



Bergvesenet

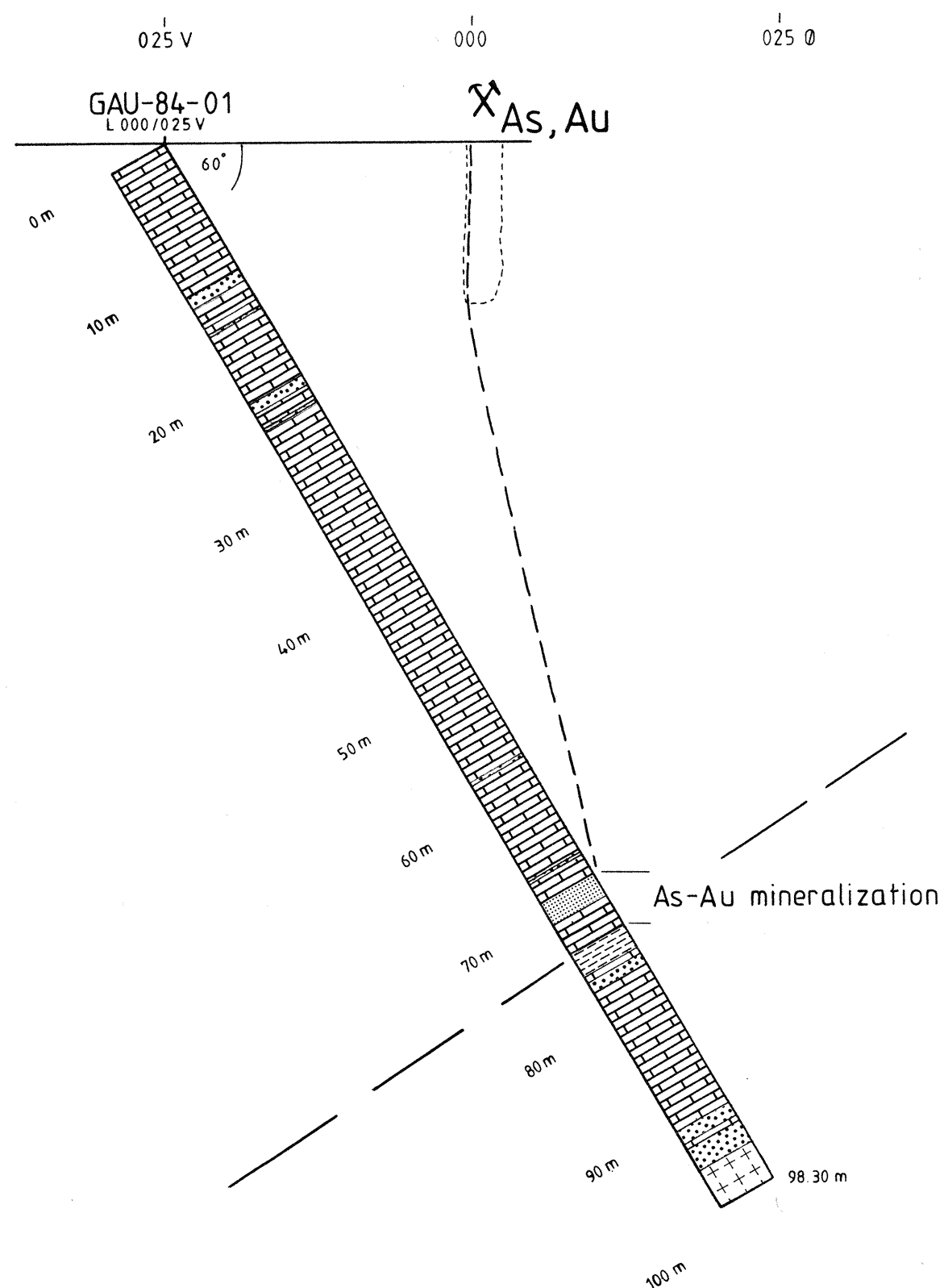
Postboks 3021, N-7441 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 2950	Intern Journal nr Kasse 143	Gammelt internt rapp. nr.	Rapport lokalisering Trondheim	Gradering
Kommer fra ..arkiv	Ekstern rapport nr 330 270	Oversendt fra Tverrfjellet	Fortrolig pga	Fortrolig fra dato:
Tittel Kart i tilknytning til "Summary report- 1984. Rombak project."				
Forfatter Priesmann, Frank-Dieter		Dato År 1984	Bedrift Folldal Verk A/S Amoco Norway Oil Company J.V.	
Commune Narvik	Fylke Nordland	Bergdistrikt Nordlandske	1: 50 000 kartblad 14312 14313	1: 250 000 kartblad Narvik
Fagområde Geologi Geokjemi Geofysikk Boring		Dokument type	Forekomster Rombak Gautelis Cunojavri	
Råstoffgruppe Malm/metall		Råstofftype Au As		
Sammenheng / innholdsfortegnelse Inneholder: 1 Geological map Rombak window. 2 Rombak window claim map. 3 Gautelis area: Rock samples, geology. 4 Cunojavri area :Rock samples, geology. 5 Gautelis south-west slope grid -Geology map, drill sites -Geochemical maps: Soils Zn contour, soils Au contour. -Geophysical maps: VLF, C.E.M., Mag., IP. -Drill holes GAU-84-04/05/06. 6 Gautelis arsenopyrite-gold prospect. -Geology a. sample locations, drill sites. -Drill holes GAU-84-01/02/03. 1 duplikat. Rapporten finnes på BV 2949.				

carbonate series

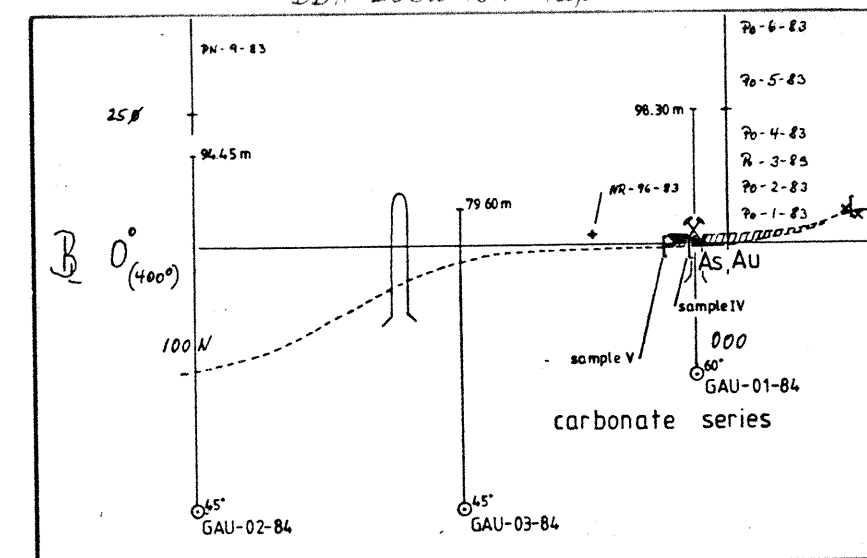
sequence of metasediments a. metavolcanics



LEGEND

- marble
- quartzite
- quartz phyllite
- amphibolite
- quartz-fspar rock (supp. felsic volcanic)
- quartz-fspar rock
- granitic gneiss
- missing core
- geological boundary (sequence, horizon)
- fault
- abandoned mine

DDH Location Map



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELIS Arsenopy, Au PROSPECT
DDH
GAU-84-01

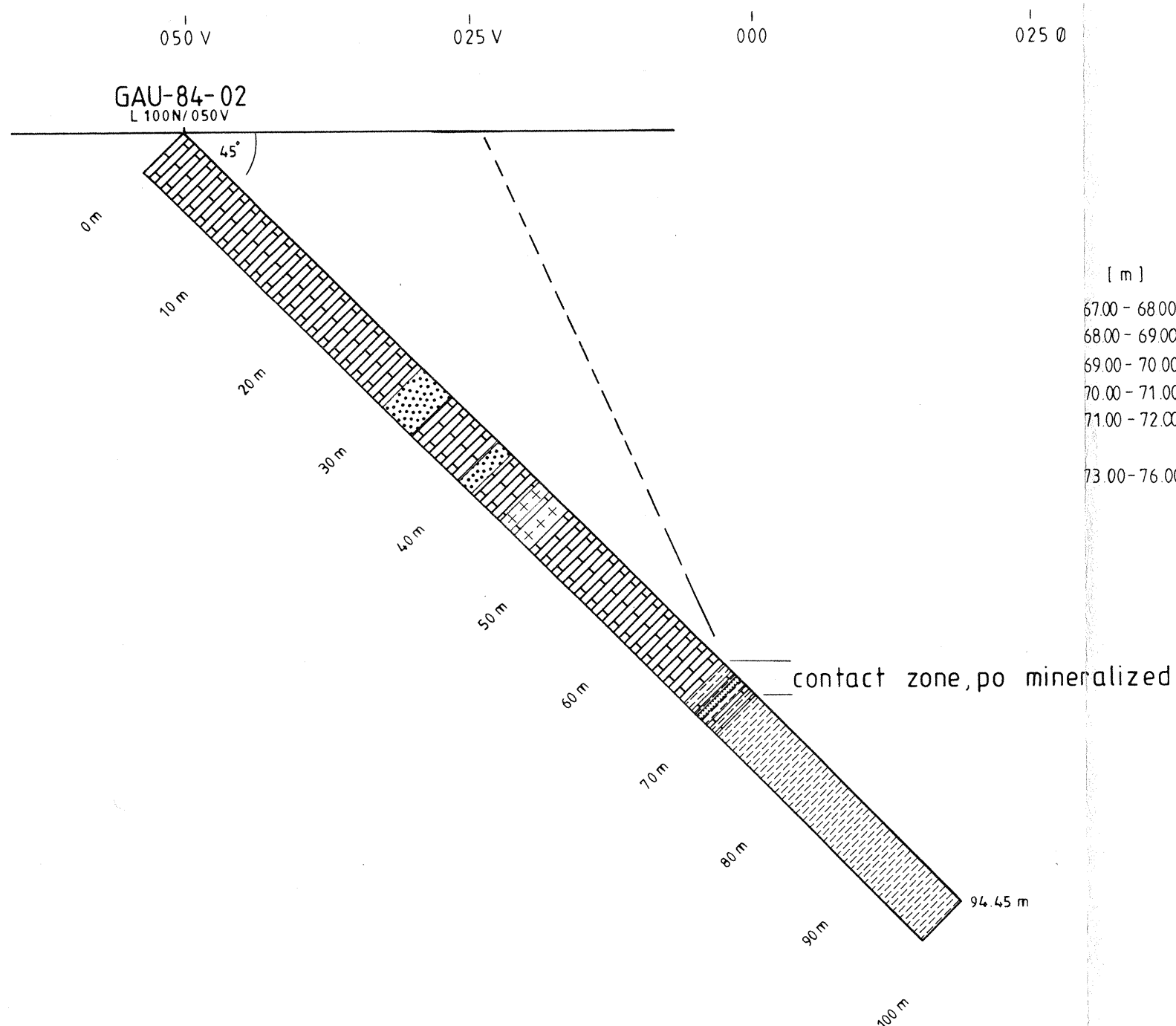
Date Nov. 1984

Scale: 1: 500

FDPp.

carbonate series

sequence of metasediments a. metavolcanics

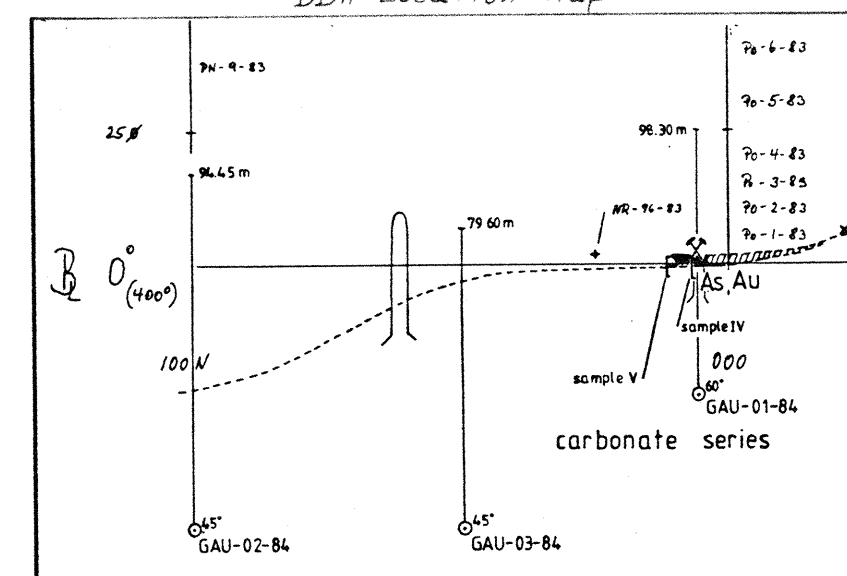


[m]	Au (ppb)	Cu (ppm)	Zn (ppm)	As (ppm)	Pb (ppm)
67.00 - 68.00	190	57	150	45	22
68.00 - 69.00	16	130	160	180	18
69.00 - 70.00	49	180	150	94	58
70.00 - 71.00	21	810	150	42	18
71.00 - 72.00	11	190	150	7	20
73.00 - 76.00	6	120	170	76	22

LEGEND

- marble
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- amphibolite
- quartz-fspar rock (supp. felsic volcanic)
- quartz-fspar rock
- granitic gneiss
- missing core
- geological boundary (sequence, horizon)
- fault
- abandoned mine

DDH Location Map



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

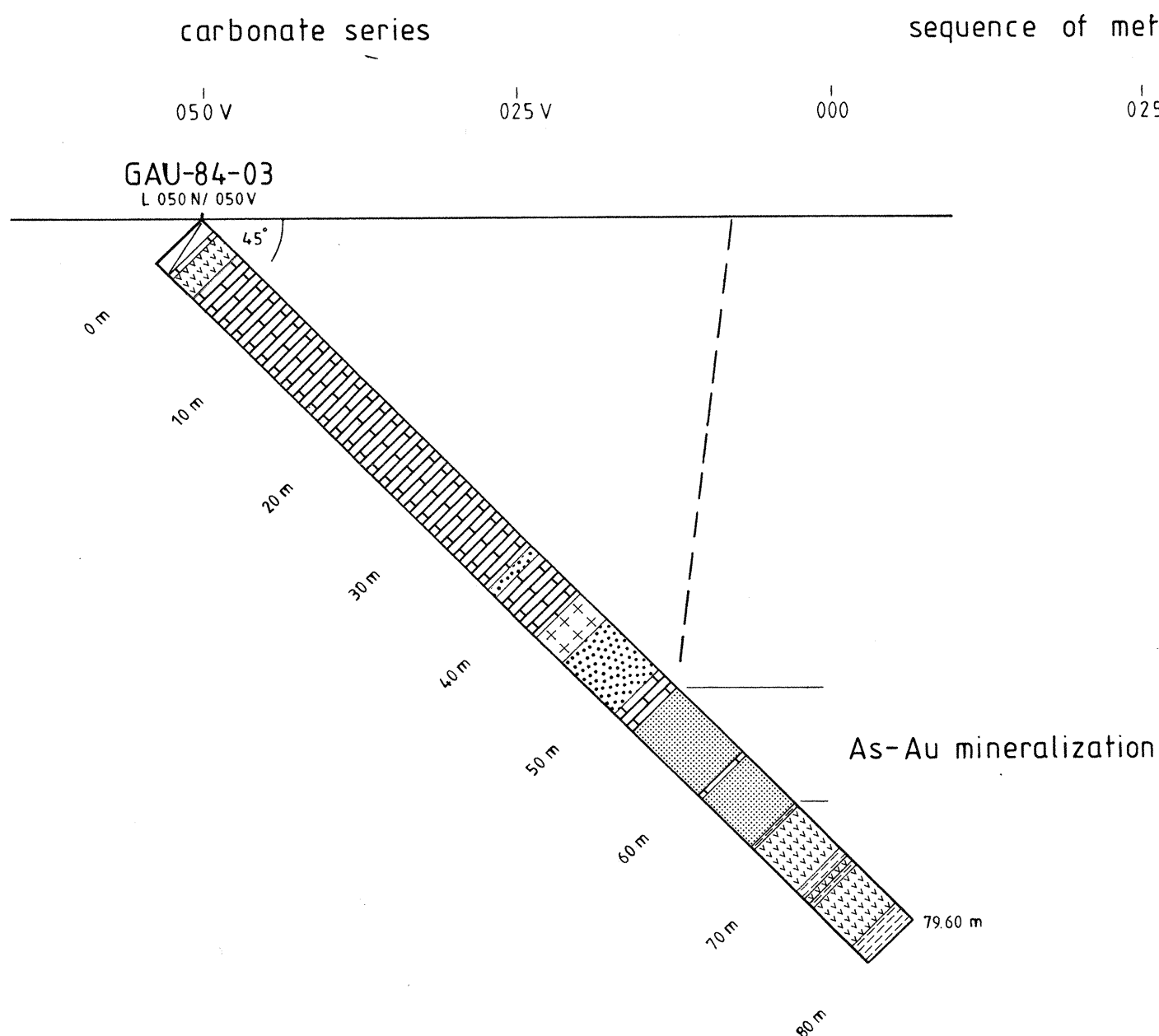
ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELIS Arsenopy, Au PROSPECT
DDH
GAU-84-02

Date Nov. 1984

Scale: 1: 500

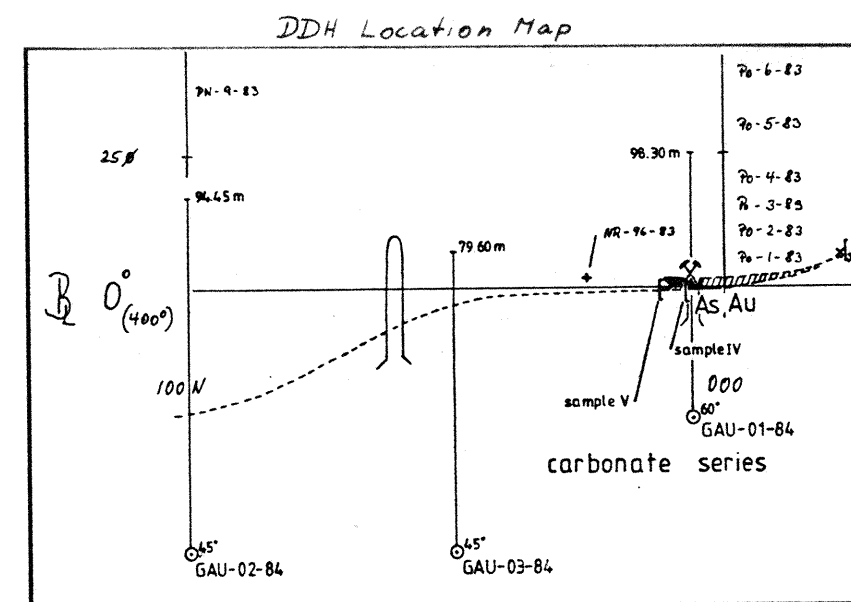
FDP



[m]	Au (ppb)	Cu (ppm)	Zn (ppm)	As (ppm)	Pb (ppm)
2.00 - 4.10					
53.50 - 56.40	34	190	77	180	22
56.40 - 57.40	160	130	120	0.3%	10
57.40 - 58.40	330	110	130	680	10
58.40 - 59.40	820	210	96	0.97%	12
59.40 - 60.05	370	120	120	0.96%	16
60.05 - 60.60	40	650	19	35	28
60.60 - 61.60	380	53	91	0.80%	10
61.60 - 62.60	2100	36	110	4.16%	10
62.60 - 63.60	1800	110	60	4.16%	24
63.60 - 64.60	1800	1500	72	1.44%	18
64.60 - 65.60	1400	610	120	1.23%	16
65.60 - 66.60	2000	360	0.41%	82	200
66.60 - 67.60	82	87	2700	80	26

LEGEND

- marble
- quartzite
- quartz phyllite
- amphibolite
- quartz-fspar rock (supp. felsic volcanic)
- quartz-fspar rock
- granitic gneiss
- missing core
- geological boundary (sequence, horizon)
- fault
- abandoned mine



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELIS Arsenopy, Au PROSPECT
DDH
GAU-84-03

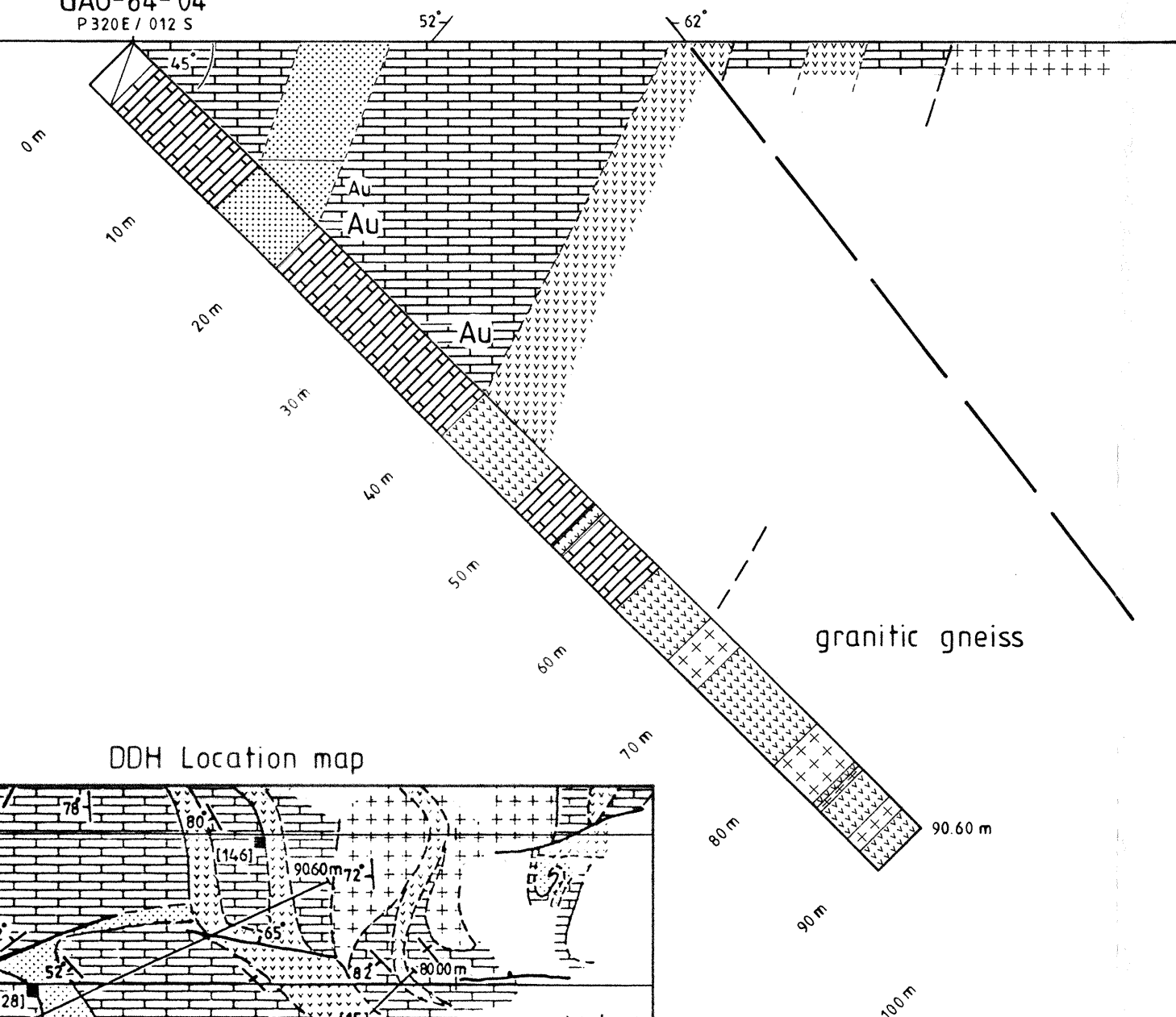
Date Nov 1984

Scale: 1: 500

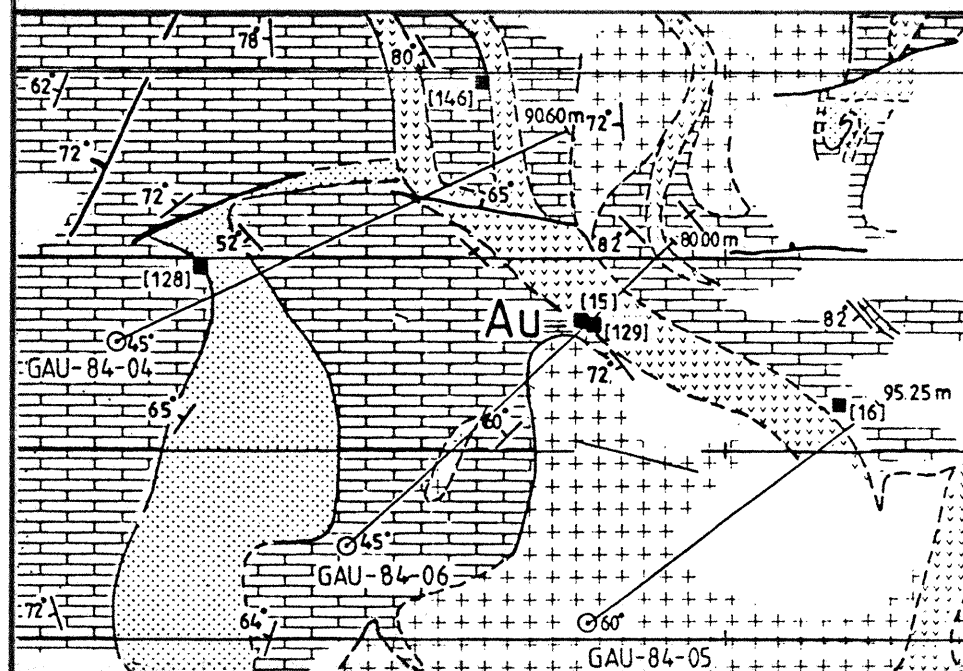
FDP

carbonate series

GAU-84-04
P 320 E / 012 S



DDH Location map



LEGEND

- marble
- quartzite
- quartz phyllite
- amphibolite
- quartz-fspar rock (supp. felsic volcanic)
- quartz-fspar rock
- granitic gneiss
- missing core
- geological boundary (sequence, horizon)
- fault
- abandoned mine

[m]	Au (ppb)	Cu (ppm)	Zn (ppm)	As (ppm)	Pb (ppm)	Ag (ppm)
13.80 - 14.80	280	88	10	13	48	1.5
14.80 - 15.80	310	180	14	9.8	28	1.5
15.80 - 16.80	160	24	10	9.1	20	1.0
16.80 - 17.80	140	140	16	12	26	1.0
17.80 - 18.80	370	400	32	16	40	2.0
18.80 - 19.80	230	300	15	15	32	1.0
19.80 - 20.80	120	170	25	15	32	1.0
20.80 - 21.80	1500	280	18	28	36	1.5
33.00 - 34.00	4700	650	34	27	60	2.0
34.00 - 35.00	1000	350	40	5.9	32	1.5
60.50 - 61.50	32	21	74	13	14	0.5
61.50 - 62.50	6	400	110	36	12	1.5
62.50 - 63.50	<2	11	110	2.4	10	1.0
63.50 - 64.50	<2	25	130	7.6	10	1.0
64.50 - 65.50	2	14	59	14	22	1.0
65.50 - 66.50	<2	24	140	24	10	1.0

FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELISFJELL
SOUTHWEST SLOPE
DDH
GAU-84-04

Date Nov. 1984

Scale: 1: 500

JDP

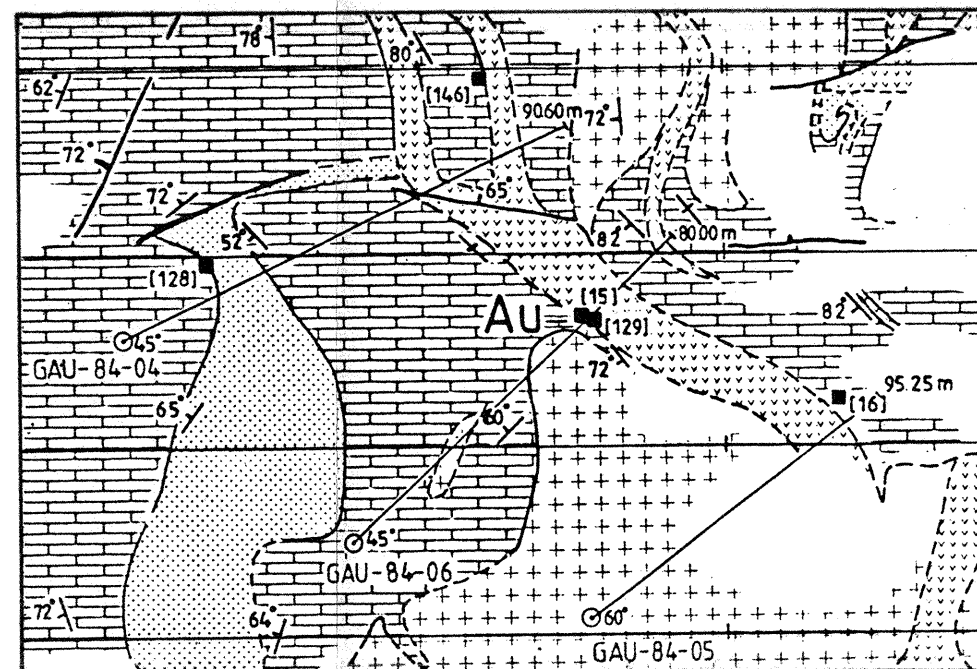
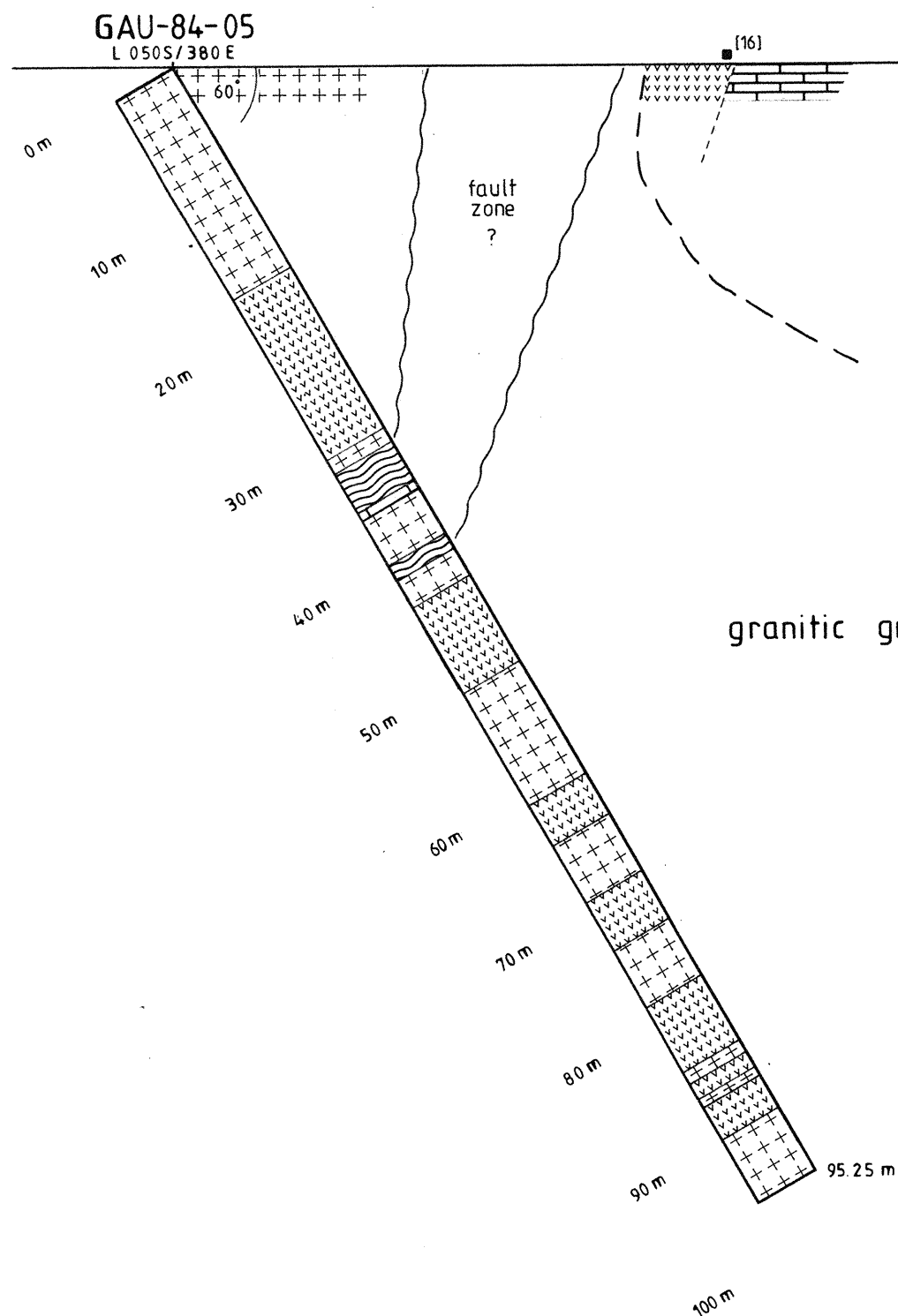
granitic gneiss

carbonate series

DDH Location map

LEGEND

-  marble
-  quartzite
-  quartz phyllite
-  amphibolite
-  quartz-fspar rock (supp. felsic volcanic)
-  quartz-fspar rock
-  granitic gneiss
-  missing core
-  geological boundary (sequence, horizon)
-  fault
-  abandoned mine



[m]	Au (ppb)	Cu (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)	Pb (ppm)
3235 - 3435	400	65	160	31	10	12
3435 - 3635	55	110	180	1.7	1.0	12

rock sample: [16] 4 ppb Au

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ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELISFJELL
SOUTHWEST SLOPE
DDH
GAU-84-05

Date Nov. 1984

Scale: 1: 500

FOPP

carbonate series

GAU-84-06
P 350 E / 037 S

Au [15], [129]

72°

62°

0 m

10 m

20 m

30 m

40 m

50 m

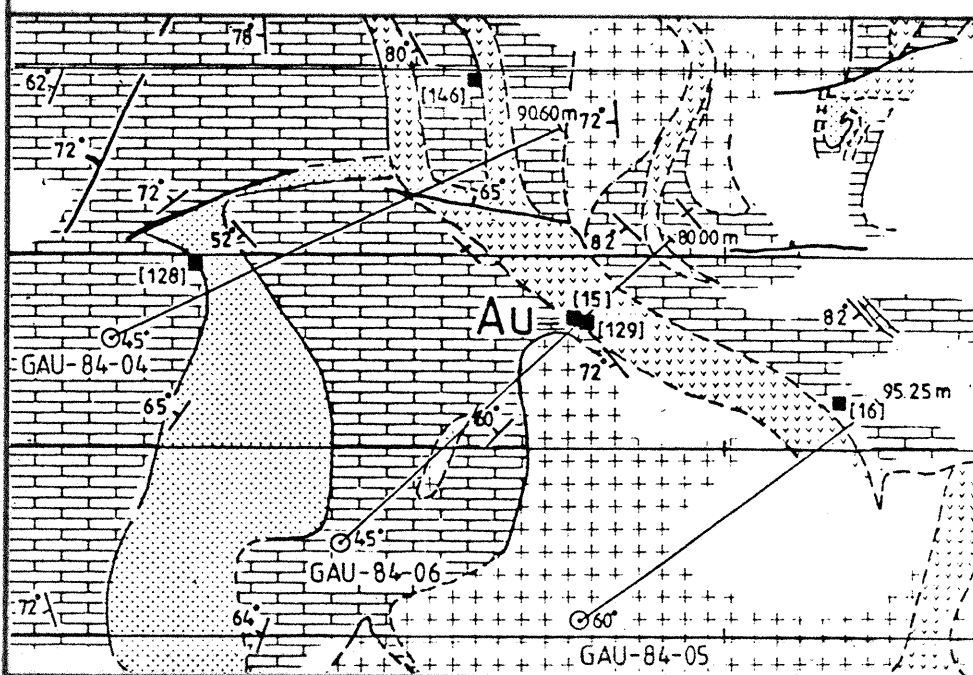
60 m

70 m

80.00 m

granitic gneiss

DDH Location map



rock samples: [15] 0.62 oz/t Au
[129] 0.58 oz/t Au

LEGEND

- marble
- quartzite
- quartz phyllite
- amphibolite
- quartz-fspar rock (supp. felsic volcanic)
- quartz-fspar rock
- granitic gneiss
- missing core
- geological boundary (sequence, horizon)
- fault
- abandoned mine

[m]	Au (ppb)	Cu (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)	Pb (ppm)
8.75 - 9.84	<2	25	62	18	1.0	20
9.84 - 10.65	<2	7.5	63	4.0	1.0	34
10.50 - 12.65						
12.65 - 14.65	<2	31	38	22	0.5	8
14.65 - 16.65	15	33	54	6.6	0.5	8
16.65 - 18.65	<2	5.5	46	7.4	<0.5	8
18.65 - 20.65	<2	6.5	54	3.4	0.5	6
20.65 - 22.65	<2	23	65	12	0.5	10
22.65 - 24.65	600	18	50	5.7	0.5	8
24.65 - 27.10	7	2.5	60	12	<0.5	6
29.00 - 32.00						
41.50 - 44.50						
44.50 - 47.50						
71.00 - 73.00	5	830	110	5.3	2.5	12
73.00 - 75.00	2	53	80	4.5	1.0	16
75.00 - 77.00	<2	43	75	4.2	1.0	16
77.00 - 79.00	<2	22	81	2.2	1.0	14

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ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELISFJELL
SOUTHWEST SLOPE
DDH
GAU-84-06

Date Nov 1984

Scale: 1: 500

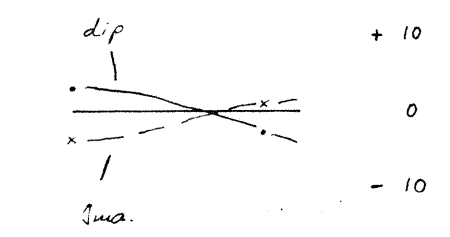
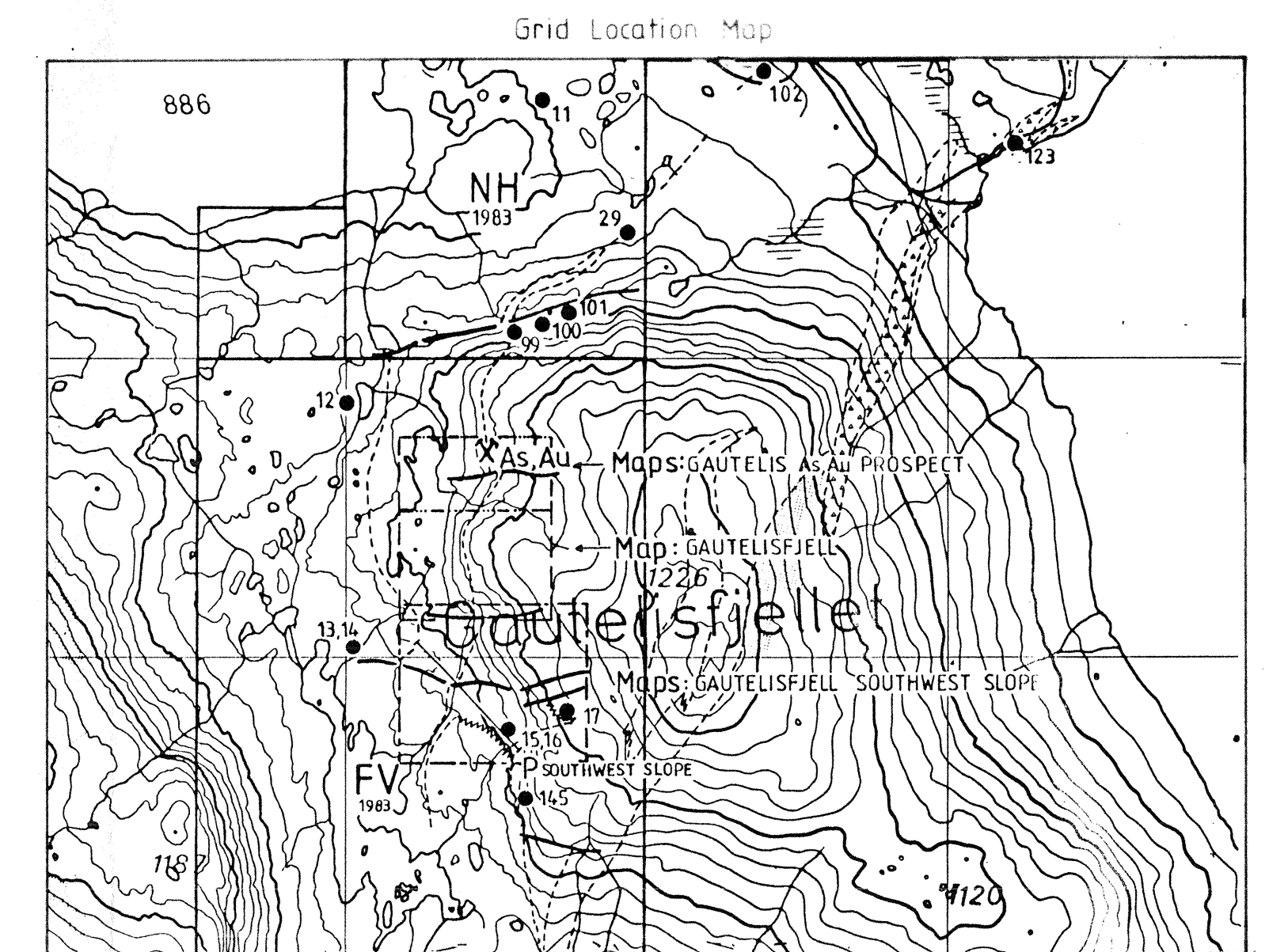
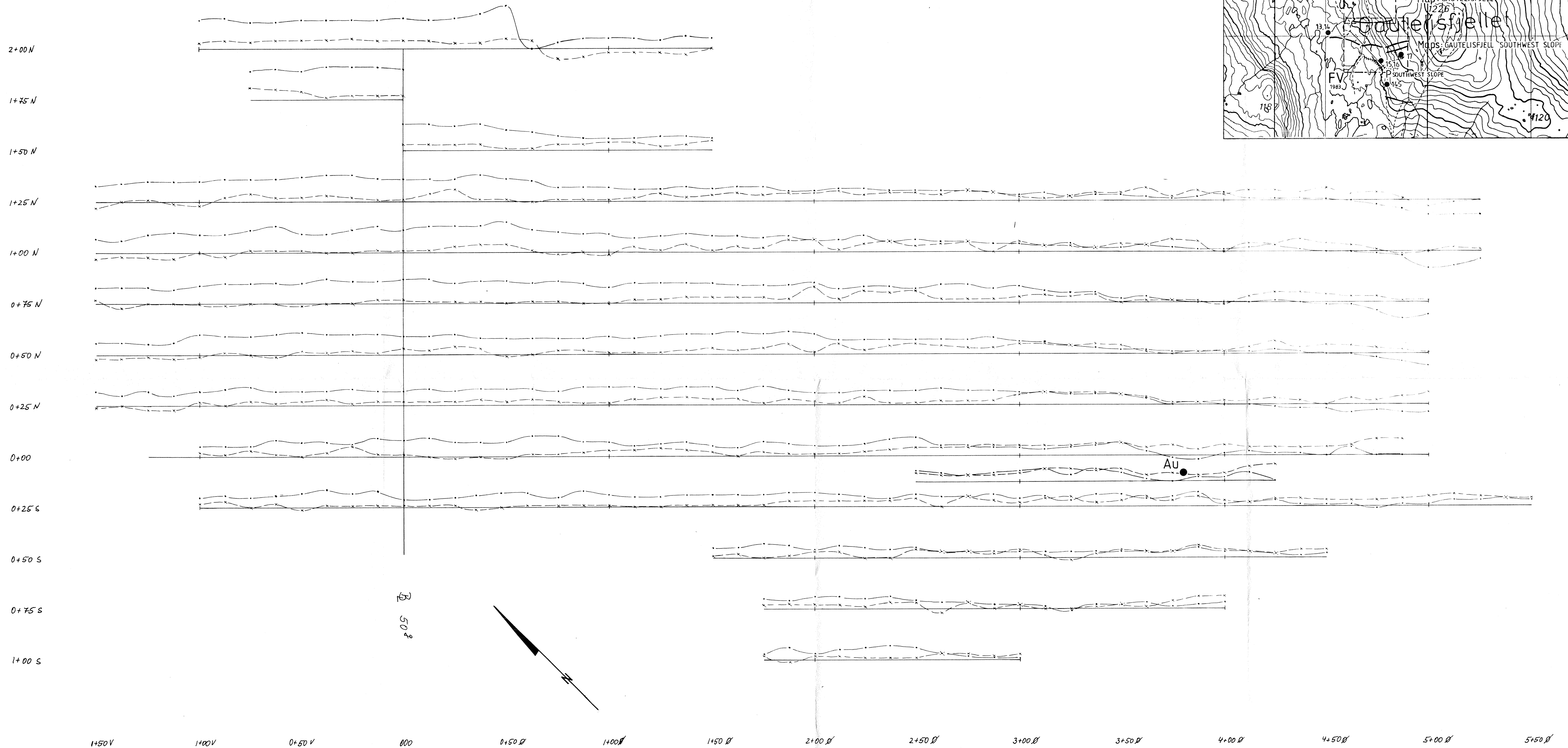
FDRP

1+50 S 0+75 S 0+50 S 0+25 S 000 0+25 N 0+50 N 1+00 N 1+25 N 1+50 N 1+75 N 2+00 N

1+50 V 1+00 V 0+50 V 000 0+50 B 1+00 B 1+50 B 2+00 B 2+50 B 3+00 B 3+50 B 4+00 B 4+50 B 5+00 B 5+50 B



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ROMBAK - PROJECT N-84-9		
ROMBAK WINDOW GAUTELISFJELL SOUTHWEST SLOPE SOIL GEOCHEM. Zn		
Date	July 1984	Scale: 1: 1000
		FOPP



FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
ROMBAK - PROJECT N- 84-9		
ROMBAK WINDOW GAUTELISFJELL SOUTHWEST SLOPE VLF		
Date <i>July 1984</i>	Scale: 1: 1 000	<i>JDH</i>

2+00 N

1+75 N

1+50 N

1+25 N

1+00 N

0+75 N

0+50 N

0+25 N

0+00

0+25 S

0+50 S

0+75 S

1+00 S

1+50 V

1+00 V

0+50 V

000

0+50 Ø

1+00 Ø

1+50 Ø

2+00 Ø

2+50 Ø

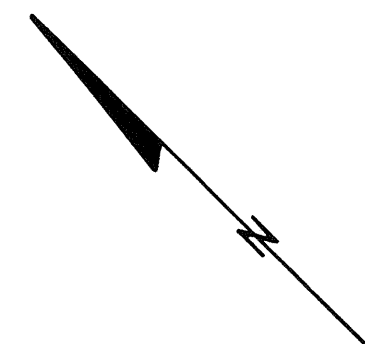
3+00 Ø

3+50 Ø

4+00 Ø

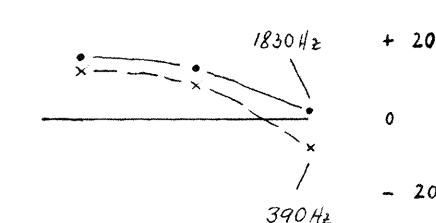
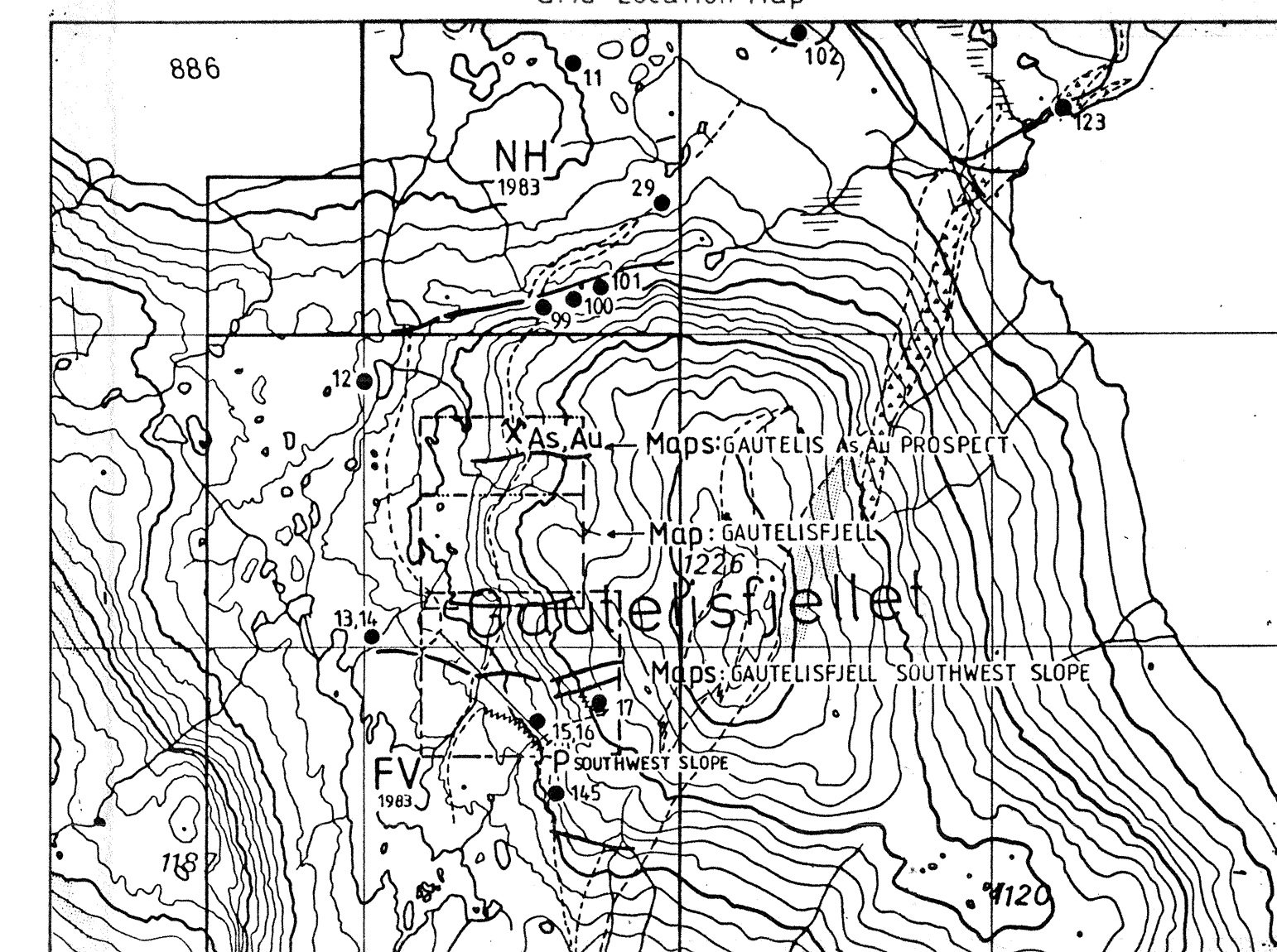
4+50 Ø

5+00 Ø

B
50°

Au ●

Grid Location Map



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

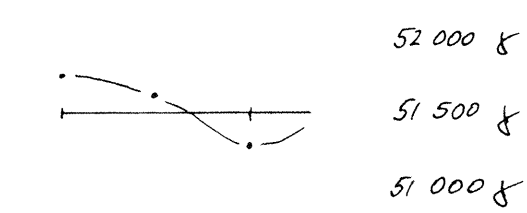
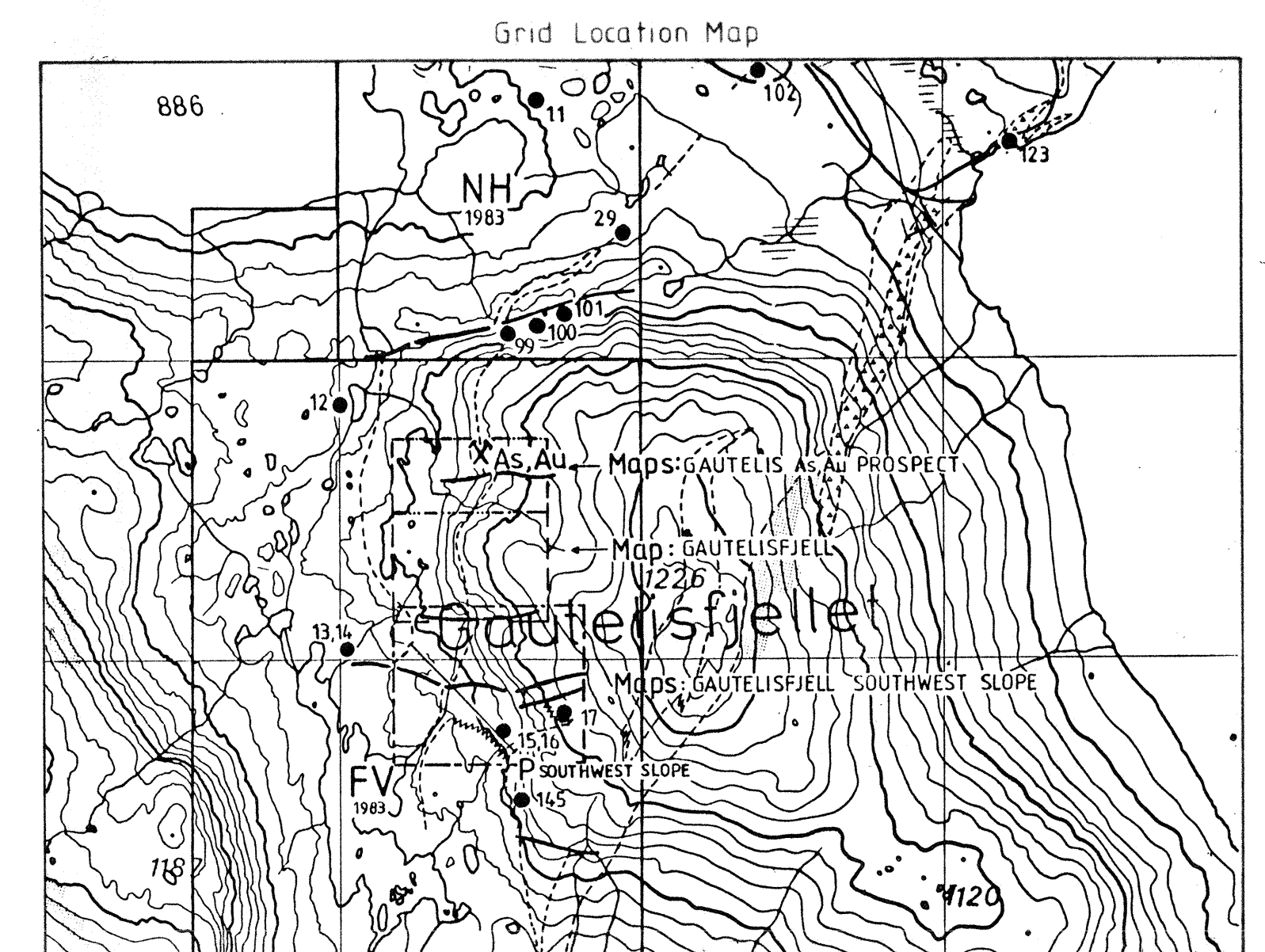
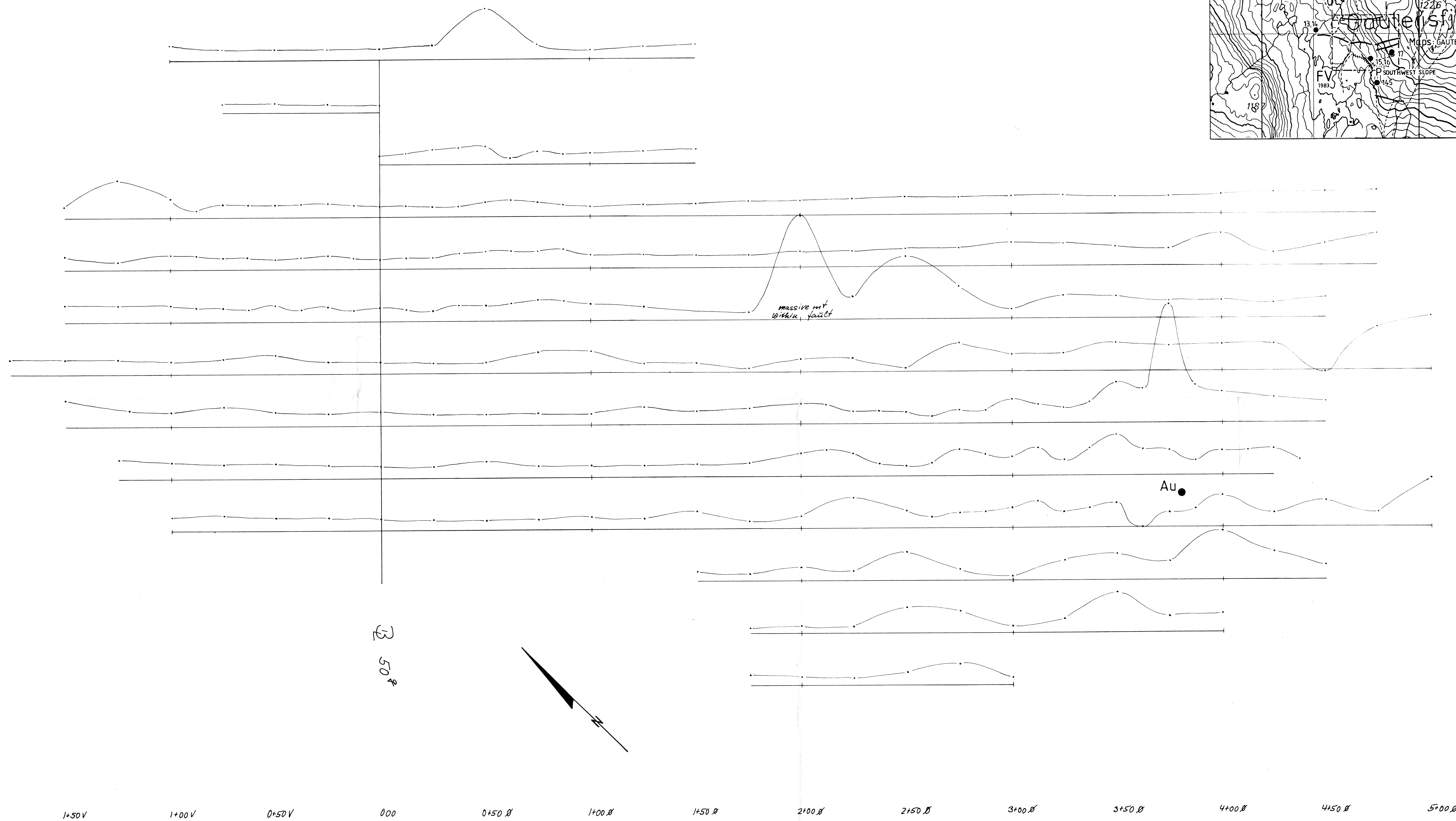
ROMBAK - PROJECT N-84-9

 ROMBAK WINDOW
 GAUTELISFJELL
 SOUTHWEST SLOPE
 CEM

Date July 1984

Scale: 1: 1000

FDP



FOLLDAL VERK A/S-AMOCO NORWAY J.V.

ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELISFJELL
SOUTHWEST SLOPE

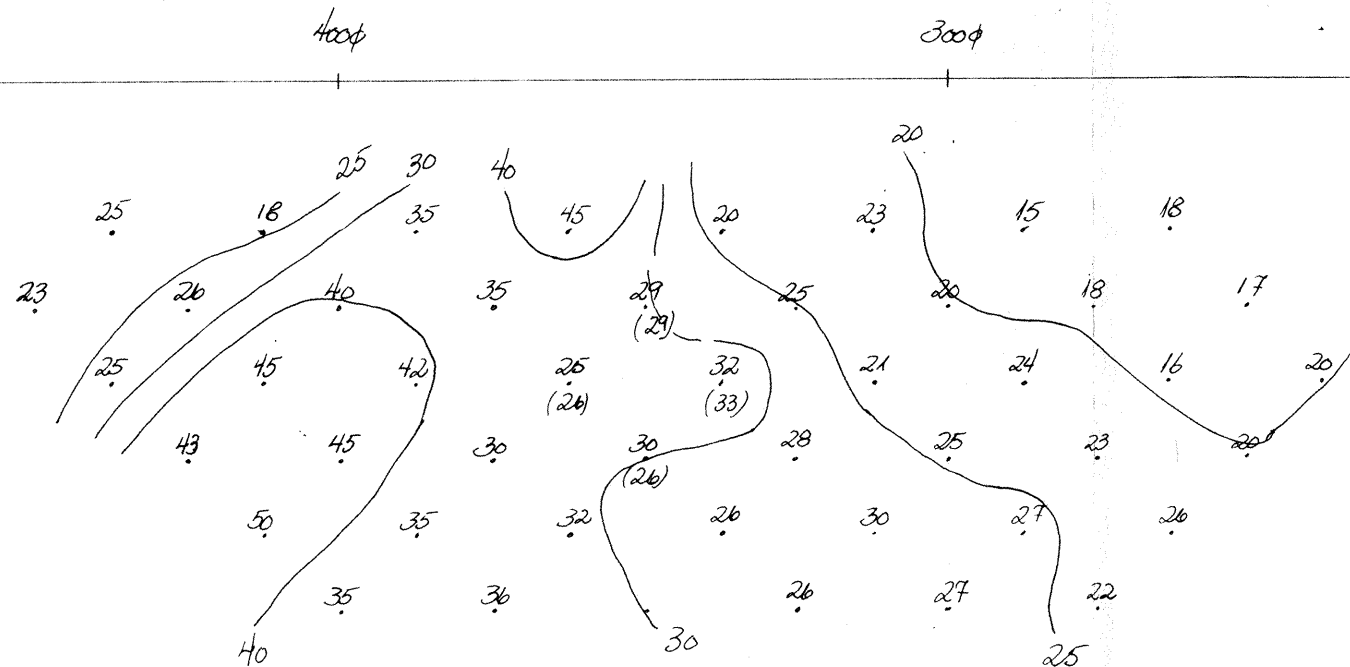
Mag

Date July 1984

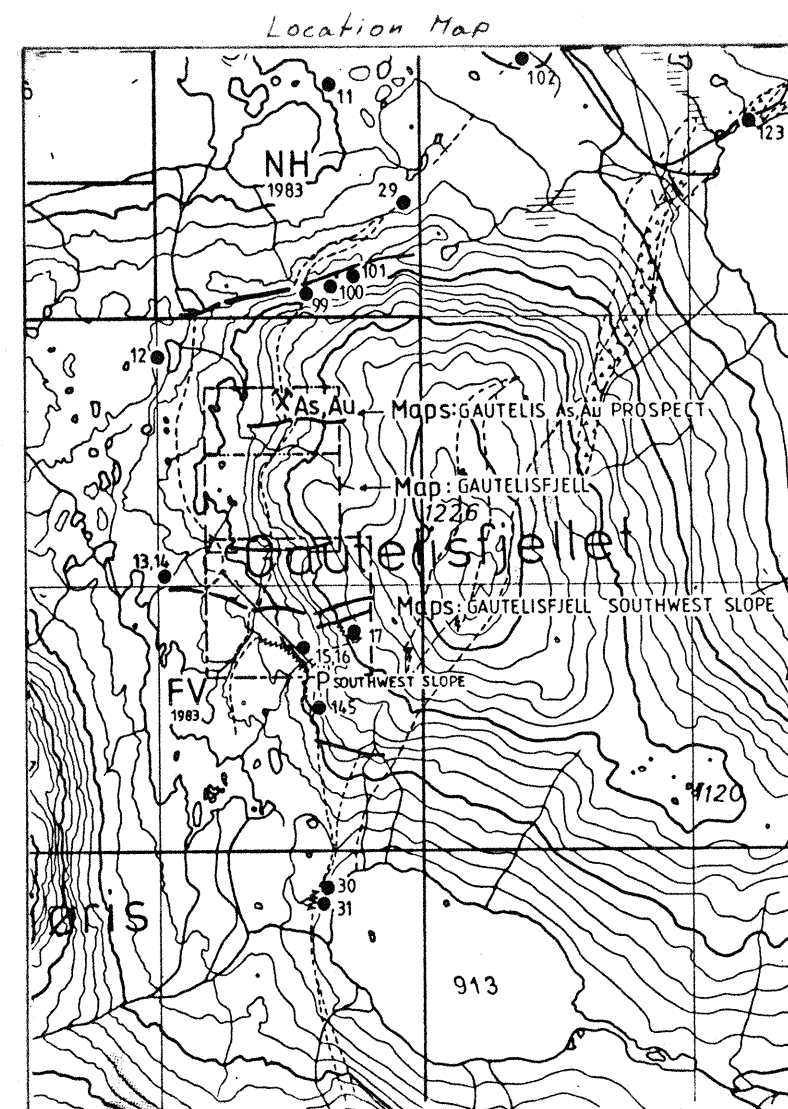
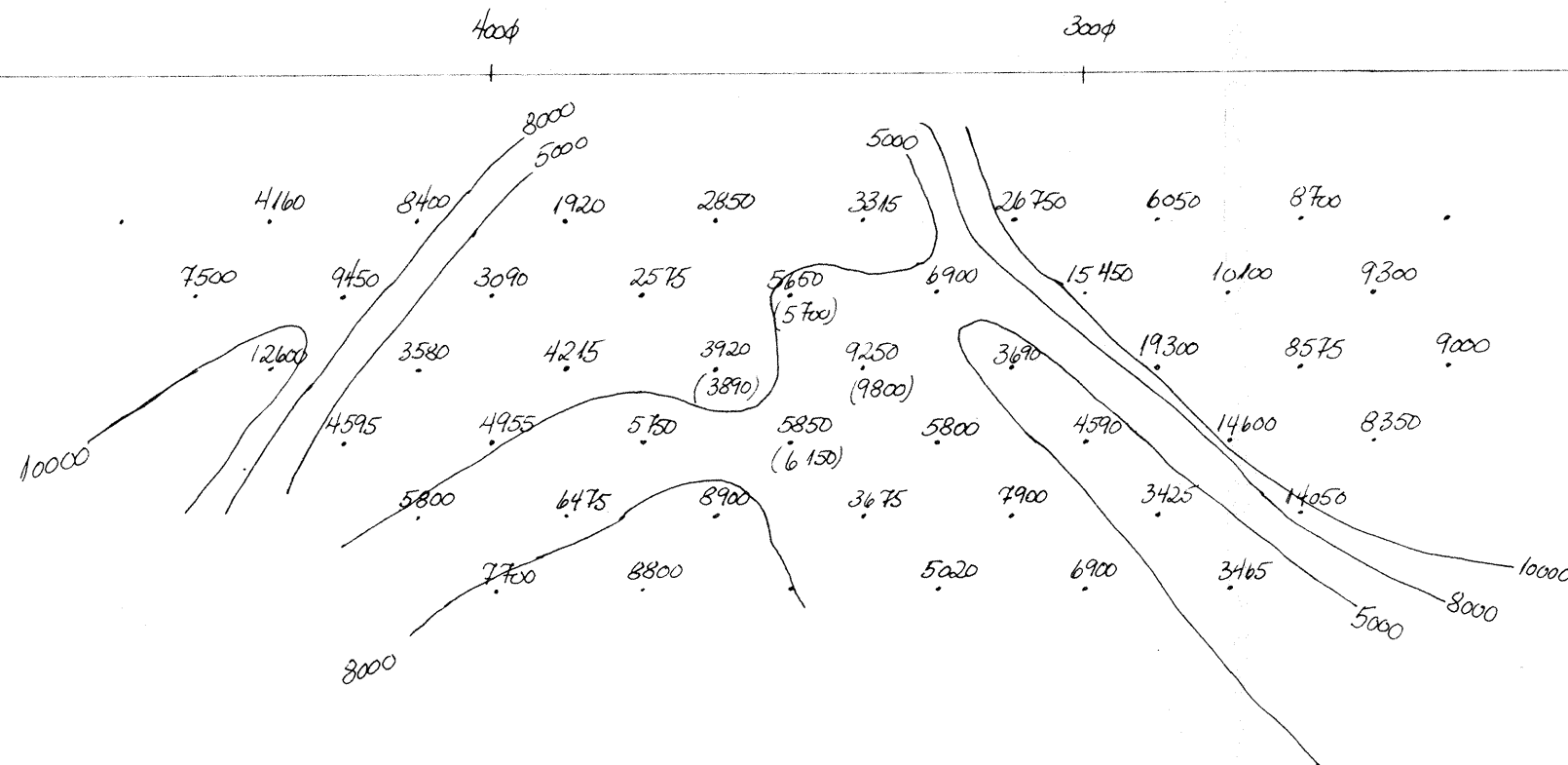
Scale: 1: 1000

FDP.

IP%



RP Ohm/m



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT - N-84-9

GAUTELISFJELL

IP-SURVEY

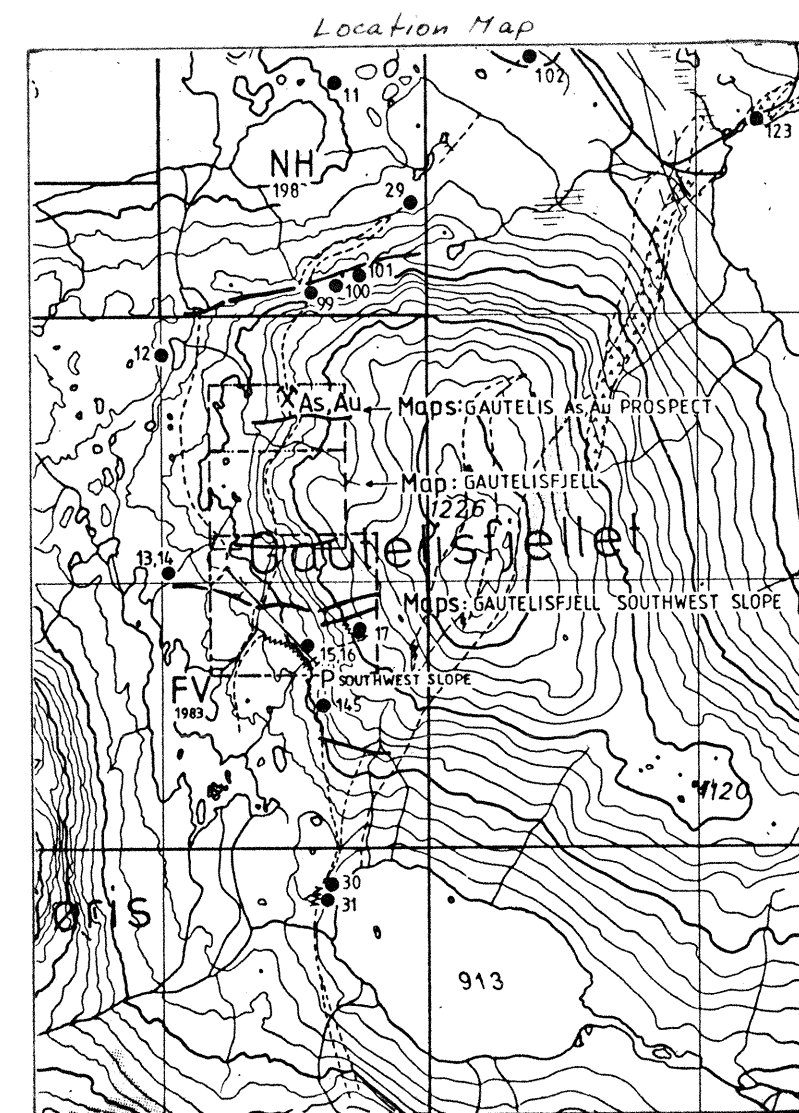
LINE ONS

DIPOLE-DIPOLE $a = 25m$

Date 7.9.1984

Scale: 1:

Signature



ROMBAK - PROJECT - N - 84 - 9

GAUTELISTJELL

IP - SURVEY

LINE I

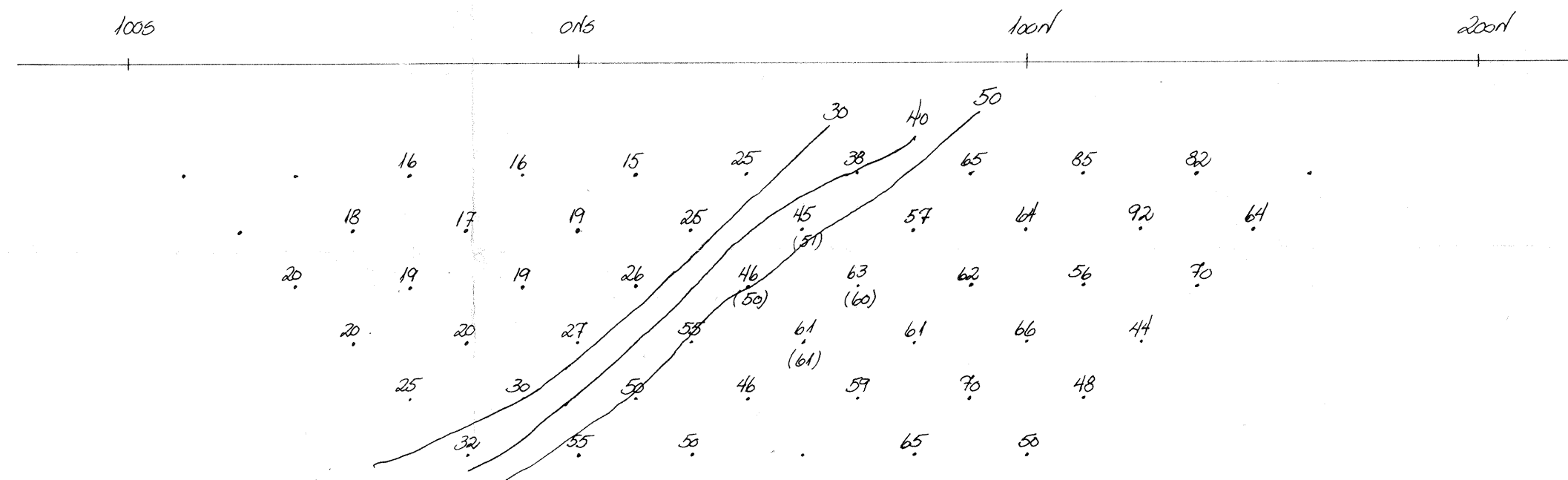
DIPOLE - DIPOLE $a = 25m$

Date 7.9.1984

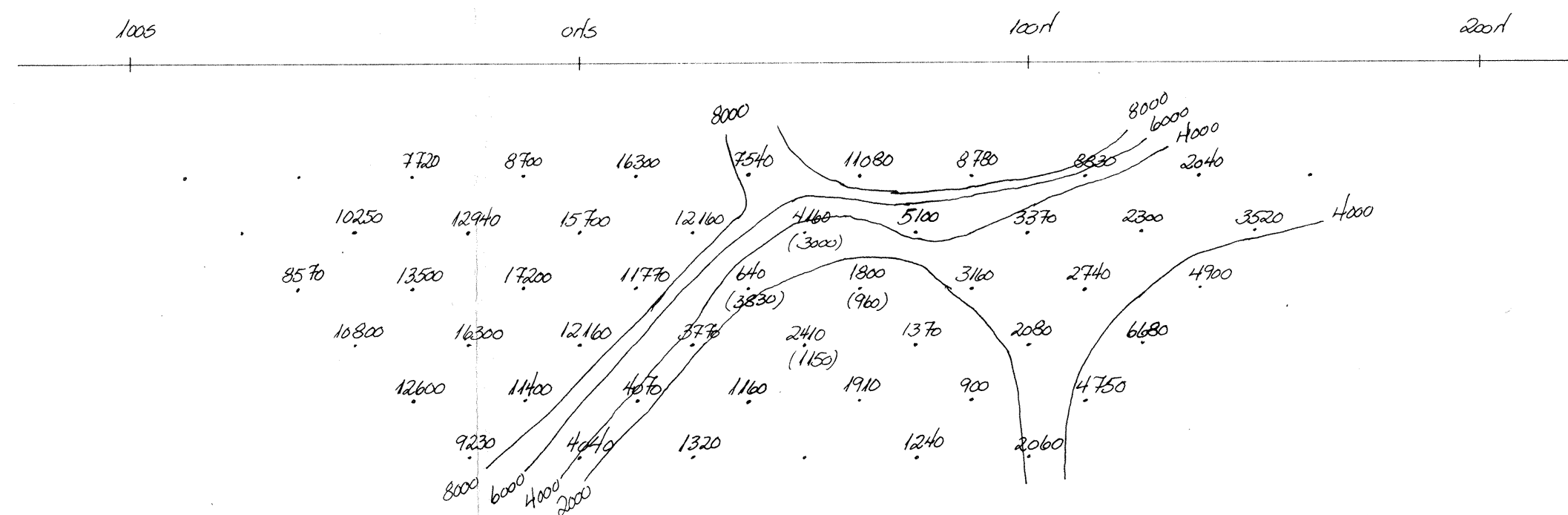
Scale: 1:

Joe Danker

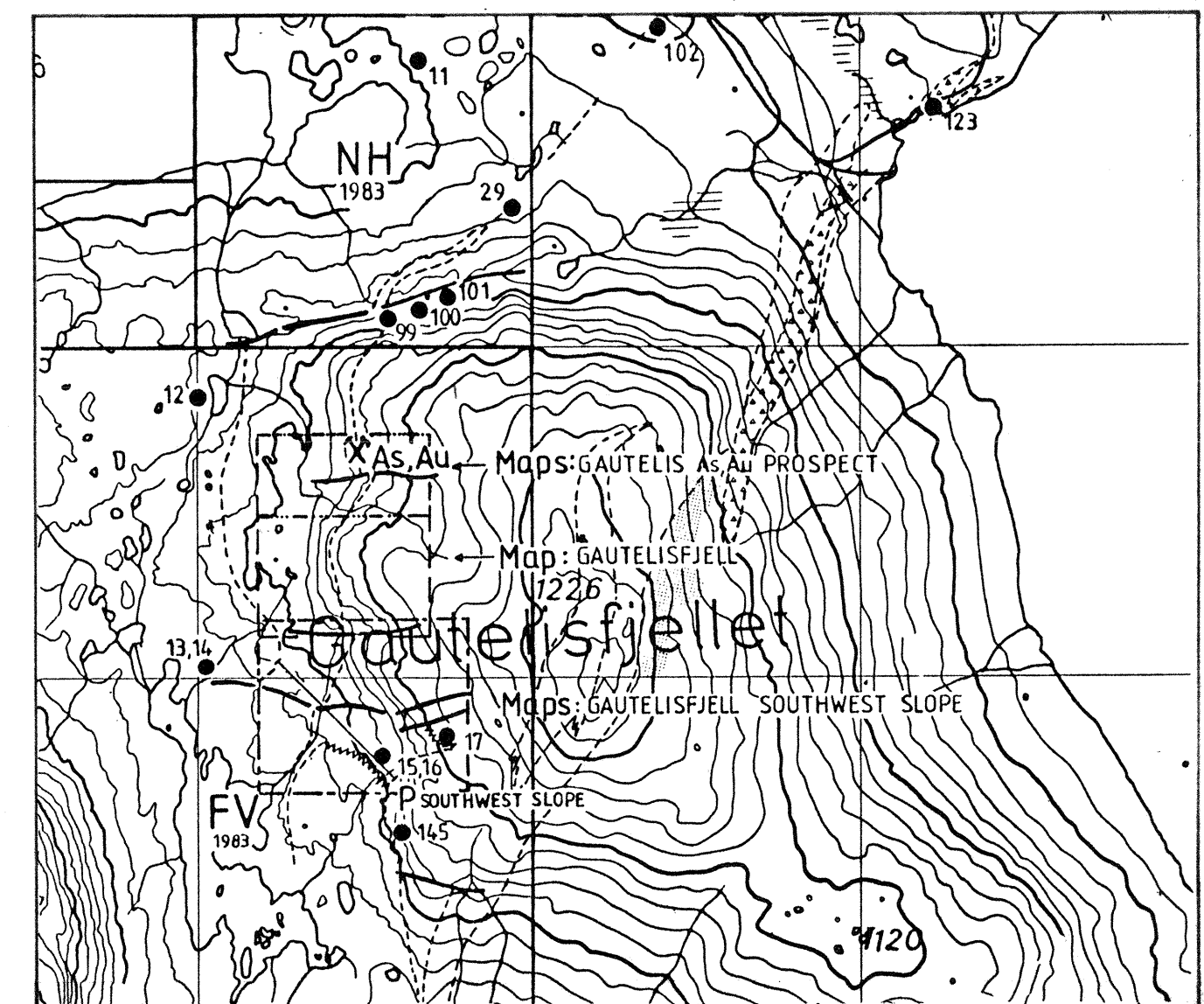
IP%



RP ohm/m



Grid Location Map



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT - N-84-9

GAUTELISFJELL

IP-SURVEY Line 3000

DIPLOLE-DIPLOLE $\alpha=25m$

Date 79 1984

Scale: 1:

Jørn Dalsen

IP%

500φ

400φ

300φ

26	17	22	26	32	17	20	21
25	29	25	26	28 (27)	35	22	19
25	40	29	24 (25)	27 (28)	35	22	16
31	44	29	26 (24)	26	31	19	19
34	42	27	25	25	30	25	
30	41		25	25	32		

500φ

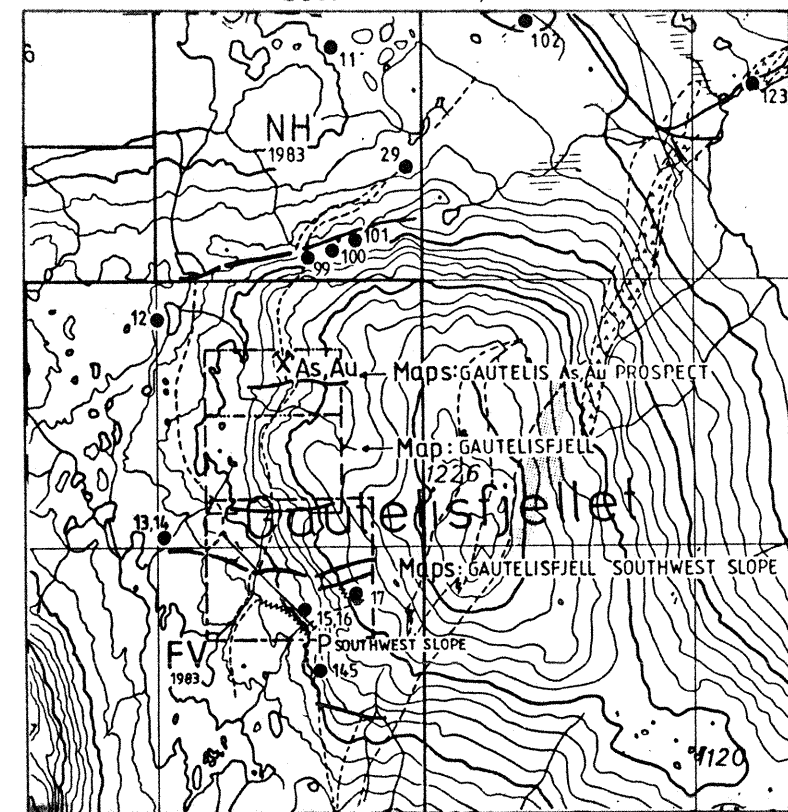
400φ

300φ

RP ohm/m

8330	7060	9600	8830	3960	19000	9180	7300
7770	7080	13500	10500	5730 (6030)	5580	14300	8920
7790	6780	10700	13400	8150 (7410)	7540 (7540)	5090	11400
5940	9610	11300	9420	10700 (10800)	6600	4260	11500
8540	10050	7750	13200	9380	5240	5090	14400
9100	6860	10500		7360	5750	6470	10000

Location Map



FOLLDAL VERK-A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT - N - 84-9

GAUTELISFJELL

IP-SURVEY

LINE 505

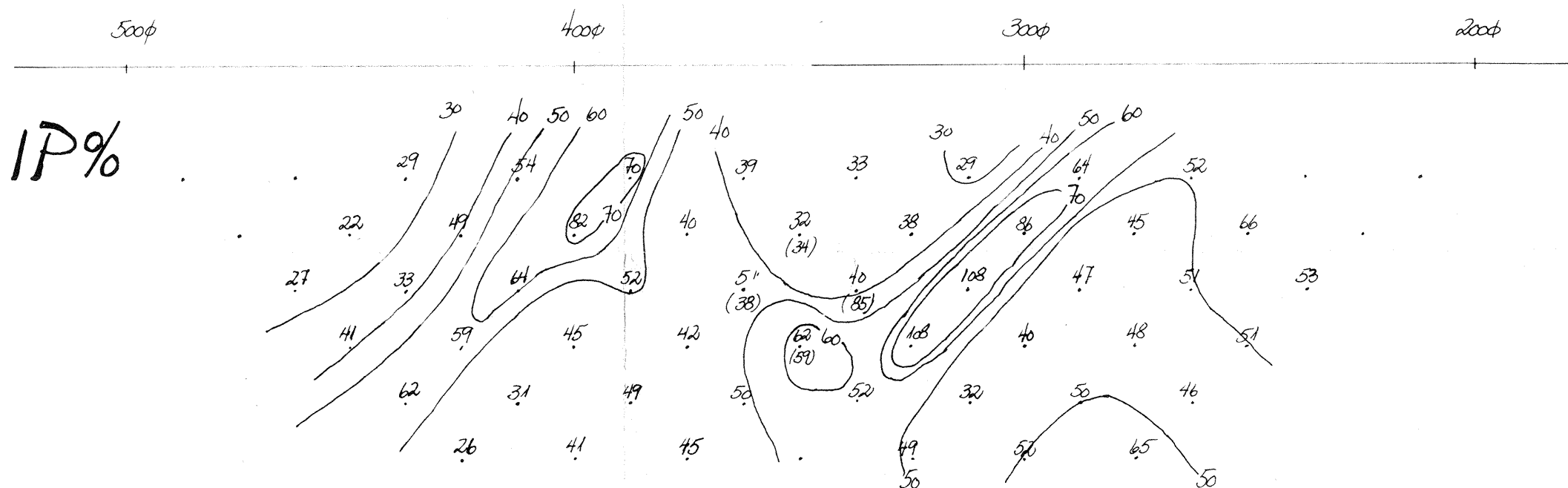
DIPOLE-DIPOLE $a = 25m$

Date 7.9.1984

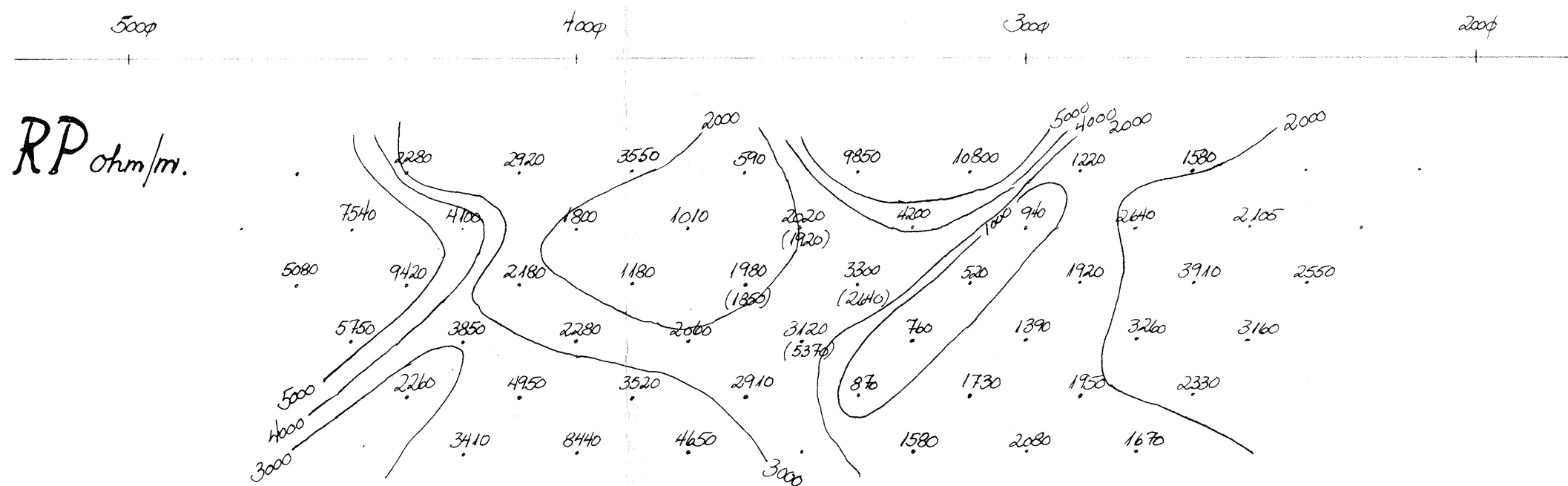
Scale: 1:

J. E. D. H.

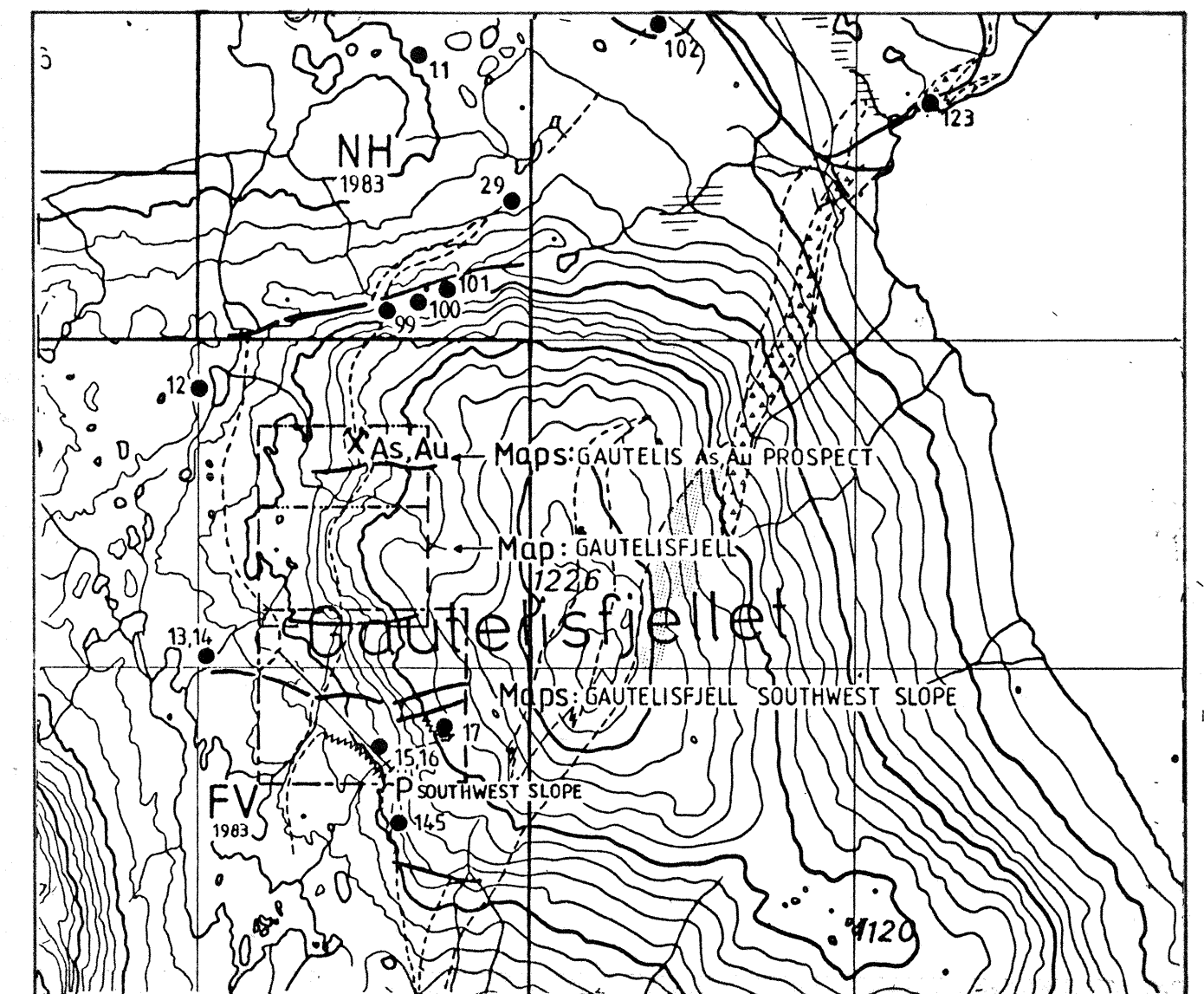
IP%



RP ohm/m.



Grid Location Map



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT - N-84-9

GAUTELISFJELL

IP-SURVEY Line 50N

DIPLOLE DIPOLE CL=25m

Date 7.9.1984

Scale: 1:

Teknisk

2+00 N
1+75 N
1+50 N
1+25 N
1+00 N
0+75 N
0+50 N
0+25 N
0+00
0+25 S
0+50 S
0+75 S
1+00 S

Assay results: rock samples

	Au	Cu	Zn	As	Pb
	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)
NR-15-83	0.21	310	30	3	200
NR-16-83	4	210	45	8.5	12
NR-17-83	20	150	73	11	14
NR-85-83	15	95	97	16	10
NR-86-83	8	120	130	40	12
NR-87-83	22	180	130	57	10
NR-88-83	22	100	93	140	10
NR-128-84	460	90	8	11	20
NR-129-84	0.58	-	-	-	-
NR-130-84	110	62	14	2.3	8
NR-131-84	15	220	100	2.5	8
NR-132-84	300	41	7	0.8	18
NR-133-84	3	150	86	0.2	8
NR-134-84	7	140	140	130	10
NR-136-84	2	70	53	1.2	12
NR-137-84	5	140	120	1.6	14
NR-138-84	22	110	92	0.7	12
NR-139-84	5	30	110	0.8	10
NR-140-84	22	570	150	38	20
NR-142-84	1400	2100	110	74	20
NR-143-84	110	7	29	19	14
NR-144-84	17	150	140	0.8	14
NR-146-84	4	130	16	0.6	8

granitic gneiss

carbonate series

metasediments
and metavolcanics

carbonate series

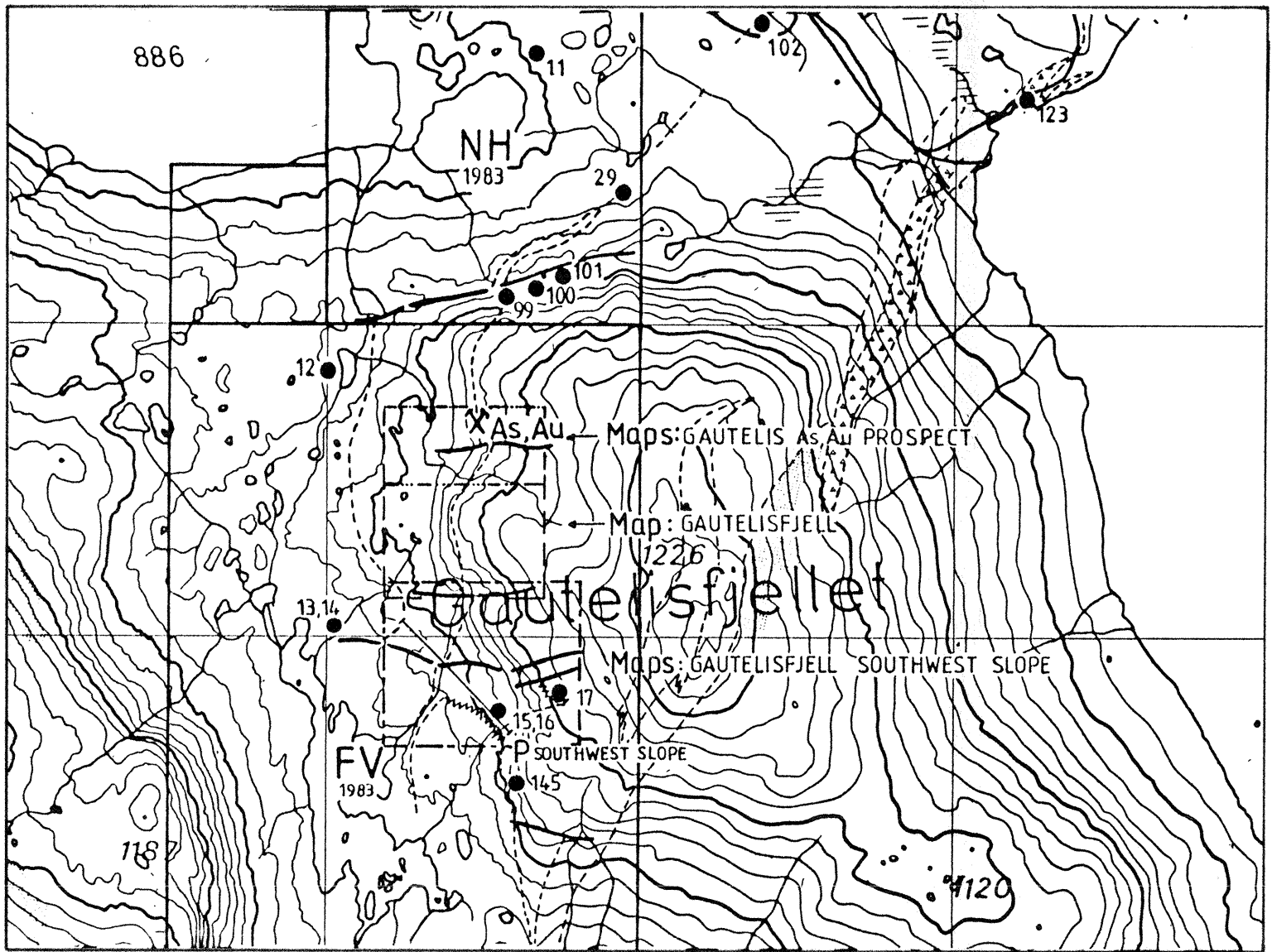
granitic gneiss

granitic gneiss
some interlayers of
metasupracrustals

LEGEND

- Granitic gneiss
- Qtz-mica schist
- Amphibolite
- Marble
- Qtz-fspar rock
- Geological boundary (defined, approximate)
- Fault (approx. with inclination, assumed)
- Mylonite (with inclination)
- Strike, dip (vertical, inclined)
- Location of rock sampling, sample number (NR-85-83)
- DDH Location

Grid Location Map



FOLLDAL VERK A/S - AMOCO NORWAY J.V.

ROMBAK - PROJECT N-84-9

ROMBAK WINDOW
GAUTELISFJELL
SOUTHWEST SLOPE

Geology

Date Aug 1984 Scale: 1:1000 FOP



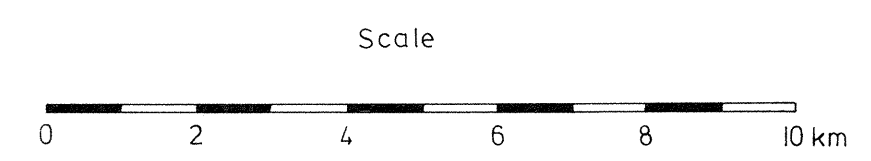
CLAIMS:
FV = Follidal Verk A/S
NR = Norsk Hydro A/S
AR = Arco Norway Minerals Inc.
SN = Skjanglei Norske A/S
USB = norwegian state
K = Terje Karlsen

FOLLDAL VERK A/S - AMOCO NORWAY J.V.		
ROMBAK - PROJECT 330 250		
ROMBAK WINDOW		
CLAIM MAP		
Date June 1984	Scale 1:50 000	FDPR



Legend

- Glacier
- Moraine, gravel, sand, etc.
- Caledonian allochthonous rocks
 - Amphibolite, marble, micaschists, granite, serpentinite, etc.
 - Thrust plane
- Cambrian autochthonous sediments
 - Sandstone, shale, and quartz(basalt) conglomerate
- Precambrian basement
- Intrusive rocks
 - Granite
 - Granite with gabbro inclusions
 - Granite with schist inclusions
 - Syenite
 - Syenite with gabbro inclusions
 - Gabbro
- Metamorphosed volcanics and sediments
 - Quartz - biotite schists
 - Quartz - biotite schists with admixed volcanic material
 - Marble
 - Acid volcanics
 - Mafic volcanics (greenstone, amphibolite)
- Ore occurrences
 - Arsenopyrite/gold
 - Chalcopyrite/pyrite
 - Sphalerite/galenite
 - Magnetite
 - Possible zone with arsenopyrite mineralization (after Ole Johnsen, 1924)
 - Claims staked by Follidal Verk in 2/1983



FOLLIDAL VERK A/S - AMOCO NORWAY J.V.

PROJECT

Geological Map of
the Rombak Window
(after Foslie 1915 - 18, Vogt
1950, Birkefeld 1968 - 71)

Date 3/1983 Scale 1:100,000



ROCK SAMPLES

	Au	Cu	Zn	As	Ag	Pb
	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
NR-1-83	62	130	23	1	0.5	26
NR-2-83	6	280	25	5.9	0.5	26
NR-3-83	6	57	6.5	2.1	0.5	6
NR-4-83	81	140	88	0.7	1	10
NR-5-83	42	230	30	0.5	0.5	4
NR-6-83	2	120	57	0.7	0.5	8
NR-7-83	3	170	7.5	0.2	0.5	12
NR-8-83	2	110	12	10	1.5	180
NR-9-83	170	100	510	1.5	4.5	1800
NR-10-83	150	180	97	1.8	4	14
NR-11-83	39	25	25	5.4	0.5	12
NR-12-83	2	320	21	4.3	0.5	12
NR-13-83	3	33	23	3.8	0.5	8
NR-14-83	57	2000	25	18	2	10
NR-15-83	10000	340	30	3	1	200
NR-16-83	4	240	15	8.5	1	12
NR-17-83	20	150	73	14	1	14
NR-29-83	42	130	27	2.3	1	350
NR-30-83	10	220	99	4.6	1	12
NR-31-83	6	190	24	5.4	0.5	12

	Au	Cu	Zn	As	Ag	Pb
	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
NR-99-83	13	260	63	6	0.5	6
NR-100-83	9	44	26	12	0.5	8
NR-101-83	12	110	43	6.4	0.5	8
NR-102-83	2	190	190	7.1	1	14
NR-113-83	42	68	29	18	0.5	4
NR-114-83	5	380	14	0.9	4.5	2
NR-115-83	12	10	10	0.8	0.5	6
NR-116-83	12	150	33	0.5	1	10
NR-117-83	29	63	30	1.4	0.5	4
NR-118-83	12	86	85	0.5	1	8
NR-119-83	12	200	48	1.7	0.5	6
NR-120-83	8	140	86	8.6	0.5	10
NR-121-83	12	300	83	1.7	1	8
NR-122-83	42	4.5	140	3.7	1	12
NR-123-83	11	54	99	14	1	28
NR-124-83	7	38	140	83	1	16
NR-125-83	44	210	160	2.9	1	18
NR-126-83	32	1400	70	0.7	1	4

	Au	Cu	Zn	As	Pb
	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)
83-ROM-R-7	0.007	2.01	0.06	0.04	—
83-ROM-R-8	—	0.01	0.07	0.04	—
83-ROM-R-9	—	0.08	0.06	0.04	—
83-ROM-R-10	—	0.08	0.07	0.04	—
83-ROM-R-11	—	0.005	0.57	0.08	0.03
83-ROM-R-12	—	0.18	0.05	—	—
83-ROM-R-13	—	0.001	0.06	—	0.01
83-ROM-R-14	—	0.02	—	—	—
83-ROM-R-15	—	0.001	0.06	—	0.01
83-ROM-R-16	—	—	—	—	0.01
83-ROM-R-17	—	—	—	—	0.02
83-ROM-R-18	—	—	—	—	0.02

NR-127-84	55	3100	2199	6.0	—	24900
NR-128-84	150	1990	10	6.8	—	35
NR-129-84	35	630	46	5.0	—	35
NR-130-84	6	200	99	3.3	—	22
NR-131-84	61	9000	38	5.0	—	64
NR-132-84	49	1200	56	3.0	—	14
NR-133-84	48	3900	65	5.8	—	14
NR-134-84	20	1600	83	0.6	—	12

LEGEND

- conglomerates, metagreywackes, metapelites, metatuffs
- carbonate series
- breccia (tectonic ?)
- rocks undiff., mainly granitic gneiss
- geological boundary
- fault, with inclination
- sample location, sample NR-12-83, 83-ROM-R-13
- abandoned mine
- survey profile
- location of survey grids
- claims owners: FV=FOLLDAL VERK A/S, NH=NORSK HYDRO A/S, AR=ARCO NORWAY MINERALS INC.

FOLLDAL VERK A/S-AMOCO NORWAY J.V.

ROMBAK - PROJECT 330 250

GAUTELIS AREA

ROCK SAMPLES, GRIDS, CLAIMS

Date JAN 1984

Scale: 1: 20 000

FDPR