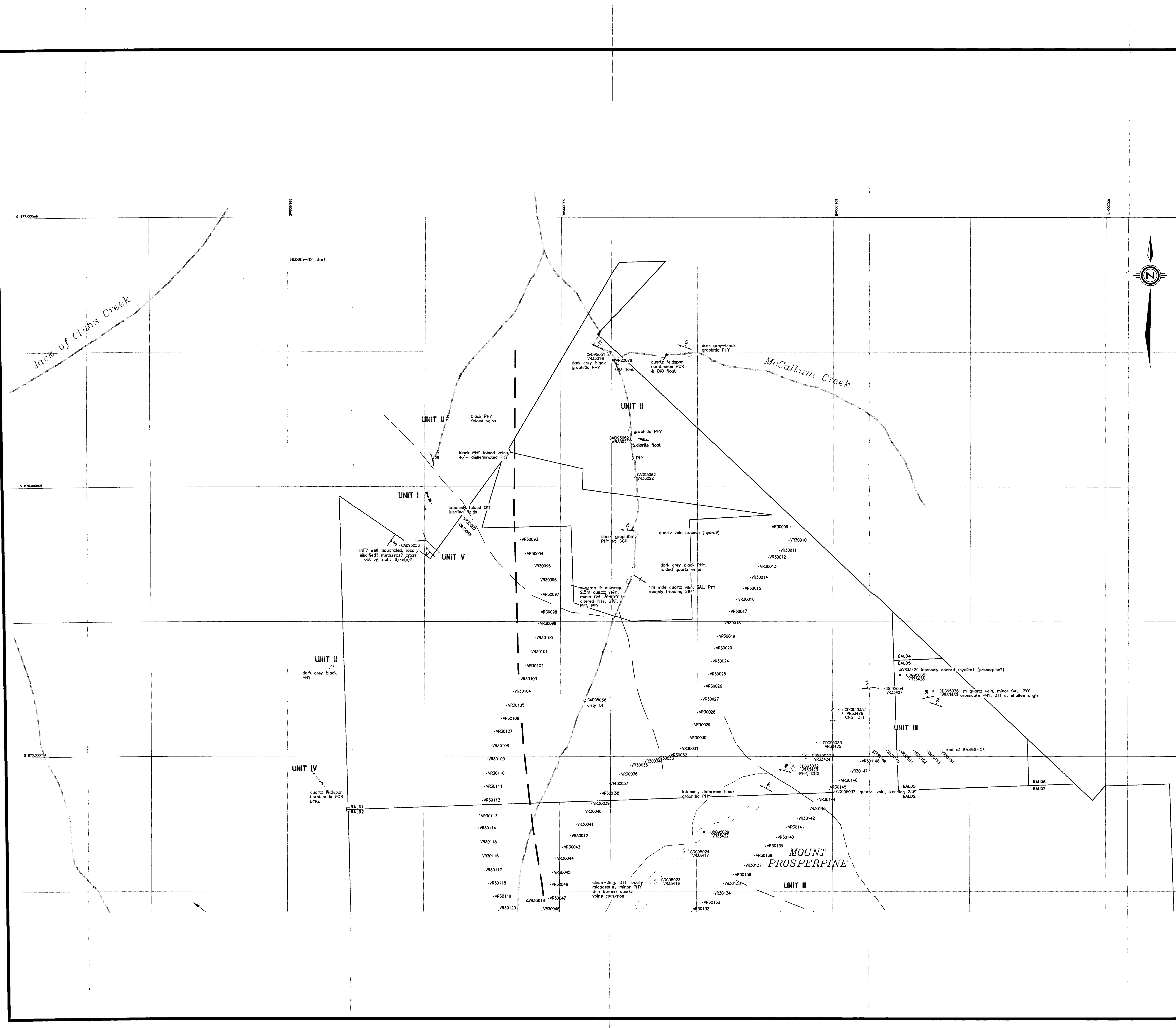


24459

part 2 of 2

Maps Only

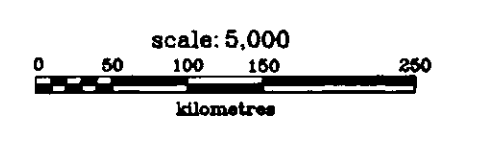


- UNIT I** dominantly quartzite
- UNIT II** dominantly graphitic pelite
- UNIT III** interlayered phyllite, phyllitic quartzite, meta-siltstone meta-conglomerate
- UNIT IV** qtz-hbl-plag phyruc andesite
- UNIT V** hbl-plag microdiorite
- UNIT VI** rhyolite

- outcrop
- subcrop
- float
- geological contact: defined, approximate, inferred
- fault
- KCI claim line

- CD95009/CD95103 field station
- VR33407 rock sample from outcrop
- VR33409 rock sample from float
- VR30168 soil sample
- VR30080 fine fraction stream sediment sample
- ↗ bedding parallel to cleavage S01: inclined
- ↘ cleavage, S1: inclined
- ↘ cleavage, S2: inclined
- ▬ dyke: inclined
- ▬ joint: inclined
- ▬ vein: inclined, vertical
- ▬ minor fold, inclined: fold, S-fold, M-fold
- ▬ minor fold, horizontal: M-fold
- ⊗ antiform
- ⊗ synform
- ⊞ claim post
- river, creek
- CNG conglomerate
- GRAN granule
- GRAPH graphitic
- MIC micaceous
- PHY phyllite
- QTT quartzite
- SCH schist
- STT sillite
- GAL galena
- PYT pyrrhotite
- PYY pyrite

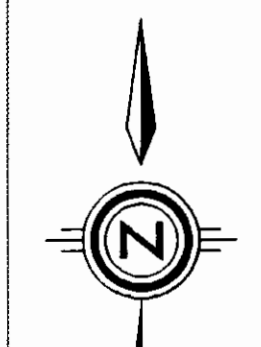
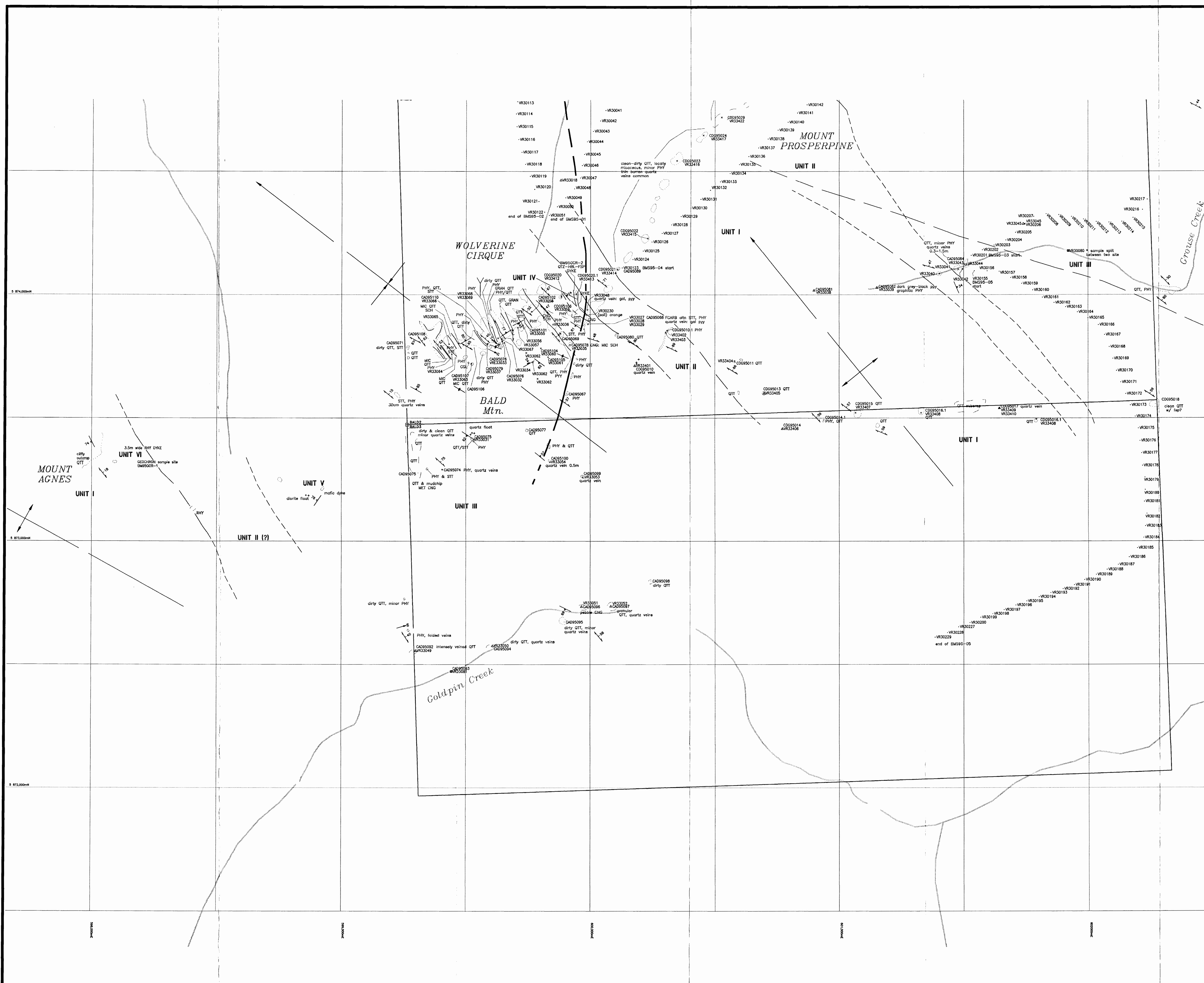
24,459  
 GEOLOGICAL SURVEY BRANCH  
 ASSESSMENT REPORT



**Kennecott Canada Inc.**  
 Vancouver

**CARIBOO**  
**BALD MOUNTAIN (NORTH)**  
**CLAIMS and GEOLOGY**  
**BRITISH COLUMBIA, CANADA**

NTS: 93A/13,14 93H/3,4 Projection: UTM Drawn by: HO  
 Date: 11/01/96 Author: AD  
 File: 5BAGE0 Scale: 1:5000 Figure 4A

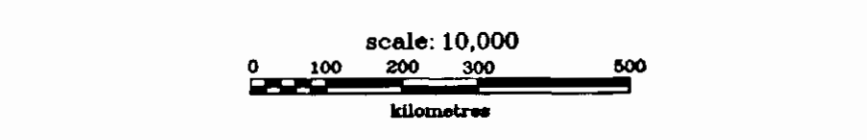


- UNIT I dominantly quartzite
- UNIT II dominantly graphitic pelite
- UNIT III interlayered phyllite, phyllitic quartzite, meta-siltstone meta-conglomerate
- UNIT IV qtz-hbl-plag phyrlic andesite
- UNIT V hbl-plag microdiortite
- UNIT VI rhyolite

- outcrop
- subcrop
- float
- geological contact: defined, approximate, inferred
- fault
- KCI claim line
- CAD9509/CAD95103 field station
- VR33407 rock sample from outcrop
- VR33408 rock sample from float
- VR30168 soil sample
- VR30080 fine fraction stream sediment sample
- bedding parallel to cleavage S01: inclined
- cleavage, S1: inclined
- cleavage, S2: inclined
- dyke: inclined
- joint: inclined
- vein: inclined, vertical
- minor fold, inclined: fold, S-fold, M-fold
- minor fold, horizontal: M-fold
- antiform
- synform
- claim post
- river, creek
- adit
- CNG conglomerate
- GRAN granule
- GRAPH graphite
- MIC micaceous
- PHY phyllite
- QTT quartzite
- SCH schist
- STT siltite
- GAL galea
- PYT pyrrhotite
- PYY pyrite

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GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT



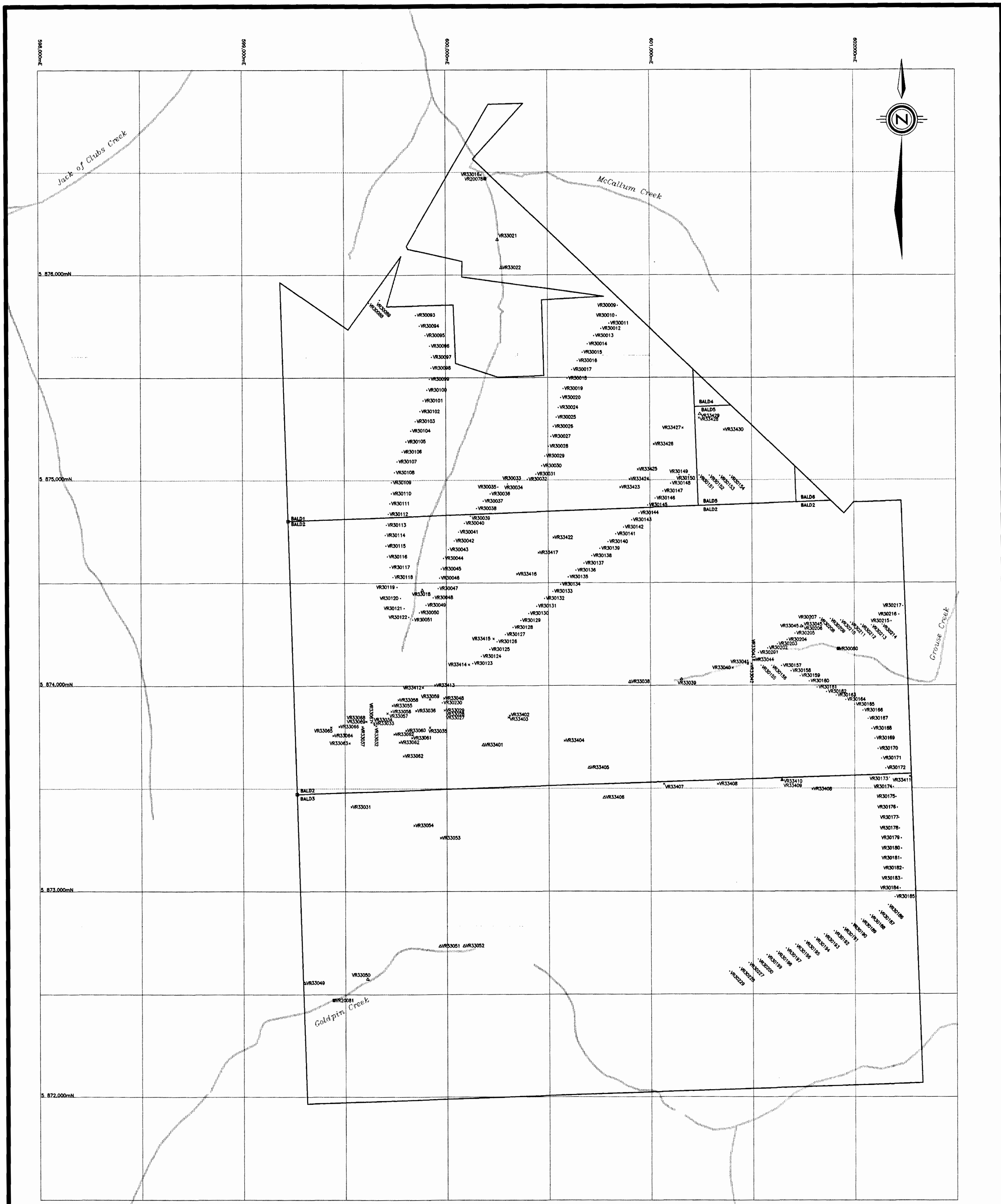
**Kennecott Canada Inc.**  
Vancouver

**CARIBOO**

**BALD MOUNTAIN (SOUTH)  
CLAIMS and GEOLOGY  
BRITISH COLUMBIA, CANADA**

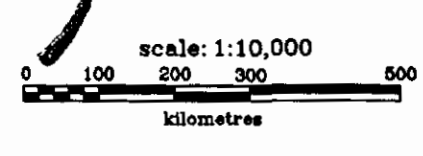
NTS: 53M/13, 14 33M/3, 4 Projection: UTM Drawn by: HD  
Date: 11/07/98 Author: AD  
File: 58A250 Scale: 1:5000 Figure 4B





GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

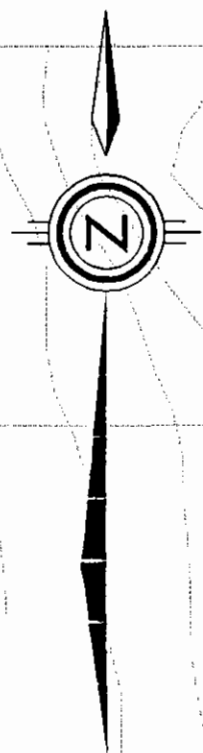
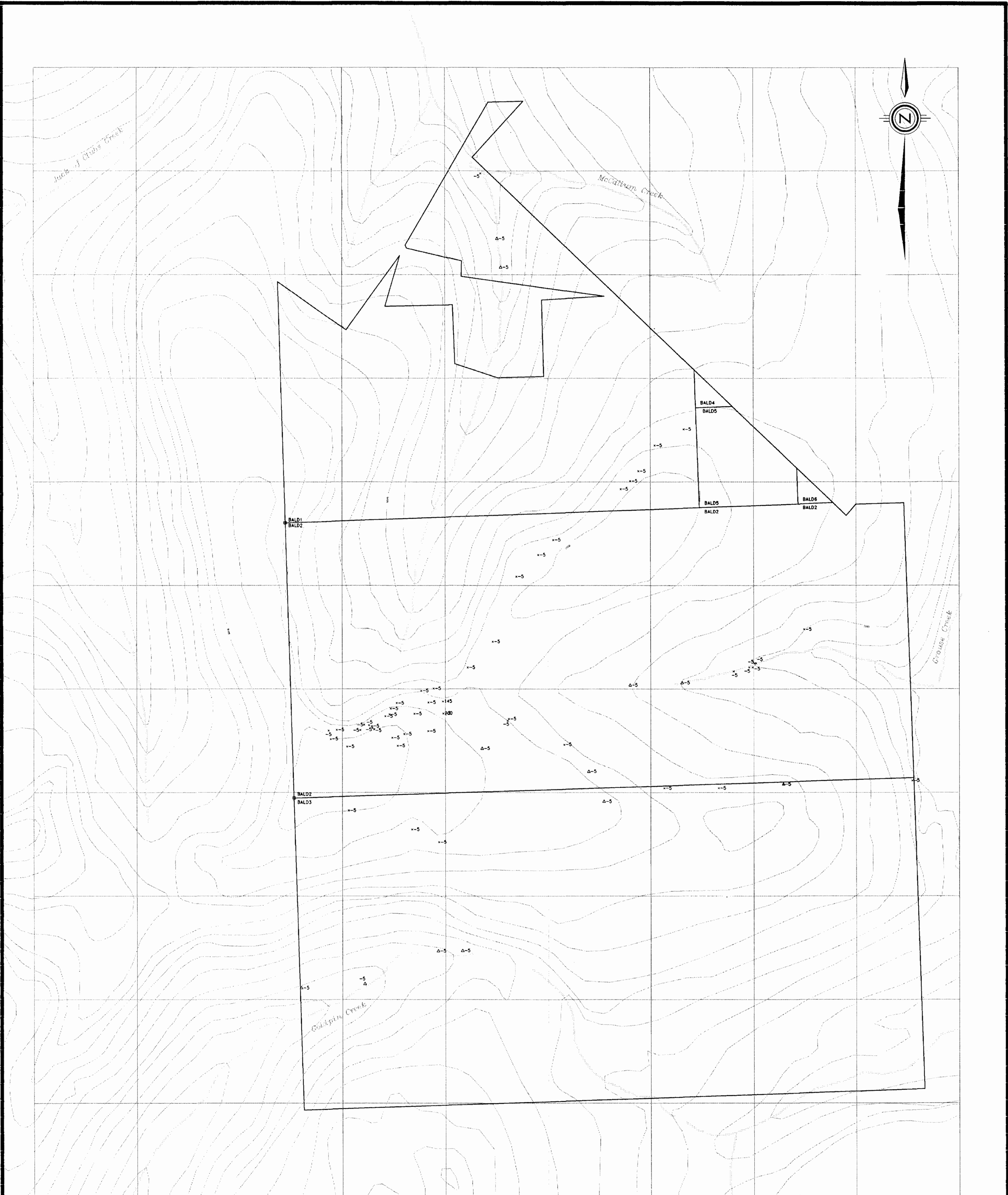
24,459



- VR30048 ROCK SAMPLE LOCATION
- VR30118 SOIL SAMPLE LOCATION
- VR30038 FLOAT SAMPLE LOCATION
- VR30080 STREAM SEDIMENT SAMPLE LOCATION

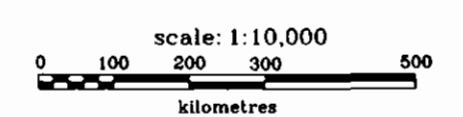
<b>Kennecott Canada Inc.</b> Vancouver		
(3) 7/2		
<b>BALD MOUNTAIN SAMPLE LOCATION MAP</b> BRITISH COLUMBIA, CANADA		
NTS:	Projection: UTM	Drawn by: AJL
Date: 28/03/96	Author: AD	Figure 5
File: 5BASMP	Scale: 1:10,000	





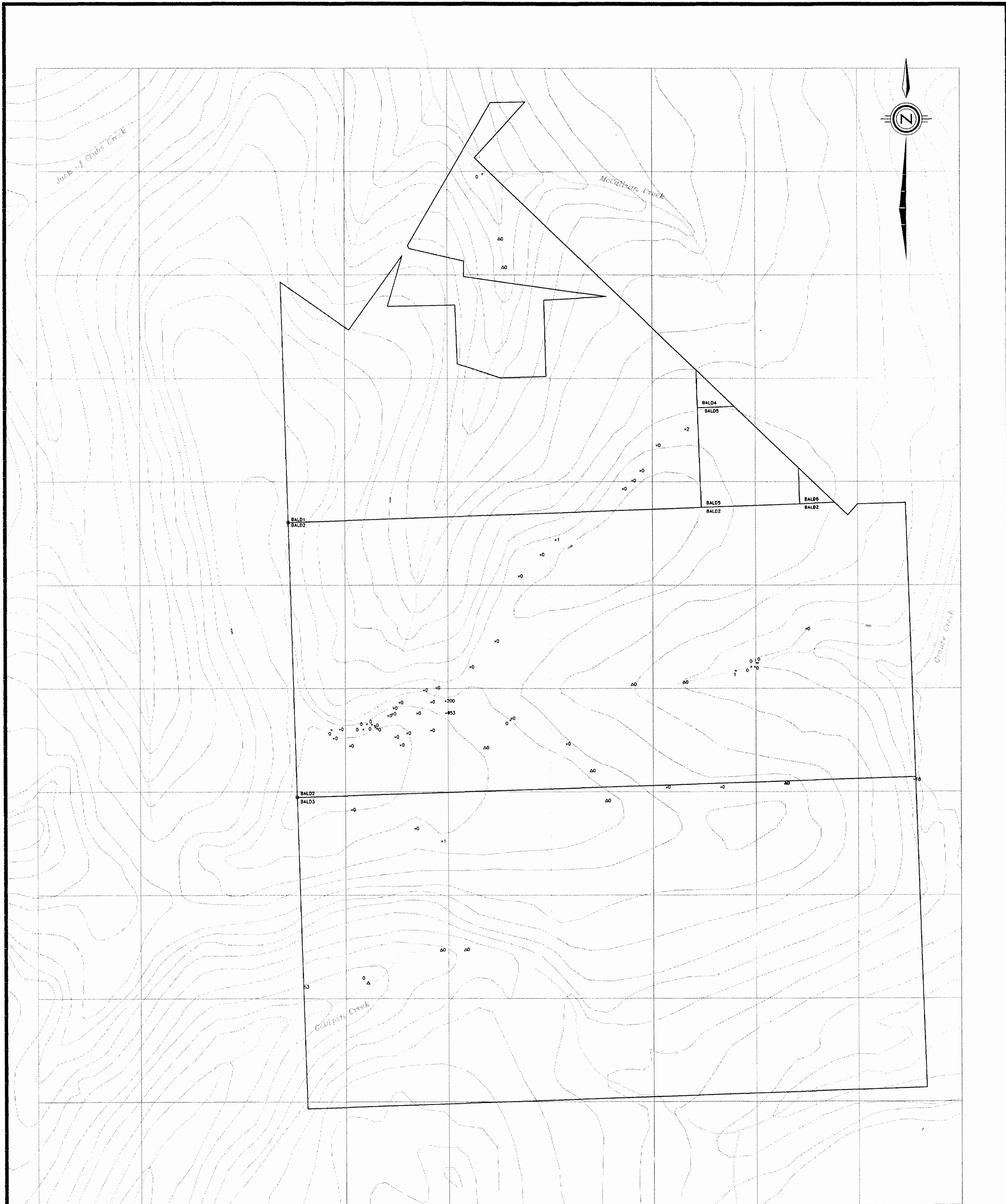
GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

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— KCI CLAIM LINE  
• ROCK SAMPLE LOCATION  
Δ FLOAT SAMPLE LOCATION

<b>Kennecott Canada Inc.</b> <span style="float: right;">④</span> Vancouver		
<b>BALD MOUNTAIN</b> <b>GOLD IN</b> <b>ROCK SAMPLES (ppb)</b> <b>BRITISH COLUMBIA, CANADA</b> <span style="float: right;">7/2</span>		
NTS:	Projection: UTM	Drawn by: AJL
Date: 28/03/96	Author: AD	Figure 6
File: 5BAGC-RK	Scale: 1:10,000	



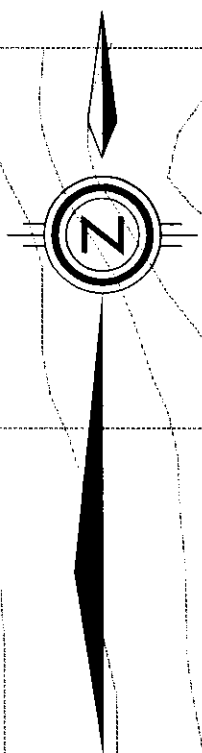
GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

24,459

scale: 1:10,000  
0 100 200 300 500  
kilometres

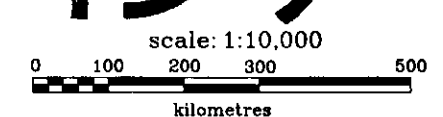
— KCI CLAIM LINE  
x ROCK SAMPLE LOCATION  
Δ FLOAT SAMPLE LOCATION

 <b>Kennecott Canada Inc.</b> Vancouver <span style="float: right;">(5)</span>		
<b>BALD MOUNTAIN SILVER IN ROCK SAMPLES (ppm) BRITISH COLUMBIA, CANADA</b> <span style="float: right;">2/2</span>		
NTS: Date: 28/03/96 File: 5BAGC-RK	Projection: UTM Author: AD Scale: 1:10,000	Drawn by: AJL Figure 7



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

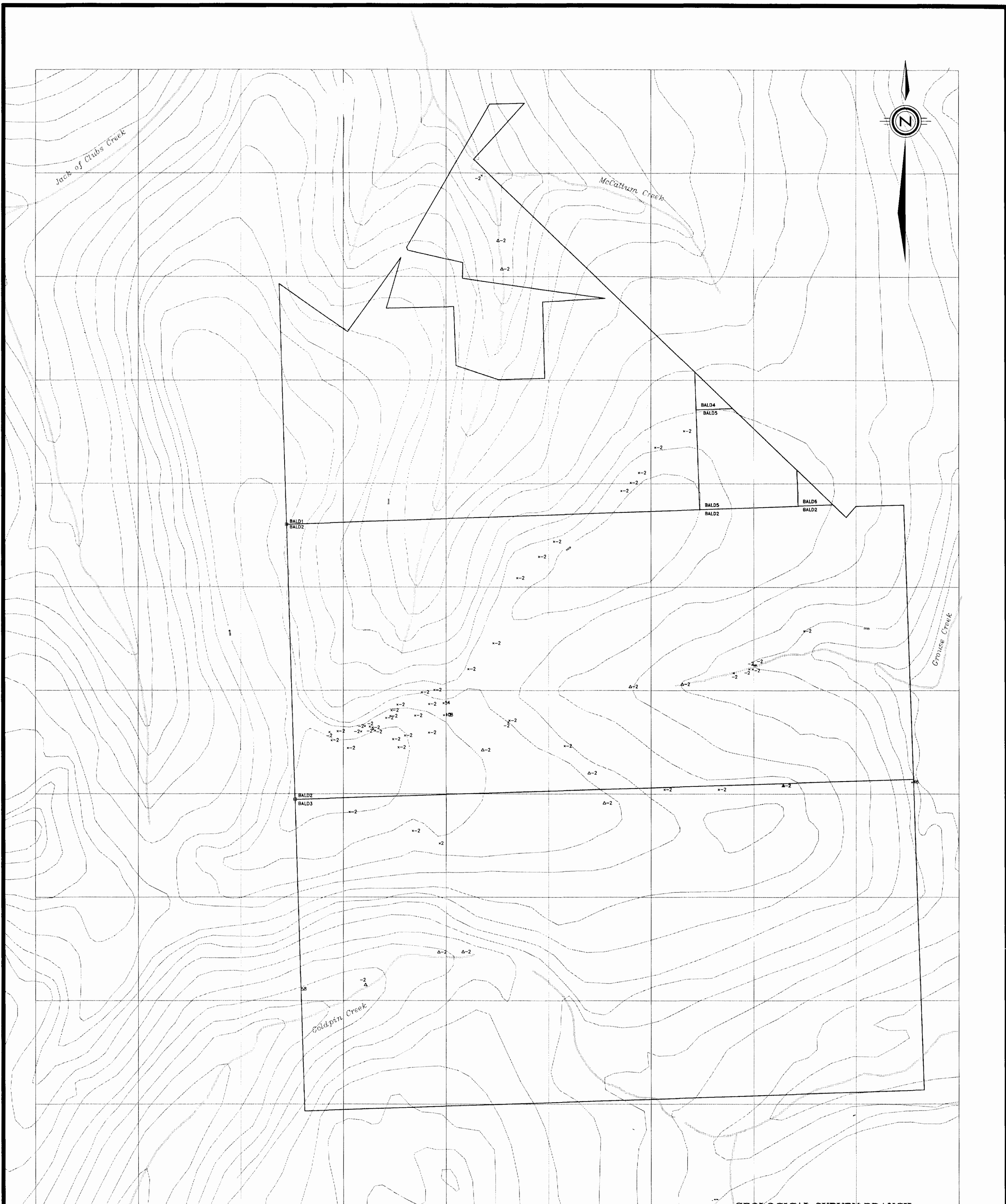
**24,459**



— KCI CLAIM LINE  
• ROCK SAMPLE LOCATION  
△ FLOAT SAMPLE LOCATION

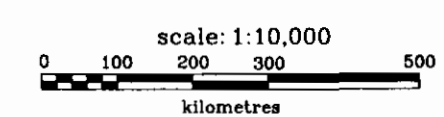
<b>Kennecott Canada Inc.</b> (6) Vancouver		
<b>BALD MOUNTAIN</b> 2/2 <b>LEAD IN</b> <b>ROCK SAMPLES (ppm)</b> <b>BRITISH COLUMBIA, CANADA</b>		
NTS:	Projection: UTM	Drawn by: AJL
Date: 28/03/96	Author: AD	Figure 8
File: 5BAGC-RK	Scale: 1:10,000	





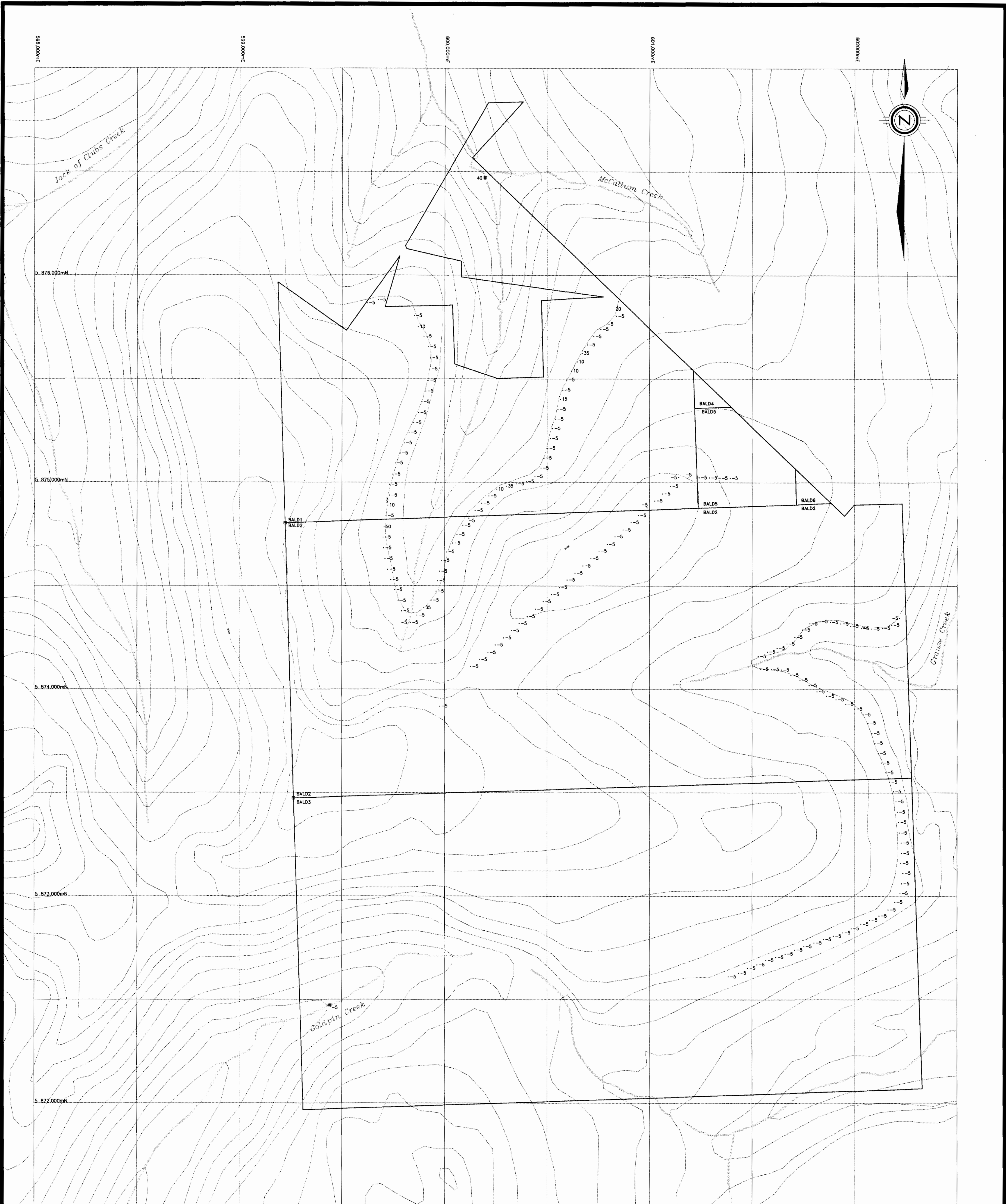
GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

**24,459**



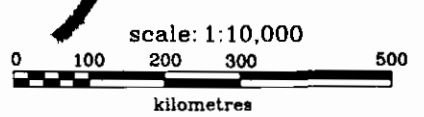
— KCI CLAIM LINE  
x ROCK SAMPLE LOCATION  
Δ FLOAT SAMPLE LOCATION

<b>Kennecott Canada Inc.</b> Vancouver		
<b>BALD MOUNTAIN</b> <b>BISMUTH IN</b> <b>ROCK SAMPLES (ppm)</b> <b>BRITISH COLUMBIA, CANADA</b>		2/2
NTS: Date: 28/03/96 File: 5BAGC-RK	Projection: UTM Author: AD Scale: 1:10,000	Drawn by: AJL Figure 9



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

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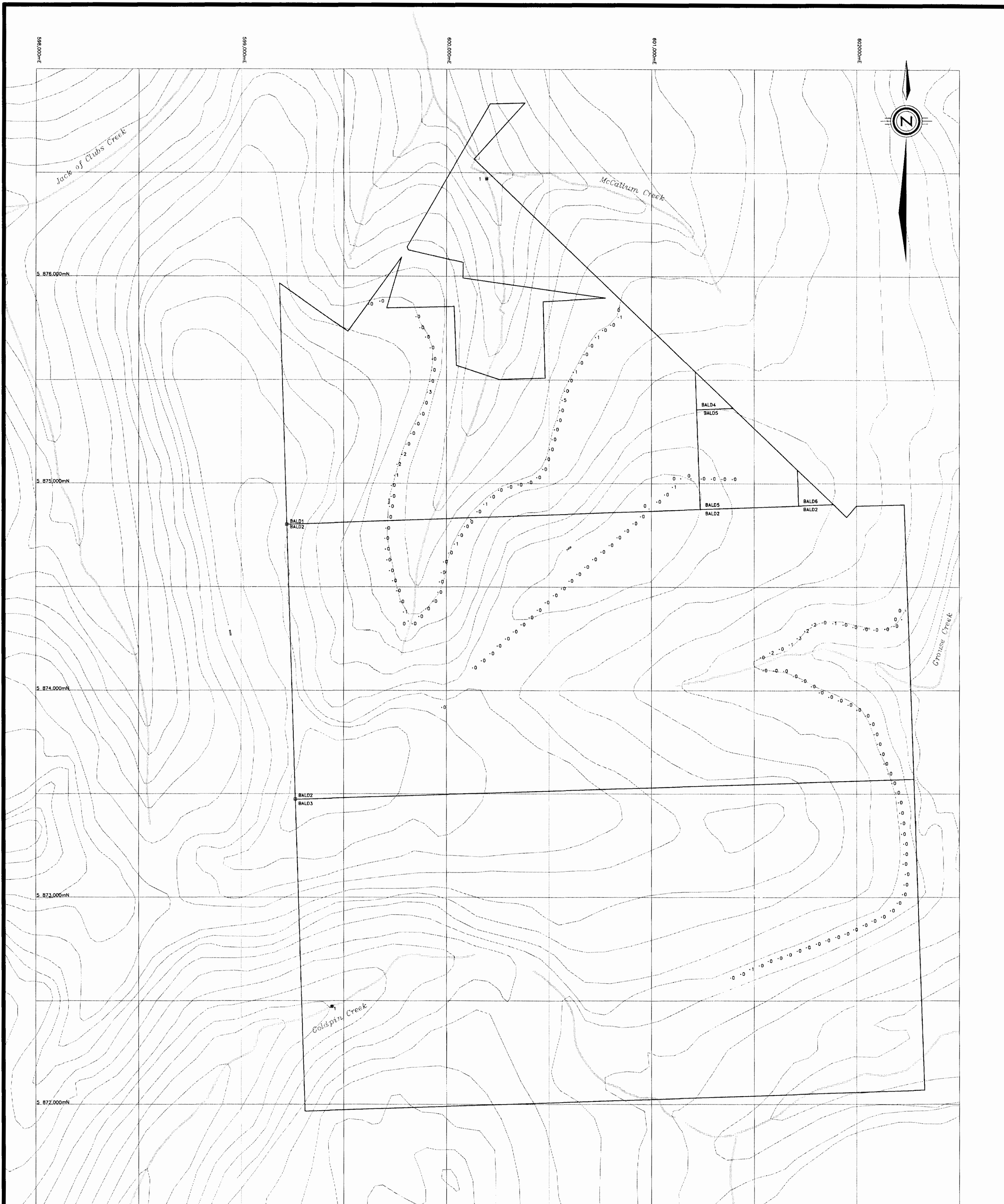


— KCI CLAIM LINE  
• SOIL SAMPLE LOCATION  
■ DRAINAGE SAMPLE LOCATION

<b>Kennecott Canada Inc.</b> Vancouver		
BALD MOUNTAIN <b>GOLD IN SOIL AND          DRAINAGE SAMPLES (ppb)</b> BRITISH COLUMBIA, CANADA		
NTS: Date: 18/04/96 File: 5BAGC-SL	Projection: UTM Author: AD Scale: 1:10,000	Drawn by: AIL Figure 10

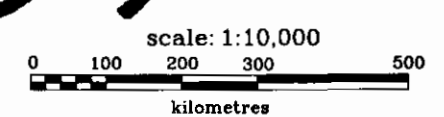
2/2





GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

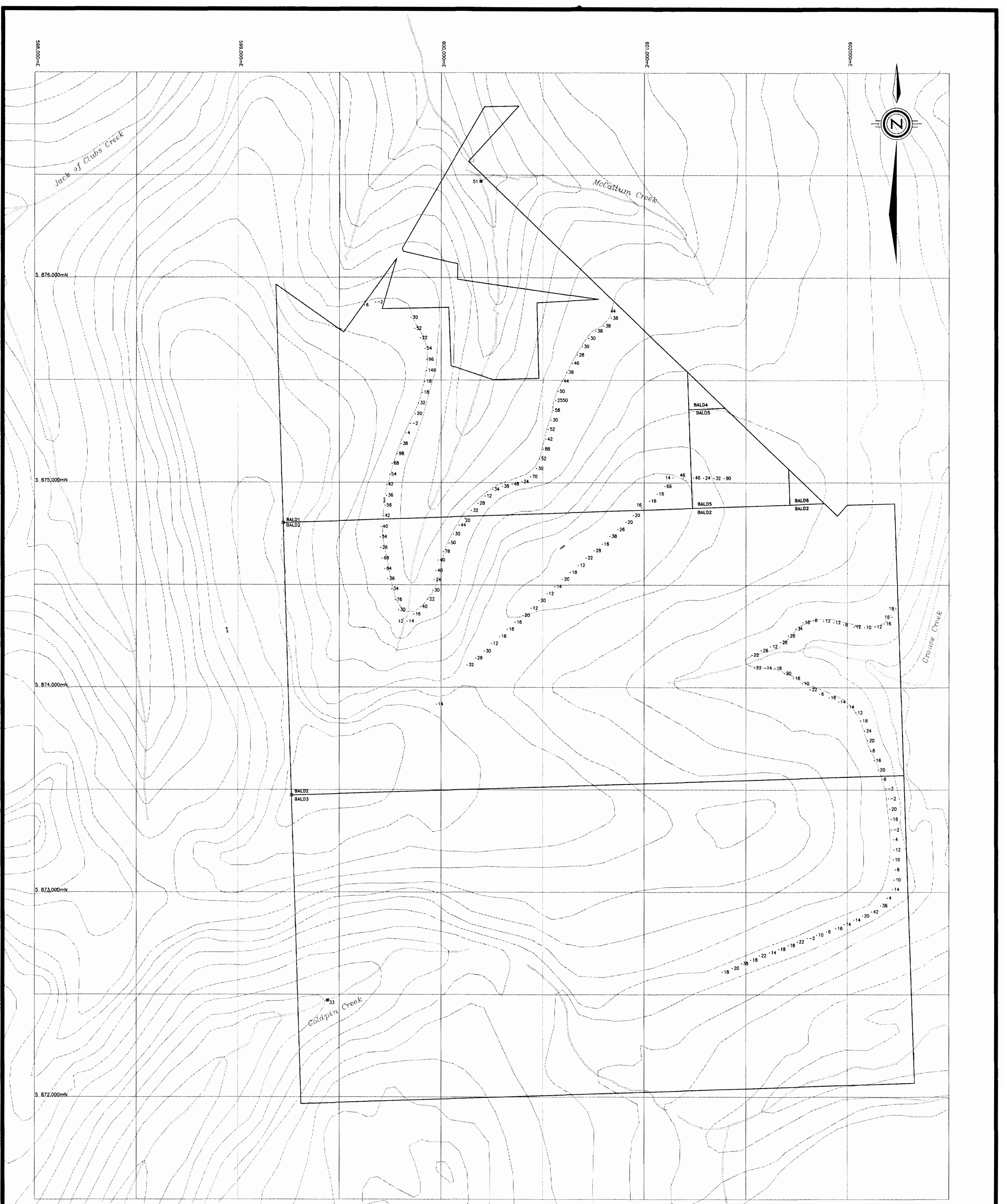
**24,459**



— KCI CLAIM LINE  
• SOIL SAMPLE LOCATION  
■ DRAINAGE SAMPLE LOCATION

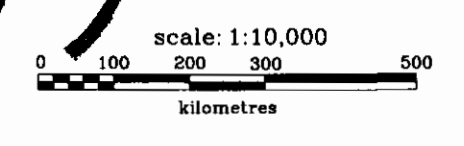
<b>Kennecott Canada Inc.</b> Vancouver		
<b>BALD MOUNTAIN</b> <b>SILVER IN SOIL AND</b> <b>DRAINAGE SAMPLES (ppm)</b> <b>BRITISH COLUMBIA, CANADA</b>		
NTS: Date: 18/04/96 File: 5BAGC-SL	Projection: UTM Author: AD Scale: 1:10,000	Drawn by: AJL Figure 11





GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

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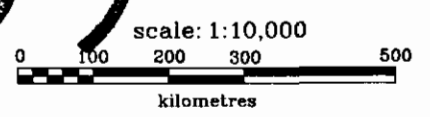
— KCI CLAIM LINE  
• SOIL SAMPLE LOCATION  
■ DRAINAGE SAMPLE LOCATION

<b>Kennecott Canada Inc.</b> Vancouver		
BALD MOUNTAIN <b>LEAD IN SOIL AND          DRAINAGE SAMPLES (ppm)</b> BRITISH COLUMBIA, CANADA		
NTS: Date: 18/04/96 File: 5BAGC-SL	Projection: UTM Author: AD Scale: 1:10,000	Drawn by: AJL Figure 12



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

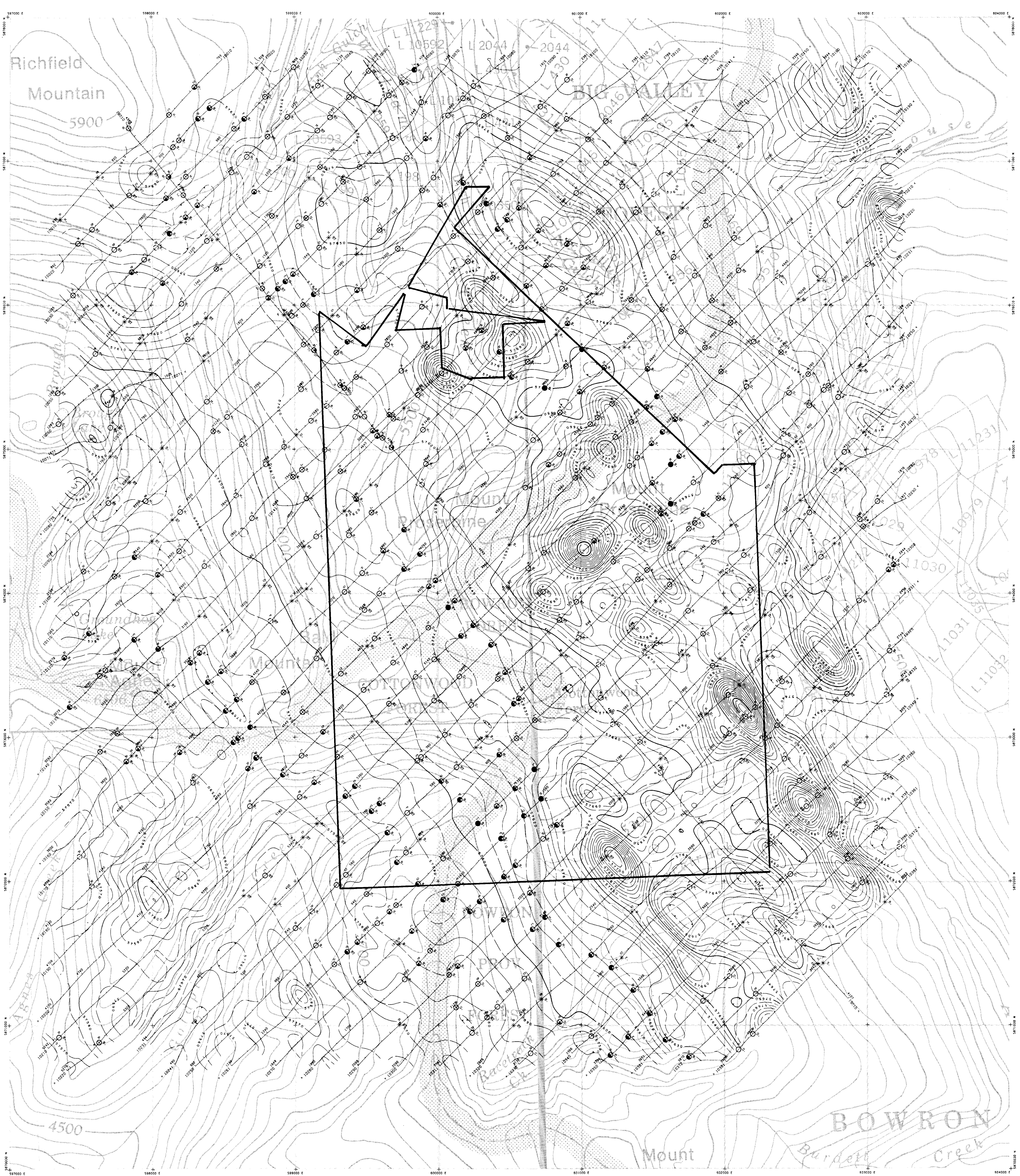
**24,459**



— KCI CLAIM LINE  
• SOIL SAMPLE LOCATION  
• DRAINAGE SAMPLE LOCATION

<b>Kennecott Canada Inc.</b> Vancouver		
<b>BALD MOUNTAIN</b> <b>BISMUTH IN SOIL AND</b> <b>DRAINAGE SAMPLES (ppm)</b> <b>BRITISH COLUMBIA, CANADA</b>		
NTS: Date: 18/04/96 File: 5BACC-SL	Projection: UTM Author: AD Scale: 1:10,000	Drawn by: AJL Figure 13





**TECHNICAL SUMMARY**

Navigation	Serco real time differential GPS positioning
Data reduction grid interval	50 metres
Terrain clearance	Helicopter, Spectrometer 60 m Electromagnetic sensor 30 m
Data sampling interval	0.1 second
Magnetometer / sensitivity	Magnetometer: VLF receiver 40 m Scintrex cesium / 0.01 nT
VLF receiver / sensitivity	Herz 2A / 1%
Electromagnetic system	DIGHEM
Spectrometer	GR820

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coaxial
5500 Hz	0.2 ppm	Vertical coaxial
905 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar

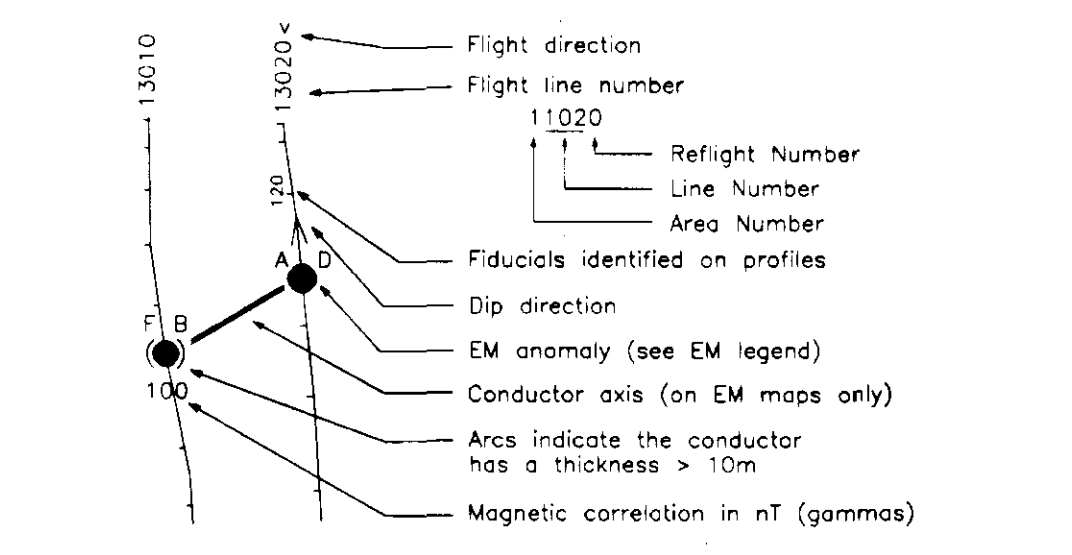
**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

Anomaly identifier	Interpretive symbol	Conductor ("mode")
B	B	Bedrock conductor
D	D	Narrow bedrock conductor ("thin dike")
S	S	Conductive cover ("horizontal thin sheet")
H	H	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("thick space")
E	E	Edge of broad conductor ("edge of half space")
L	L	Culture, e.g. power line, metal building or fence

Depth is greater than	Inphase and Quadrature of coaxial coil is greater than
15 m	5 ppm
30 m	10 ppm
45 m	15 ppm
60 m	20 ppm

**FLIGHT LINES WITH EM ANOMALIES**



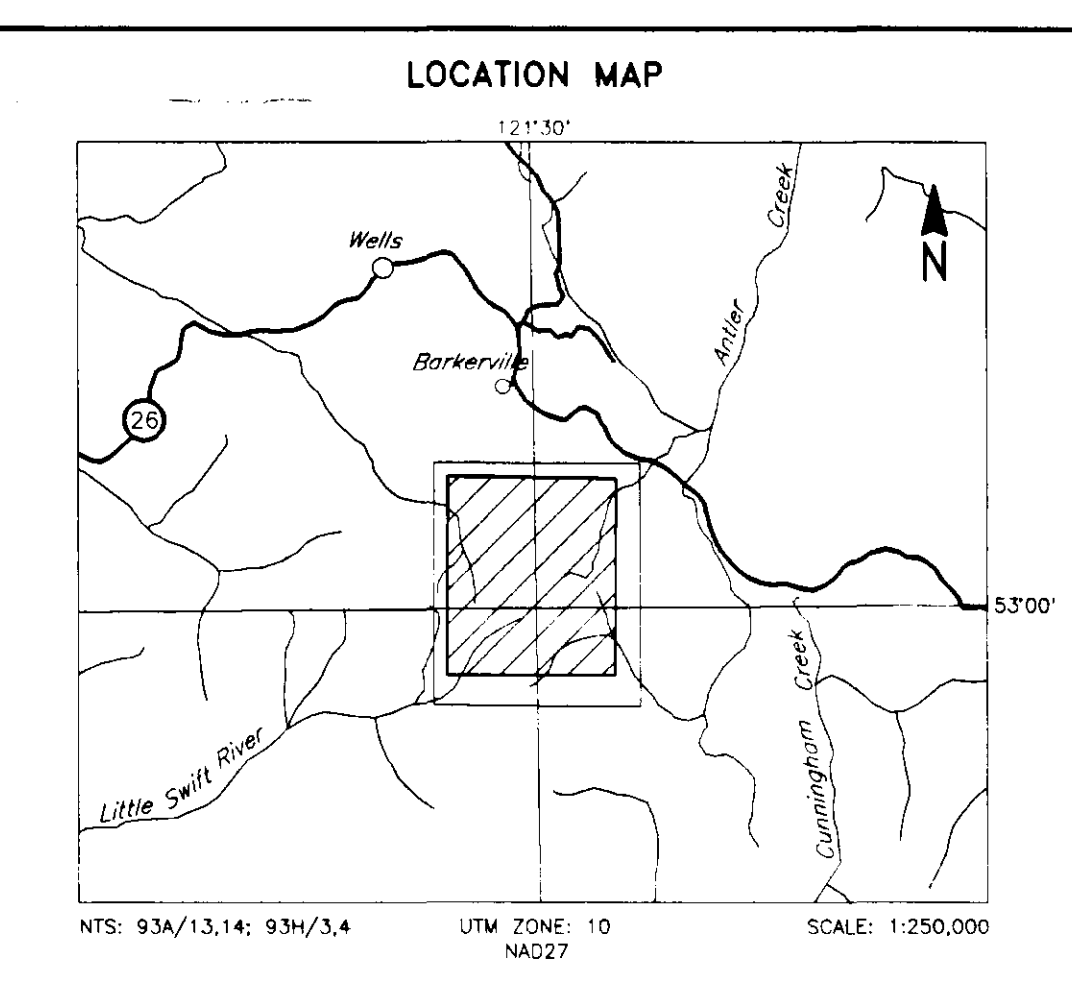
**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

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**TOTAL FIELD MAGNETIC CONTOURS**

—————	250 nT
—————	50 nT
—————	10 nT
—————	5 nT
○	magnetic low

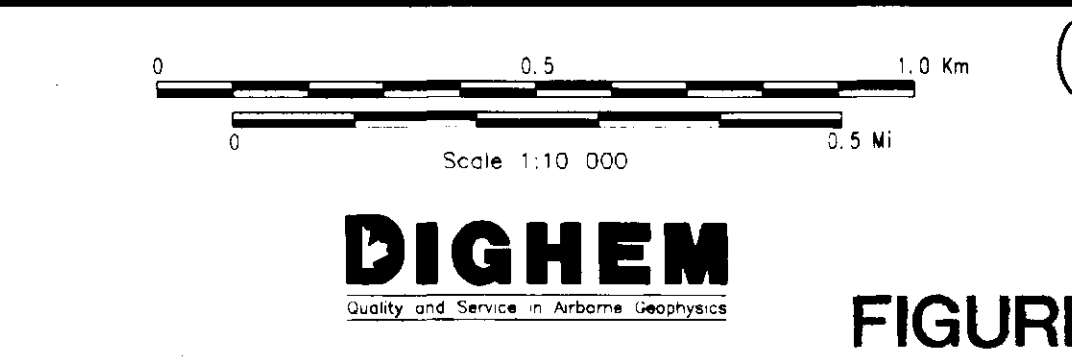
Magnetic inclination within the survey area: 74 degrees N  
Magnetic declination within the survey area: 24 degrees E



**KENNECOTT CANADA INC.**  
BALD MOUNTAIN AREA, B.C.

**TOTAL FIELD MAGNETICS**

DIGHEM SURVEY	NTS: 93A/13.14; 93H/3.4	GEOPHYSICIST: <i>er</i>
DATE: AUGUST 1995	JOB: 1229	SHEET: 1
DIGHEM, A division of CCG Canada Ltd.		







**TECHNICAL SUMMARY**

Navigation	.....	Sercol real time differential GPS positioning
Data reduction grid interval	.....	50 metres
Terrain clearance	.....	Receiver, Spectrometer 60 m
		Electromagnetic sensor 50 m
		Magnetometer, VLF receiver 40 m
Data sampling interval	.....	0.1 seconds
Magnetometer / sensitivity	.....	Scintrex cesium / 0.01 nT
VLF receiver / sensitivity	.....	Herz 2A / 1%
Electromagnetic system	.....	DIGEM
Spectrometer	.....	GR820

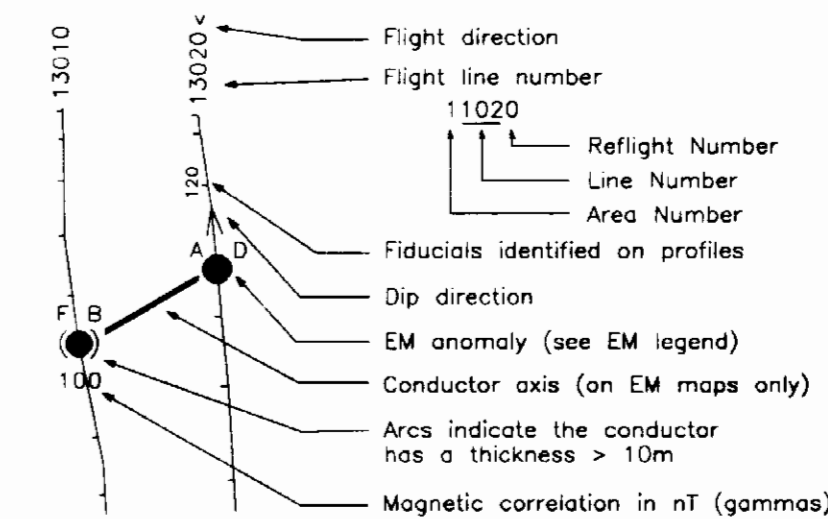
Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coplanar
5500 Hz	0.2 ppm	Vertical coplanar
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.3 ppm	Horizontal coplanar

**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	<1 siemens
	*	Questionable anomaly

Anomaly identifier	Interpretive symbol	Interpretive description	Conductor ("mode")	
			B	Bedrock conductor
			Narrow bedrock conductor ("thin wire")	
			D	Conductive cover ("horizontal thin sheet")
			S	Brood conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
			H	Edge of broad conductor ("edge of half space")
			E	Culture, e.g. power line, metal building or fence
			L	

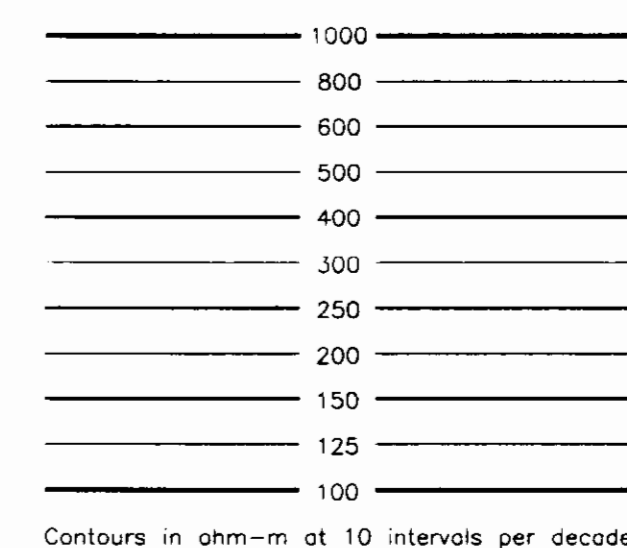
**FLIGHT LINES WITH EM ANOMALIES**



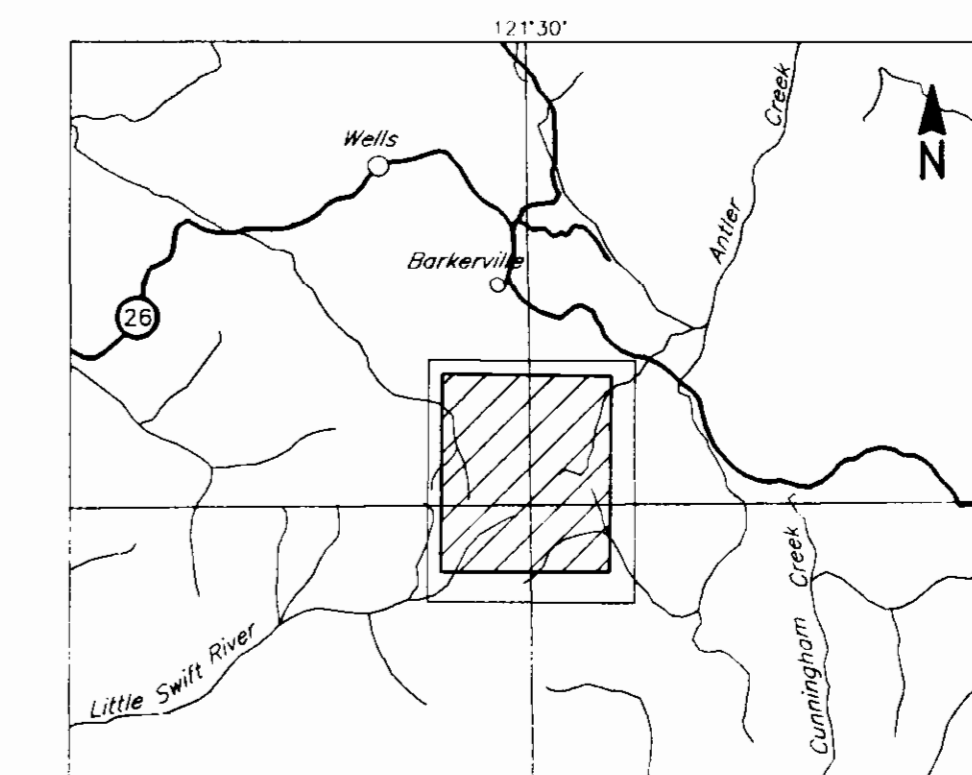
**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

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**RESISTIVITY CONTOURS**



**LOCATION MAP**

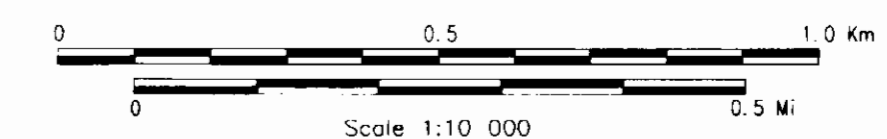


NTS: 93A/13.14: 93H/3.4 UTM ZONE: 10 NAD83 SCALE: 1:250,000

**KENNECOTT CANADA INC.**  
BALD MOUNTAIN AREA, B.C.

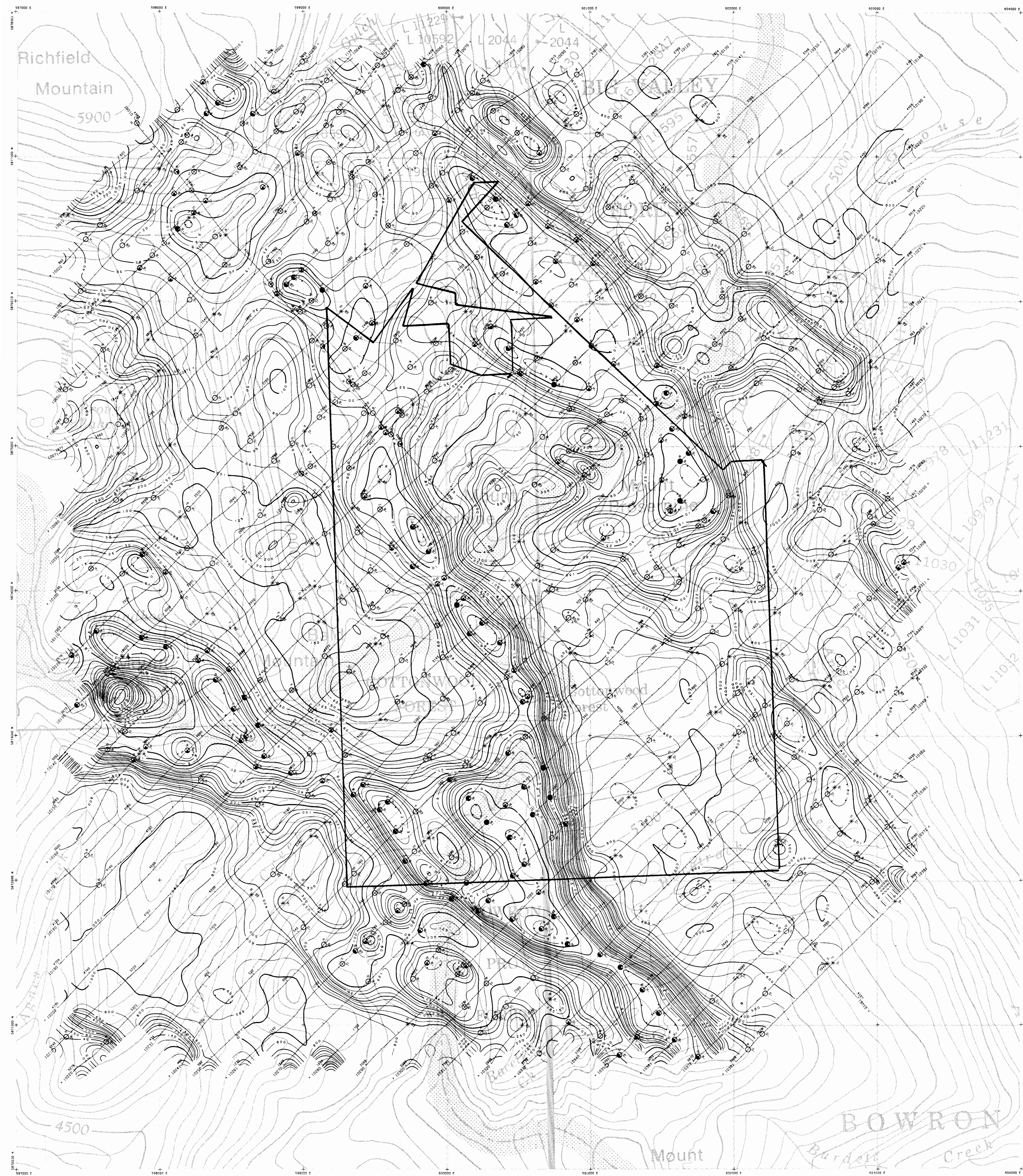
**RESISTIVITY**  
**7200 Hz COPLANAR**

DIGEM SURVEY	NTS: 93A/13.14: 93H/3.4	GEOPHYSICIST: EP
DATE: AUGUST 1995	JOB: 1229	SHEET: 1
DIGEM, A division of CGG Canada Ltd.		



**DIGEM**  
Quality and Service in Geophysical Surveys





**TECHNICAL SUMMARY**

Navigation	.....	Serail real time differential GPS positioning
Data reduction grid interval	.....	50 metres
Terrain clearance	.....	Helicopter, Spectrometer 60 m
		Electromagnetic sensor 30 m
Data sampling interval	.....	0.11 second
Magnetometer / sensitivity	.....	Scintrex cesium / 0.01 nT
VLF receiver / sensitivity	.....	Herz 2A / 1%
Electromagnetic system	.....	DIGEM
Spectrometer	.....	CRS20

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coplanar
5500 Hz	0.2 ppm	Vertical coplanar
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar

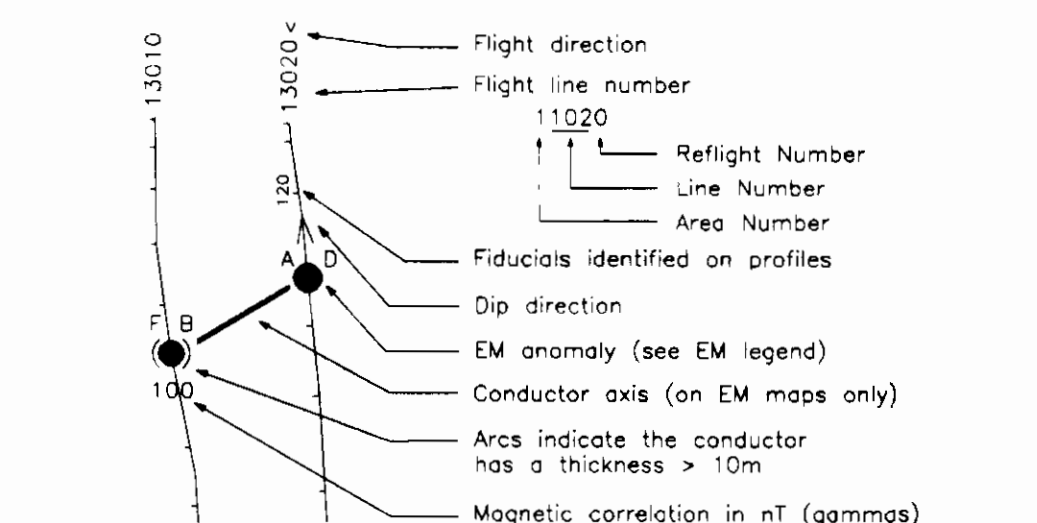
**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

Anomaly identifier	Interpretive symbol	Conductor ("model")
B	○	Broad conductor
D	○	Narrow bedrock conductor
S	○	Conductive cover ("horizontal thin sheet")
H	○	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("edge of roof space")
E	○	Edge of broad conductor
L	○	Culture, e.g. power line, metal building or fence

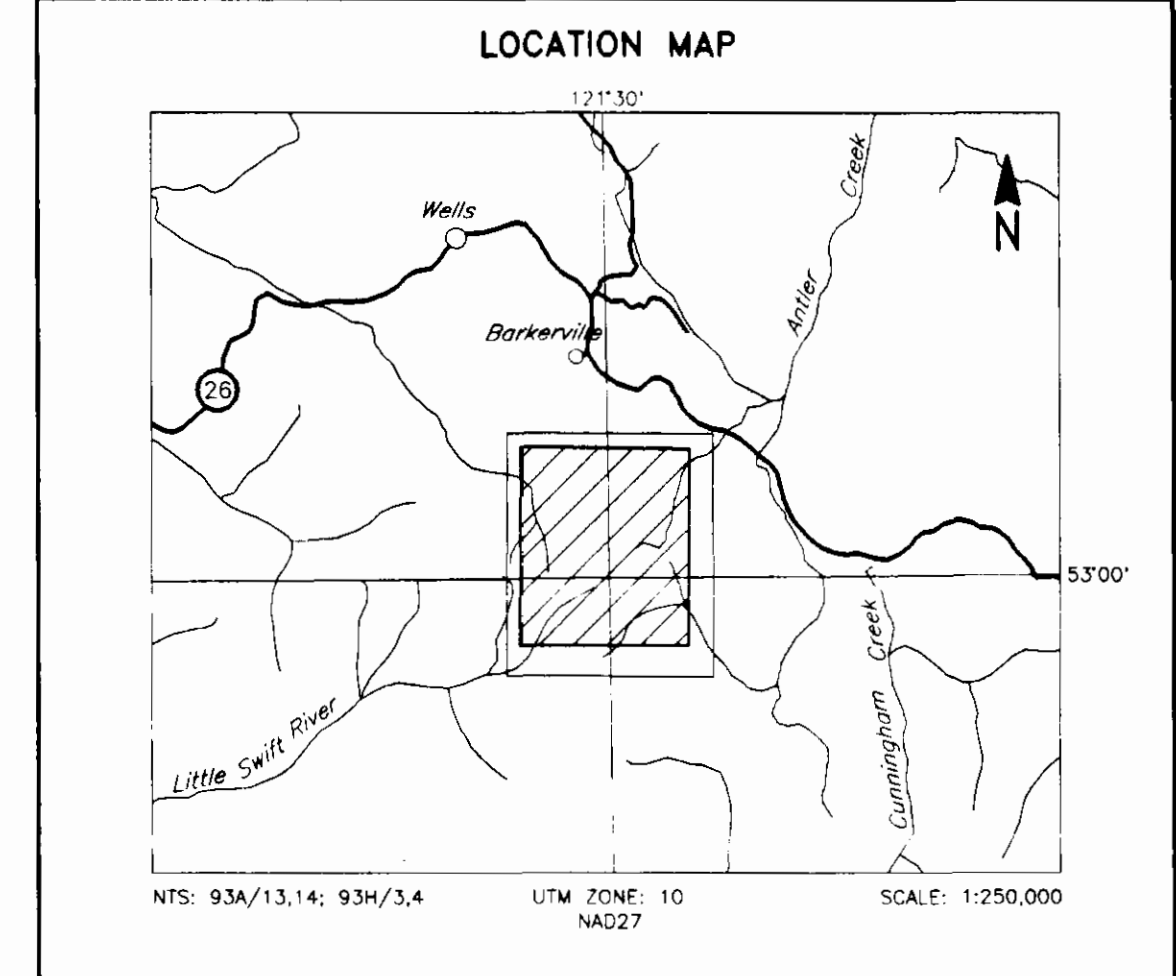
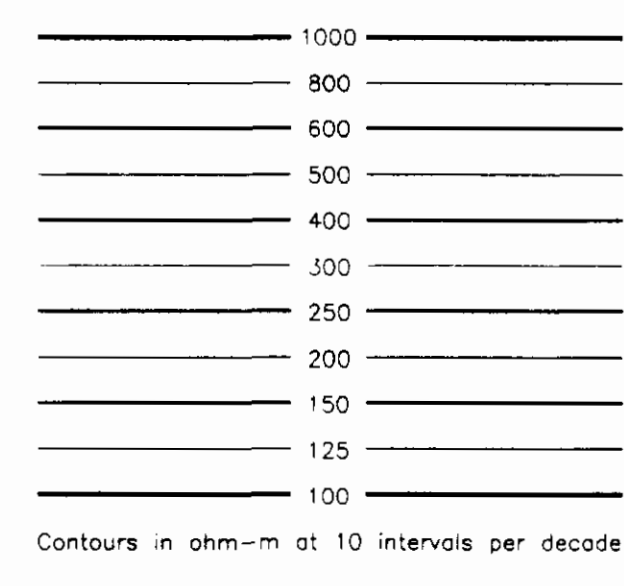
**FLIGHT LINES WITH EM ANOMALIES**



**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

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**RESISTIVITY CONTOURS**

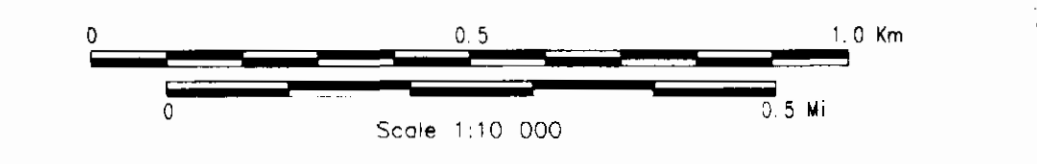


**KENNECOTT CANADA INC.**  
BALD MOUNTAIN AREA, B.C.

**RESISTIVITY 900 Hz COPLANAR**

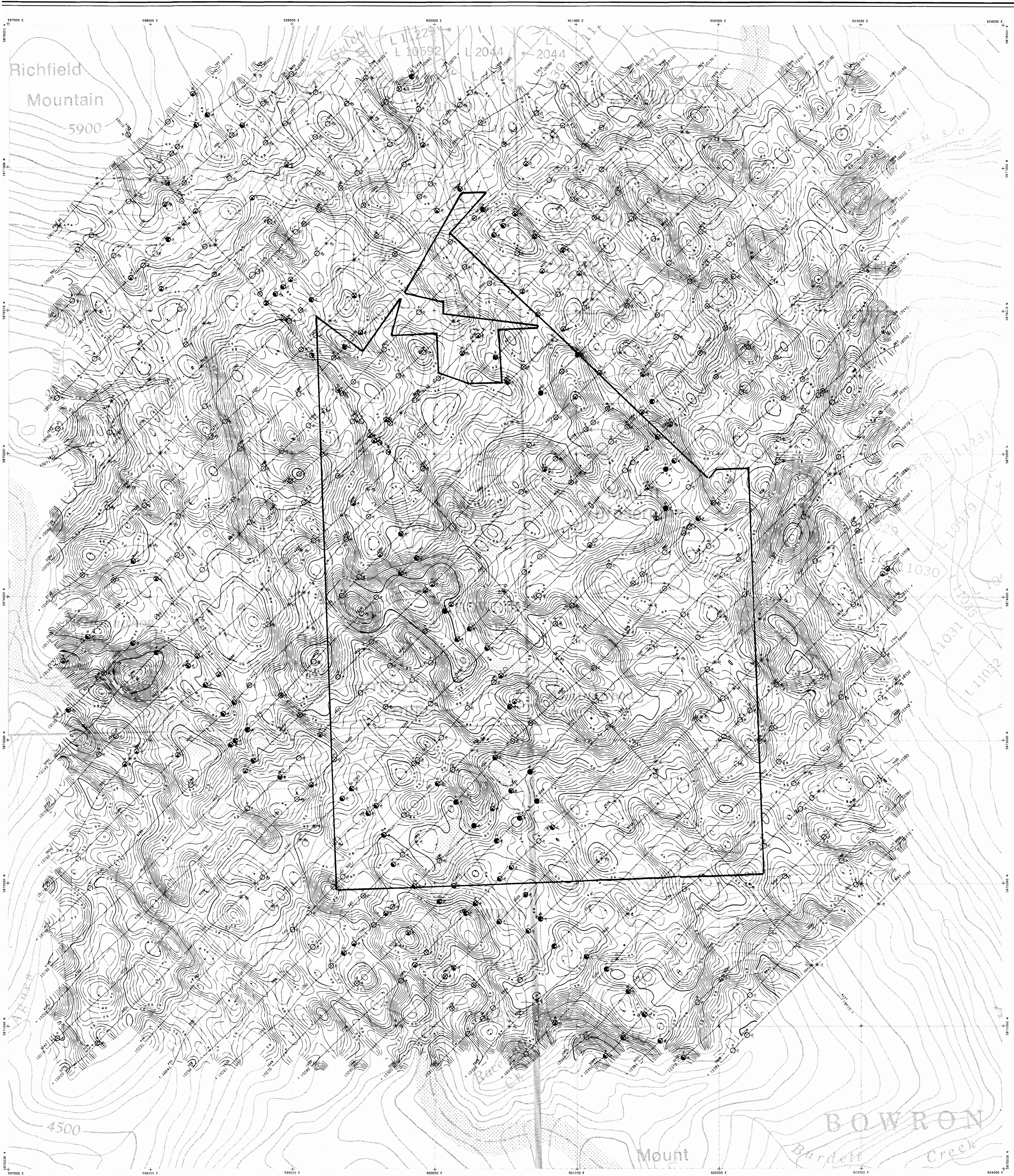
DIGEM SURVEY	NTS: 93A/13.14; 93H/3.4	GEOPHYSICIST: [Signature]
DATE: AUGUST 1995	JOB: 1229	SHEET: 1

DIGEM, A division of CGG Canada Ltd.



**DIGEM**  
Quality and Service in Airborne Geophysics





**TECHNICAL SUMMARY**

Navigation  
 Data reduction grid interval: 50 metres  
 Terrain clearance: Helicopter, Spectrometer 60 m  
 Electromagnetic sensor 30 m  
 Magnetometer VLF receiver 40 m

Data sampling interval: 0.1 seconds  
 Magnetometer / sensitivity: Scintrex cesium / 0.01 nT  
 VLF receiver sensitivity: Scintrex cesium / 1%  
 Electromagnetic system: DIGHEM  
 Spectrometer: CR20

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 spm	Vertical coplanar
5520 Hz	0.2 spm	Vertical coplanar
900 Hz	0.1 spm	Horizontal coplanar
7200 Hz	0.2 spm	Horizontal coplanar
56000 Hz	0.5 spm	Horizontal coplanar

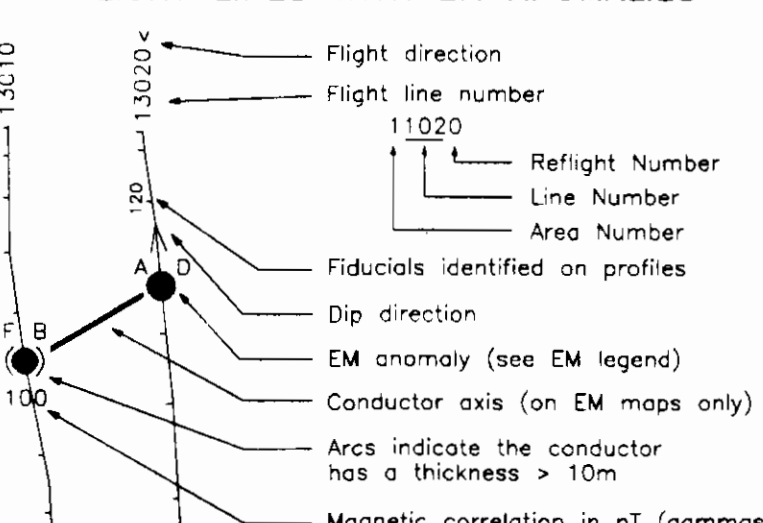


**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

Anomaly identifier	Interpretive symbol	Interpretive symbol	Conductor ("mode")
Depth is greater than: 15 m 30 m 45 m 60 m	○ ○ ○ ○	Interpretive symbol	B D S
Phase and Quadrature of coaxial coil is greater than: 5 ppm 10 ppm 15 ppm 20 ppm	○ ○ ○ ○	Interpretive symbol	H E L

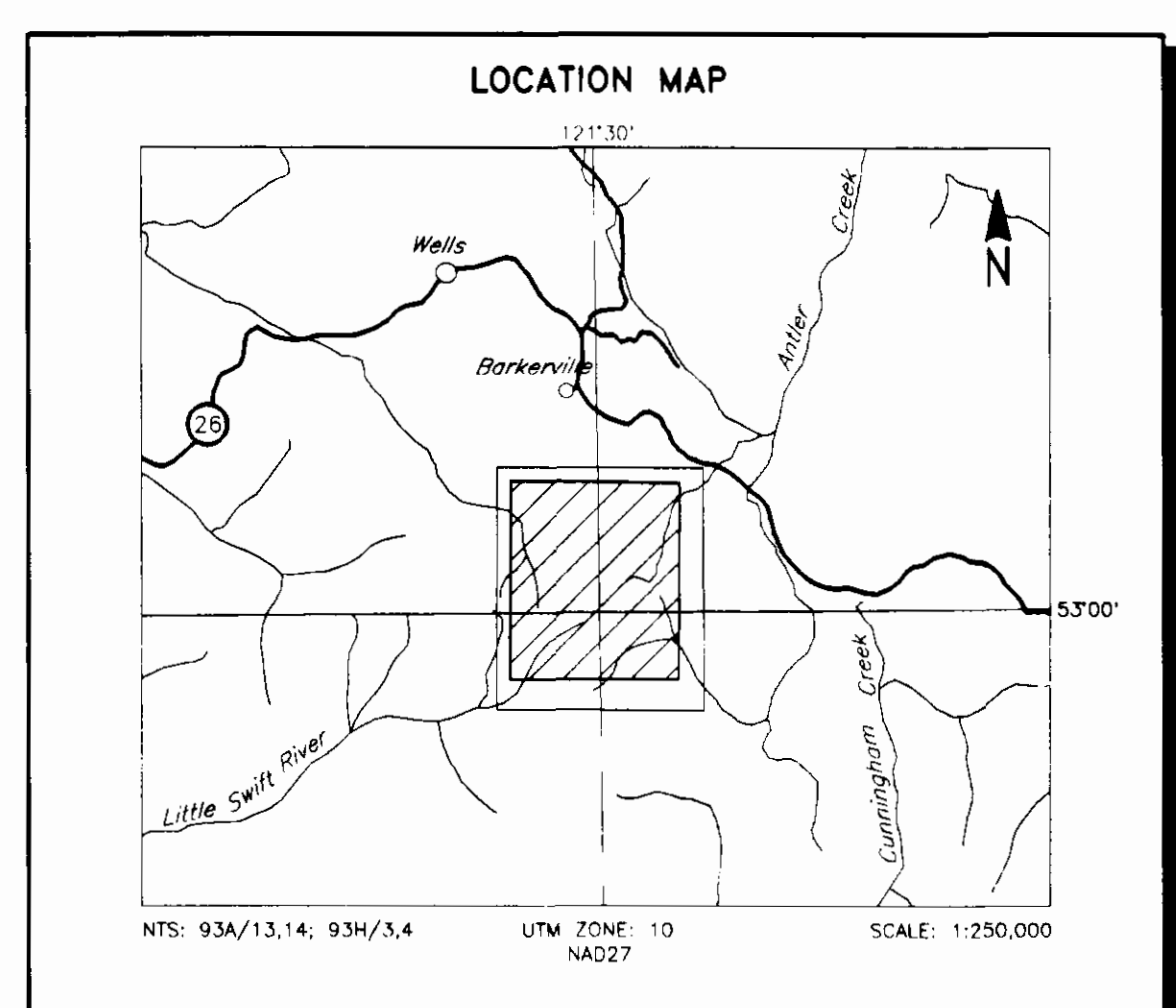
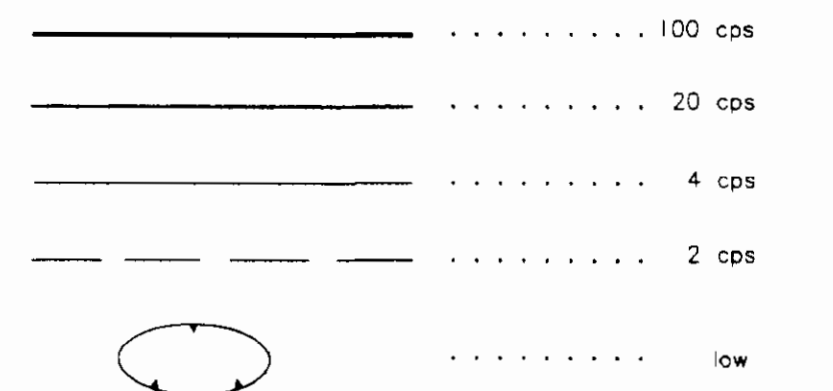
**FLIGHT LINES WITH EM ANOMALIES**



**GEOLOGICAL SURVEY BRANCH  
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**24,459**

**CONTOUR INTERVALS**

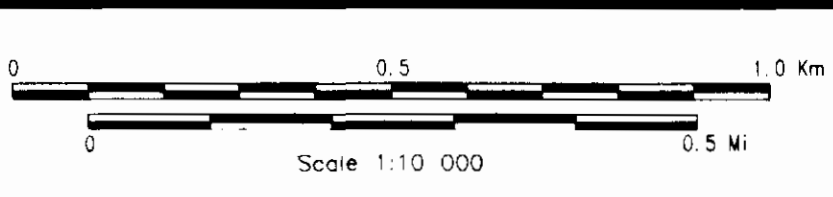


**KENNECOTT CANADA INC.**  
BALD MOUNTAIN AREA, B.C.

**RADIOMETRICS  
POTASSIUM COUNTS**

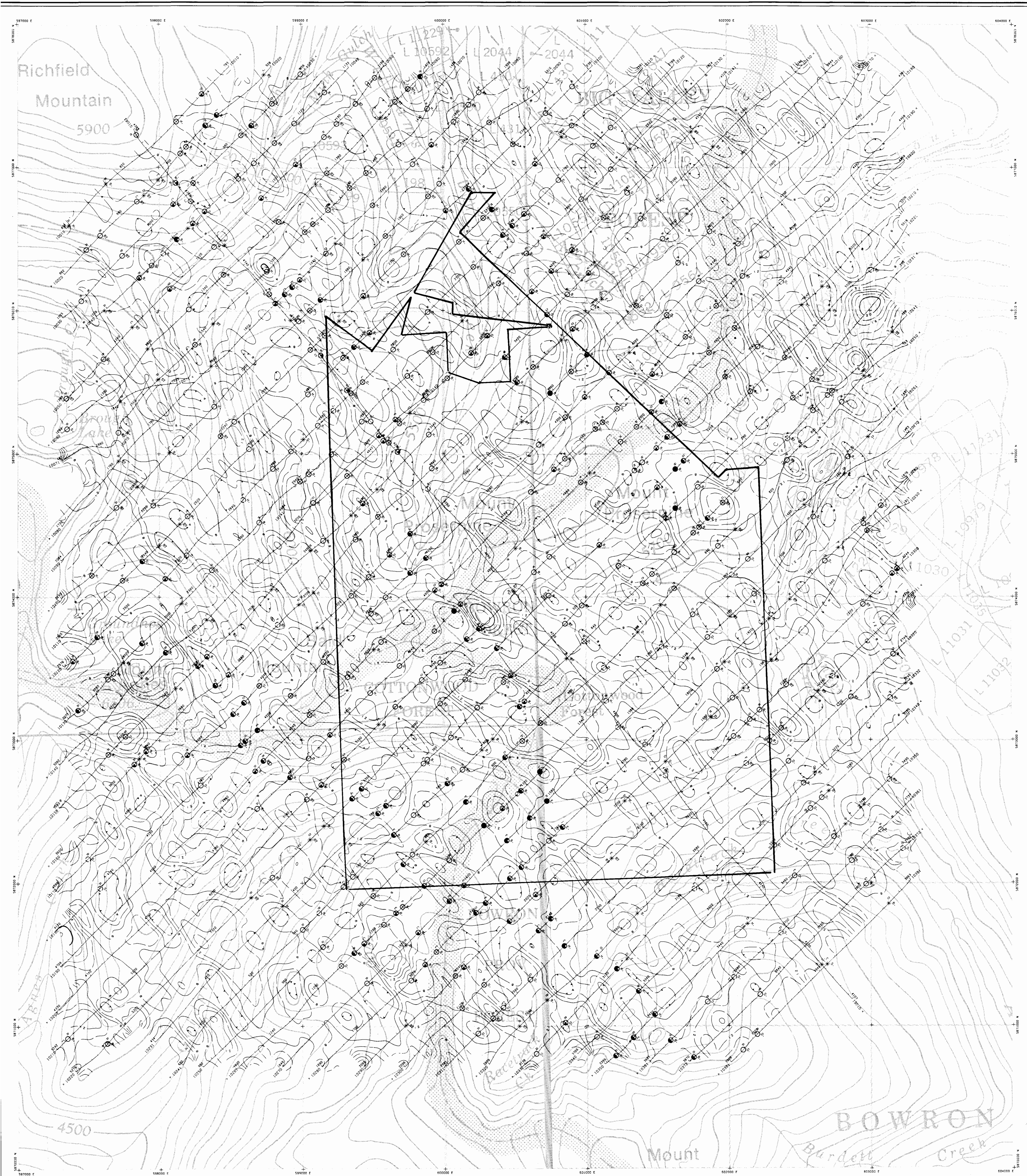
DIGHEM SURVEY	NTS: 93A/13.14; 93H/3.4	GEOPHYSICIST: <i>ef</i>
DATE: AUGUST 1995	JOB: 1229	SHEET: 1

DIGHEM, A division of CGG Canada Ltd.



**DIGHEM**  
Quality and Service in Airborne Geophysics





**TECHNICAL SUMMARY**

Navigation  
 Data reduction grid interval: 50 metres  
 Terrain clearance: Helicopter Spectrometer 60 m  
 Electromagnetic sensor: 30 m  
 Magnetometer VLF receiver: 40 m

Data sampling interval: 0.1 second  
 Magnetometer / sensitivity: Scintrex cesium / 0.01 nT  
 VLF receiver / sensitivity: Herz 2A / 1%  
 Electromagnetic system: DIGHEM  
 Spectrometer: CR820

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coplanar
5500 Hz	0.2 ppm	Vertical coplanar
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar



**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
	*	Questionable anomaly

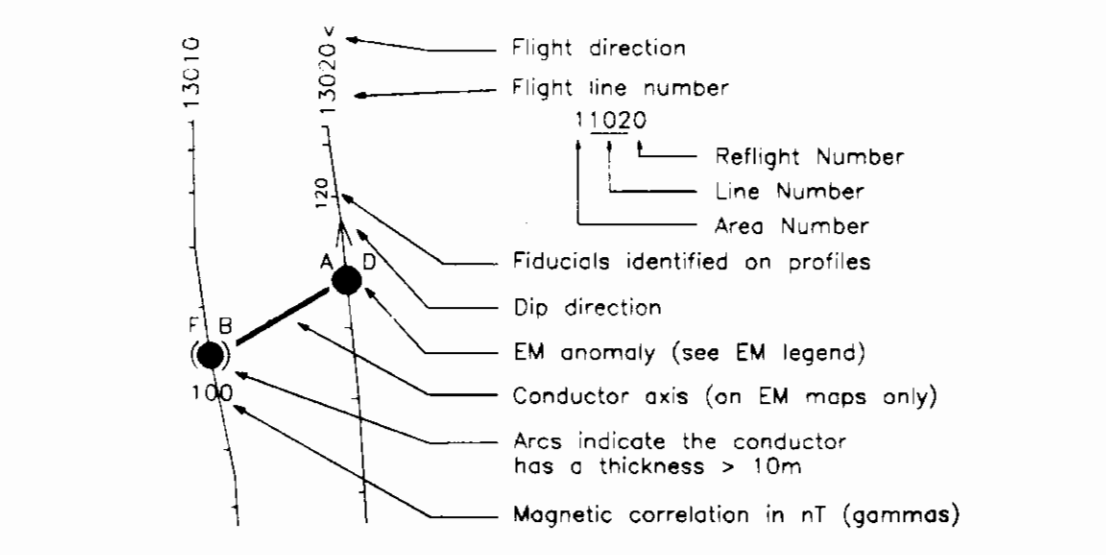
  

Anomaly identifier	Interpretive symbol	Interpretation
B	○	Bedrock conductor ("mode")
D	○	Narrow bedrock conductor ("thin dike")
S	○	Conductive cover ("horizontal thin sheet")
H	○	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
E	○	Edge of broad conductor ("edge of half space")
L	○	Culture, e.g. power line, metal building or fence

Depth is greater than:  
 15 m  
 30 m  
 45 m  
 60 m

Inphase and Quadrature of coiled coil is greater than:  
 5 ppm  
 10 ppm  
 15 ppm  
 20 ppm

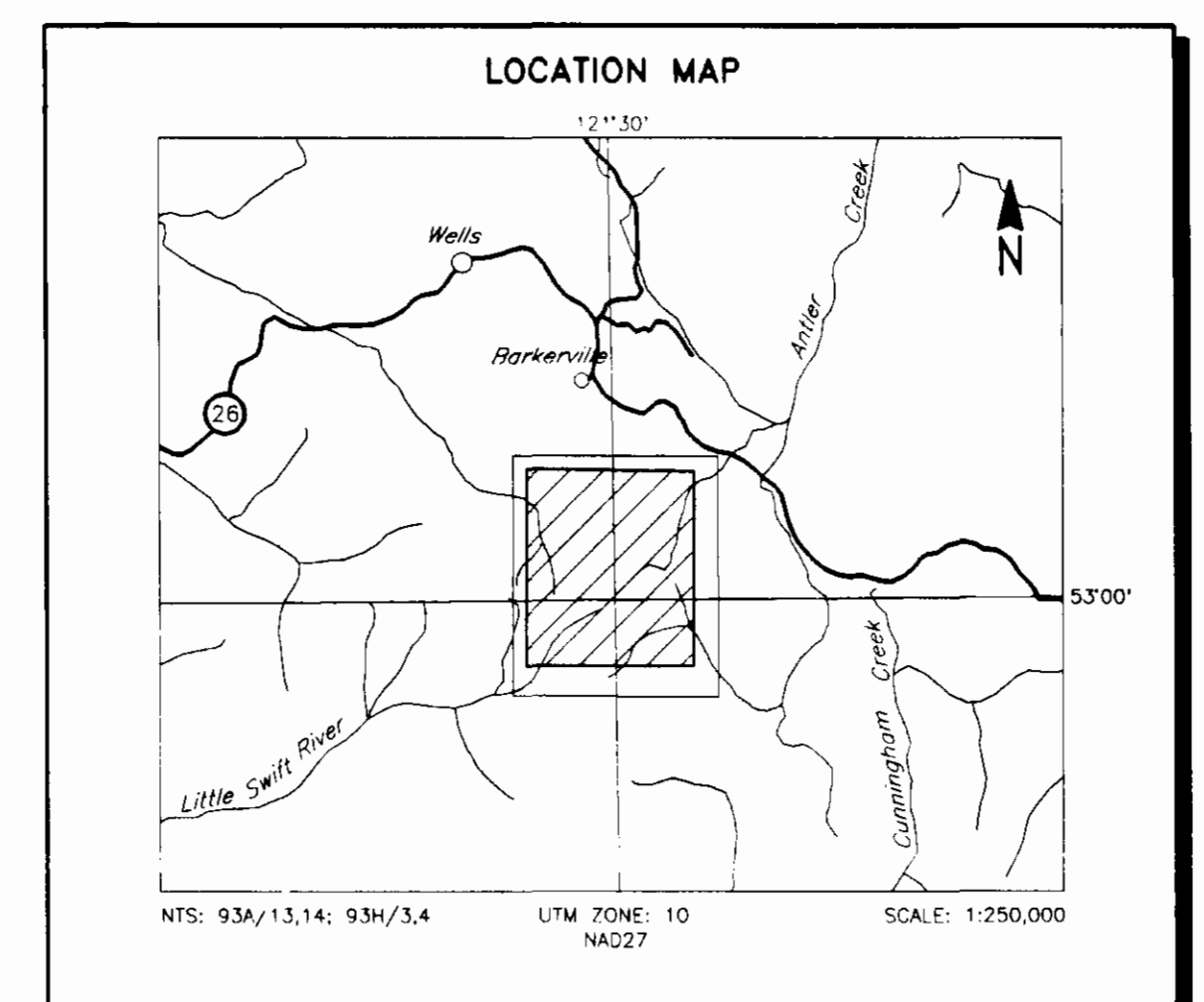
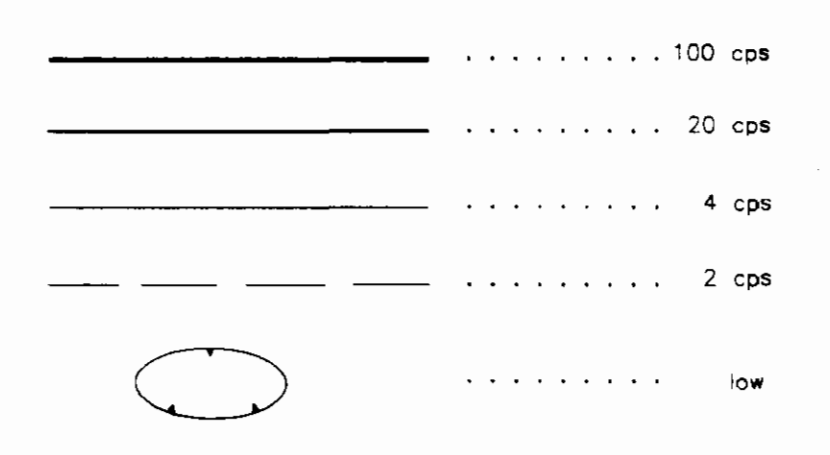
**FLIGHT LINES WITH EM ANOMALIES**



**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

**24,459**

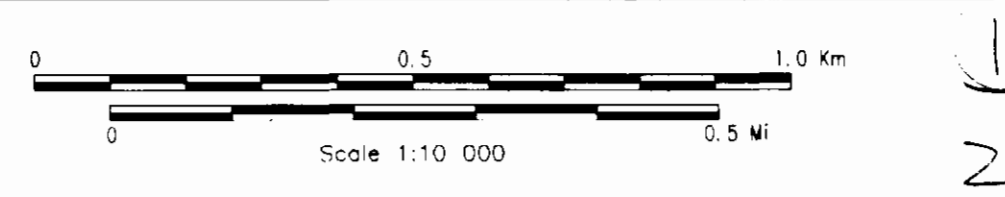
**CONTOUR INTERVALS**



**KENNECOTT CANADA INC.**  
 BALD MOUNTAIN AREA, B.C.

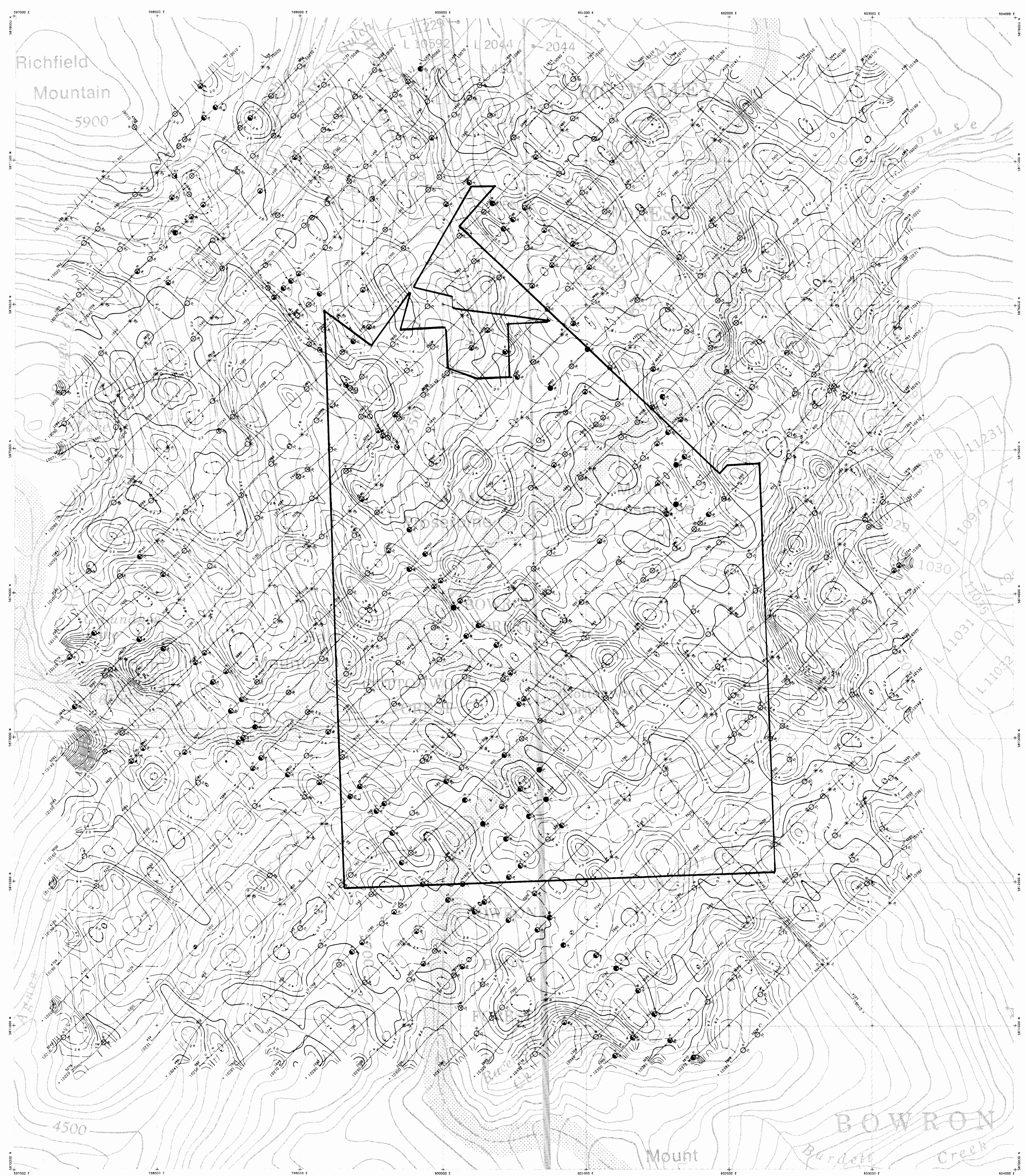
**RADIOMETRICS**  
 URANIUM COUNTS

DIGHEM SURVEY NTS: 93A/13.14, 93H/3.4 GEOPHYSICIST: **240**  
 DATE: AUGUST 1995 JOB: 1229 SHEET: 1  
 DIGHEM, A division of CGG Canada Ltd.



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 Quality and Service in Airborne Geophysics





**TECHNICAL SUMMARY**

Navigation	.....	Serco real time differential GPS positioning
Data reduction grid interval	.....	50 metres
Terrain clearance	.....	Helicopter, Spectrometer 60 m
		Electromagnetic sensor 30 m
		Magnetometer, VLF receiver 40 m
Data sampling interval	.....	0.1 seconds
Magnetometer / sensitivity	.....	Scintrex cesium / 0.01 nT
VLF receiver / sensitivity	.....	Merz 2A / 1%
Electromagnetic system	.....	DIGEM
Spectrometer	.....	GR820

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coplanar
5500 Hz	0.2 ppm	Vertical coplanar
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar

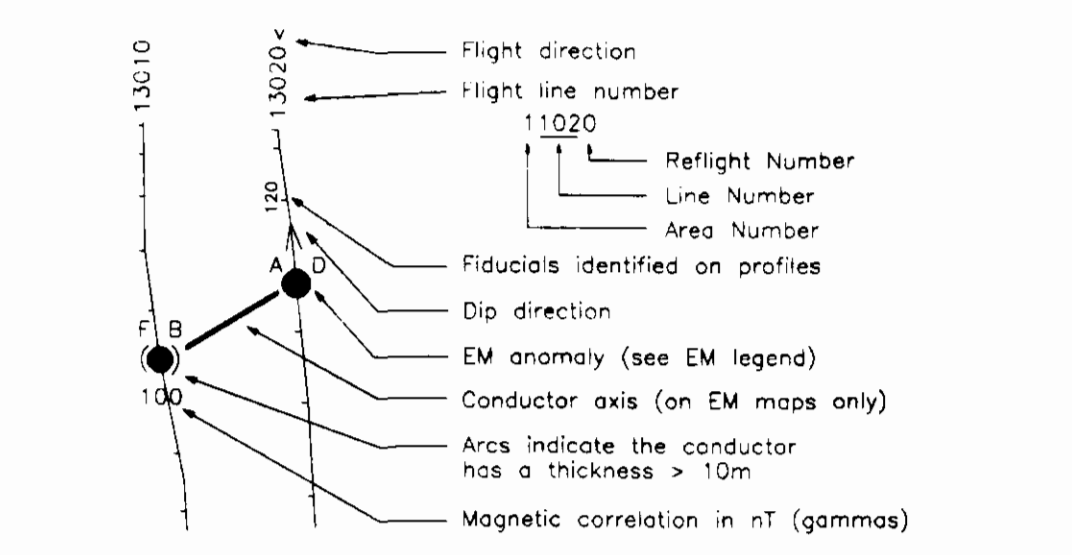


**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

Anomaly identifier	Interpretive symbol	Interpretive symbol	Conductor ("mode")
			B Broad conductor
Depth is greater than	Inphase and Quadrature of control coil is greater than	Interpretive symbol	D Narrow broad conductor ("thin disk")
			S Conductive cover ("horizontal thin sheet")
15 m	5 ppm	Interpretive symbol	H Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
30 m	10 ppm		E Edge of broad conductor ("edge of half space")
45 m	15 ppm	Interpretive symbol	L Culture, e.g. power line, metal building or fence
60 m	20 ppm		

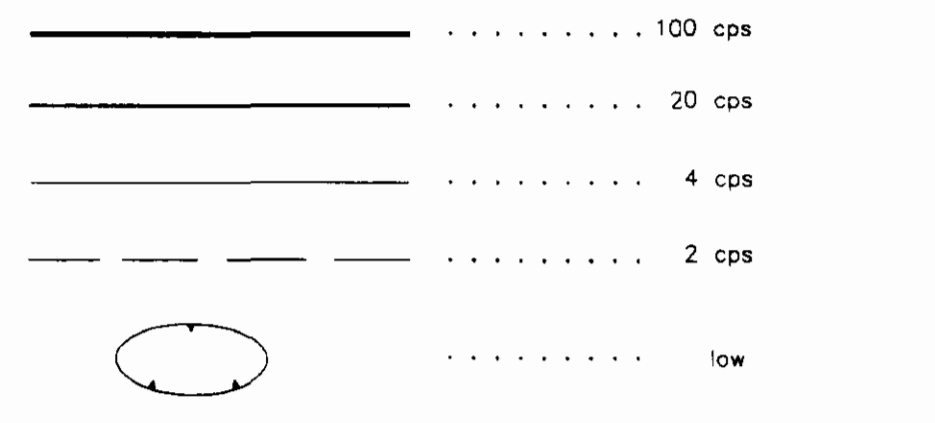
**FLIGHT LINES WITH EM ANOMALIES**



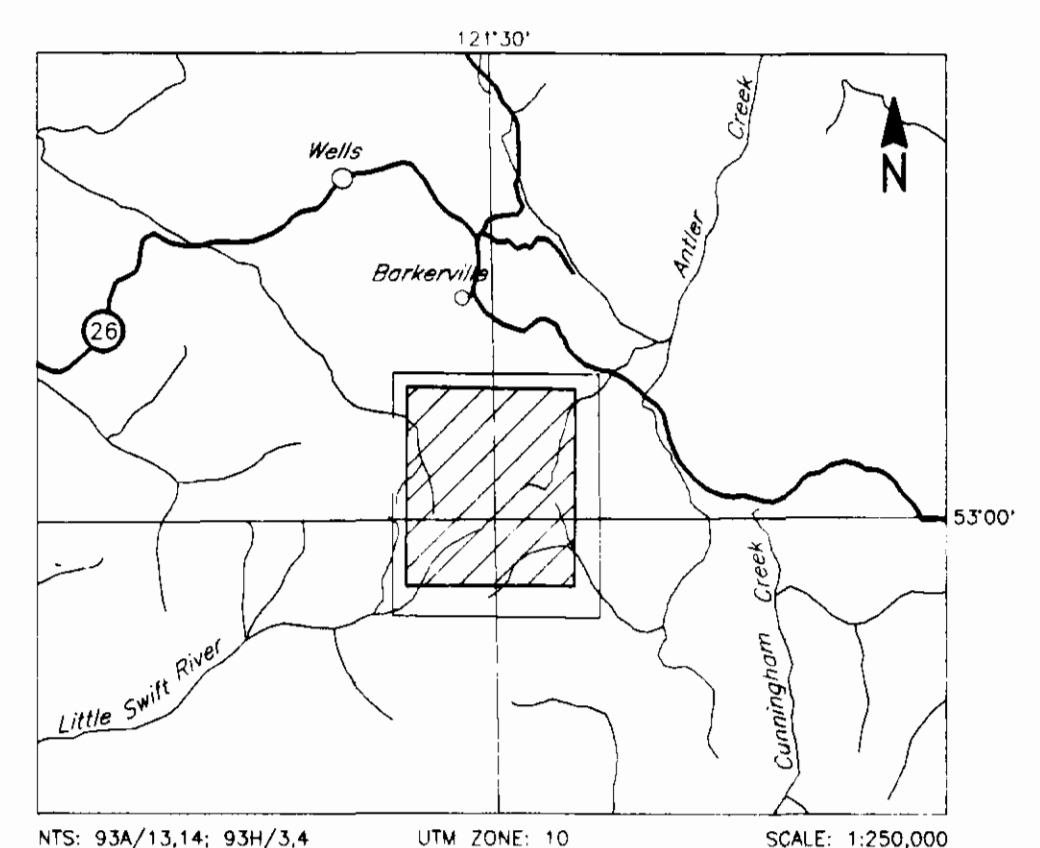
**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

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**CONTOUR INTERVALS**



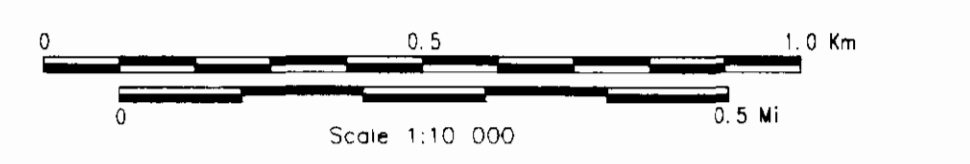
**LOCATION MAP**



**KENNECOTT CANADA INC.**  
BALD MOUNTAIN AREA, B.C.

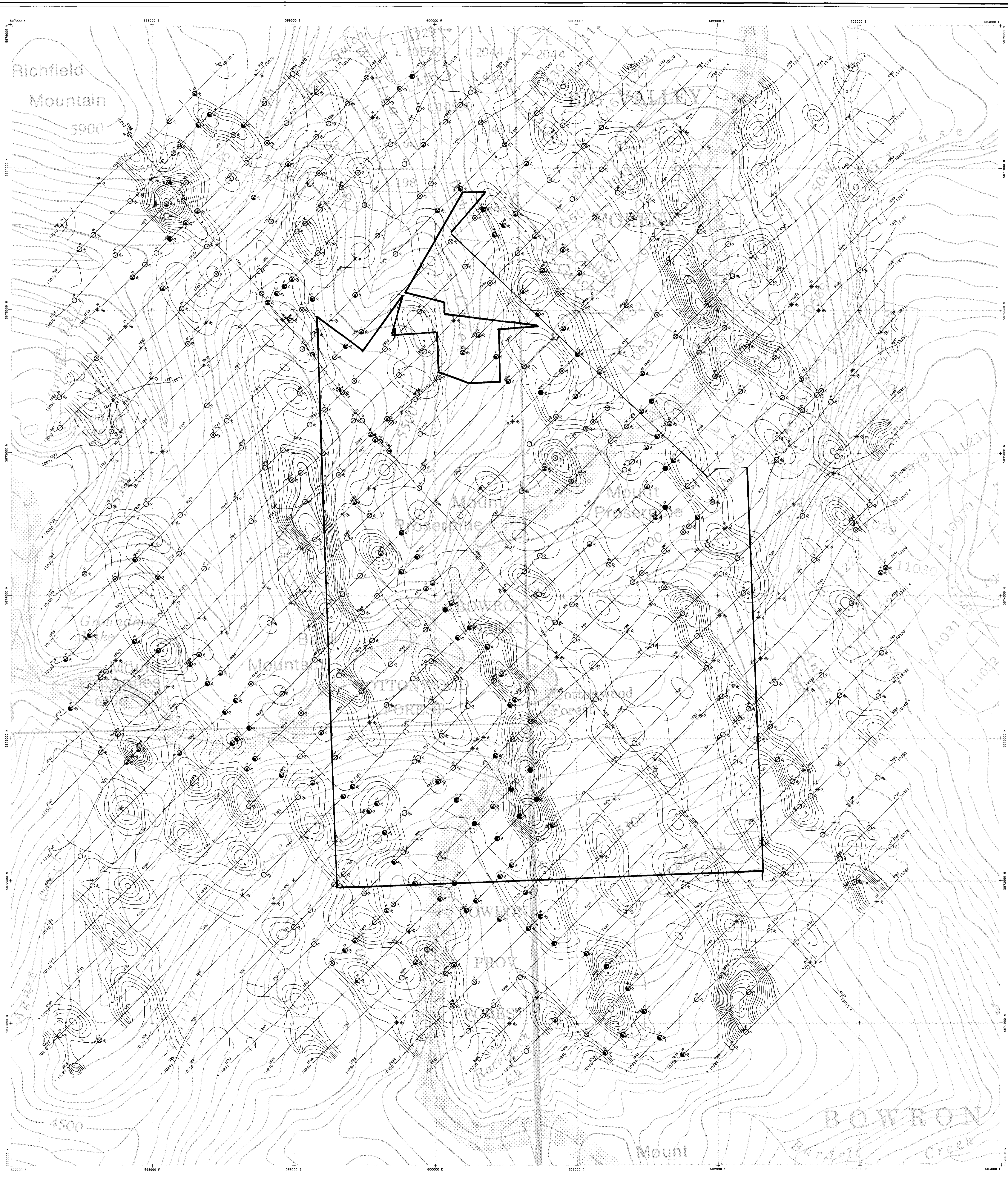
**RADIOMETRICS THORIUM COUNTS**

DIGEM SURVEY	NTS: 93A/13.14; 93H/3.4	GEOPHYSICIST: RFP
DATE: AUGUST 1995	JOB: 1229	SHEET: 1
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**DIGEM**  
Quality and Service. Always.





**TECHNICAL SUMMARY**

Navigation	.....	Sercol real time differential GPS positioning
Data reduction grid interval	.....	50 metres
terrain clearance	.....	Helicopter, Spectrometer 60 m
		Electromagnetic sensor 30 m
		Magnetometer, VLF receiver 40 m
Data sampling interval	.....	0.1 second
Magnetometer / sensitivity	.....	Scintrex cesium / 0.01 nT
VLF receiver / sensitivity	.....	Merz 2A / 1%
Electromagnetic system	.....	DIGHEM
Spectrometer	.....	CR800

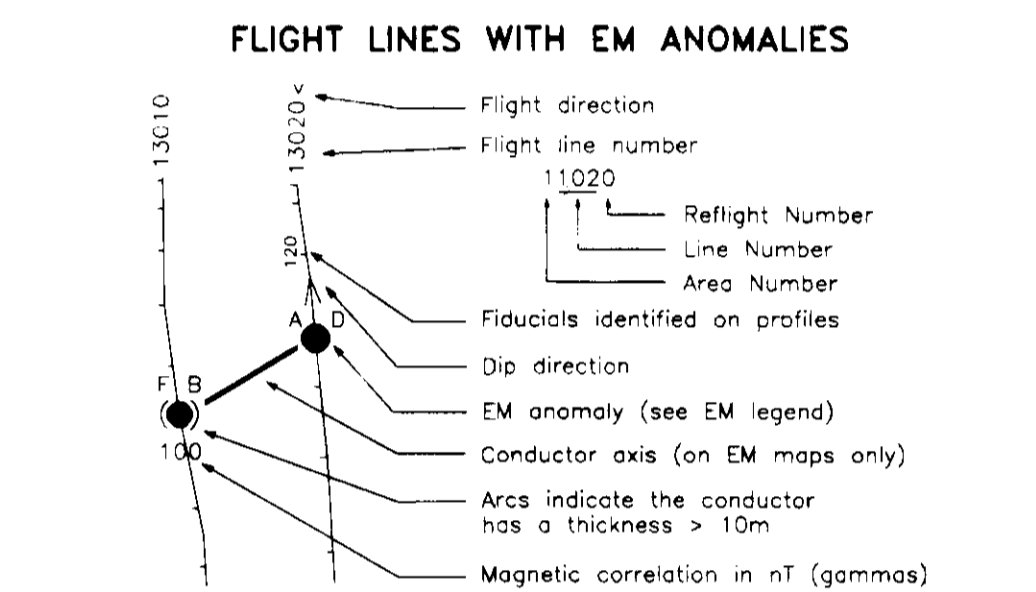
Frequency	Sensitivity	Coil Orientation
500 Hz	0.1 ppm	Vertical coplanar
8500 Hz	0.2 ppm	Vertical coplanar
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar

**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	<1 siemens
-	*	Questionable anomaly

**Interpretive symbol**

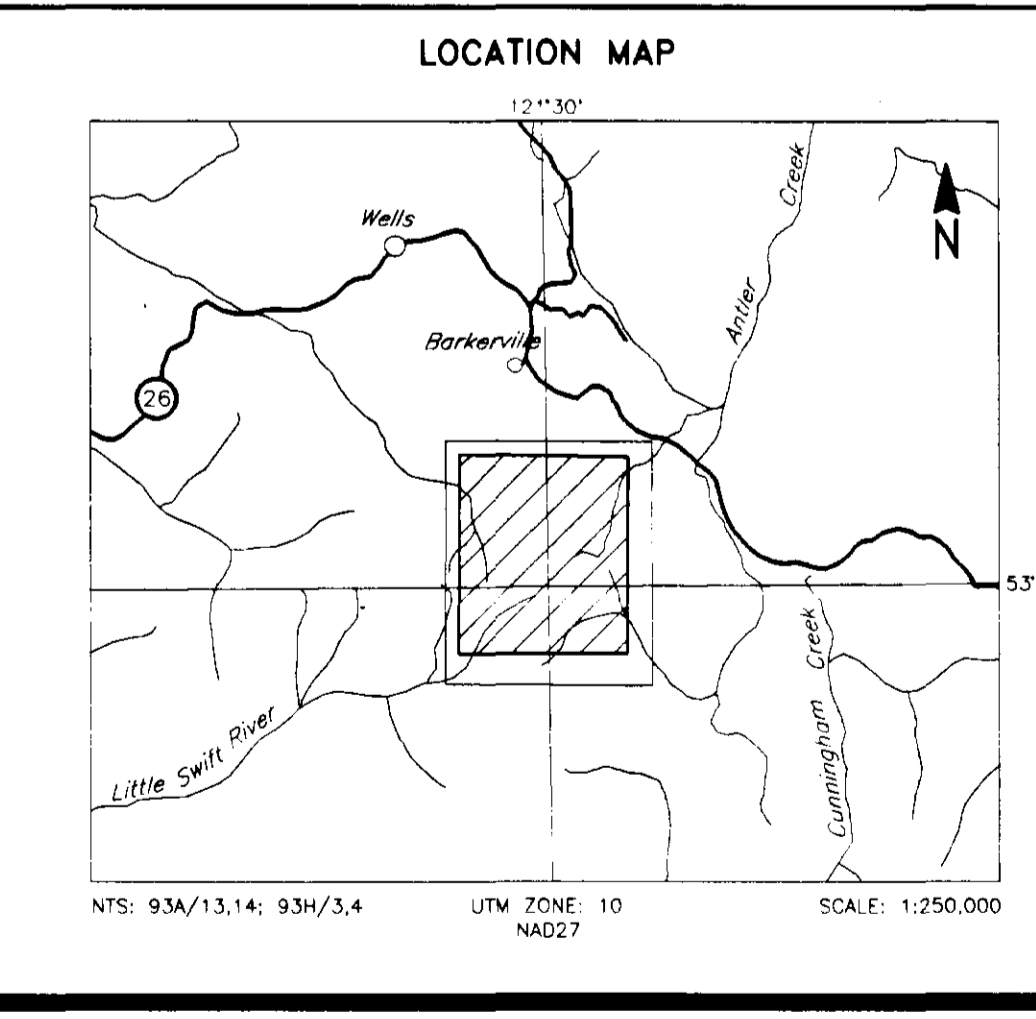
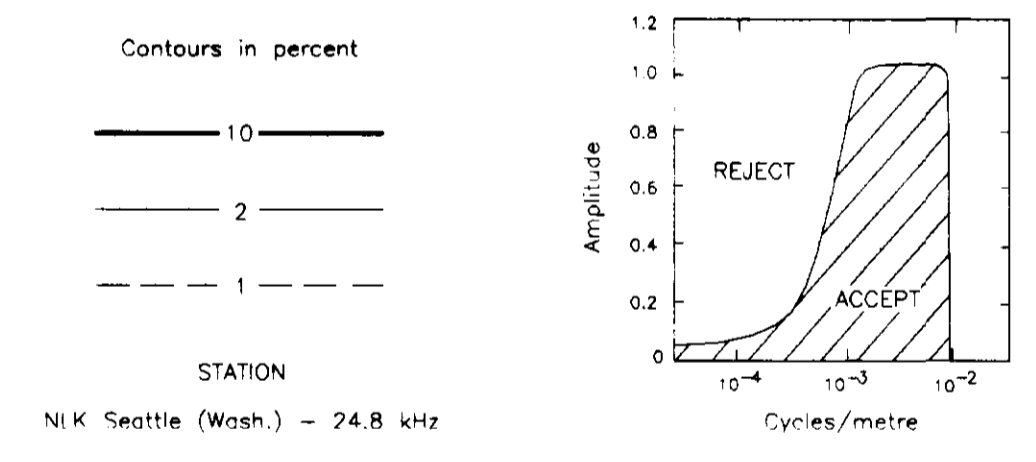
Interpretive symbol	Interpretation
S	Bedrock conductor ("mode")
D	Narrow bedrock conductor ("thin dike")
C	Conductive cover ("horizontal thin sheet")
H	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
E	Edge of broad conductor ("edge of half space")
L	Culture, e.g. power line, metal building or fence



**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

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**VLF CONTOURS**



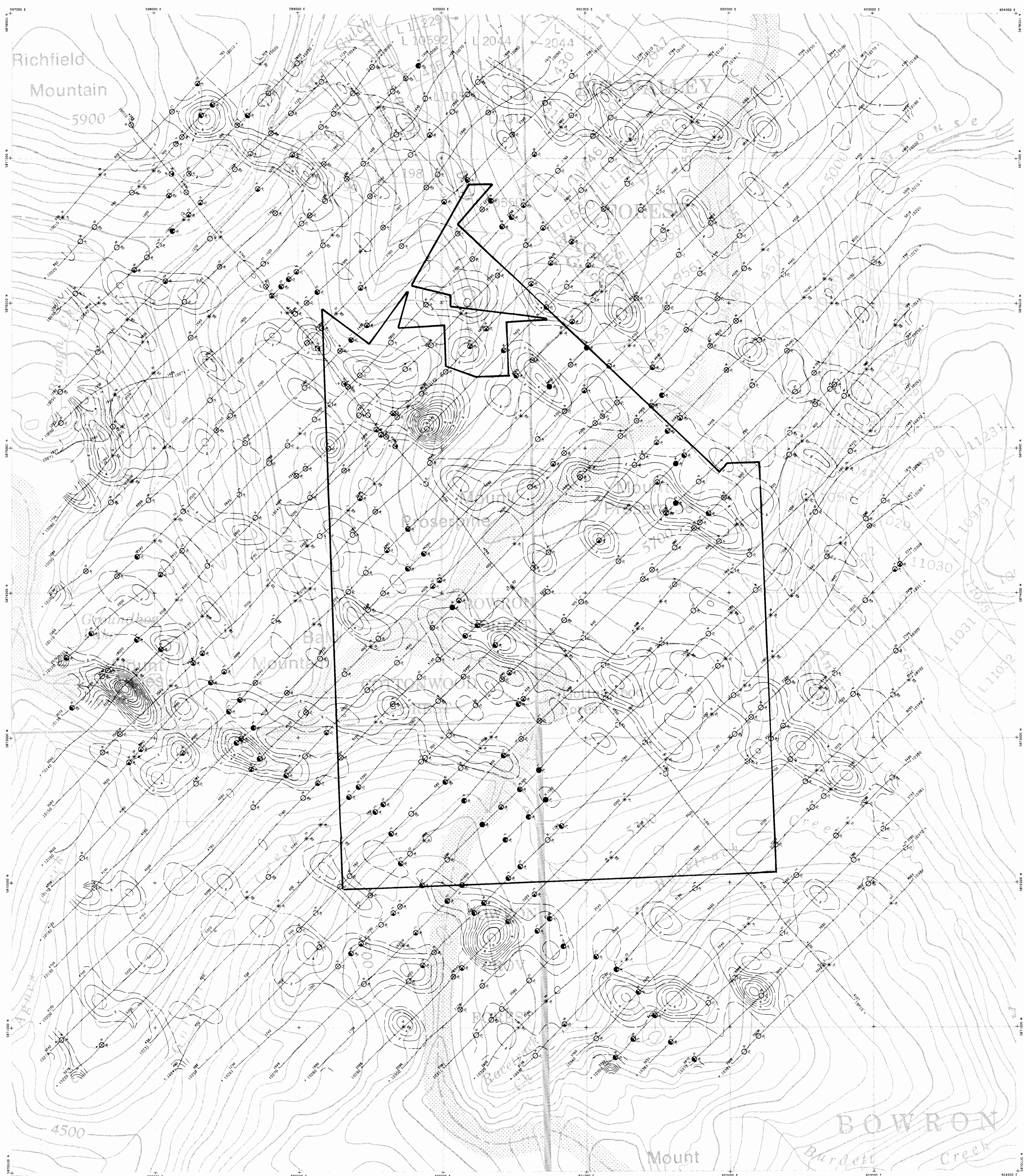
**KENNECOTT CANADA INC.**  
BALD MOUNTAIN AREA, B.C.

**FILTERED VLF**

DIGHEM SURVEY	NTS: 93A/13.14; 93H/3.4	GEOPHYSICIST: <b>RF</b>
DATE: AUGUST 1995	JOB: 1229	SHEET: 1

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**TECHNICAL SUMMARY**

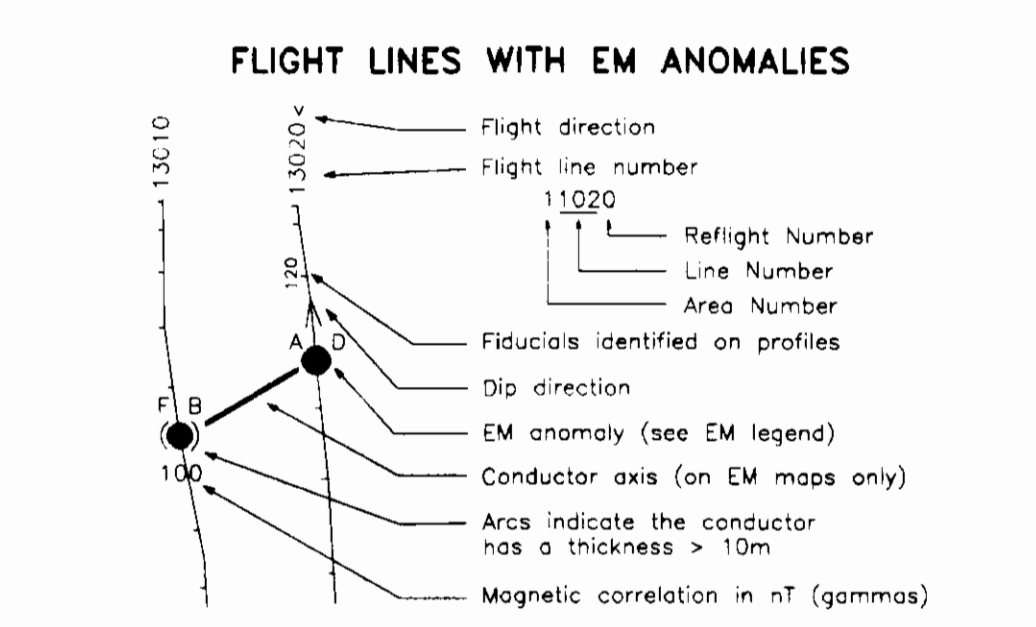
Navigation: Serial real time differential GPS positioning  
 Data reduction grid interval: 50 metres  
 Terrain clearance: Helicopter, Spectrometer 60 m  
 Electromagnetic sensor: 30 m  
 Magnetometer: VLF receiver 40 m  
 Data sampling interval: 0.1 seconds  
 Magnetometer / sensitivity: Scintrex cesium / 0.01 nT  
 VLF receiver / sensitivity: Herz 2A / 1%  
 Electromagnetic system: DIGHEM  
 Spectrometer: CR520

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coaxial
5500 Hz	0.2 ppm	Vertical coaxial
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar

**ELECTROMAGNETIC ANOMALIES**

Grade	Anomaly	Conductance
7	●	>100 siemens
6	●	50-100 siemens
5	●	20-50 siemens
4	●	10-20 siemens
3	●	5-10 siemens
2	●	1-5 siemens
1	●	< 1 siemens
-	*	Questionable anomaly

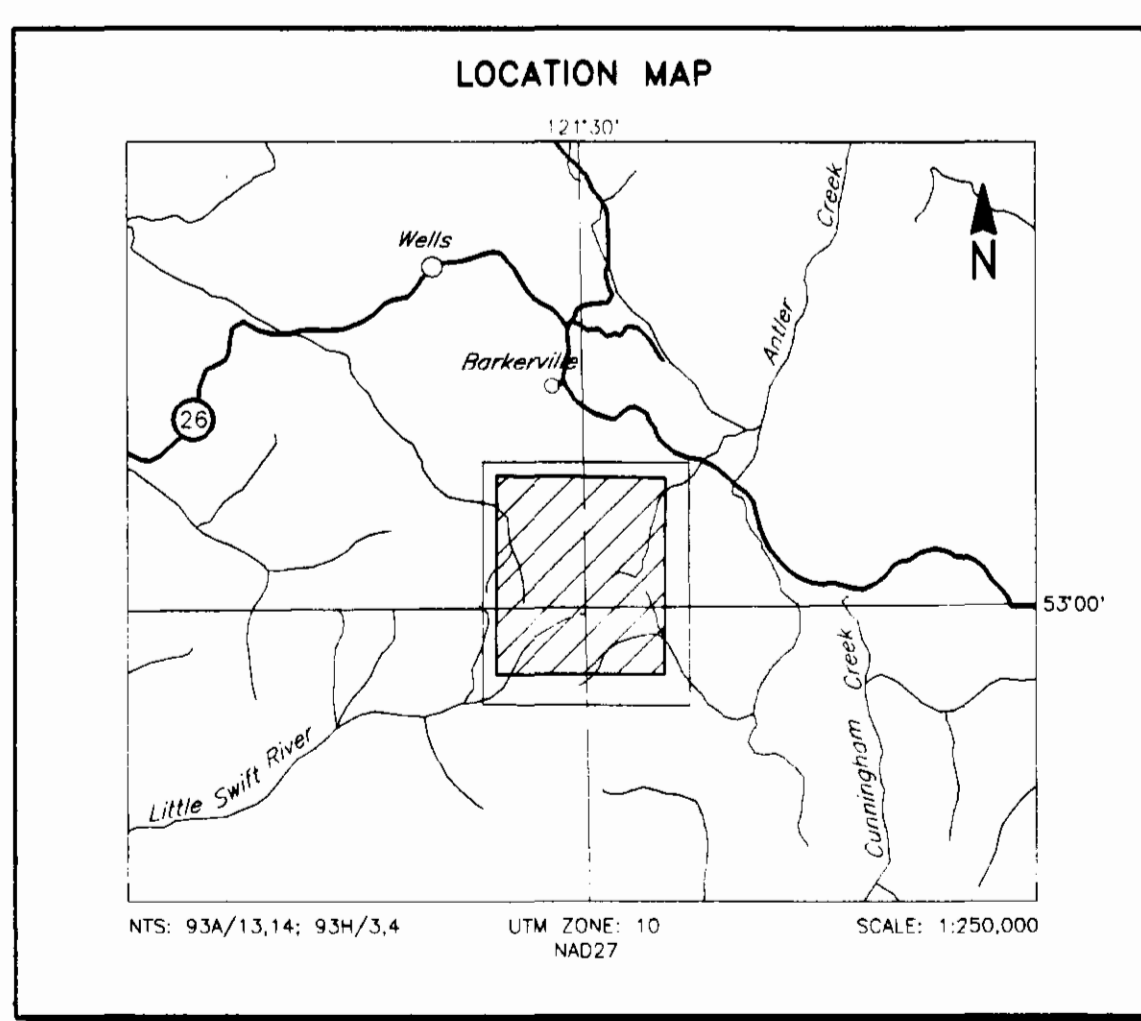
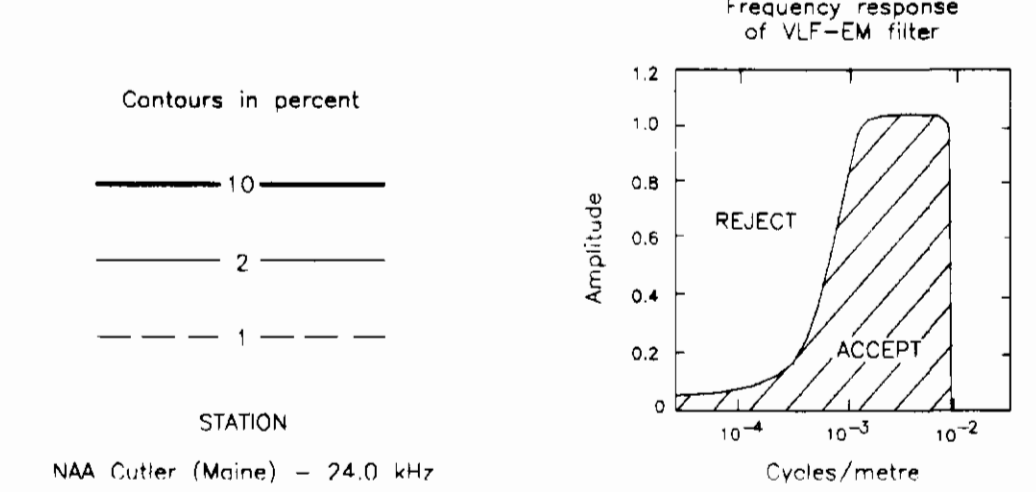
Interpretive symbol	Conductor ("mode")
B	Bedrock conductor
D	Narrow bedrock conductor ("thin dike")
S	Broad conductive rock unit, deep conductive weathering, thick conductive cover ("half space")
E	Edge of broad conductor ("edge of half space")
L	Culture, e.g. power line, metal building or fence



**GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT**

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**VLF CONTOURS**

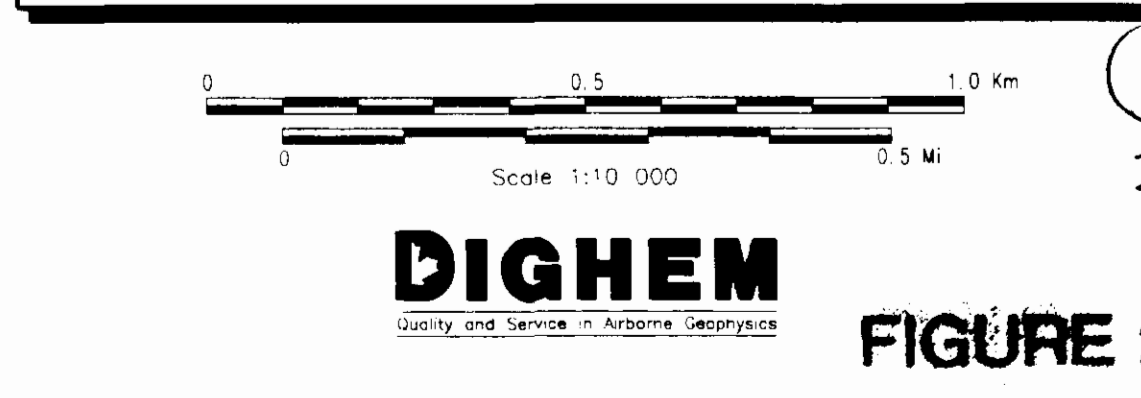


**KENNECOTT CANADA INC.**  
 BALD MOUNTAIN AREA, B.C.

**FILTERED VLF**

DIGHEM SURVEY	NTS: 93A/13.14; 93H/3.4	GEOPHYSICIST: [Signature]
DATE: AUGUST 1995	JOB: 1229	SHEET: 1

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2/2