIGURE
			<b>7</b>
Project: KAM CLAIMS, DETAIL AREA 3 NORTH OF SABISTON LAKE		Area: KAMLOOPS, BRITISH COLUMBIA.	
Supervisor: E. J. Debicki	Instrument:	Survey date: August, 1984	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	N.T.S. 92 I 15W	

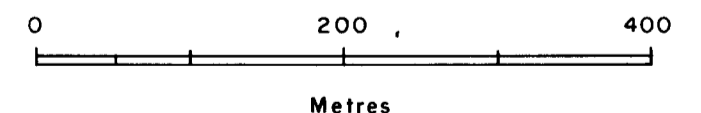


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ASSESSMENT REPORT**

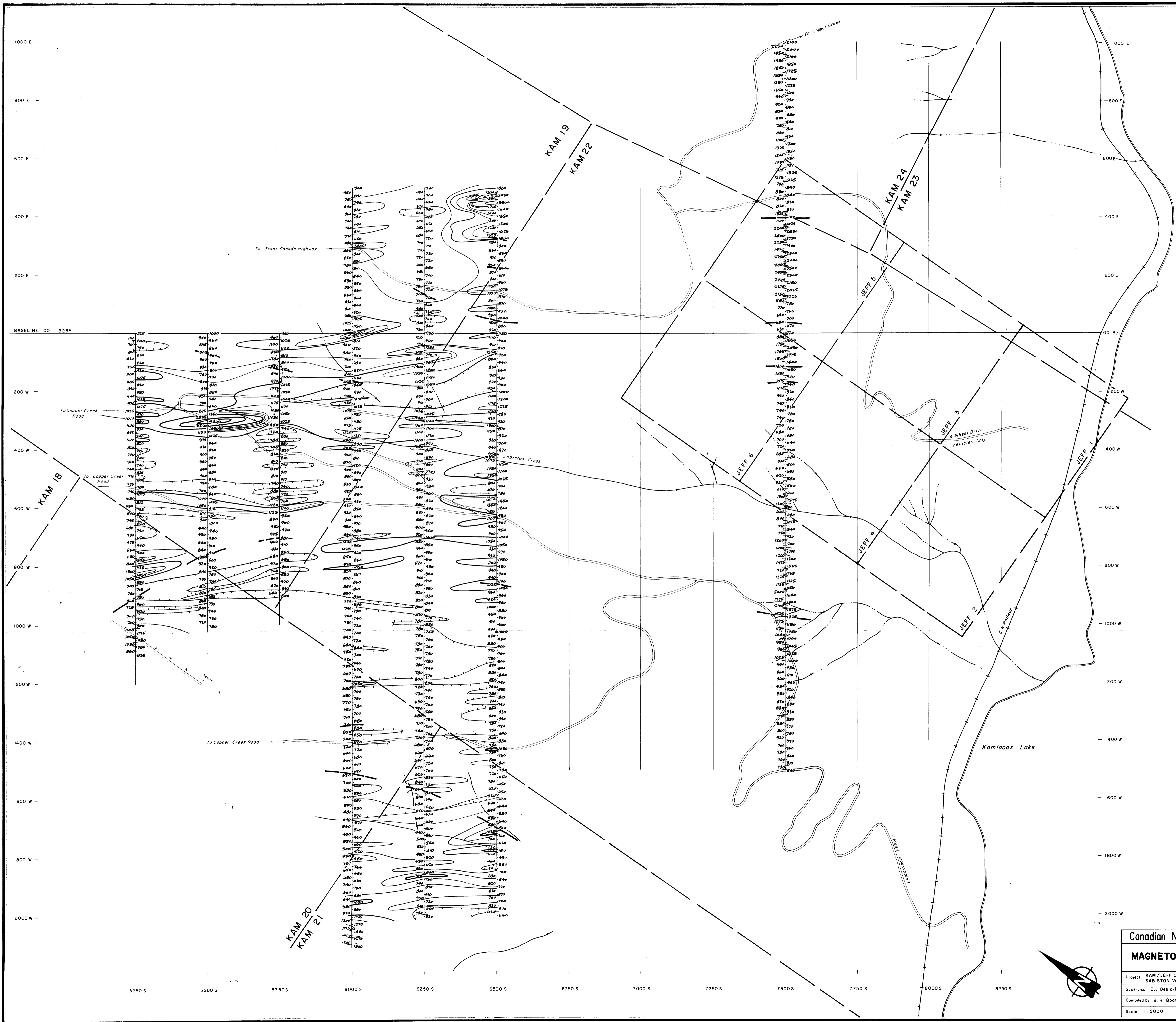
**13,618**  
**PART 2 OF 2**

**LEGEND**

x 5, .1, 2, 2, 90 Sample site and analytical results  
(Au. ppb., Ag. ppm., As. ppm., Sb. ppm., Hg. ppb.)



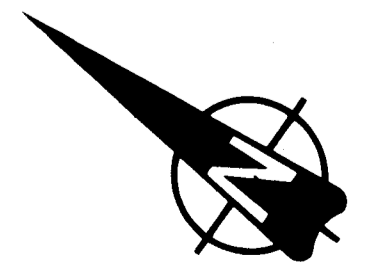
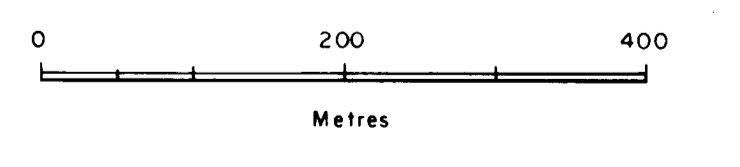
Canadian Nickel Company Limited		Copper Cliff, Ontario POM INO	
<b>ROCK SAMPLE SURVEY GOLD, SILVER, ARSENIC, ANTIMONY MERCURY RESULTS</b>		SHEET	FIGURE <b>7a</b>
Project: KAM CLAIMS, DETAIL AREA 3 NORTH OF SABISTON LAKE		Area: KAMLOOPS, BRITISH COLUMBIA.	
Supervisor: E. J. Debicki	Instrument:	Survey date: August, 1984	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	N.T.S. 92 I 15W	



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

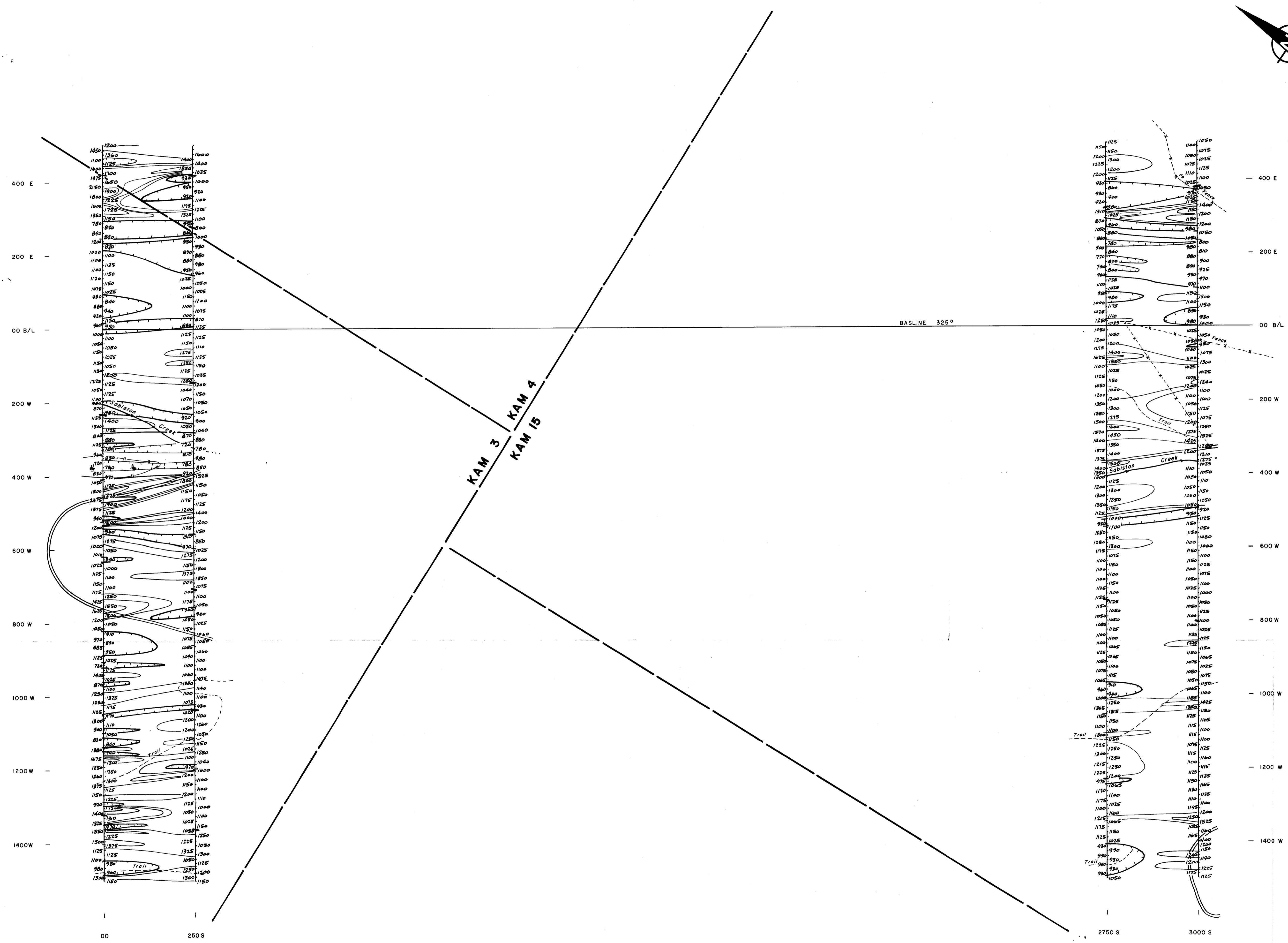
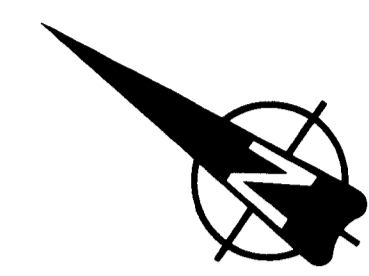
**13,618**  
**PART 2 OF 2**

**LEGEND**  
Magnetic reading in gammas: 4300  
Contour interval: 200 gammas  
Isomagnetic lines: 1000  
800  
RELATIVE LOW



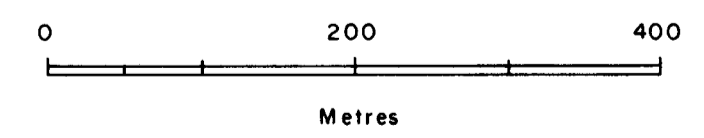
Canadian Nickel Company Limited		Copper Cliff, Ontario	
<b>MAGNETOMETER SURVEY</b>		SHEET	FIGURE
Project: KAM / JEFF CLAIMS, DETAIL AREA 1		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor: E.J. Debricki		Instrument: FLUXGATE MAG (30430)	Survey date: June 1984
Compiled by: B.R. Booth	Drawn by: W. Saffic / D.W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS. 92.1.15W	

5250 S    5500 S    5750 S    6000 S    6250 S    6500 S    6750 S    7000 S    7250 S    7500 S    7750 S    8000 S    8250 S



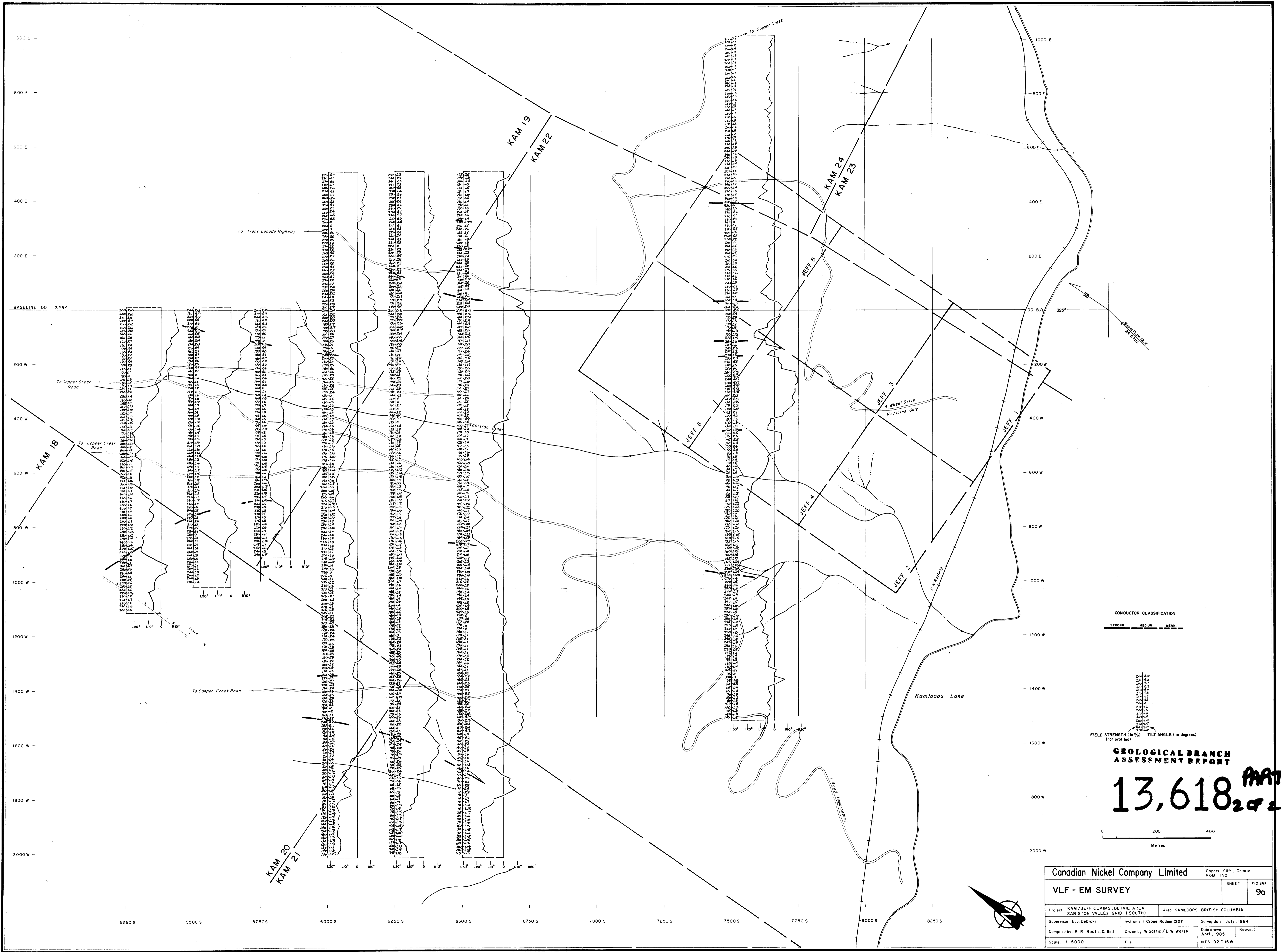
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**  
**PART 2 OF 2**



**LEGEND**  
Magnetic reading in gammas: 1/00  
Contour Interval: 200 gammas  
Isomagnetic lines: 1000  
800  
**RELATIVE LOW**

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1N0	
<b>MAGNETOMETER SURVEY</b>		SHEET	FIGURE
			<b>8b</b>
Project: KAM/JEFF CLAIMS, DETAIL AREA 2 SABISTON VALLEY GRID (NORTH)		Area: KAMLOOPS, BRITISH COLUMBIA.	
Supervisor: E. J. Debicki	Instrument: FLUXGATE MAG (30430)	Survey date: June, 1984.	
Compiled by: B. R. Booth	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985.	Revised:
Scale: 1:5000	File:	N.T.S. 92 115 W	



CONDUCTOR CLASSIFICATION  
 STRONG MEDIUM WEAK

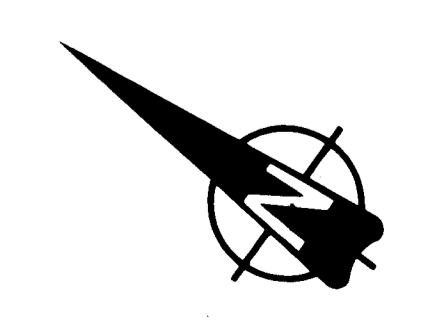
FIELD STRENGTH (in %) TILT ANGLE (in degrees)  
 (not profiled)

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

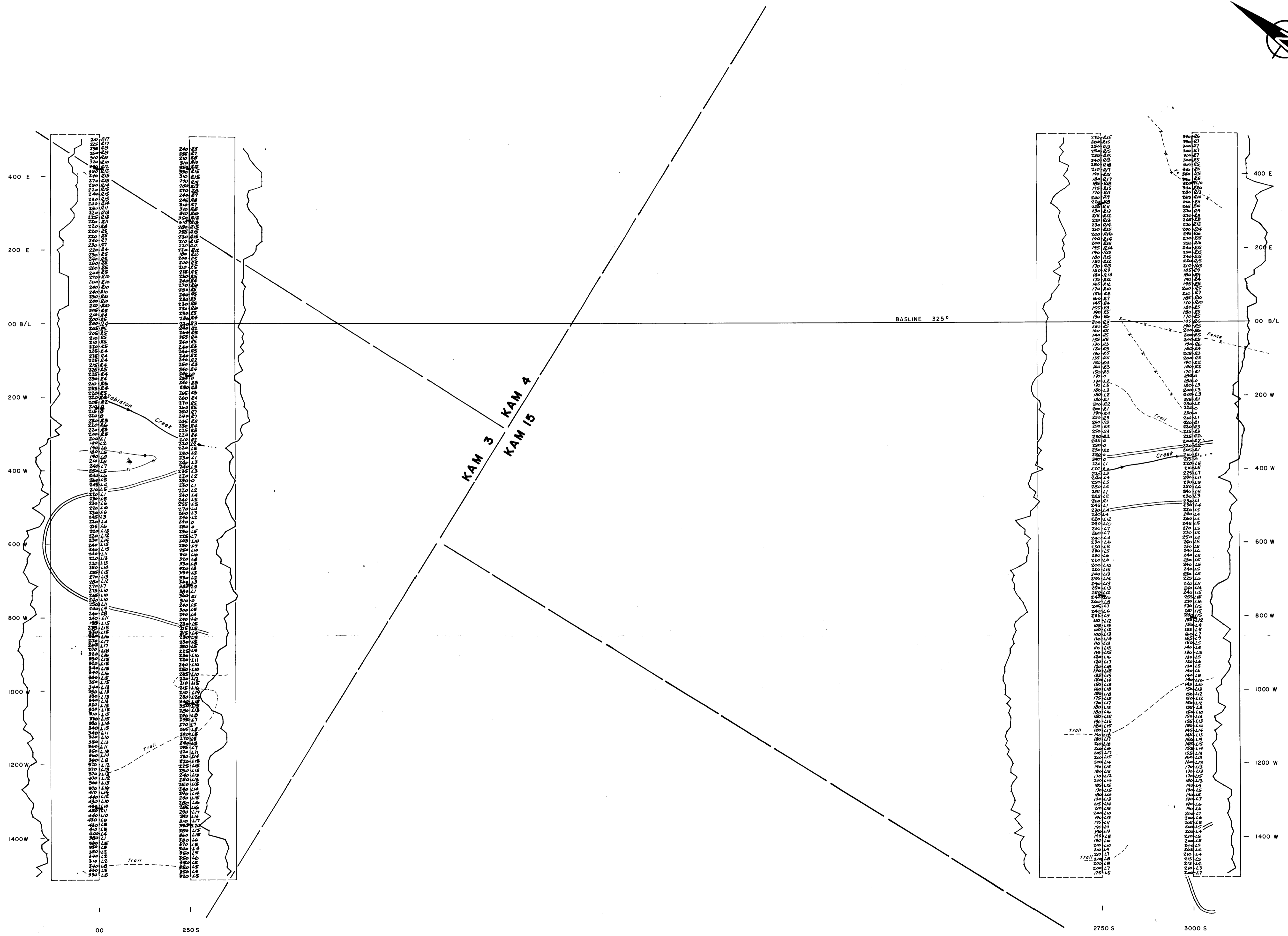
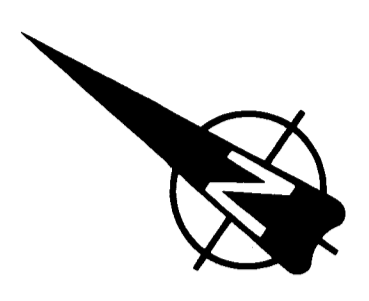
**13,618 PART 2 of 2**

0 200 400  
 Metres

Canadian Nickel Company Limited		Copper Cliff, Ontario	
VLF - EM SURVEY		SHEET	FIGURE
Project: KAM/JEFF CLAIMS, DETAIL AREA I SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	9a
Supervisor: E. J. Debicki	Instrument: Crane Rodem (227)	Survey date: July, 1984	
Compiled by: B. R. Booth, C. Bell	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS. 92.115W	

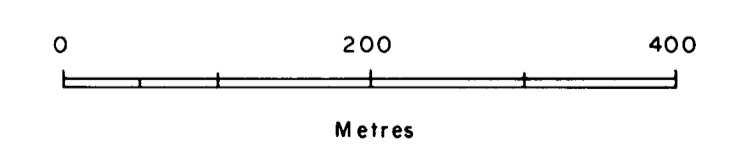




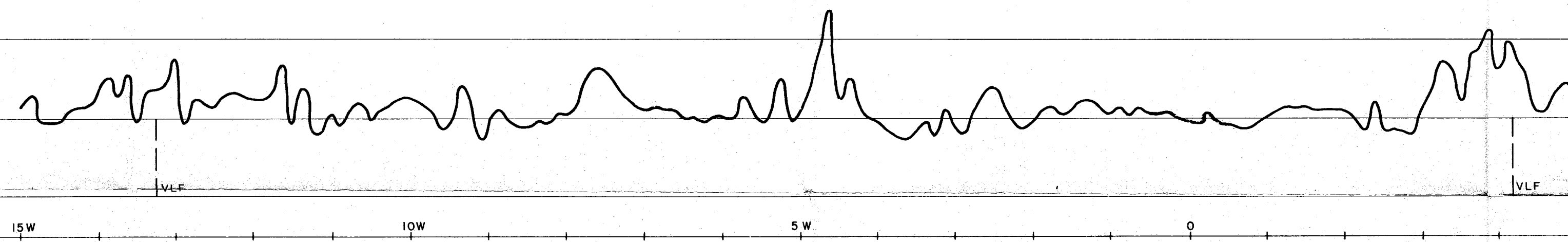


**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618** **PART**  
**2 OF 2**



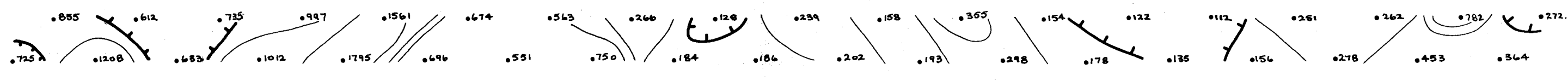
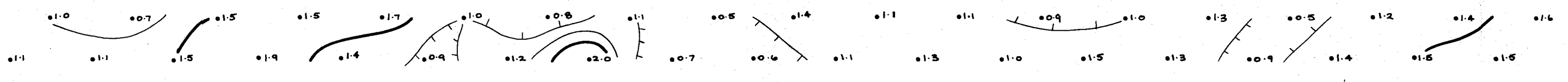
Canadian Nickel Company Limited		Copper Cliff, Ontario	
VLF - EM SURVEY		SHEET	FIGURE
Project: KAM / JEFF CLAIMS, DETAIL AREA 2		Area: KAMLOOPS, BRITISH COLUMBIA	
SABISTON VALLEY GRID (NORTH)			
Supervisor: E. J. Debicki	Instrument: Crone Radem (227)	Survey date: July, 1984	
Compiled by: B. R. Booth, C. Bell	Drawn by: W. Saffic / D. W. Walsh	Date drawn: April, 1985	Revised:
Scale: 1:5000	File:	NTS: 92115W	



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**  
APPARENT FREQUENCY EFFECT: %

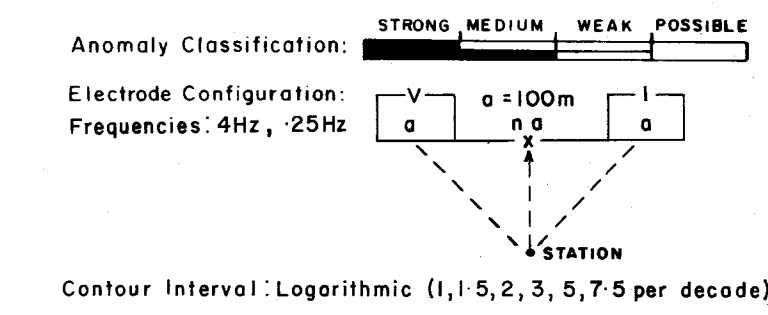
**PART 2 OF 2**



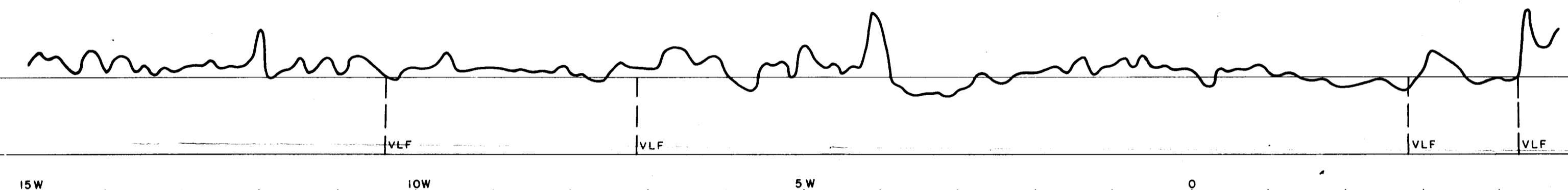
MAGNETIC PROFILE (FLUXGATE)  
100 m

APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
INDUCED POLARIZATION AND RESISTIVITY			LINE NUMBER 00
Project: OKANAGAN(KAM CLAIMS) Area: KAMLOOPS B.C.			Azimuth: 055°
Supervisor: E.J. Debecki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE	Revised:
Crew: Contract	Date drawn: Feb / 85	File:	NTS. 92 1 15
Scale: 1:5000			

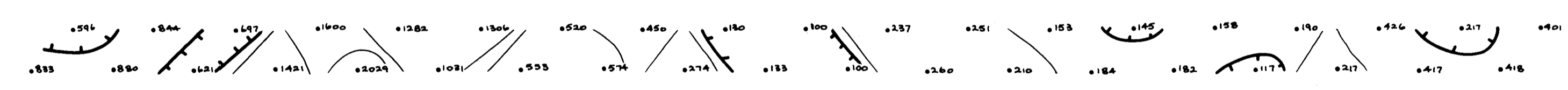
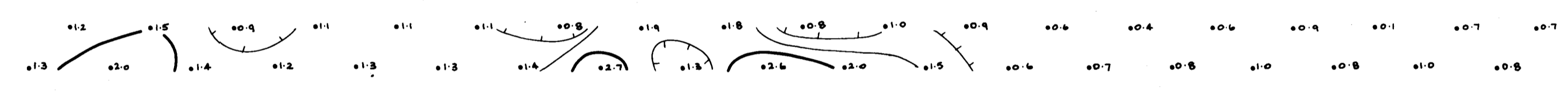


MAGNETIC PROFILE (FLUXGATE)  
100 m

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

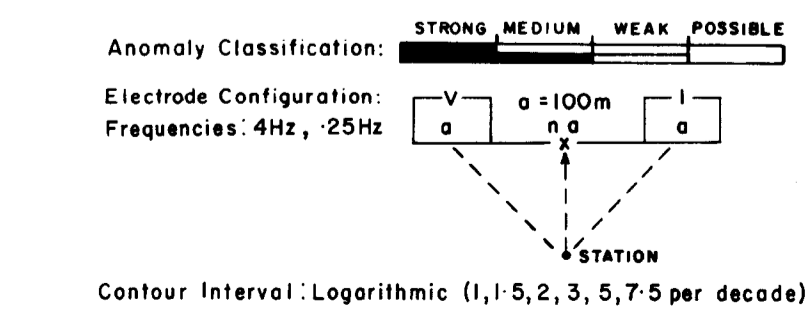
**13,618**  
APPARENT FREQUENCY EFFECT: %

**PART 2 OF 2**



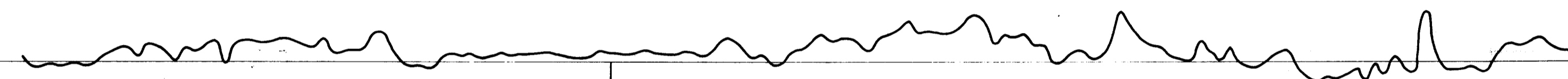
APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega$ m

APPARENT METAL FACTOR



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1N0	
INDUCED POLARIZATION AND RESISTIVITY			LINE NUMBER 250 S
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E.J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C.B. Satchelle	Date drawn: Feb / 85	Revised:
Crew: Contract	Scale: 1:5000	File:	NTS. 92 1 15

FIGURE 10b



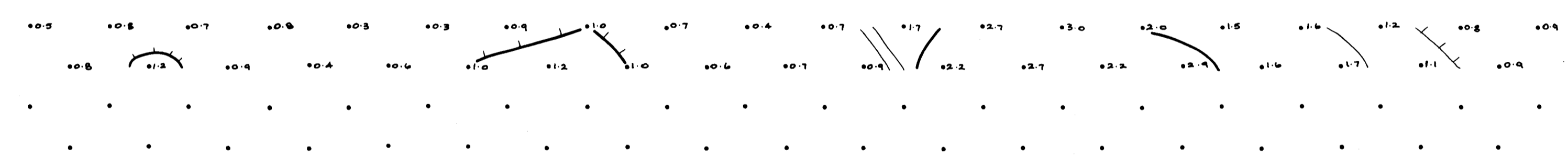
MAGNETIC PROFILE (FLUXGATE)  
100 m

15W 10W 5W 0 5E

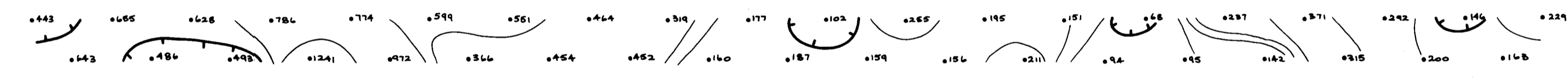
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**

APPARENT FREQUENCY EFFECT: %

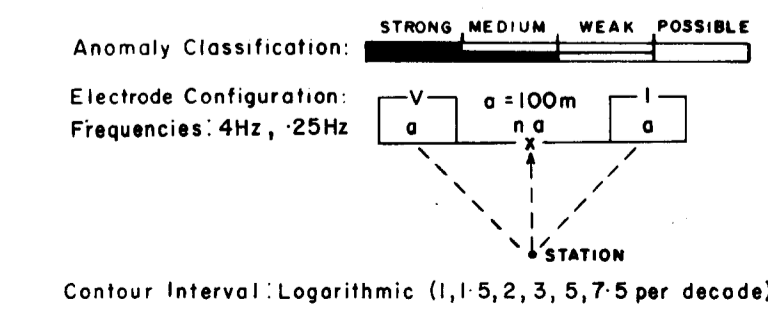


**PART 2 OF 2**

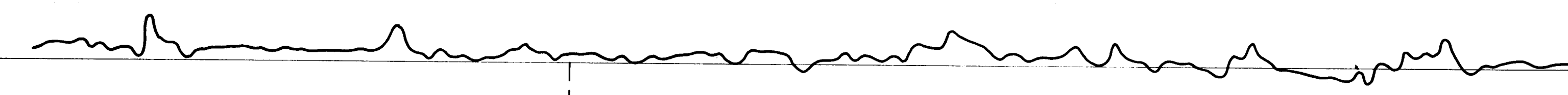


APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR

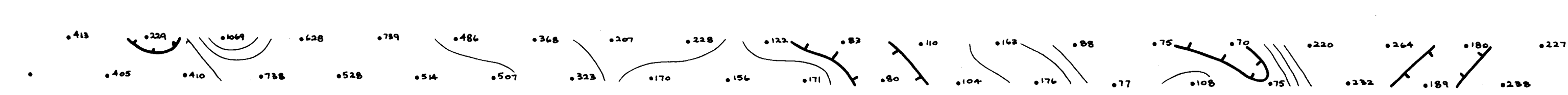
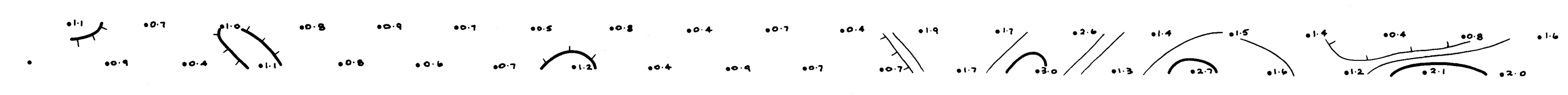


Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
INDUCED POLARIZATION AND RESISTIVITY		LINE NUMBER 2750S	
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E.J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C. B. Satchell	Array: DIPOLE-DIPOLE	Date drawn: Feb / 85
Crew: Contract	Scale: 1:5000	File:	Revised:
			NTS. 92 1 15



15W 10W 5W 0 5E

MAGNETIC PROFILE (FLUXGATE) 100 m



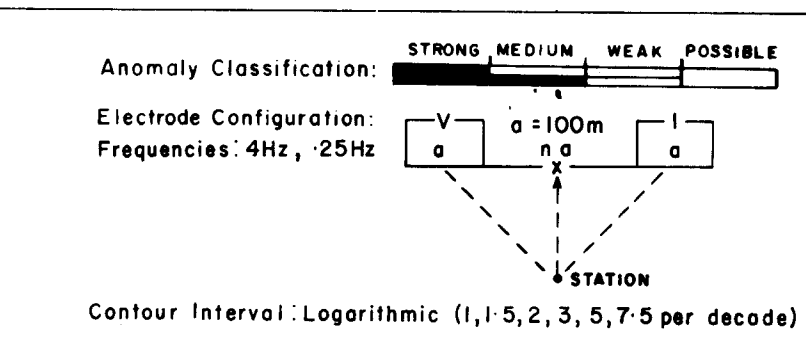
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**  
APPARENT FREQUENCY EFFECT: %

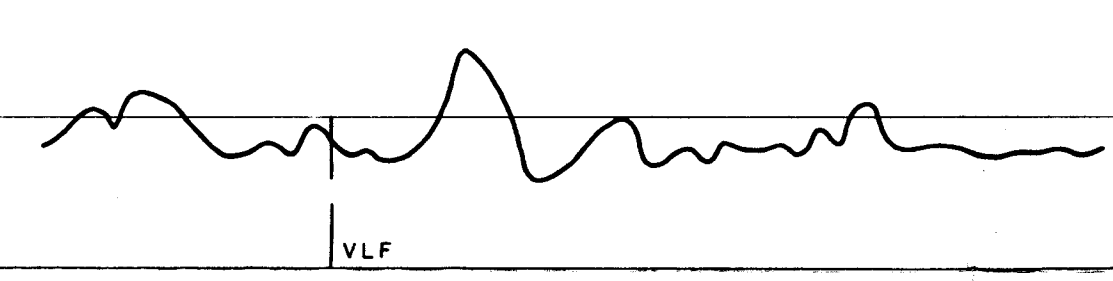
**PART 2 OF 2**

APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR



Canadian Nickel Company Limited		Copper Cliff, Ontario	
INDUCED POLARIZATION AND RESISTIVITY		POM 110	
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E.J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Doggett	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE	Revised:
Crew: Contract	File:	Date drawn: Feb / 85	NTS: 92   15
Scale: 1:5000			



MAGNETIC PROFILE (FLUXGATE)  $\gamma$   
100 m

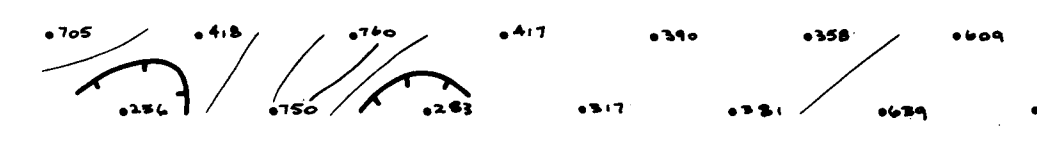
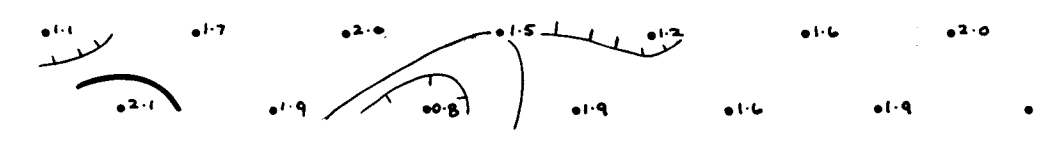
15W 10W 5W 0

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**

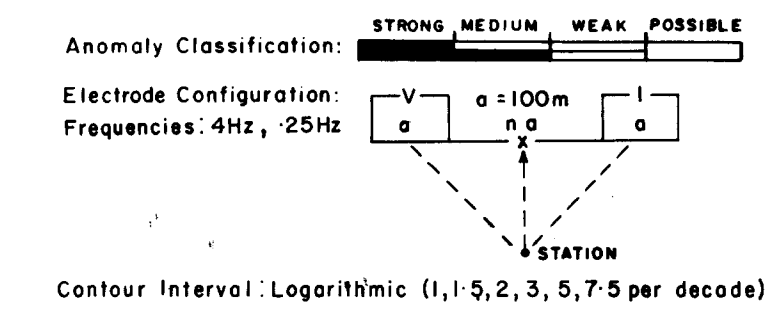
APPARENT FREQUENCY EFFECT: %

**PART 2 OF 2**

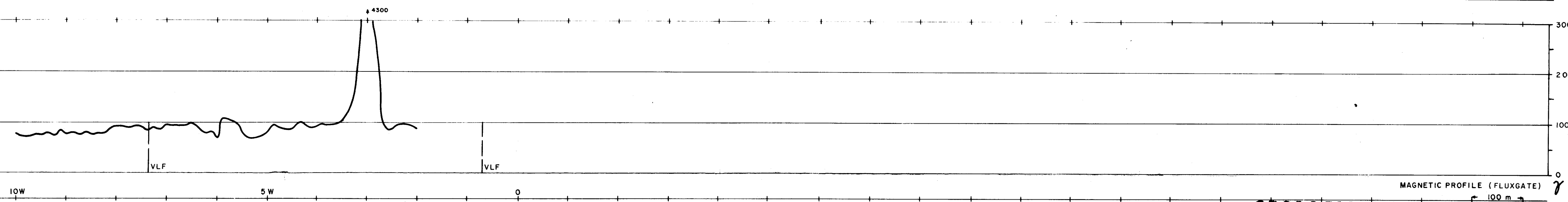


APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR



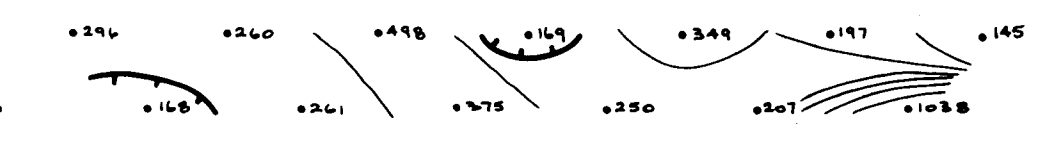
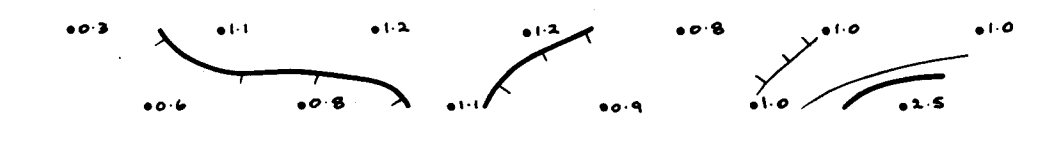
Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1N0	
INDUCED POLARIZATION AND RESISTIVITY			LINE NUMBER <b>5250S</b>
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E.J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C. B. Satchelle	Date drawn: Feb / 85	Revised:
Crew: Contract	Scale: 1:5000	File:	NTS. 92 1 15



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**

**PART 2 OF 2**



MAGNETIC PROFILE (FLUXGATE)

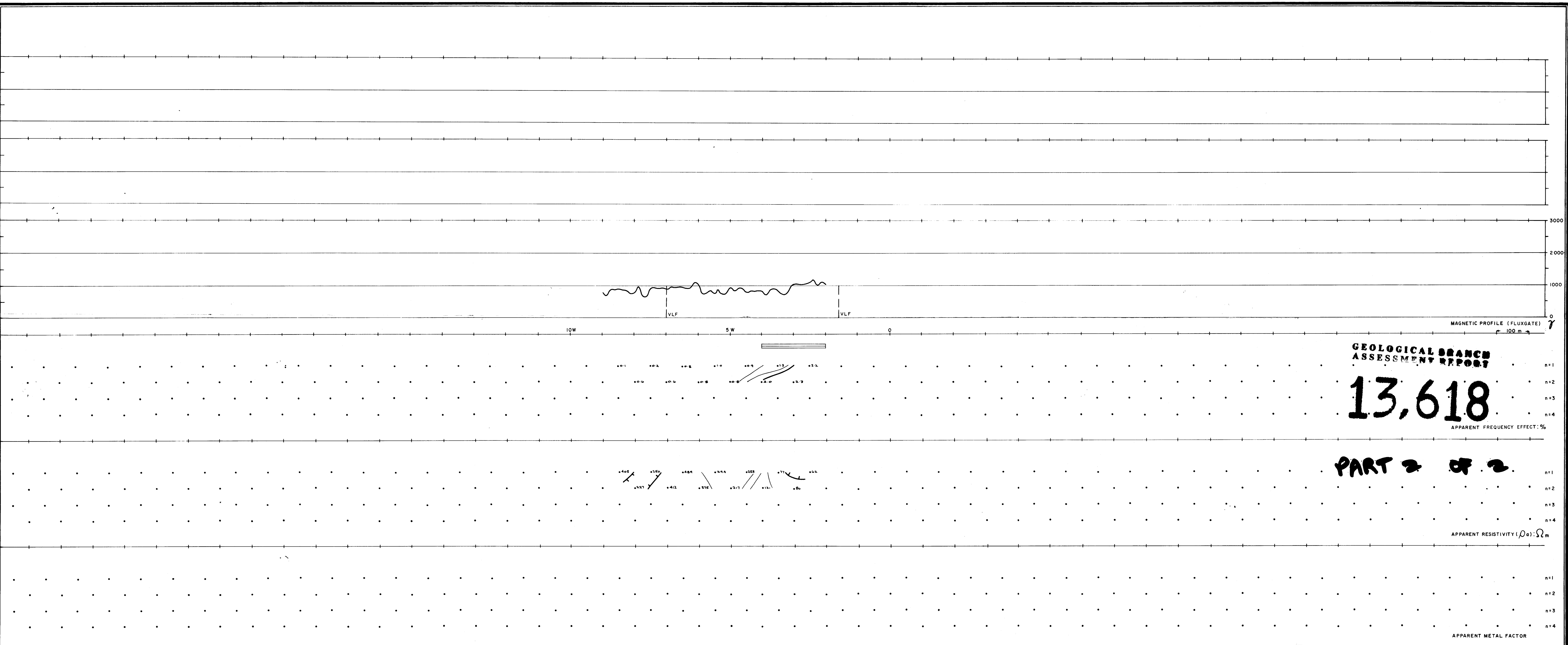
APPARENT FREQUENCY EFFECT: %

APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR

Anomaly Classification: **STRONG** MEDIUM WEAK POSSIBLE  
 Electrode Configuration:   
 Frequencies: 4Hz, 25Hz  
 Contour Interval: Logarithmic (1, 1.5, 2, 3, 5, 7.5 per decade)

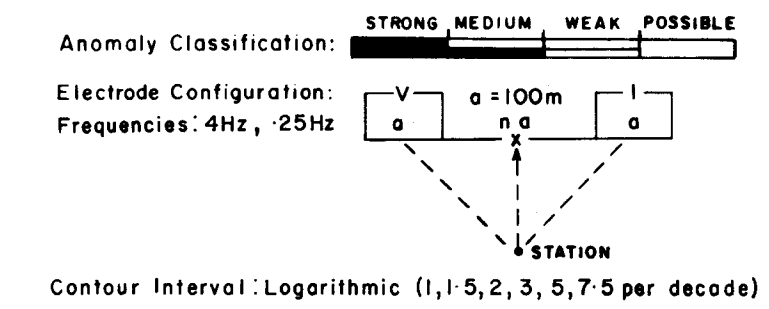
Canadian Nickel Company Limited		Copper: CHH, Ontario
INDUCED POLARIZATION AND RESISTIVITY		LINE NUMBER: 5500S
Project: OKANAGAN(KAM CLAIMS) Area: KAMLOOPS B.C.		Azimuth: 055°
Supervisor: E. J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY
Party Leader: D. Daggett	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE
Crew: Contract	Date drawn: Feb / 85	Survey date: June / 84
Scale: 1:5000	File:	Revised:
		NTS. 92 1 15



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**

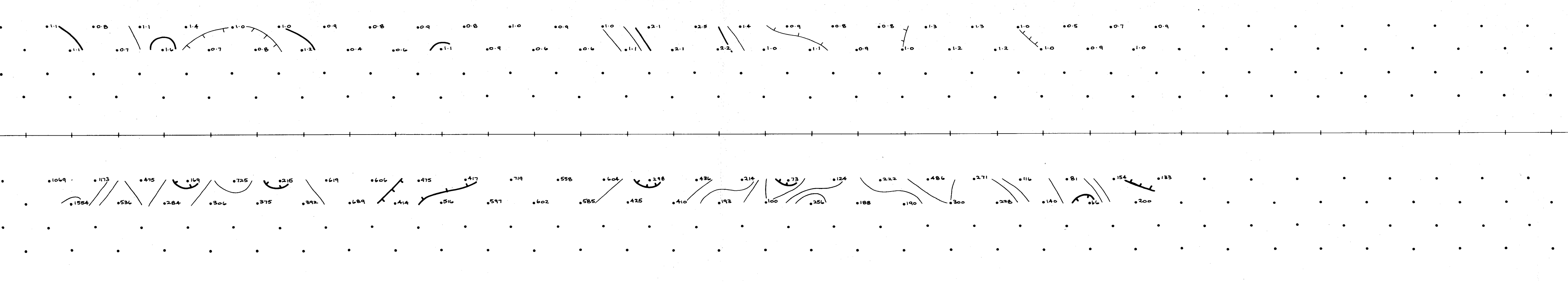
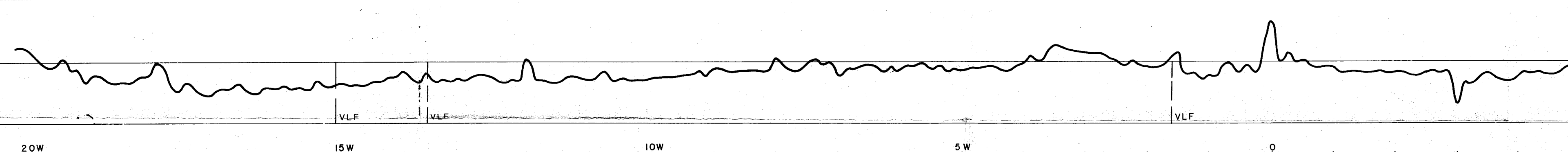
**PART 2 OF 2**



Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
INDUCED POLARIZATION AND RESISTIVITY			LINE NUMBER 5750S
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E. J. Debicki	Instrument: PHOENIX 1PV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggell	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE	Date drawn: Feb / 85
Crew: Contract	Scale: 1:5000	File:	Revised:
		NTS. 92 1 15	

FIGURE 10 g

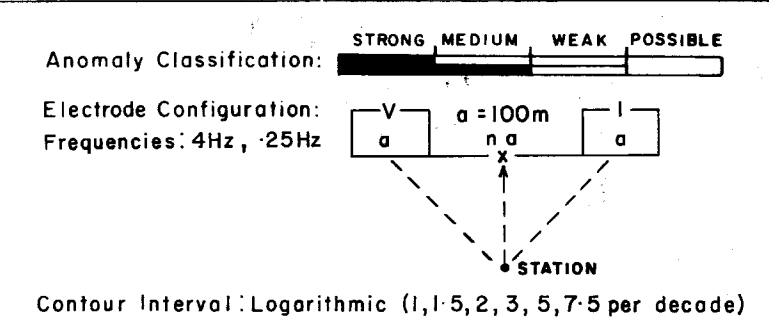




**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

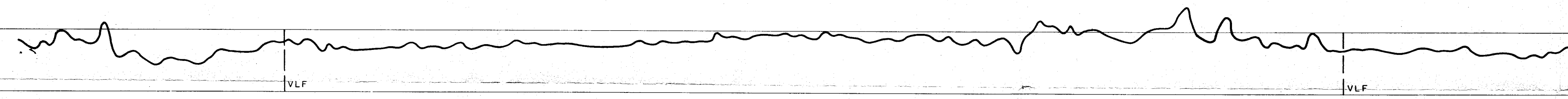
**13,618**  
APPARENT FREQUENCY EFFECT: %

**PART  
2 OF 2**



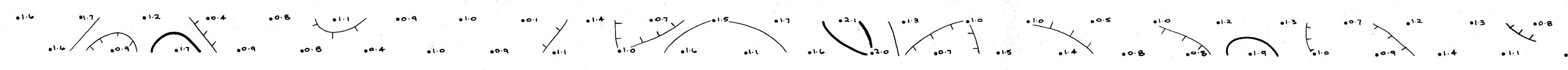
Canadian Nickel Company Limited		Copper Cliff, Ontario	
INDUCED POLARIZATION AND RESISTIVITY		POM 1ND	
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E. J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE	Revised:
Crew: Contract	File:	Date drawn: Feb / 85	NTS: 92 1 15
Scale: 1:5000			

FIGURE 10 h



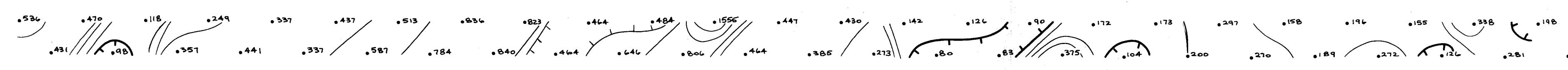
20W 15W 10W 5W 0 5E

MAGNETIC PROFILE (FLUXGATE)  $\gamma$



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

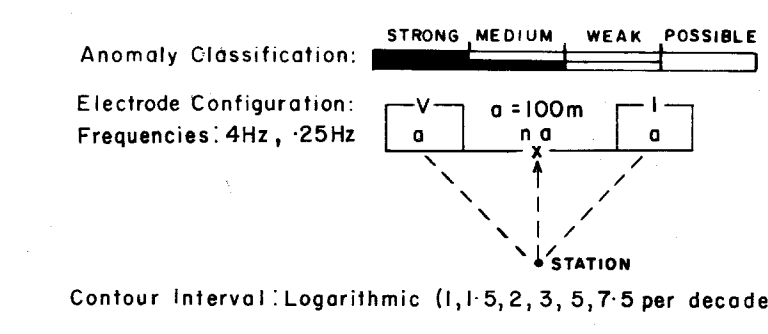
**13,618**  
APPARENT FREQUENCY EFFECT: %



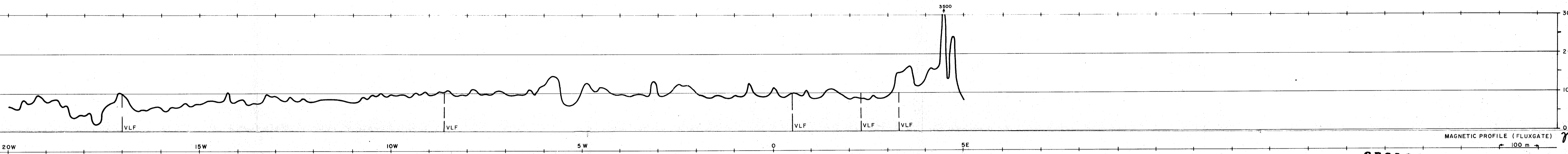
**PART  
2 OF 2**

APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR



Canadian Nickel Company Limited		Copper Cliff, Ontario	
INDUCED POLARIZATION AND RESISTIVITY		LINE NUMBER 6250S	
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E.J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C. B. Solchelle	Array: DIPOLE-DIPOLE	Revised:
Crew: Contract	Scale: 1:5000	Date drawn: Feb / 85	File: NTS 92 1 15

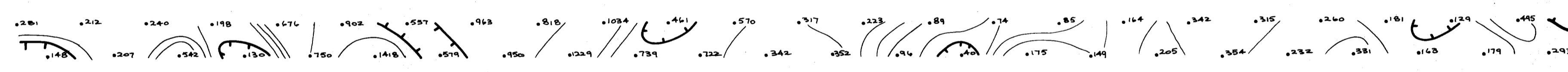
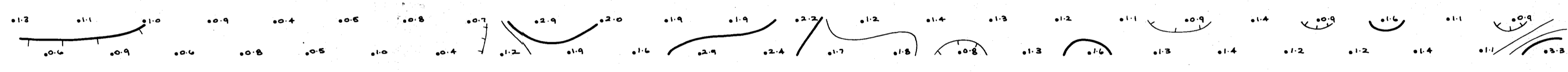


**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**

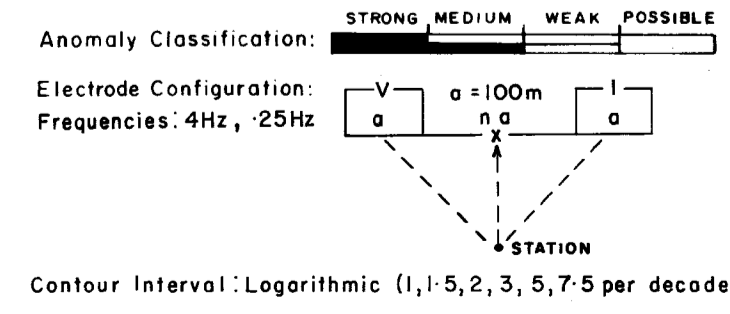
APPARENT FREQUENCY EFFECT: %

**PART 2 OF 2**



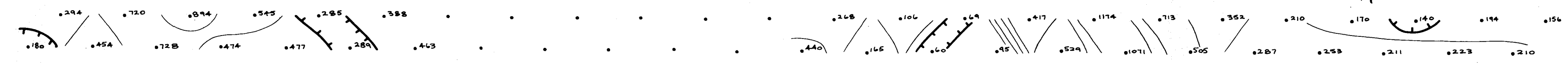
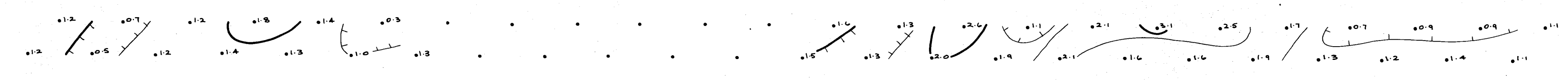
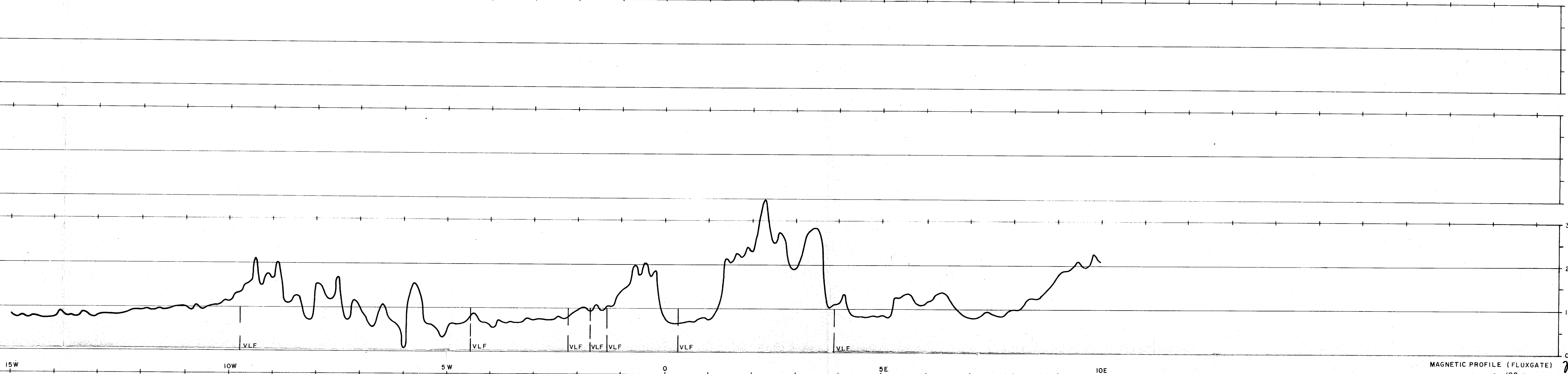
APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

APPARENT METAL FACTOR



Canadian Nickel Company Limited		Copper Cliff, Ontario	
INDUCED POLARIZATION AND RESISTIVITY		LINE NUMBER 6500S	
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E.J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Partly Leader: D. Daggett	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE	Revised:
Crew: Contract	File:	Date drawn: Feb / 85	
Scale: 1:5000		File:	NTS. 92 1 15

FIGURE 10j



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

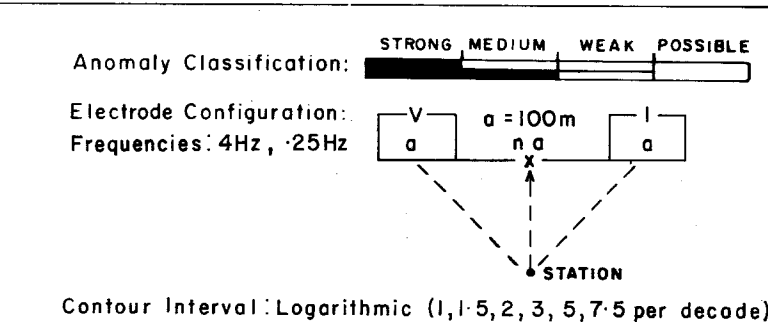
13,618

PART 2 OF 2

MAGNETIC PROFILE (FLUXGATE) 7  
100 m

APPARENT RESISTIVITY ( $\rho_a$ ):  $\Omega_m$

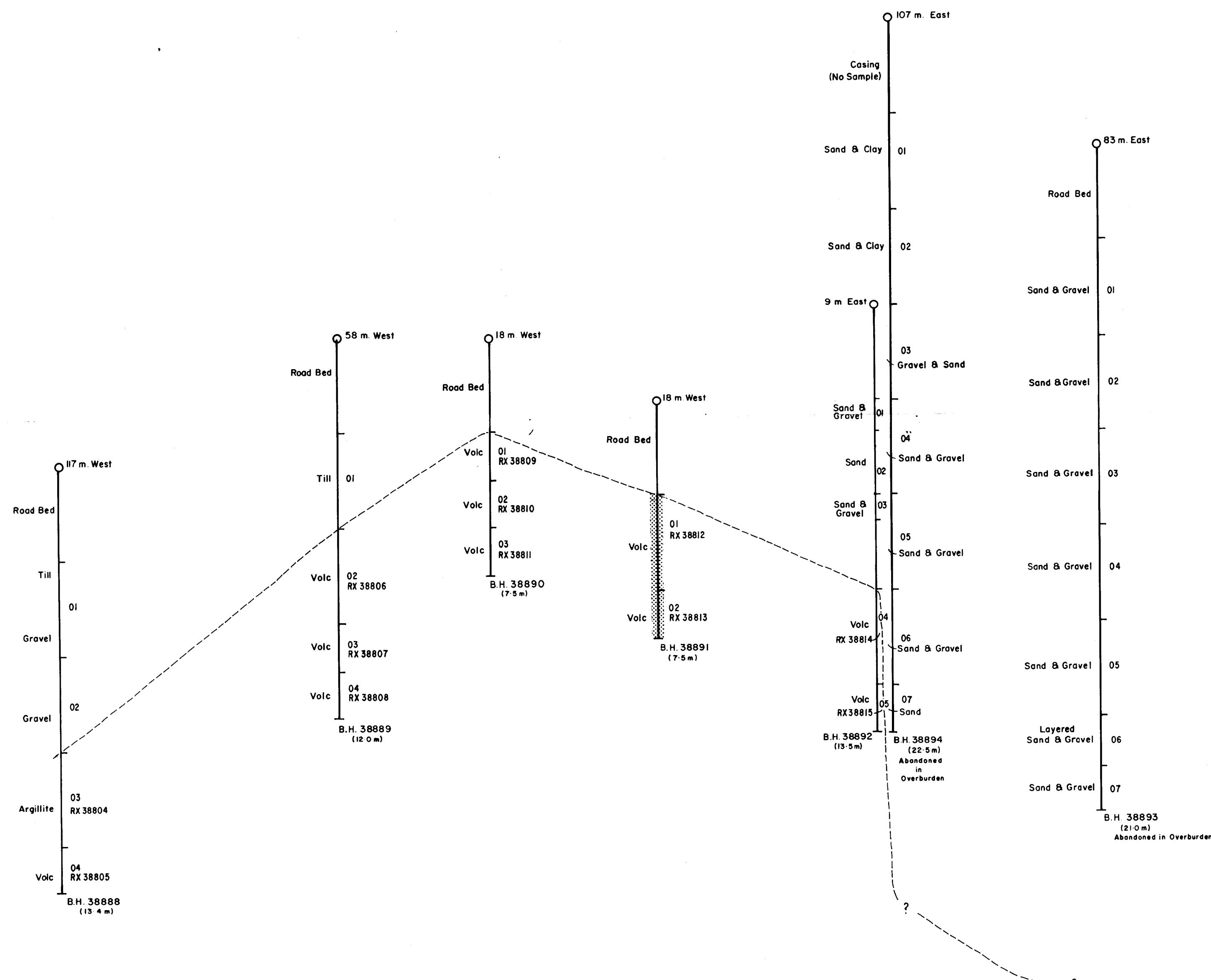
APPARENT METAL FACTOR



Canadian Nickel Company Limited		Copper Cliff, Ontario	
INDUCED POLARIZATION AND RESISTIVITY		PDM (NO)	
Project: OKANAGAN(KAM CLAIMS)		Area: KAMLOOPS B.C.	
Supervisor: E. J. Debicki	Instrument: PHOENIX IPV-1	Domain: FREQUENCY	Survey date: June / 84
Party Leader: D. Daggett	Drawn by: C. B. Satchelle	Array: DIPOLE-DIPOLE	Revised:
Crew: Contract	Scale: 1:5000	Date drawn: Feb / 85	File: N.T.S. 92115
LINE NUMBER: 7500S		Azimuth: 055°	

SOUTH

NORTH



755 Elevation  
Metres Above Sea Level

750

745

740

735

730

LEGEND

- Fe-Carbonate Alteration
- 03 --- FIELD SAMPLE NUMBER
- RX 38814 --- CORRESPONDING LABORATORY ANALYSIS NUMBER

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**13,618**

**PART 2 OF 2**

5800 S

5700 S

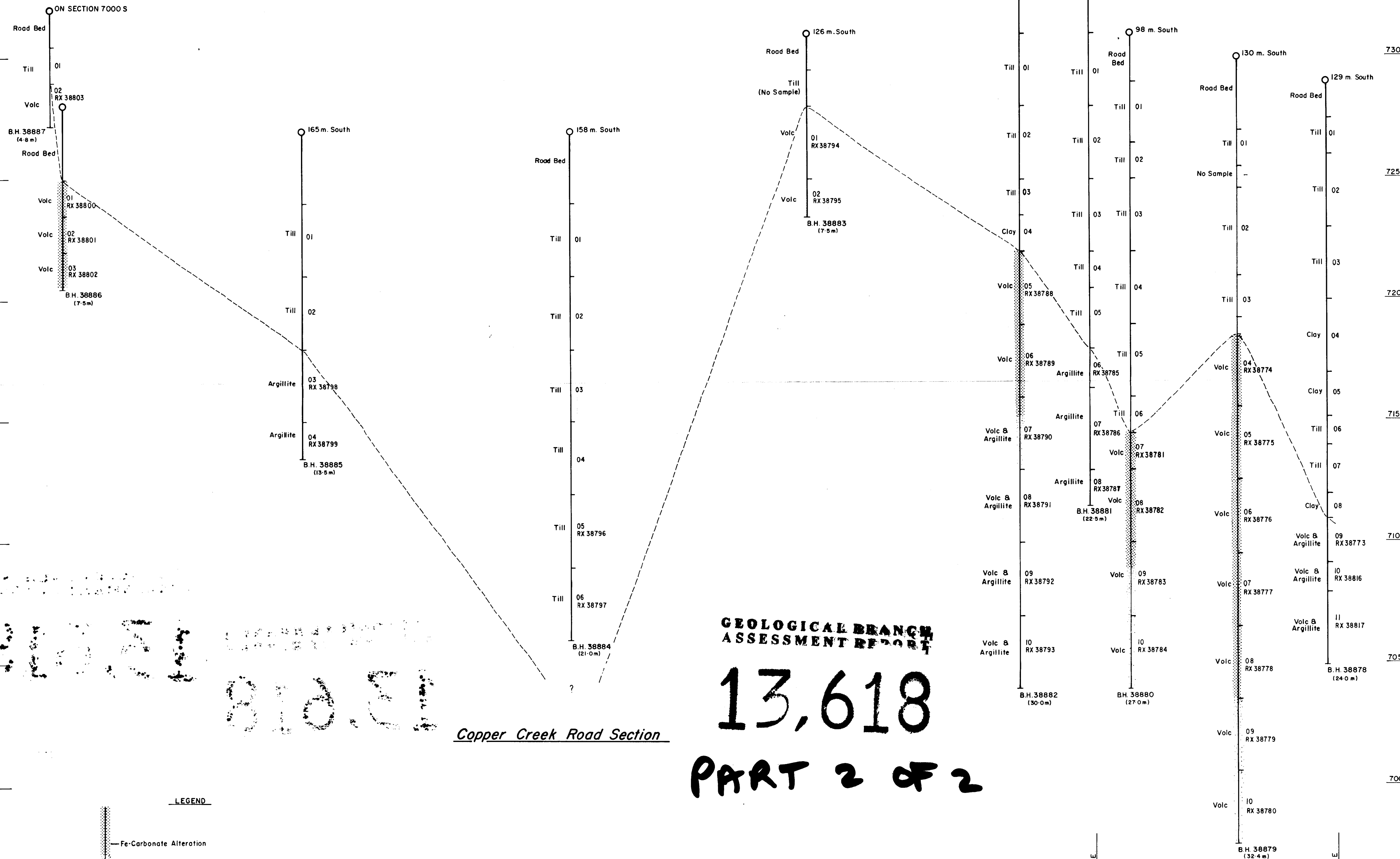
5600 S

5500 S

Canadian Nickel Company Limited		Copper Cliff, Ontario POM 1NO	
PERCUSSION DRILL HOLES — FENCE DIAGRAM			SHEET
Section 300 W. at 325° (Looking West) B.H.38888 - 38394			FIGURE <b>11b</b>
Project KAM/JEFF CLAIMS, DETAIL AREA I SABISTON VALLEY GRID (SOUTH)		Area: KAMLOOPS, BRITISH COLUMBIA	
Supervisor E. J. Debicki	Instrument	Survey date:	
Compiled by	Drawn by Ron Johnson	Date drawn: April, 1985	Revised:
Scale Vertical 1:100 Horizontal 1:1000	File	N.T.S. 9.2 I 15W	

WEST

EAST



810.31

Copper Creek Road Section

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

13,618

PART 2 OF 2

LEGEND

- Fe-Carbonate Alteration
- 03 — FIELD SAMPLE NUMBER
- RX 38803 — CORRESPONDING LABORATORY ANALYSIS NUMBER

Canadian Nickel Company Limited		Copper Cliff, Ontario P.O. Box 110	
PERCUSSION DRILL HOLES — FENCE DIAGRAM			SHEET
Section 7000 S. (Looking North) B.H. 38878 to 38887			FIGURE 11a
Project KAM/JEFF CLAIMS, DETAIL AREA 1 SABISTON VALLEY GRID (SOUTH)		Area KAMLOOPS, BRITISH COLUMBIA	
Supervisor E. J. Debicki	Instrument	Survey date	
Compiled by	Drawn by Ron Johnson	Date drawn April, 1985	Revised.
Scale Vertical 1:100 Horizontal 1:1000	File	N.T.S. 92 I 15 W	