

TECHNICAL REPORT OF ACTIVITIES
ON THE
GRIZZLY DIAMOND DRILLING PROJECT

ATLIN MINING DIVISION
NTS: 104K
LONG: 132° 17' W LAT: 58° 13' N

Owned & Operated By:

North American Metals Corp.
1500-700 West Pender Street
Vancouver, B.C., V6C 1G8

EXPLORE B.C. PROGRAM
Grant I.D. #95/96 A-118

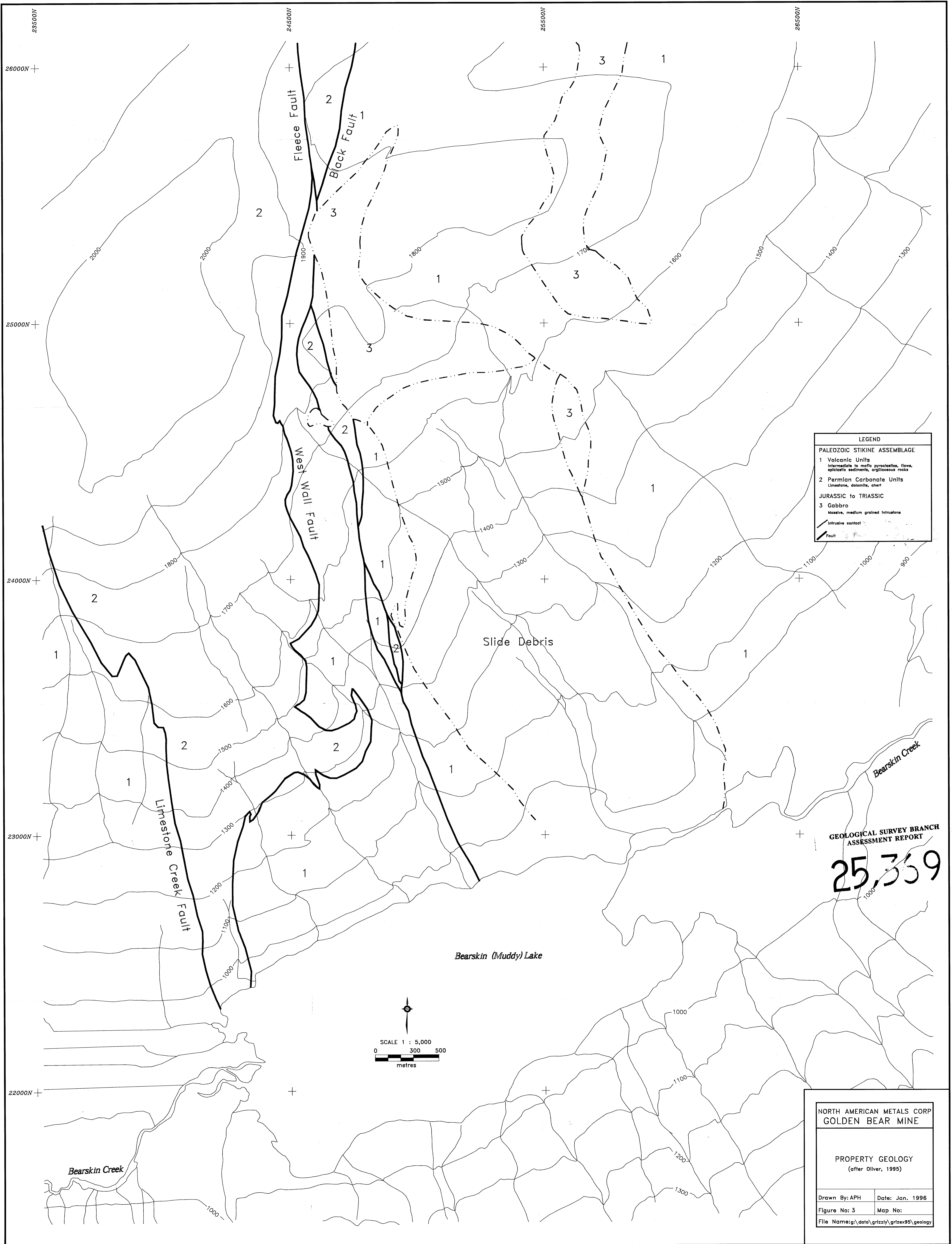
Volume III
Figures

Andrew P. Hamilton, B.Sc.

January 1995

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

25,369



LEGEND

PALEOZOIC STIKINE ASSEMBLAGE

1 Volcanic Units
Intermediate to mafic pyroclastics, flows, epiclastic sediments, argillaceous rocks

2 Permian Carbonate Units
Limestone, dolomite, chert

JURASSIC to TRIASSIC

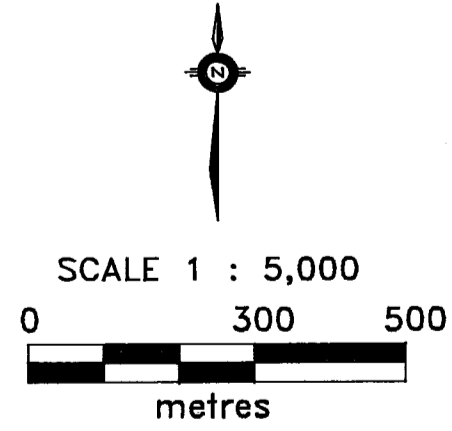
3 Gabbro
Massive, medium grained intrusions

Intrusive contact

Fault

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

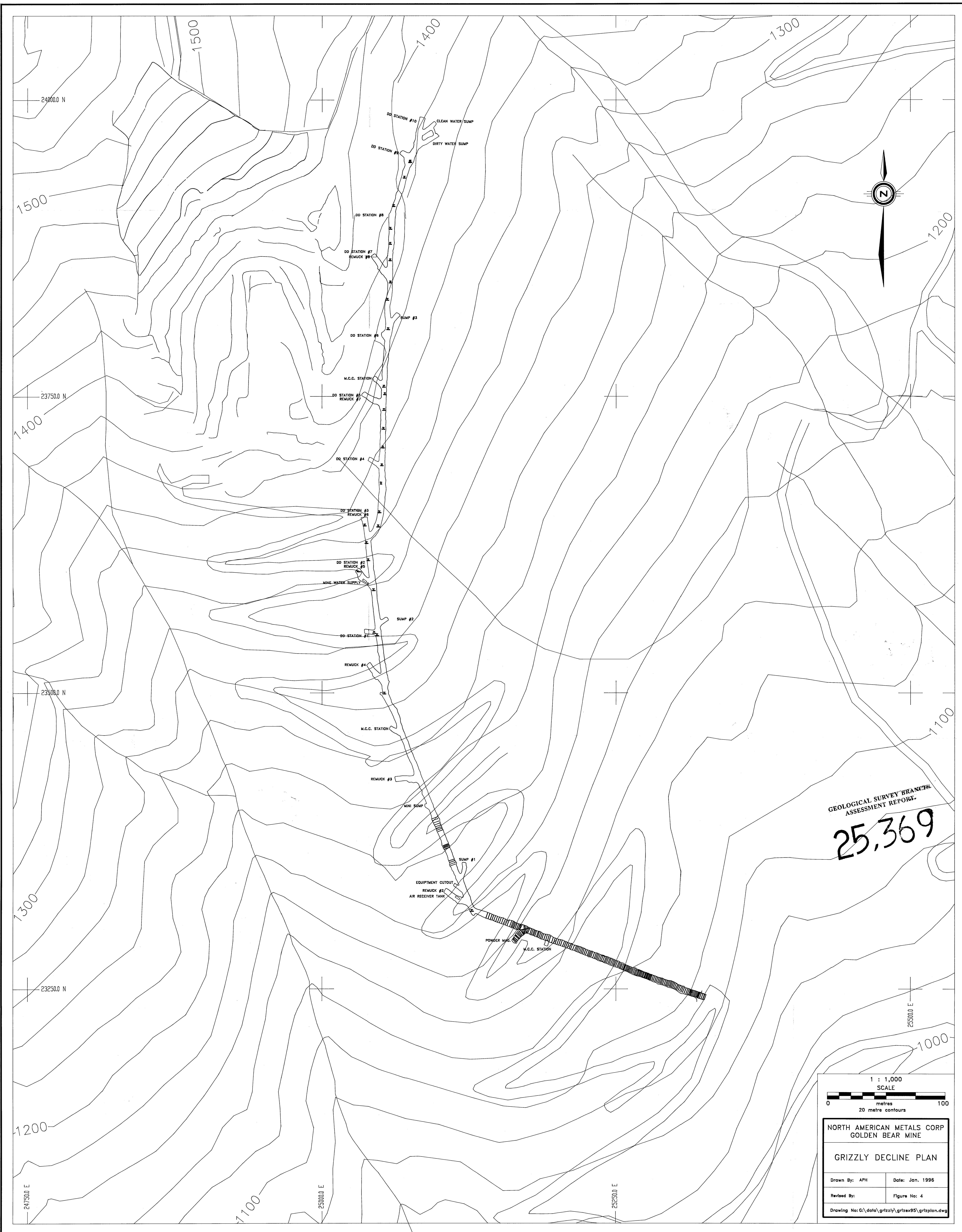
25,359



NORTH AMERICAN METALS CORP
GOLDEN BEAR MINE

PROPERTY GEOLOGY
(after Oliver, 1995)

Drawn By: APH Date: Jan. 1996
Figure No: 3 Map No:
File Name: g:\data\grtzi\grtze95\geology



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,369

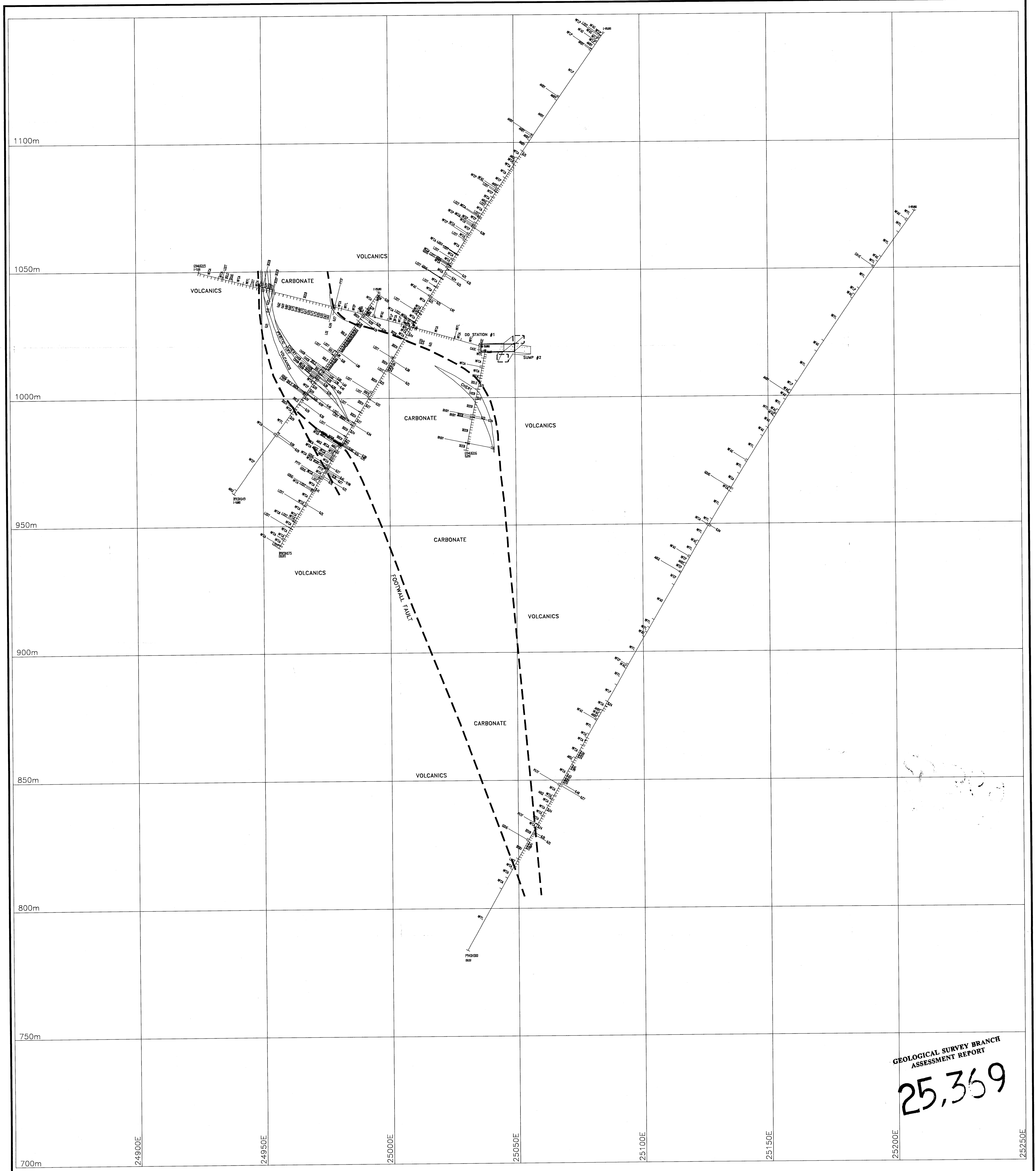
1 : 1,000
SCALE

0 20 metres 100
20 metre contours

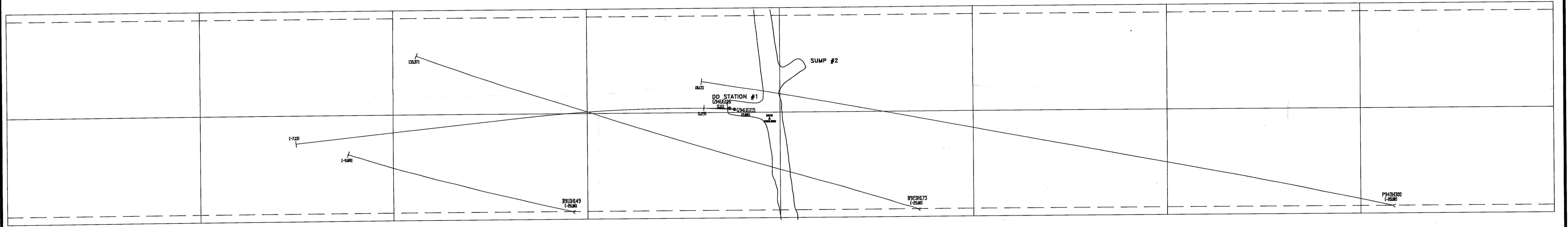
NORTH AMERICAN METALS CORP
GOLDEN BEAR MINE

GRIZZLY DECLINE PLAN

Drawn By: APH	Date: Jan. 1996
Revised By:	Figure No: 4
Drawing No: G:\data\grizzly\grz2x95\grzplan.dwg	



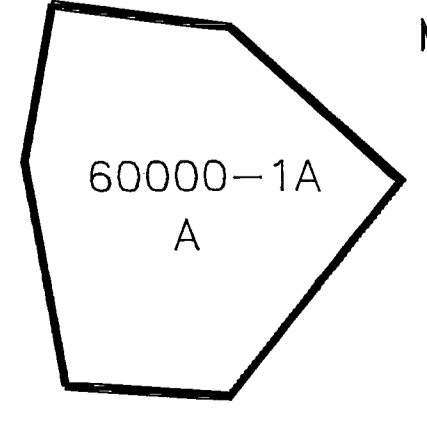
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,369



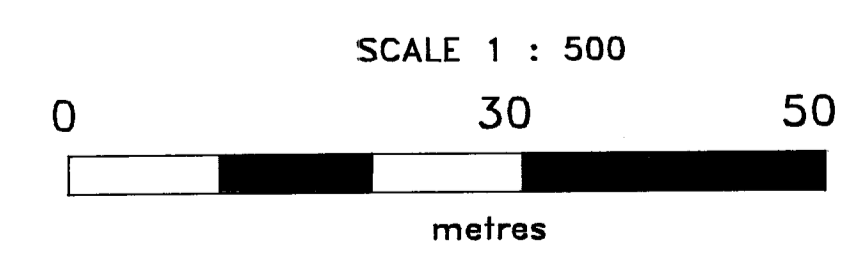
LEGEND

DRILL HOLE TRACE
Lithology
Collar
Square indicates where drill hole pierces the plane of the section.
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
On Section Plane
Off Section Borders



MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
POLYGON CATEGORY
A - PROBABLE / Drill intersection on this section and adjacent sections
B - INDICATED / Drill intersection on this section but not on adjacent sections
C - INFERRED / No drill intersections - based on geology



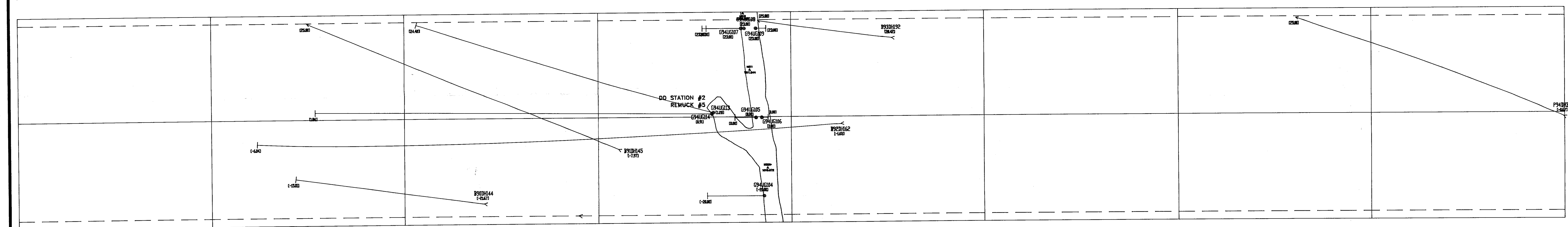
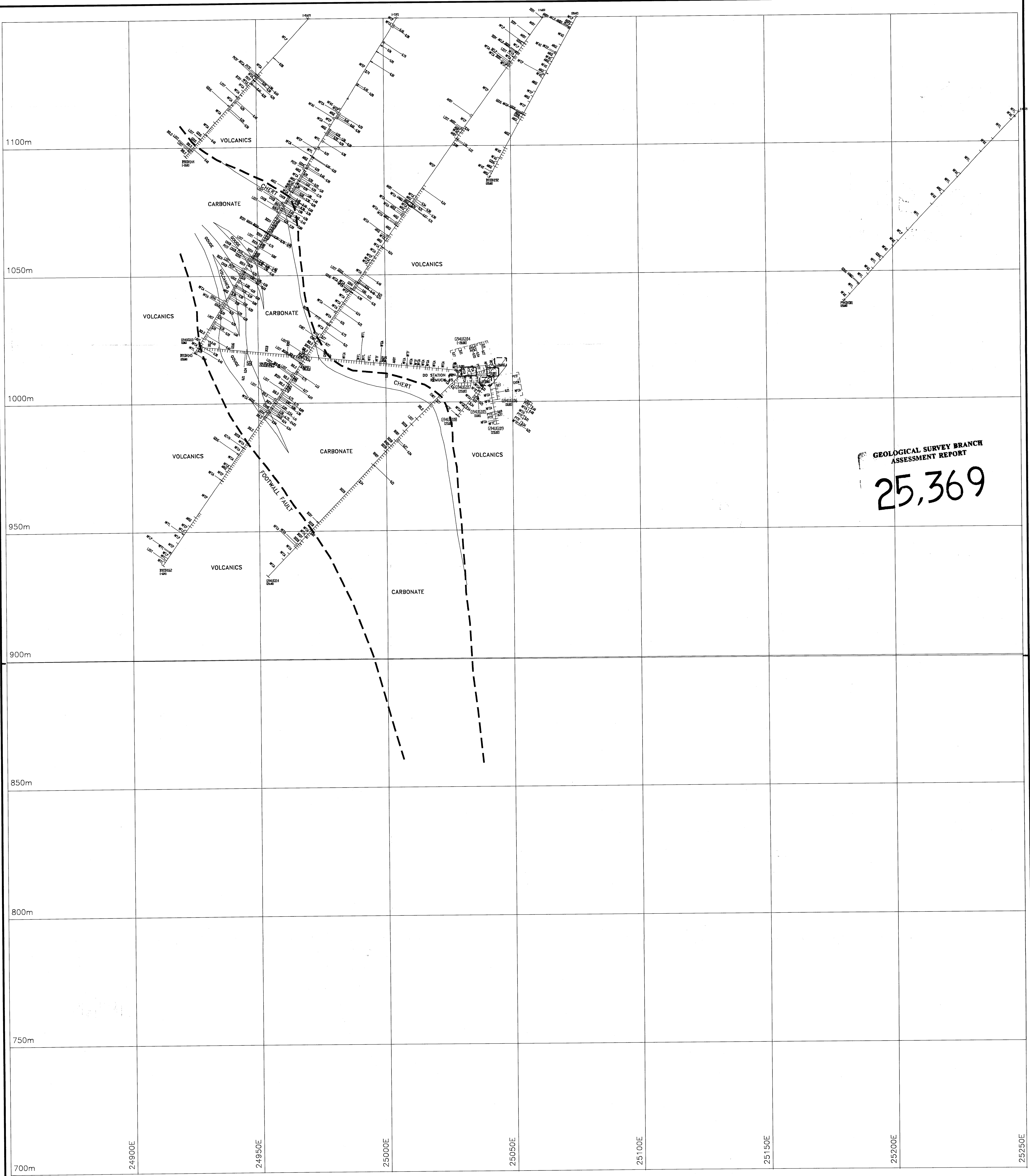
NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

REVISIONS	
No	Date

GRIZZLY ZONE
VERTICAL SECTION
G23550N

SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS
Figure No: 7 File:
Filename: G:\data\grizzly\sections\g23550n
Approved: Report:
Drawn By: APH Date: Jan. 1996

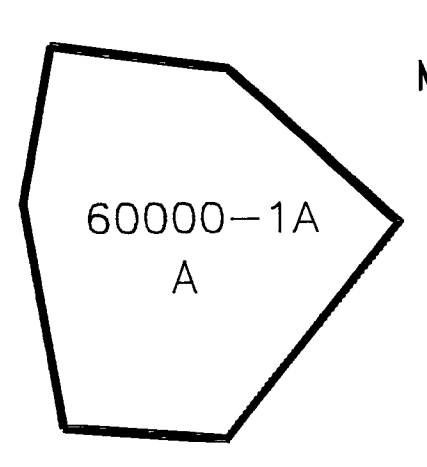
GEOLOGICAL SURVEY BRANCH
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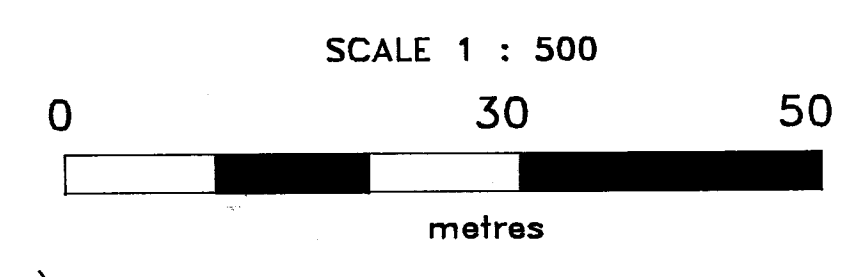
LEGEND

DRILL HOLE TRACE
Lithology
Collar
Square indicates where drill hole pierces the plane of the section.
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
Entering or Leaving Section
On Section Plane
Hidden Corners (looking north)
Exposed Corners (looking north)



MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
POLYGON CATEGORY
A - PROBABLE / Drill intersection on this section and adjacent sections
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C - INFERRED / No drill intersections - based on geology



NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

REVISIONS	
No	Date

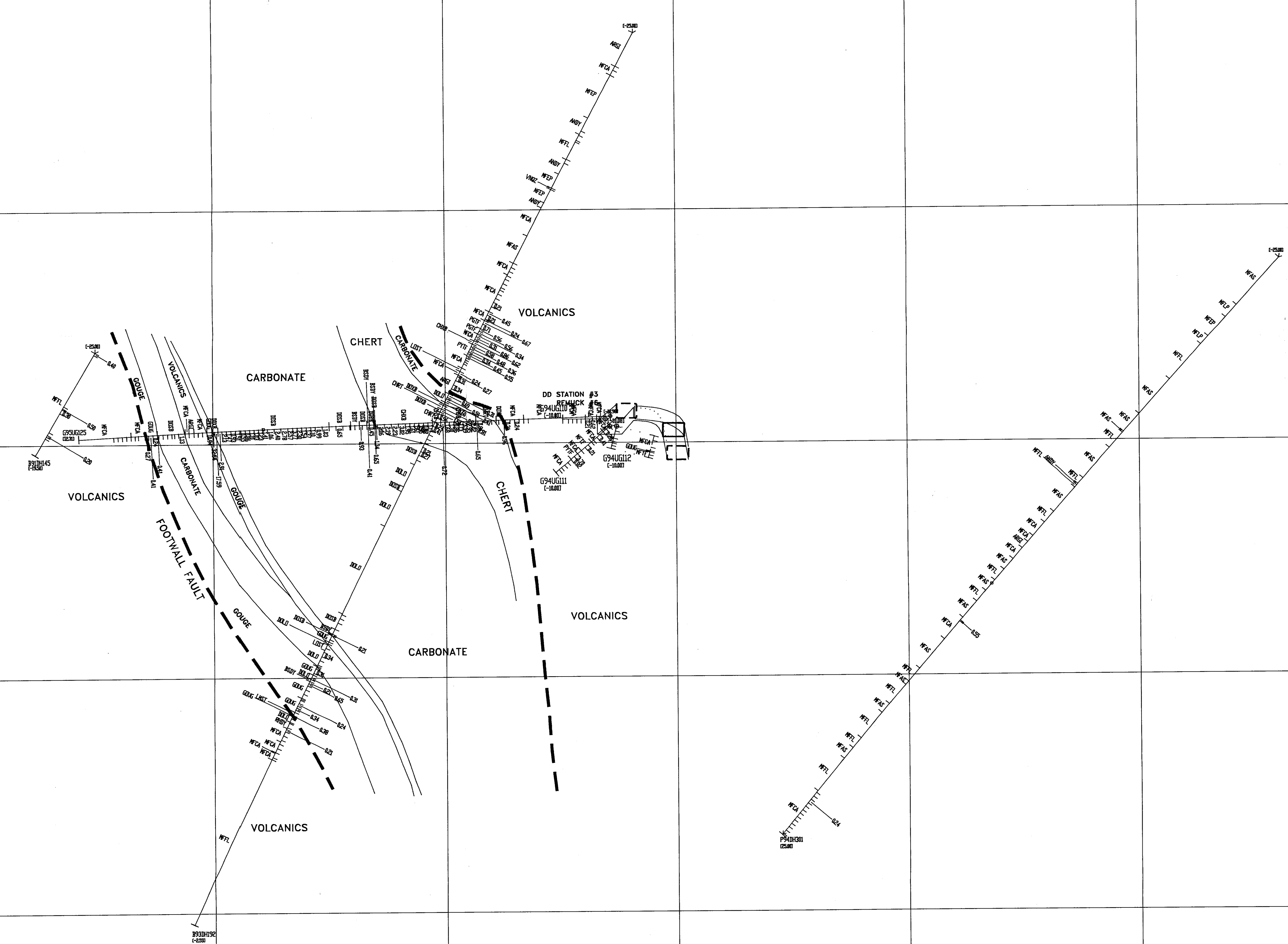
GRIZZLY ZONE
VERTICAL SECTION
G23600N

SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS

Figure No: 8 File:
Filename: g:\data\grizzly\sections\23600n
Approved: Report:
Drawn By: APH Date: Jan. 1996

1100m
1050m
1000m
950m
900m
850m
800m
750m
700m

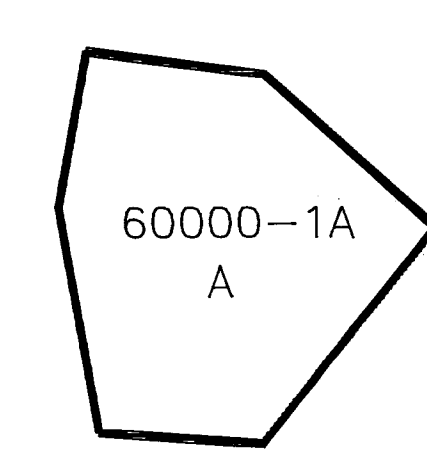
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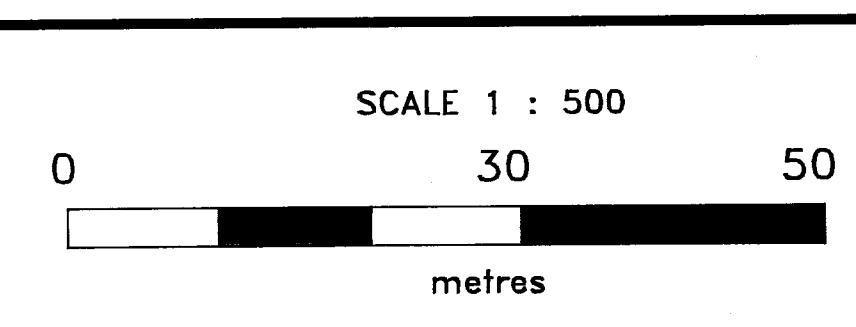
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,339

LEGEND
DRILL HOLE TRACE
 Lithology
 Collar
 Square indicates where drill hole pierces the plane of the section.
 Au assays in grams / tonne
 Drill hole name
 Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
 On Section Plane
 Off Section Borders



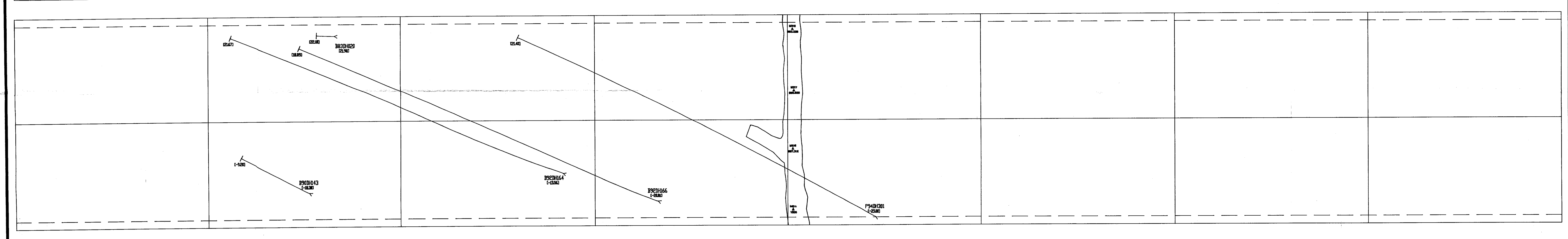
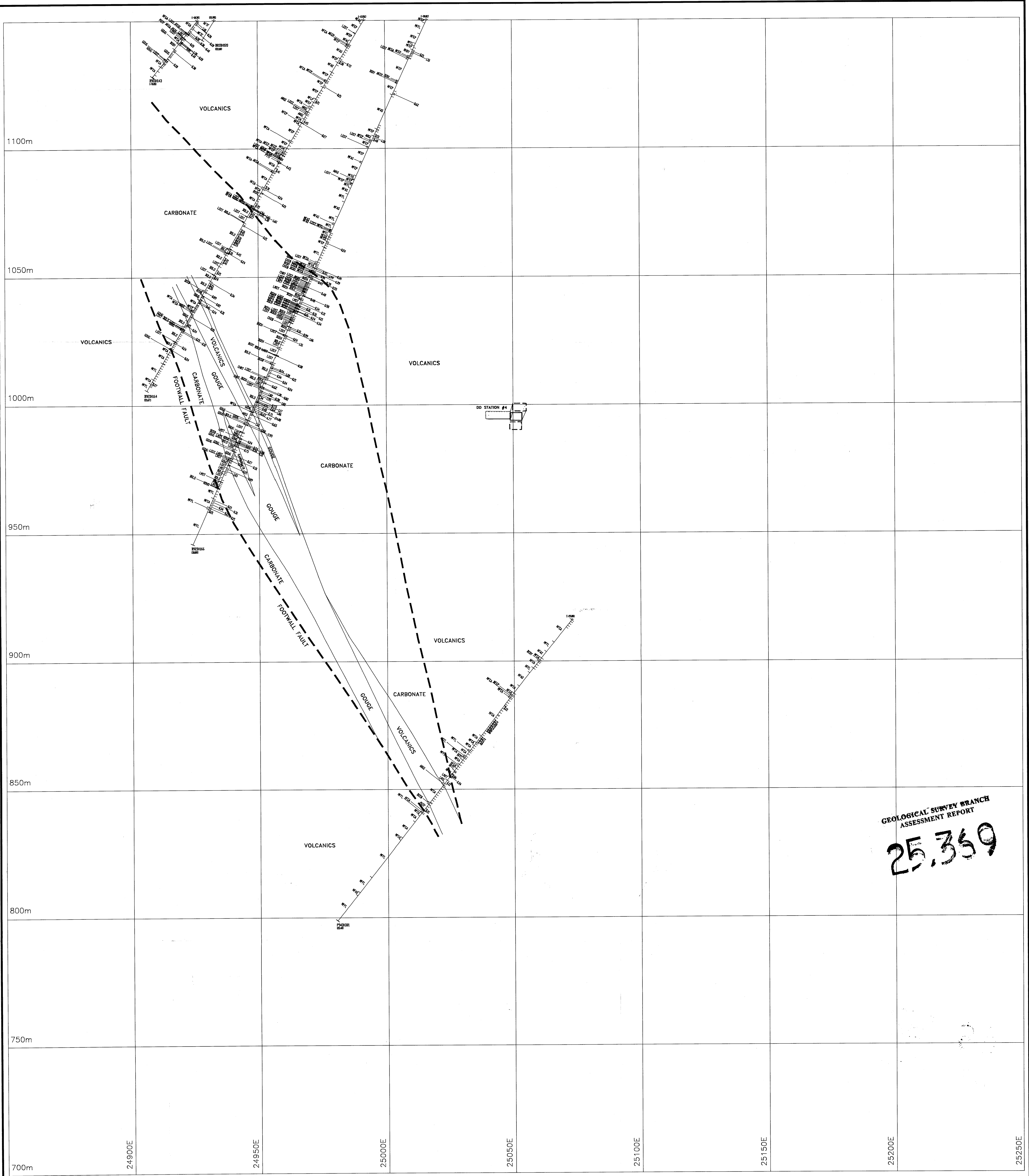
MINERAL INVENTORY POLYGON
 Polygon Number (section / number / polygon category)
POLYGON CATEGORY
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NORTH AMERICAN METALS CORP. GOLDEN BEAR MINE	
REVISIONS	
No.	Date

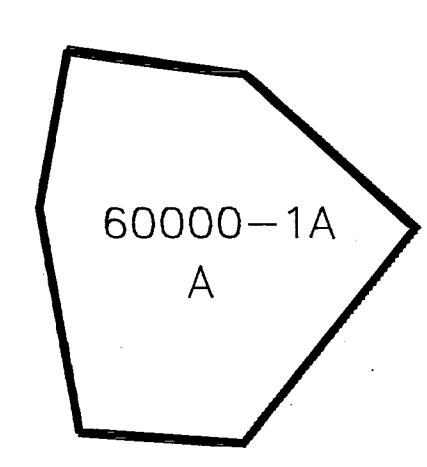
**GRIZZLY ZONE
VERTICAL SECTION
G23650N**
 SECTION THICKNESS = 50 metres
 DRILL HOLE LITHOLOGIES & AU ASSAYS
 MINERAL INVENTORY POLYGONS
 Figure No: 9
 File:
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 Approved: Report:
 Drawn By: APH Date: Jan. 1995

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25.359

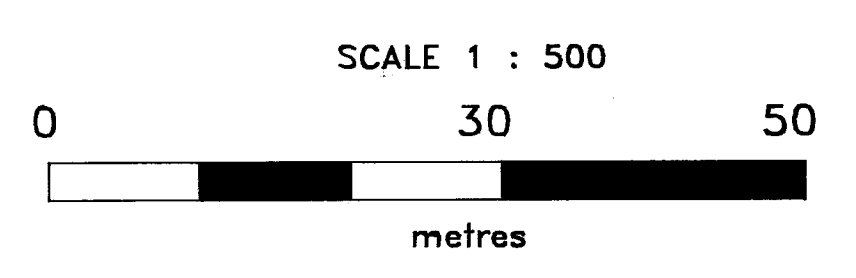


LEGEND
DRILL HOLE TRACE
 Lithology
 Collar
 Square indicates where drill hole pierces the plane of the section.
 Au assays in grams / tonne
 T93DH200 Drill hole name
 [10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
 On Section Plane
 Off Section Borders



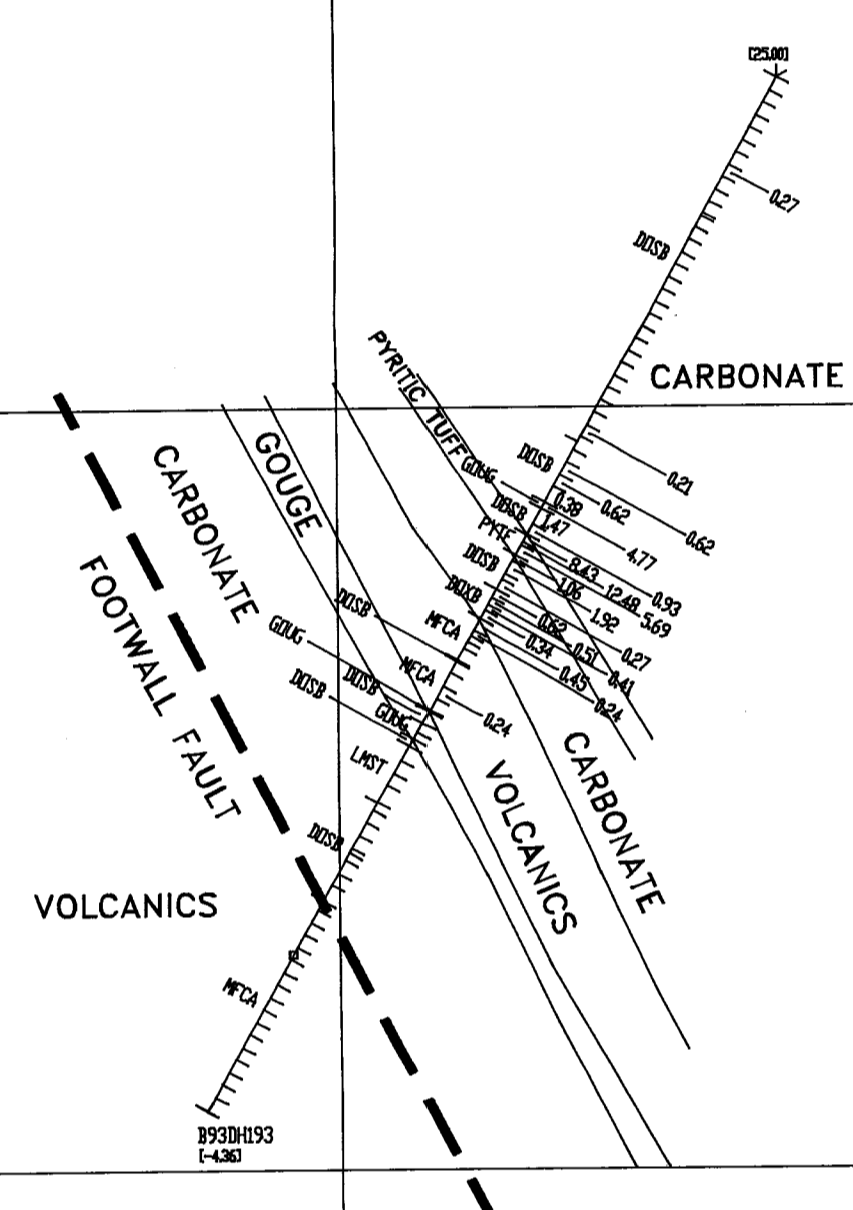
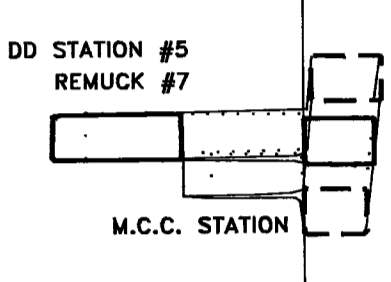
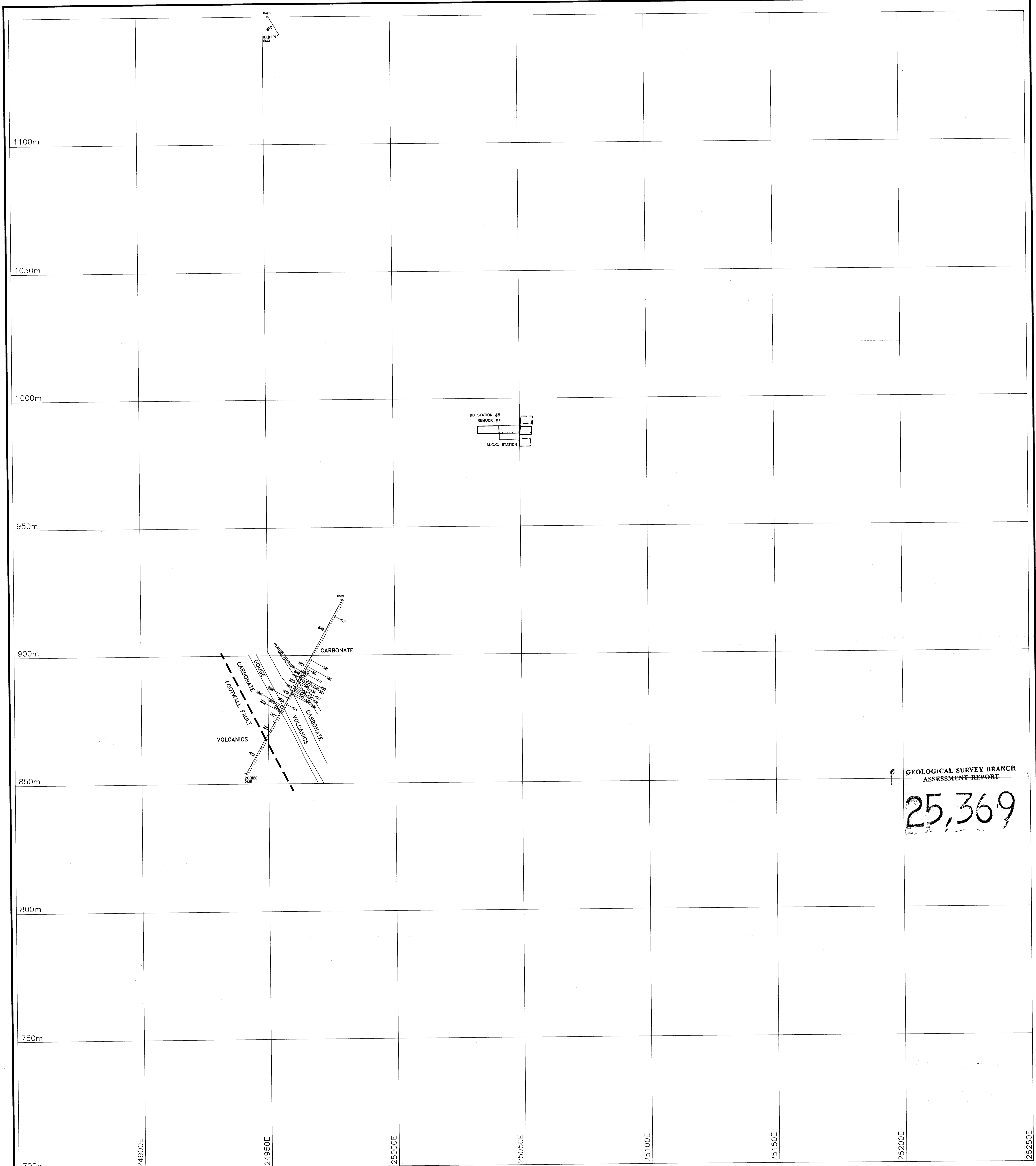
MINERAL INVENTORY POLYGON
 Polygon Number (section / number / polygon category)
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NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

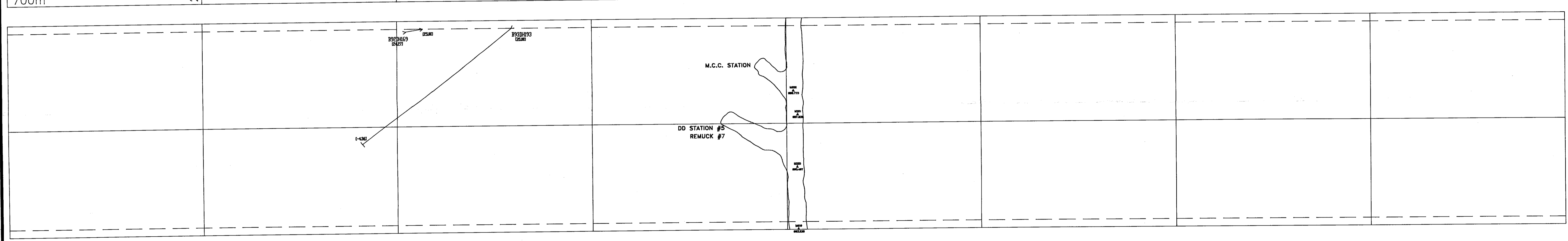
REVISIONS		
No.	Item	Date

GRIZZLY ZONE VERTICAL SECTION G23700N
 SECTION THICKNESS = 50 metres
 DRILL HOLE LITHOLOGIES & AU ASSAYS
 MINERAL INVENTORY POLYGONS
 Figure No: 10 File:
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 Approved: Report:
 Drawn By: APH Date: Jan. 1996



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

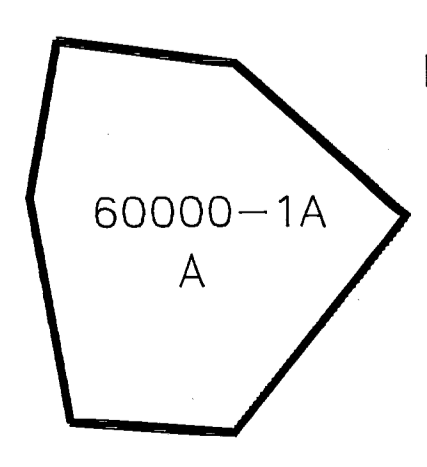
25,369



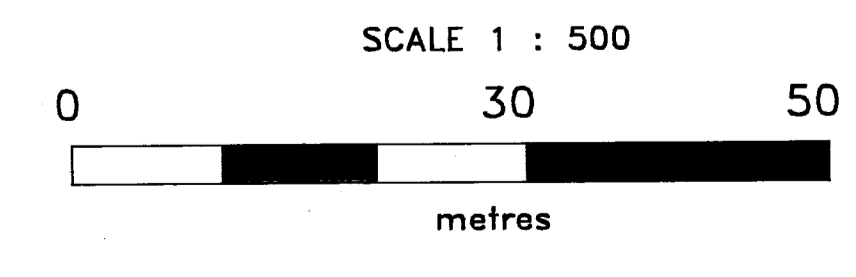
LEGEND

DRILL HOLE TRACE
Lithology
Collar
Square indicates where drill hole pierces the plane of the section.
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
On Section Plane
Off Section Borders



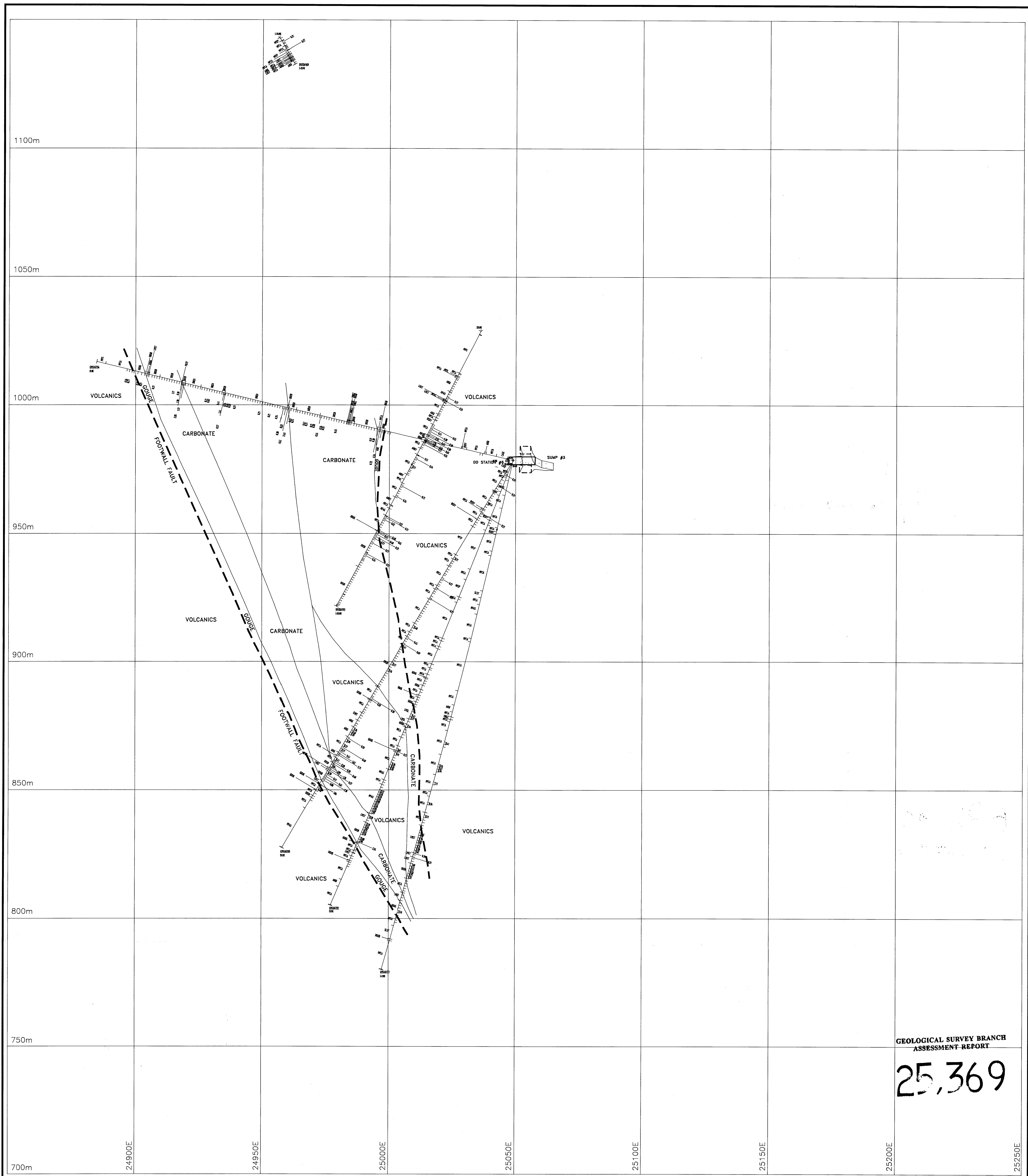
MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
POLYGON CATEGORY
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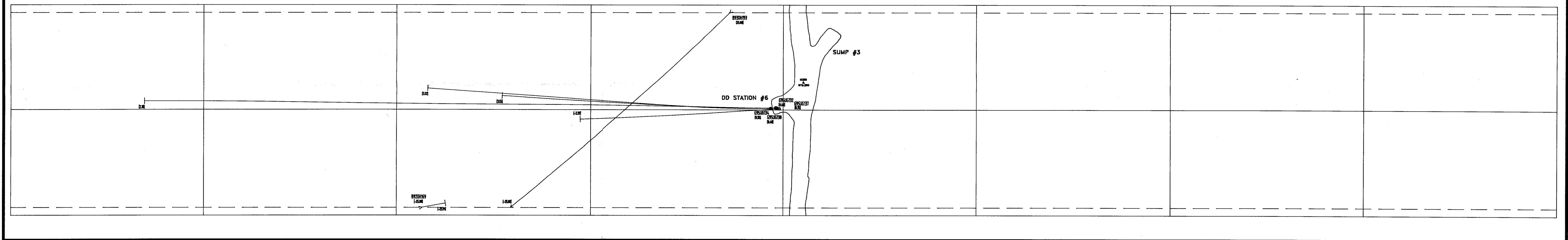
NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

REVISIONS	
No.	Date

GRIZZLY ZONE
VERTICAL SECTION
G23750N
SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS
Figure No: 11 File:
Filename: g:\data\grizzly\sections\g23750n
Approved: Report:
Drawn By: APH Date: Jan. 1996



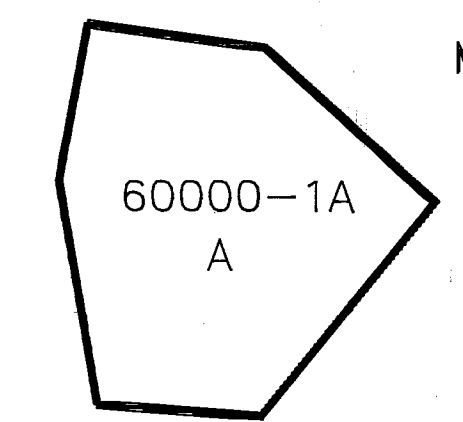
GEOLOGICAL SURVEY BRANCH
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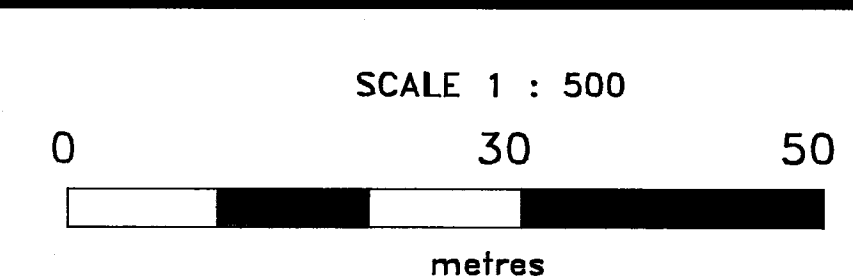
LEGEND

DRILL HOLE TRACE
Lithology
Collar
Square indicates where drill hole pierces the plane of the section.
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
On Section Plane
Off Section Borders

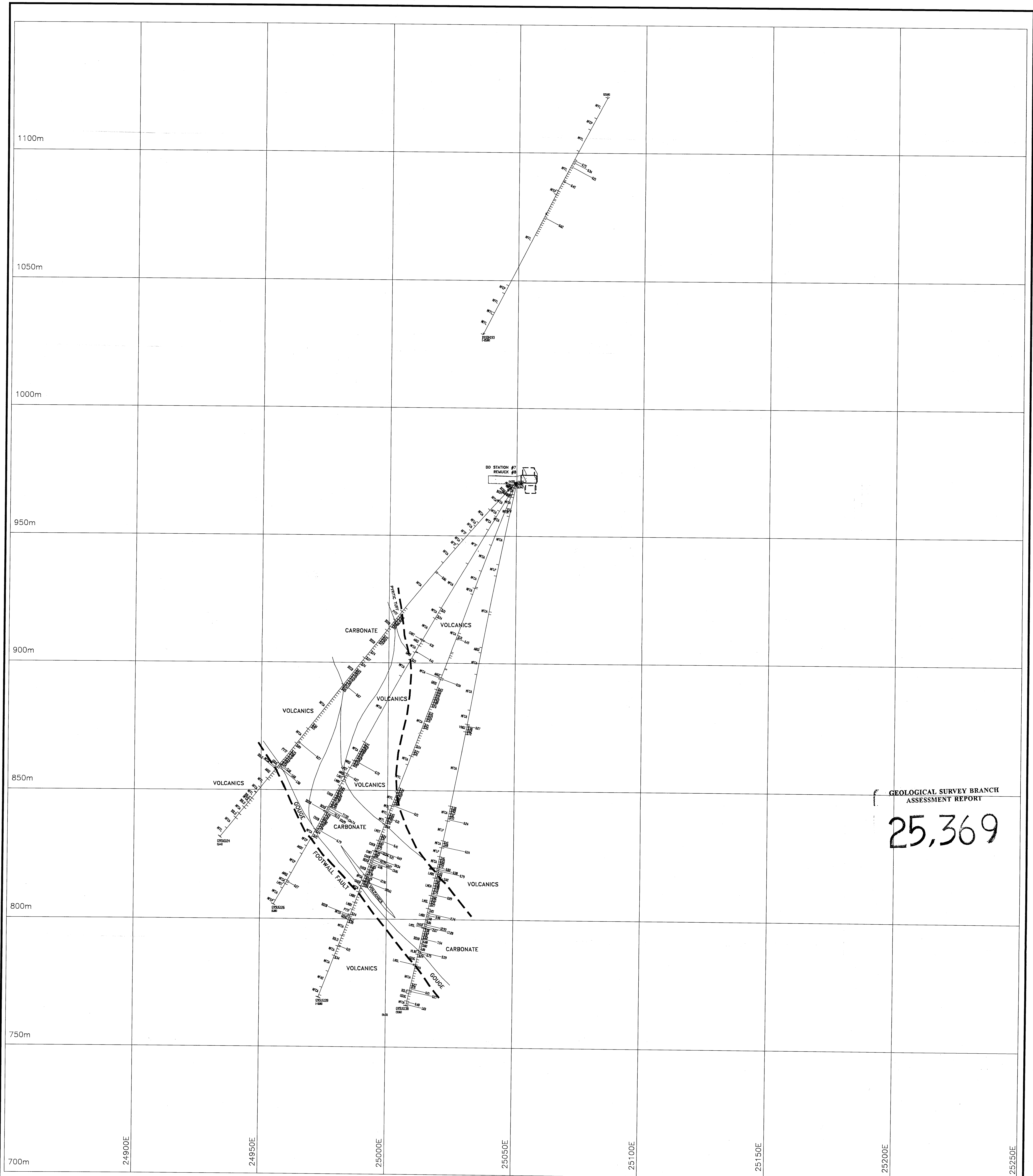


MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
POLYGON CATEGORY
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C - INFERRED / No drill intersections - based on geology



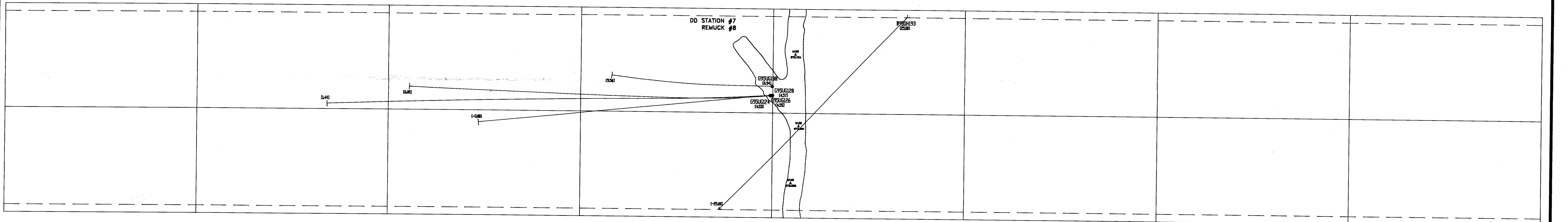
NORTH AMERICAN METALS CORP. GOLDEN BEAR MINE		
REVISIONS		
No.	Item	Date
1	Add 0920137 to section	25/07/1995

GRIZZLY ZONE VERTICAL SECTION
G23800N
SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS
Figure No: 12 File:
Filename: g:\data\grizzly\sections\g23800n
Approved: Report:
Drawn By: APH Date: Jan. 1996



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

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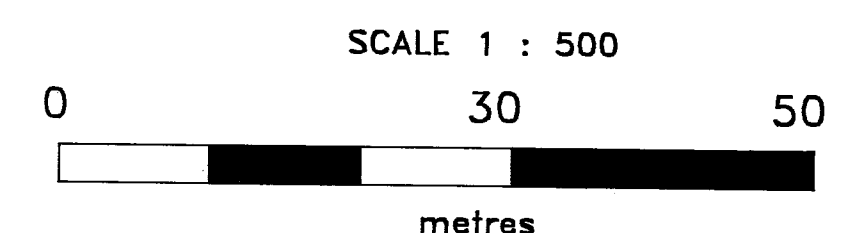


LEGEND

DRILL HOLE TRACE
Lithology
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
On Section Plane
Off Section Borders

MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
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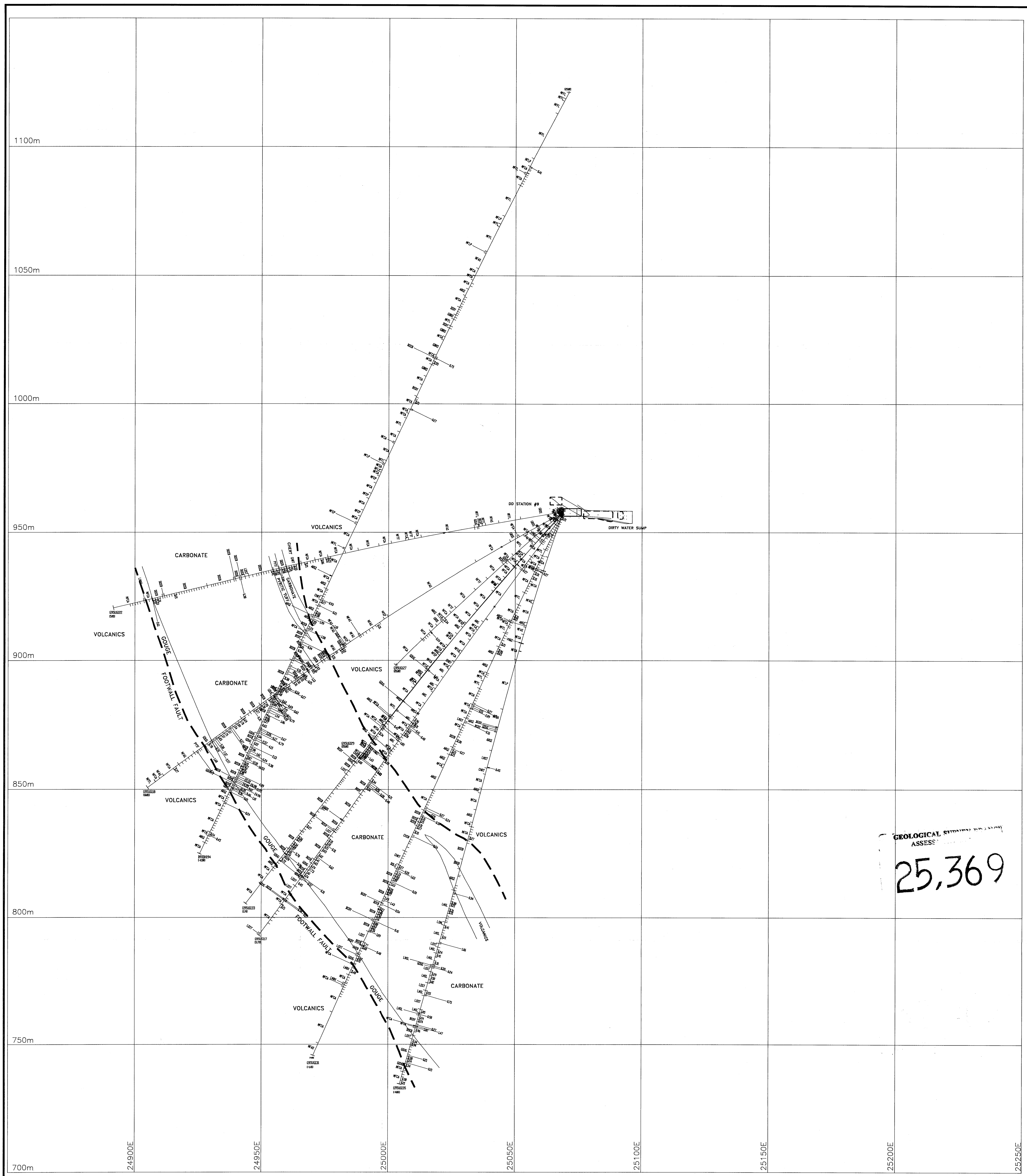
NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

REVISIONS		
No	Item	Date

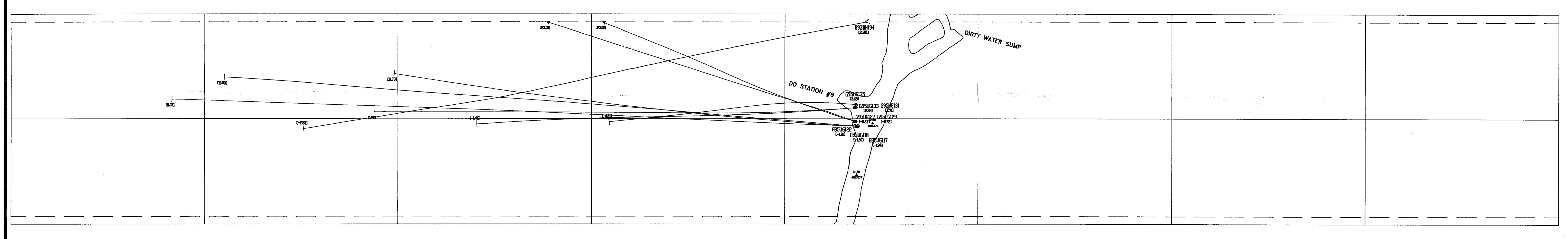
GRIZZLY ZONE VERTICAL SECTION G23850N

SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS

Figure No: 13 File:
Filename: g:\data\grizzly\sections\g23850n
Approved: Report:
Drawn By: APH Date: Jan. 1996



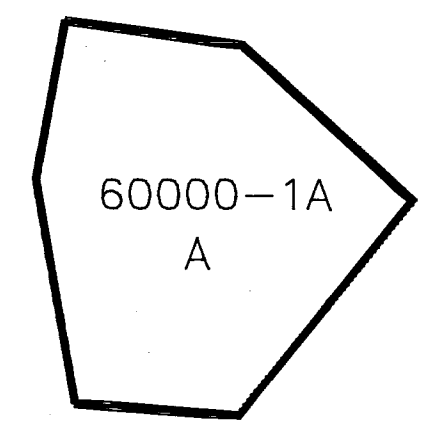
GEOLOGICAL SURVEY
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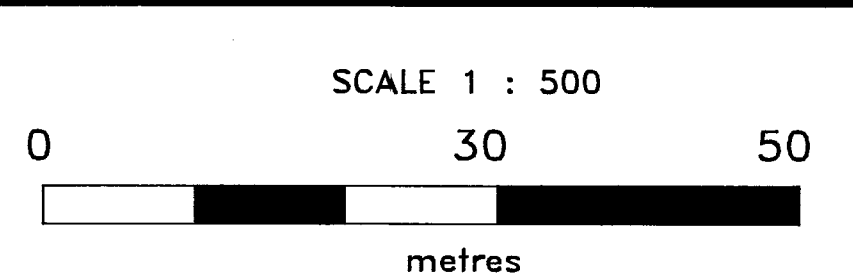
LEGEND

DRILL HOLE TRACE
Lithology
Collar
Square indicates where drill hole pierces the plane of the section.
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
On Section Plane
Off Section Borders



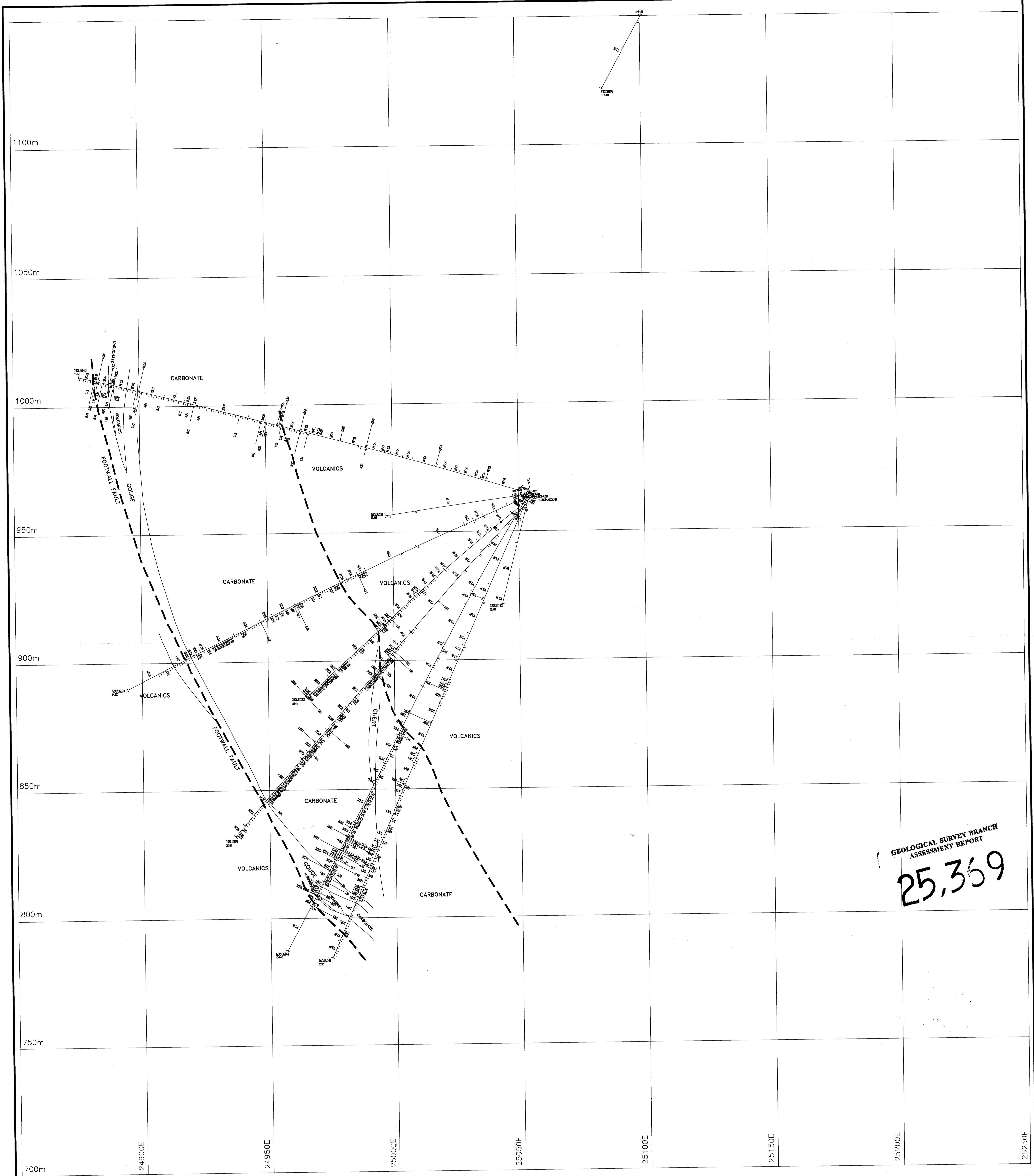
MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
POLYGON CATEGORY
A - PROBABLE / Drill intersection on this section and adjacent sections
B - INDICATED / Drill intersection on this section but not on adjacent sections
C - INFERRED / No drill intersections - based on geology



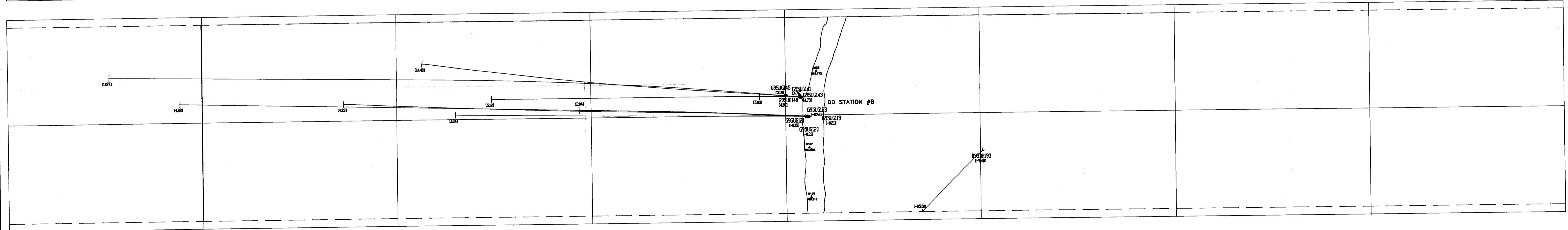
NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

REVISIONS		
No.	Item	Date
1	ADD DRILLHOLE T93 TO SECTION	03/07/95

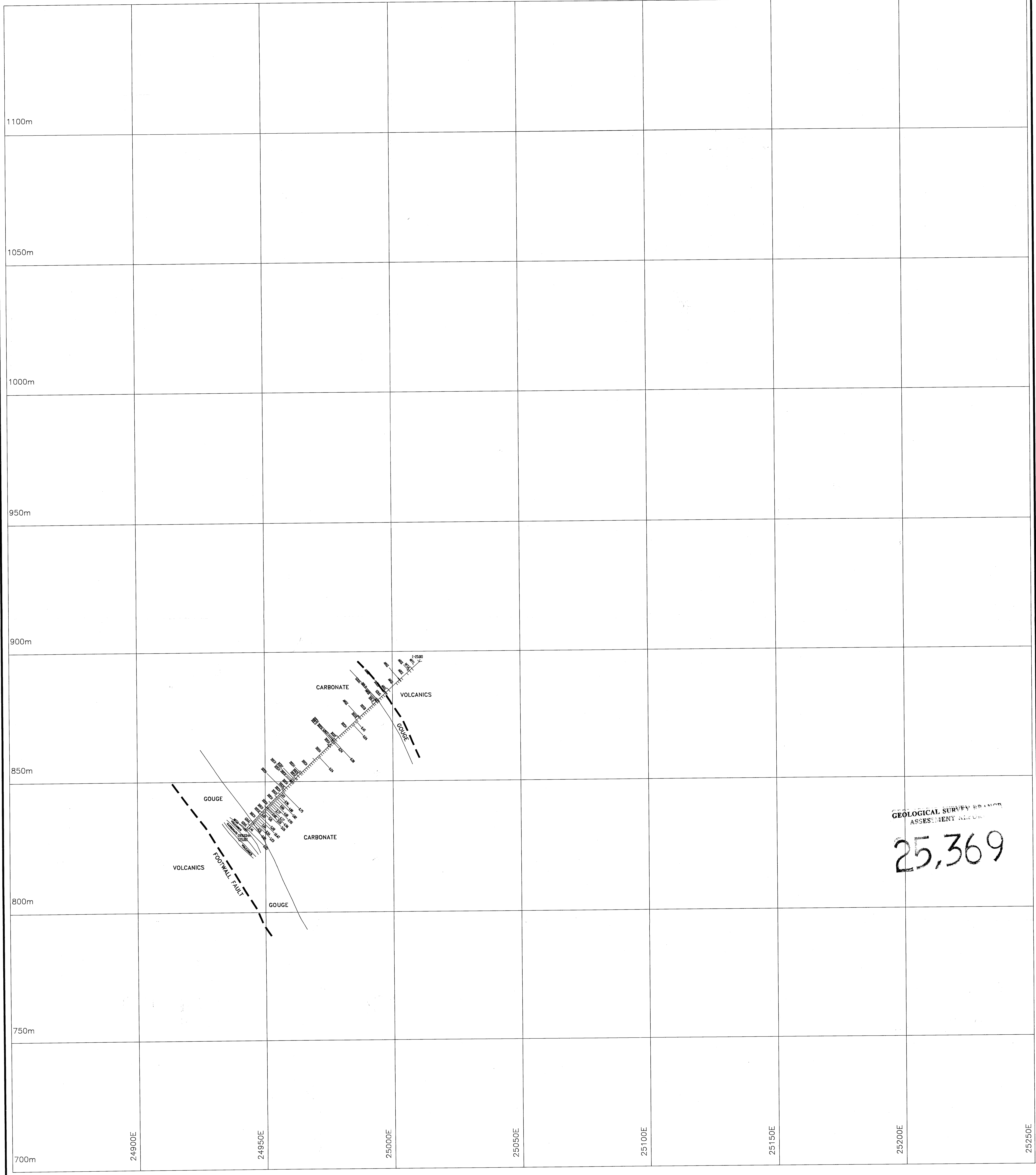
GRIZZLY ZONE VERTICAL SECTION
G23950N
SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS
Figure No: 15 File:
Filename: g:\data\grizzly\section\g23950n
Approved: Report:
Drawn By: APH Date: Jan. 1996



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,369



LEGEND DRILL HOLE TRACE Lithology Collar Square indicates where drill hole pierces the plane of the section. Au assays in grams / tonne Drill hole name [10.00] Projection distance of drill hole trace normal to the section.		UNDERGROUND WORKINGS On Section Plane Off Section Borders		MINERAL INVENTORY POLYGON Polygon Number (section / number / polygon category) POLYGON CATEGORY A - PROBABLE / Drill intersection on this section and adjacent sections B - INDICATED / Drill intersection on this section but not on adjacent sections C - INFERRED / No drill intersections - based on geology		SCALE 1 : 500 0 30 50 metres		NORTH AMERICAN METALS CORP. GOLDEN BEAR MINE		GRIZZLY ZONE VERTICAL SECTION G23900N	
T93DH200 [10.00]		60000-1A A		Add G23900N to Section 28/07/1995		SECTION THICKNESS = 50 metres DRILL HOLE LITHOLOGIES & AU ASSAYS MINERAL INVENTORY POLYGONS Figure No: 14 File: Filename: g:\data\grizzly\sections\g23900n		Approved: Drawn By: APH		Report: Date: Jan. 1996	

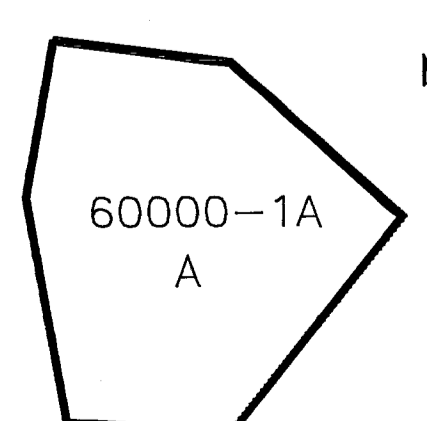


GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
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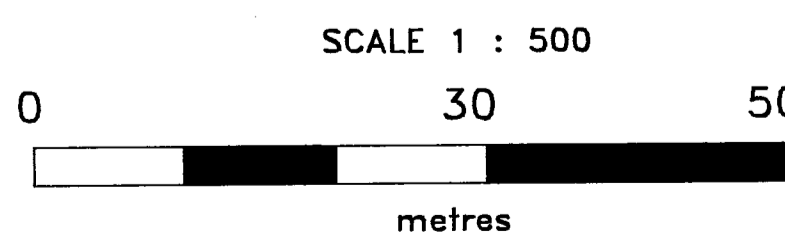
LEGEND

DRILL HOLE TRACE
Lithology
Collar
Square indicates where drill hole pierces the plane of the section.
Au assays in grams / tonne
T93DH200 Drill hole name
[10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
On Section Plane
Off Section Borders



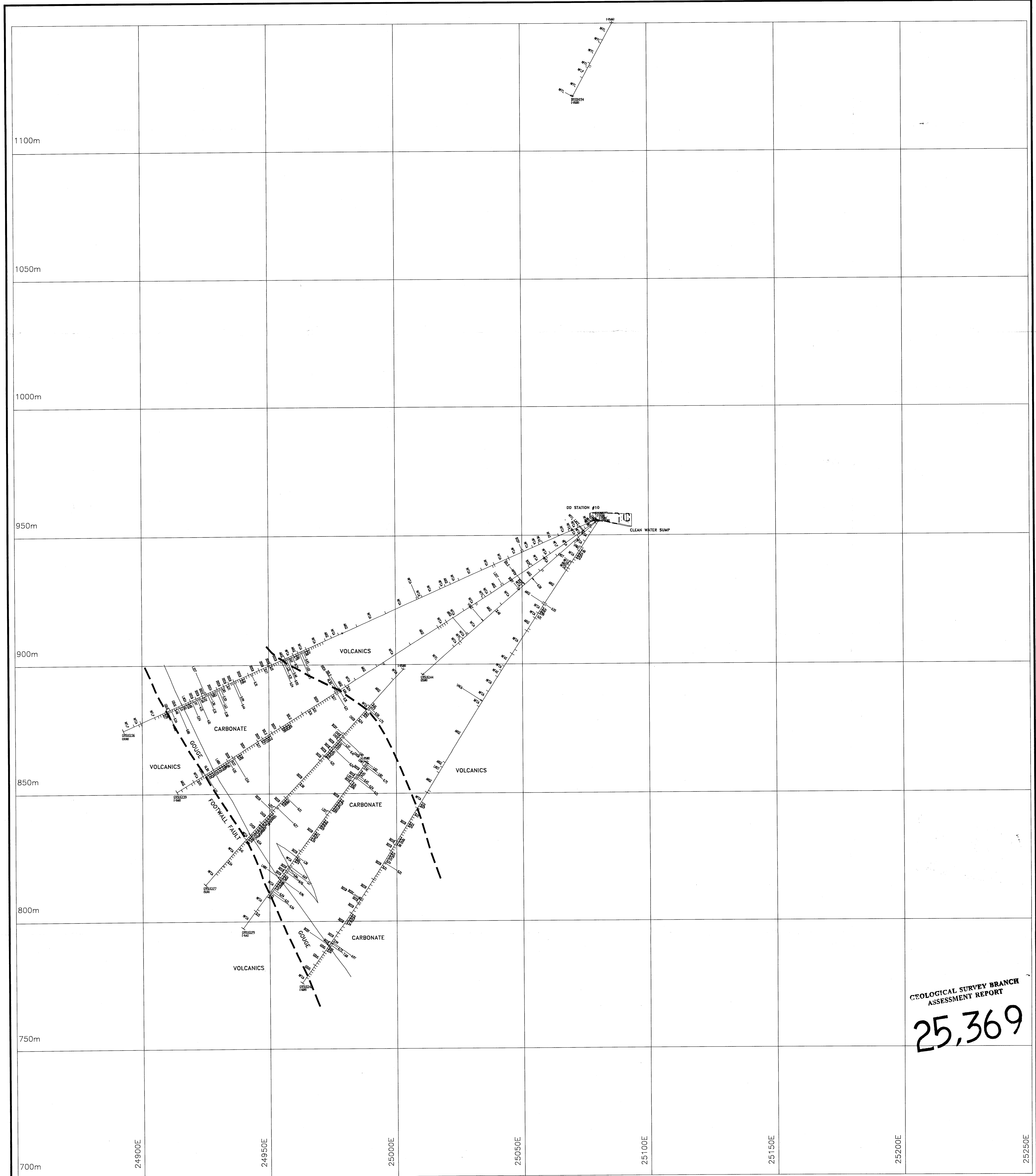
MINERAL INVENTORY POLYGON
Polygon Number (section / number / polygon category)
POLYGON CATEGORY
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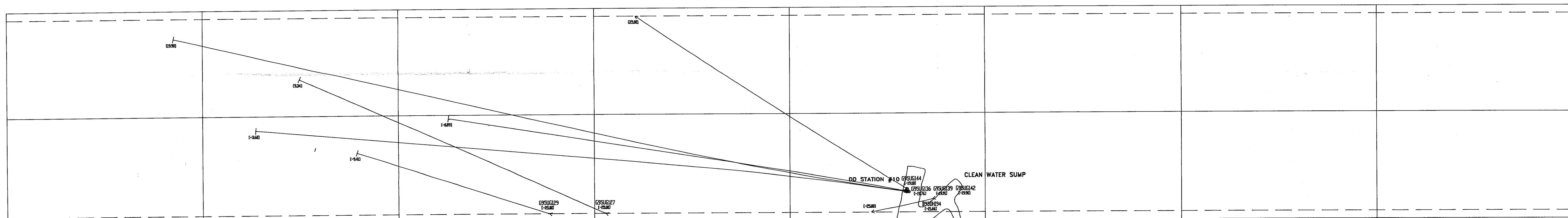
NORTH AMERICAN METALS CORP.
GOLDEN BEAR MINE

REVISIONS	
No.	Date

GRIZZLY ZONE
VERTICAL SECTION
G24050N
SECTION THICKNESS = 50 metres
DRILL HOLE LITHOLOGIES & AU ASSAYS
MINERAL INVENTORY POLYGONS
Figure No: 17 File:
Filename: g:\data\grizzly\section\g24050n
Approved: Report:
Drawn By: APH Date: Jan. 1996

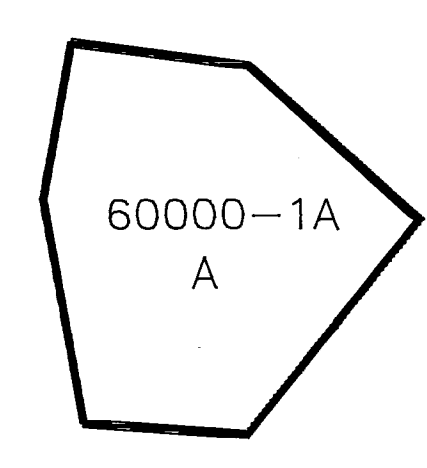


GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT
25,369

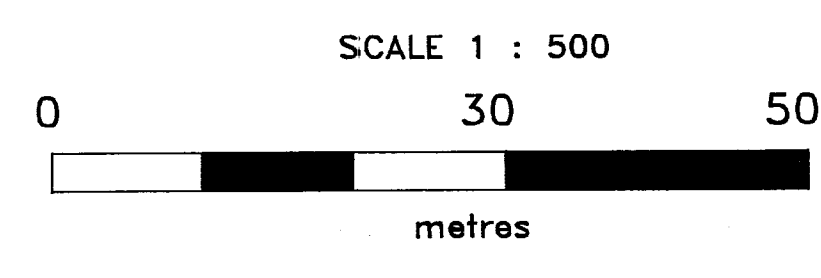


LEGEND
DRILL HOLE TRACE
 Lithology
 Collar
 Square indicates where drill hole pierces the plane of the section.
 Au assays in grams / tonne
 Drill hole name
 [10.00] Projection distance of drill hole trace normal to the section.

UNDERGROUND WORKINGS
 On Section Plane
 Off Section Borders



MINERAL INVENTORY POLYGON
 Polygon Number (section / number / polygon category)
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NORTH AMERICAN METALS CORP. GOLDEN BEAR MINE		
REVISIONS		
No.	Item	Date
1	Add 0950136 to Section	23/07/1995

GRIZZLY ZONE
VERTICAL SECTION
G24000N
 SECTION THICKNESS = 50 metres
 DRILL HOLE LITHOLOGIES & AU ASSAYS
 MINERAL INVENTORY POLYGONS
 Figure No: 16
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 Filename: g:\data\grizzly\sections\g24000n
 Approved: Report:
 Drawn By: APH Date: Jan. 1996