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Kommer fra arkiv	Ekstern rapport nr	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Grong Gruber AS		Grong Gruber a.s.		

Tittel

GRONG, NORWAY
GEOPHYSICAL MEASUREMENTS IN AUGUST 1992

Forfatter	Dato	År	Bedrift (oppdragsgiver og/eller oppdragstaker)
Arto Julkunen	21.09	1992	Suomen Malmi OY Finnexploration

Kommune	Fylke	Bergdistrikt	1: 50 000 kartblad	1: 250 000 kartblad
Grong	Nord-Trøndelag		18234	Grong

Fagområde	Dokument type	Forekomster (feltnavn, gruvefelt, undersøkelsesfelt)
Geofysikk		Skiftesmyr

Råstoffgruppe	Råstofftype
Malm/metall	Cu Kis

Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse

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NORSULFID A/S

OUTOKUMPU NORGE A/S

GRONG, NORWAY

GEOPHYSICAL MEASUREMENTS

IN AUGUST 1992

Espoo 21.09.1992

SUOMEN MALMI OY
FINNEXPLORATION

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1. INTRODUCTION

According to the quotation 221/92 005 to Norsulfid A/S Suomen Malmi Oy (SMOY) carried out geophysical measurements in Grong, Norway, in the Skiftesmyr. The measurements took place in the vbeginning of August, 1992. The work was done under leadership of Mr. Aimo Hattula, Outokumpu Finnmines Oy Exploration. The field crew consisted of a foreman and two observers.

The number of MaxMin points was 1248 and the amount of magnetic points was 4950.

Locating of the survey lines was based on the existing grid made by the Client.

The location of the survey grid is shown in appendix 1.

2. EM MEASUREMENTS

The measurements were made with a MaxMin system, using a station separation of 20 m. Line separation was 50 m. Three frequencies were used: 110 Hz, 1760 Hz and 7040 Hz. The results are shown in appendix 2. as profiles.

3. MAGNETIC MEASURENTS

The measurement was made using Scintrex IGS-2 units for both field measurement and as base station.

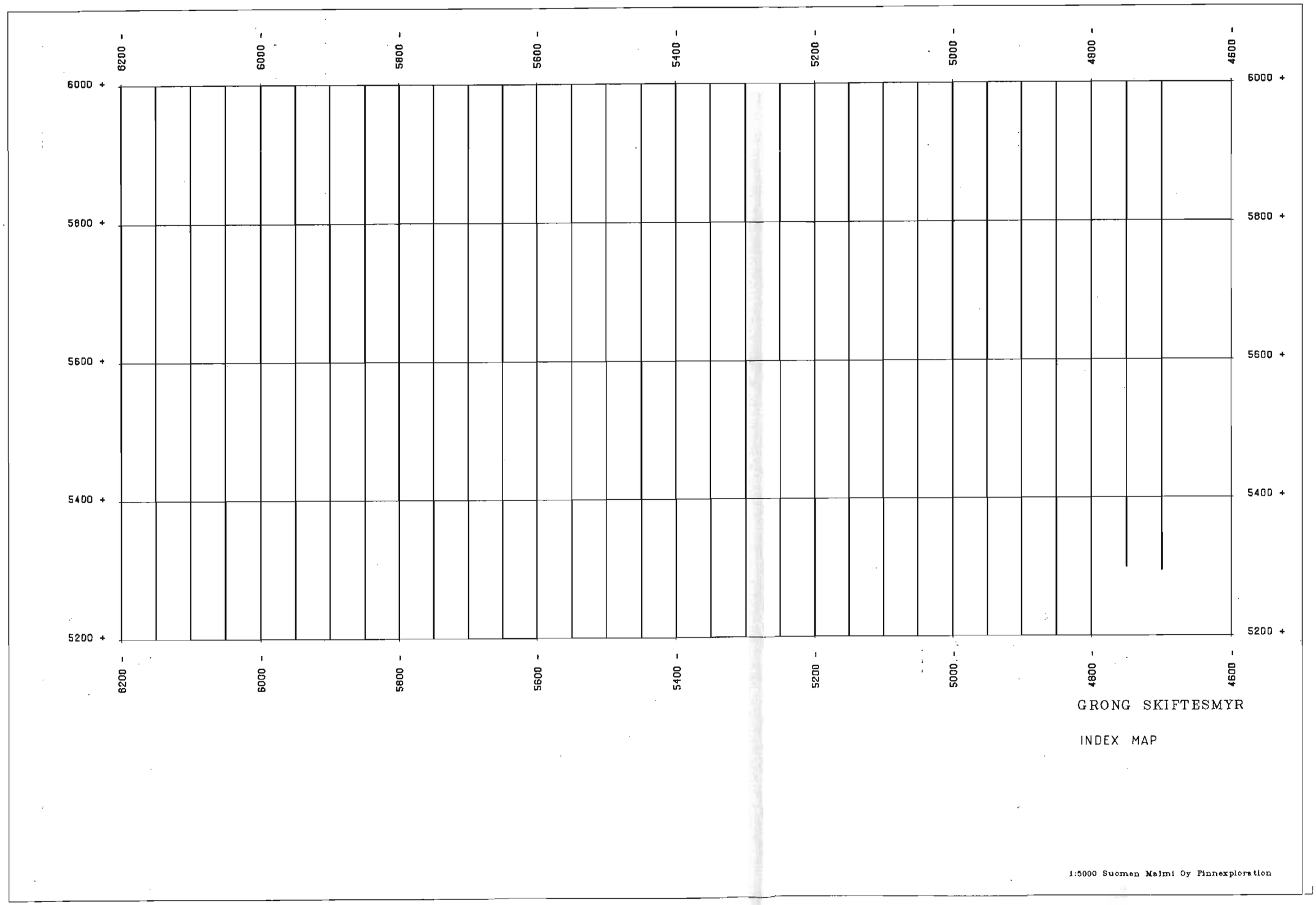
The station separation was 5 m while the line separation was 50 m.

The results are shown as profiles and as colour maps (Appendices 3.1, 3.2 and 3.3).

The work succeeded well in accordance with the plans.

Suomen Malmi Oy
Measurements

Arto Julkunen, Geophysicist



GRONG SKIFTESMYR

INDEX MAP

1:5000 Suomen Malmi Oy Finnexploration

APPENDIX 1

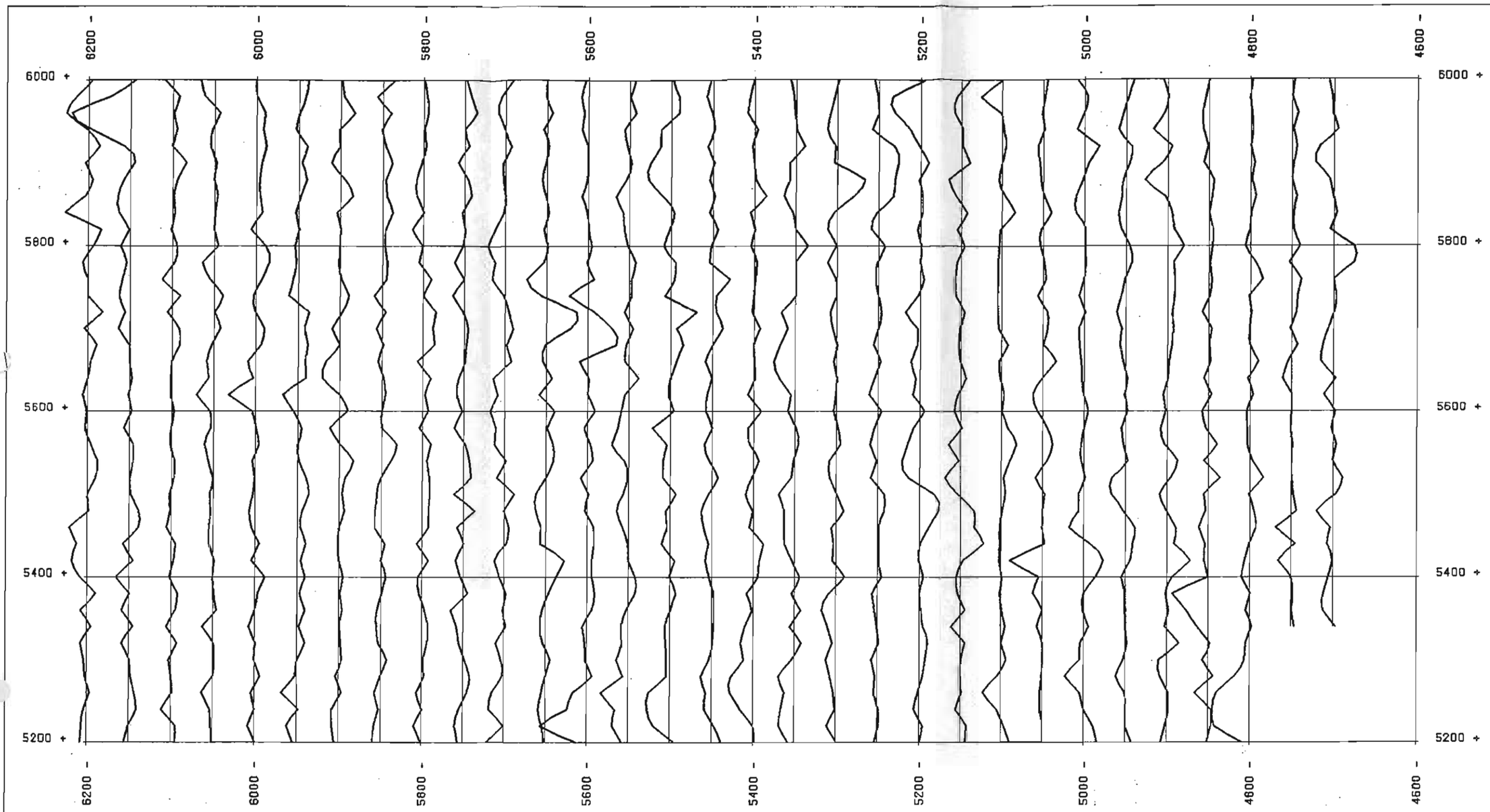
SURVEY AREA

SUOMEN MALMI OY
FINNEXPLORATION

GRONG, N O R W A Y

1:50 000
INDEX MAP

NORSULFID A/S
1.1992 SMOY/aml



GRONG SKIFTESMYR

Max-Min Slingram

a=60 m

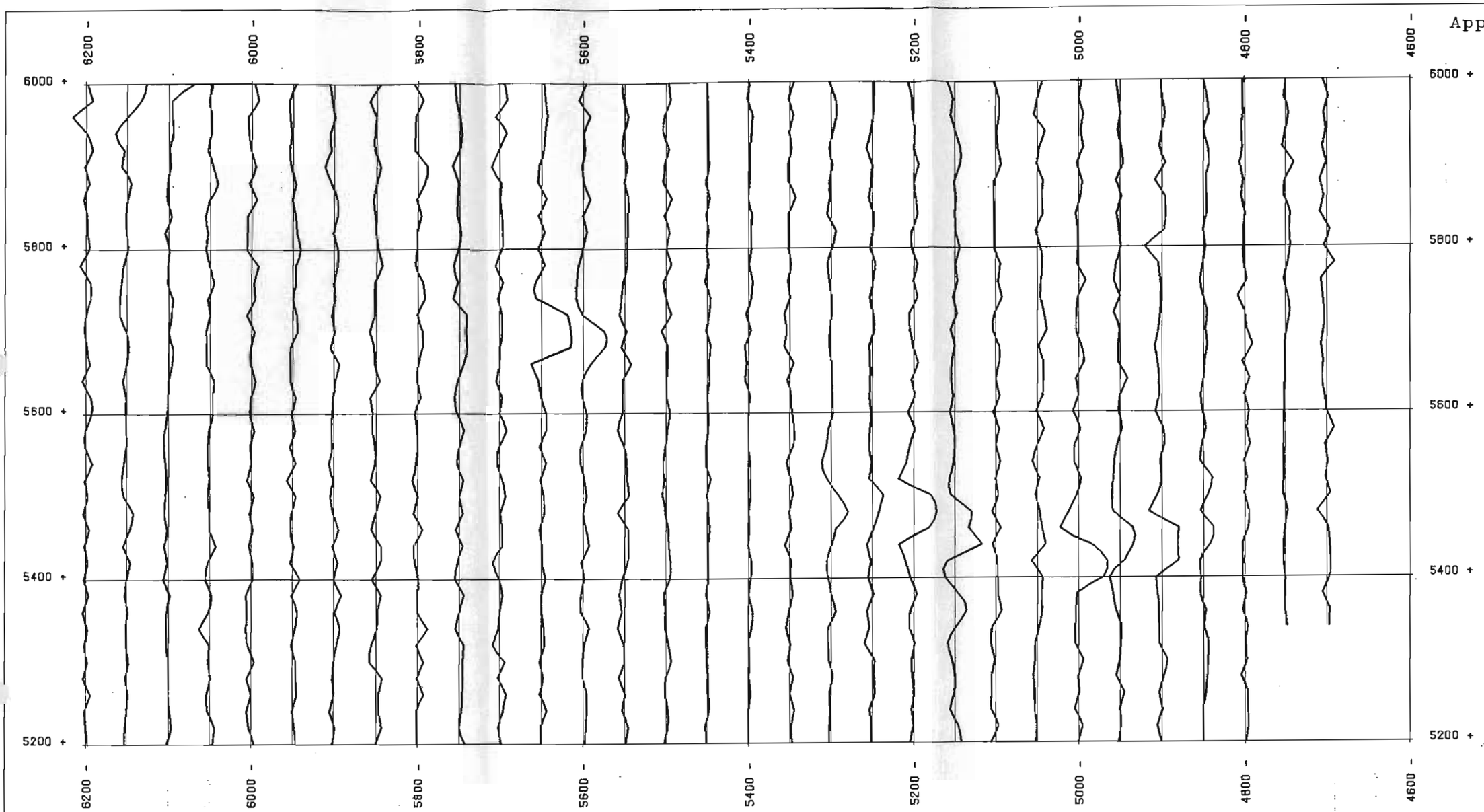
1 cm = 20 %

+ ⟨--⟩ -

f = 110 Hz/Re

1:5000

Suomen Malmi Oy Finnexploration

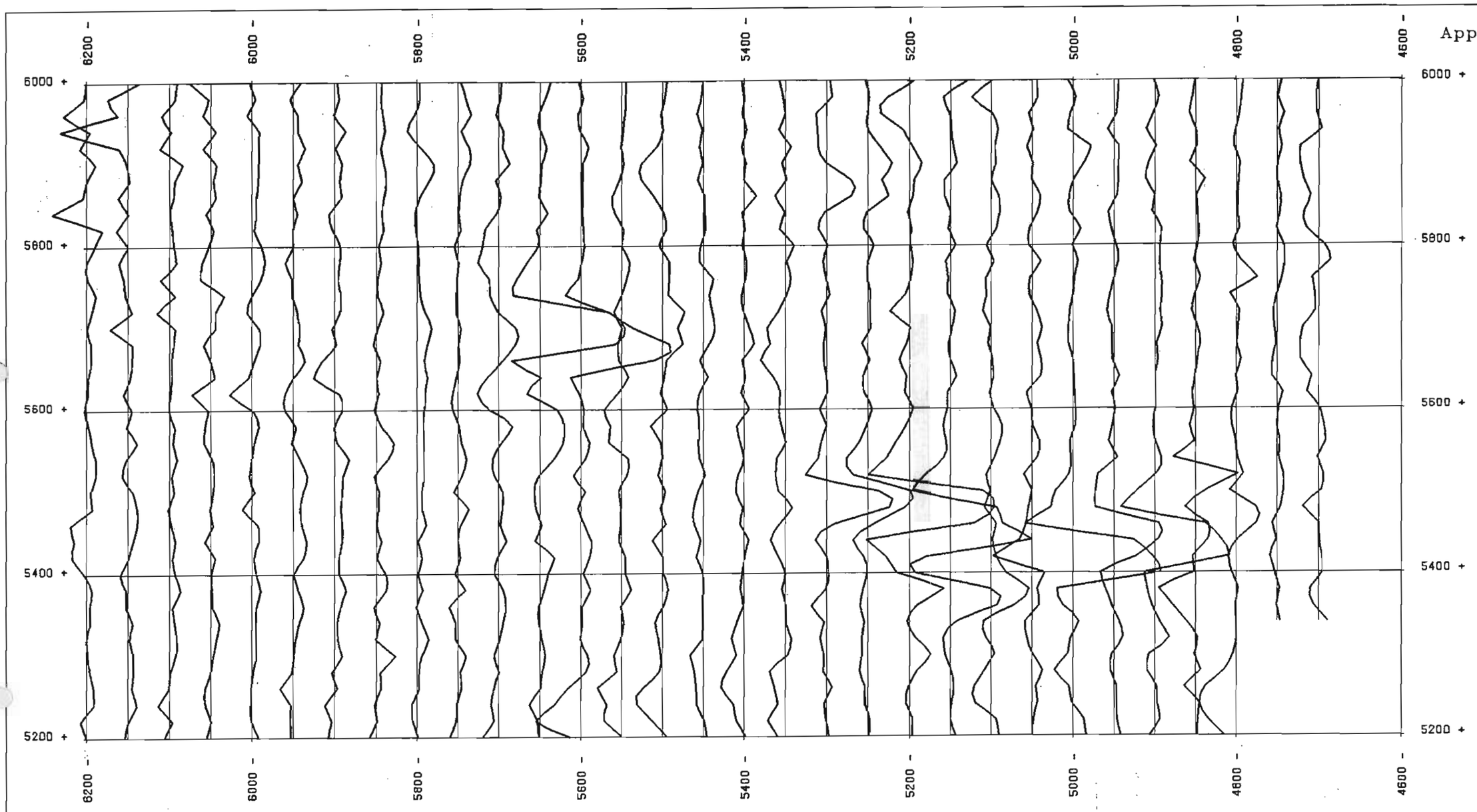


GRONG SKIFTESMYR

Max-Min Slingram
a=60 m
1 cm = 20 %
+ ⟨--⟩ -
f=110 Hz/Im

1:5000

Suomen Malmi Oy Finnexploration

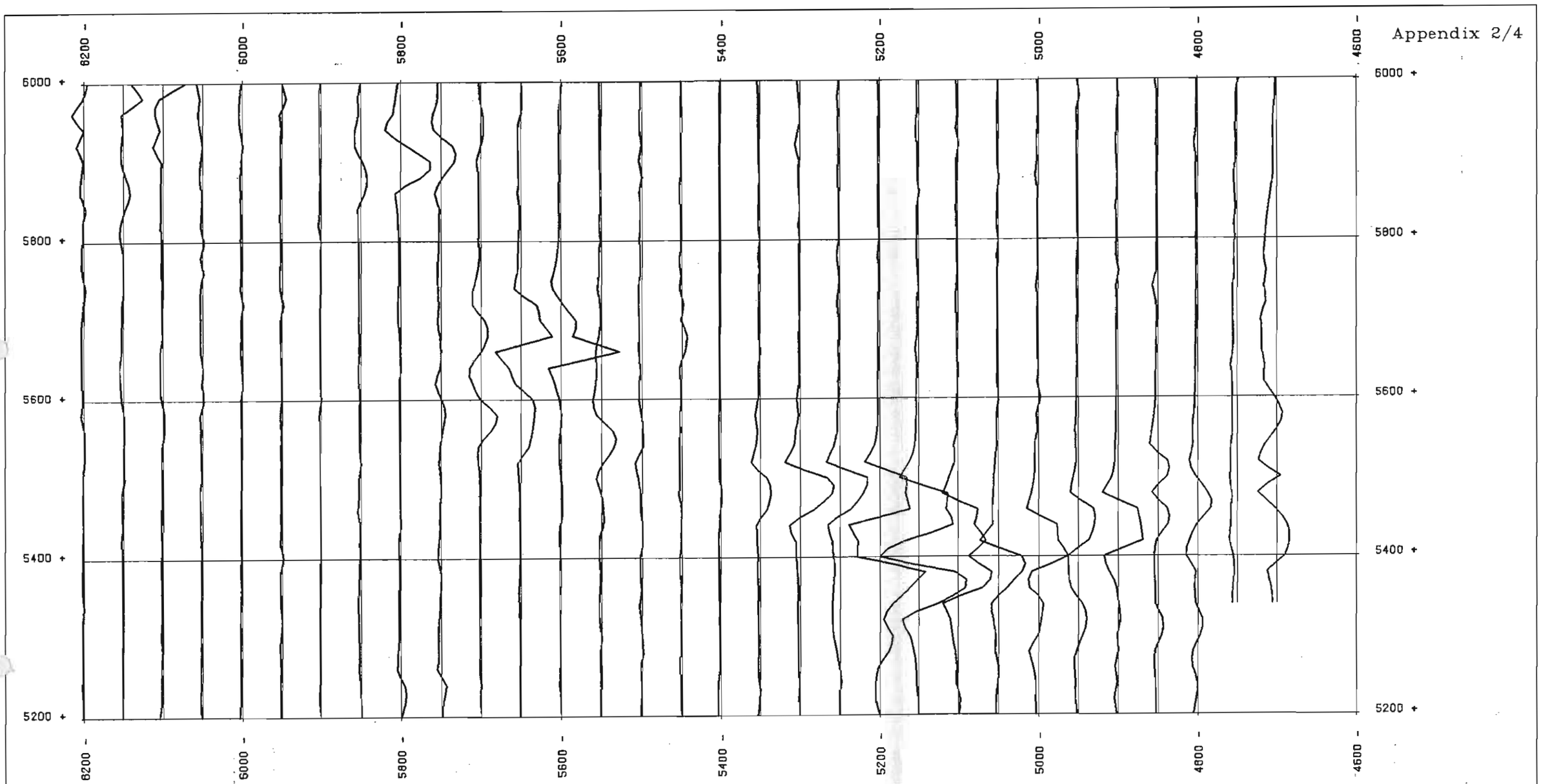


GRONG SKIFTESMYR

Max-Min Slingram
a=60 m
1 cm = 20 %
+ ⟨--⟩ -
f=1760 Hz/Re

1:5000

Suomen Malmi Oy Finnexploration

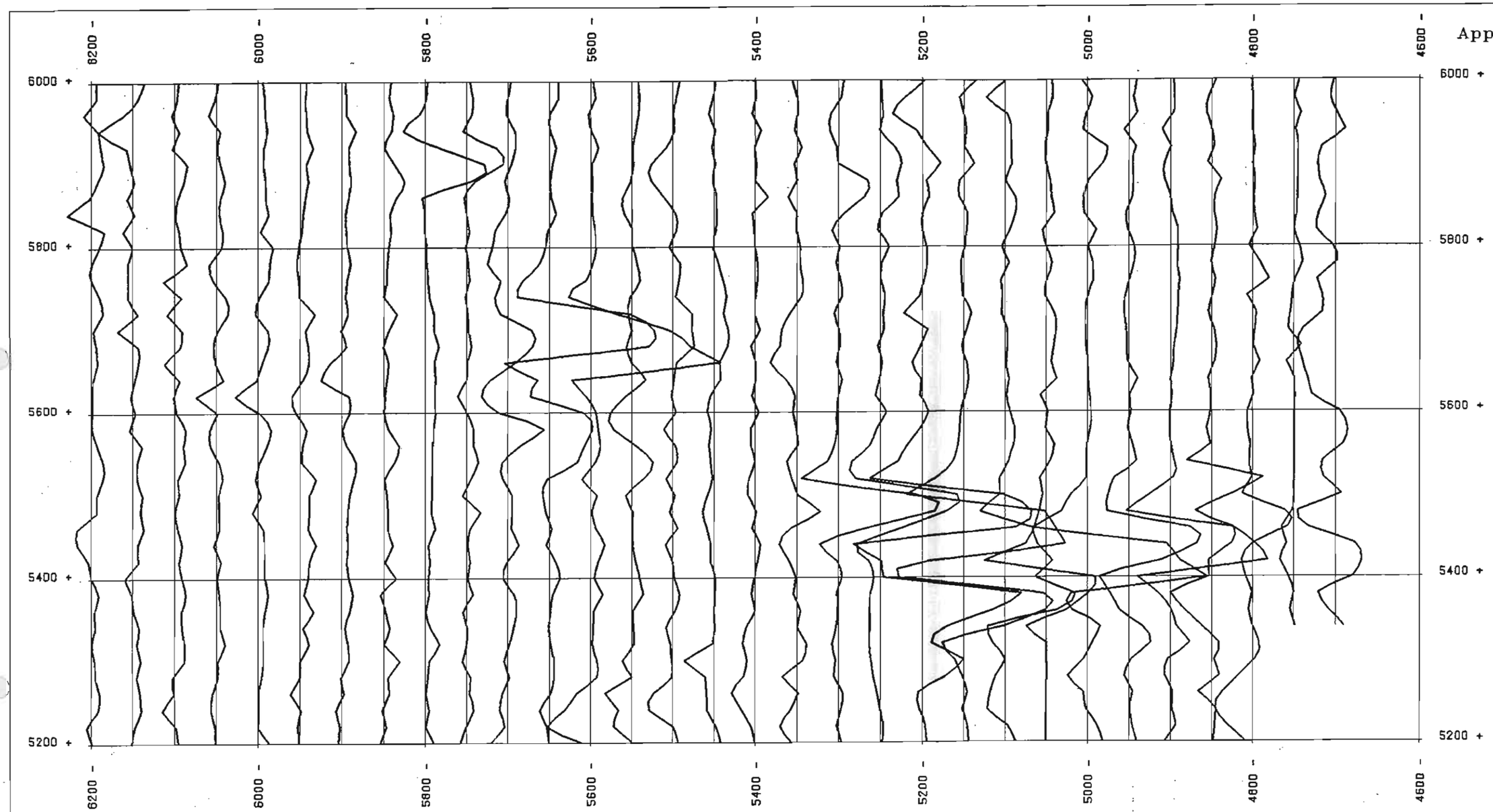


GRONG SKIFTESMYR

Max-Min Slingram
a=60 m
1 cm = 20 %
+ ⟨--⟩ -
f=1760 Hz/Im

1:5000

Suomen Malmi Oy Finnexploration

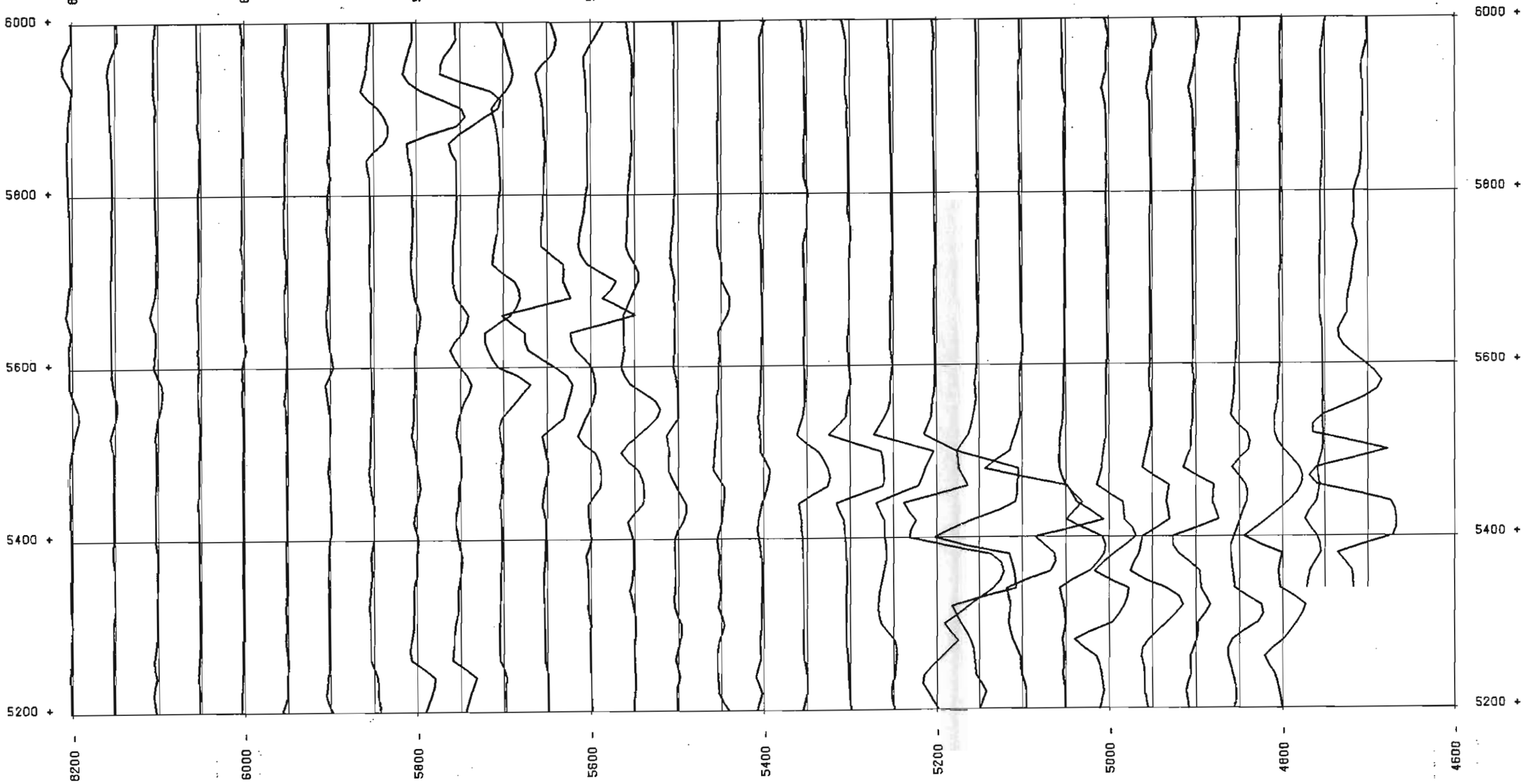


GRONG SKIFTESMYR

Max-Min Slingram
a=60 m
1 cm = 20 %
+ ⟨--⟩ -
f=7040 Hz/Re

1:5000

Suomen Malmi Oy Finnexploration

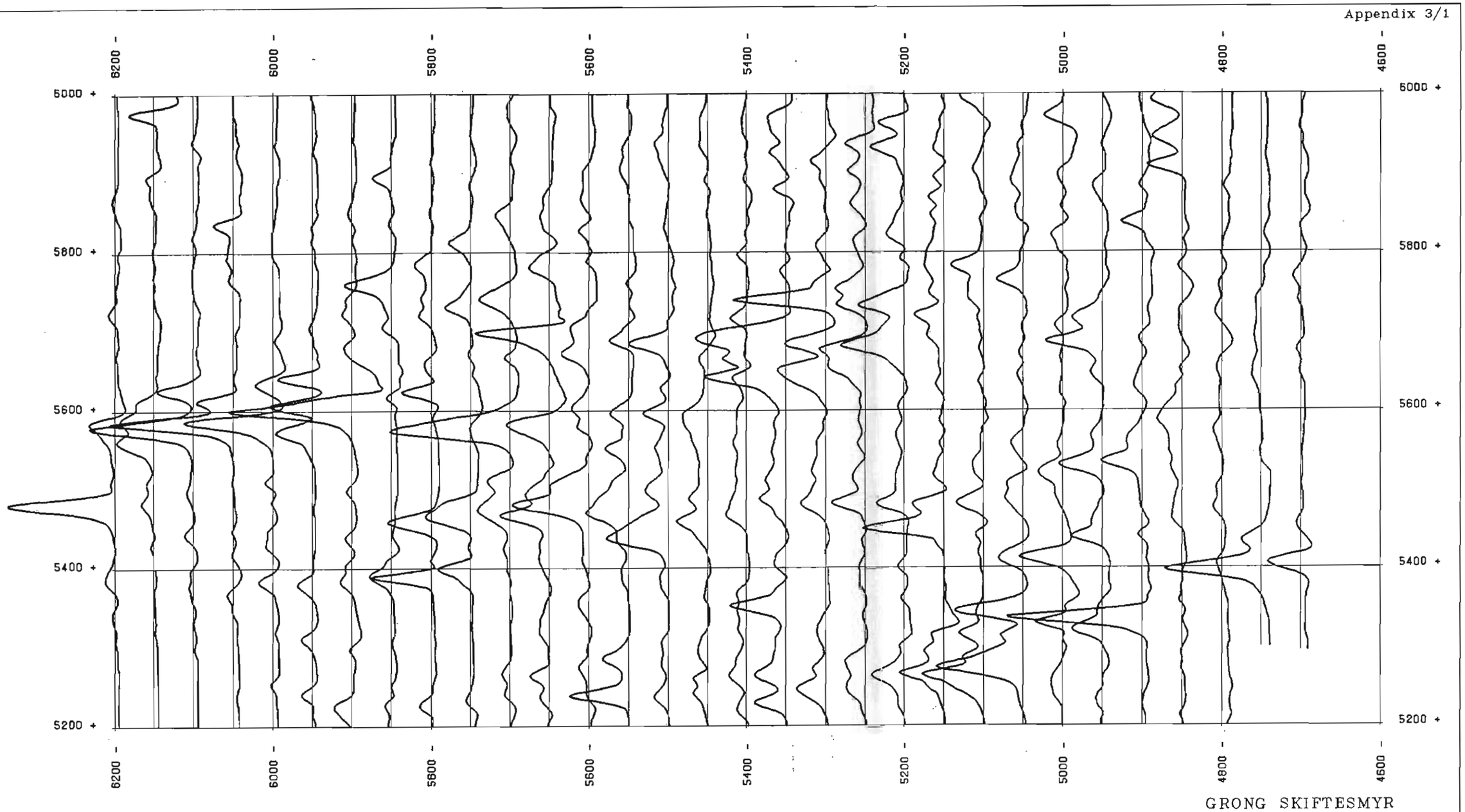


GRONG SKIFTESMYR

Max-Min Slingram
a=60 m
1 cm = 20 %
+ ⟨--⟩ -
f=7040 Hz/Im

1:5000

Suomen Malmi Oy Finnexploration



GRONG SKIFTESMYR

Magnetic Map

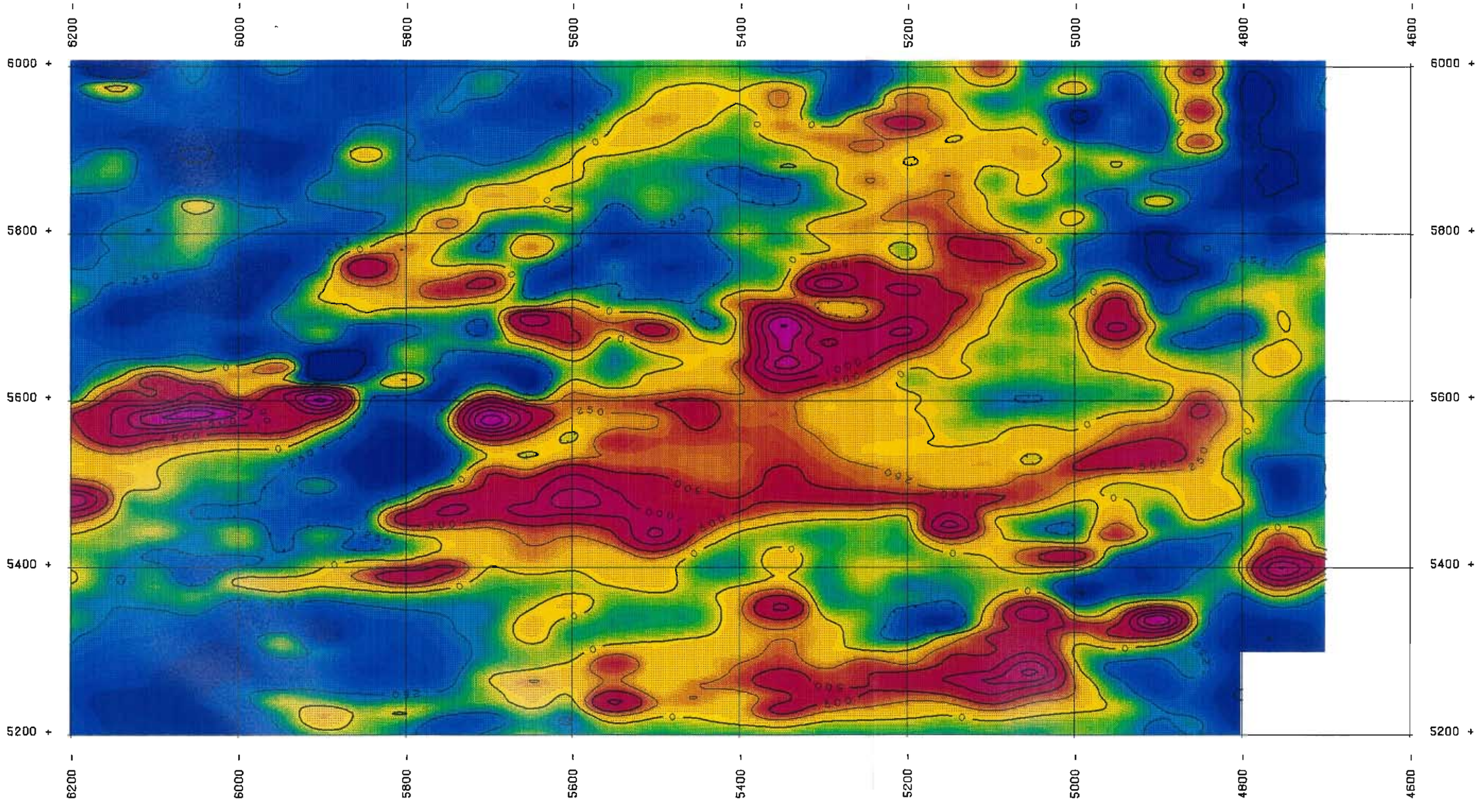
Total Field

3 Pts. Moving Average

1 cm = 2000 nT

Base Field = 51500 nT

1:5000 Suomen Malmi Oy Finnexploration



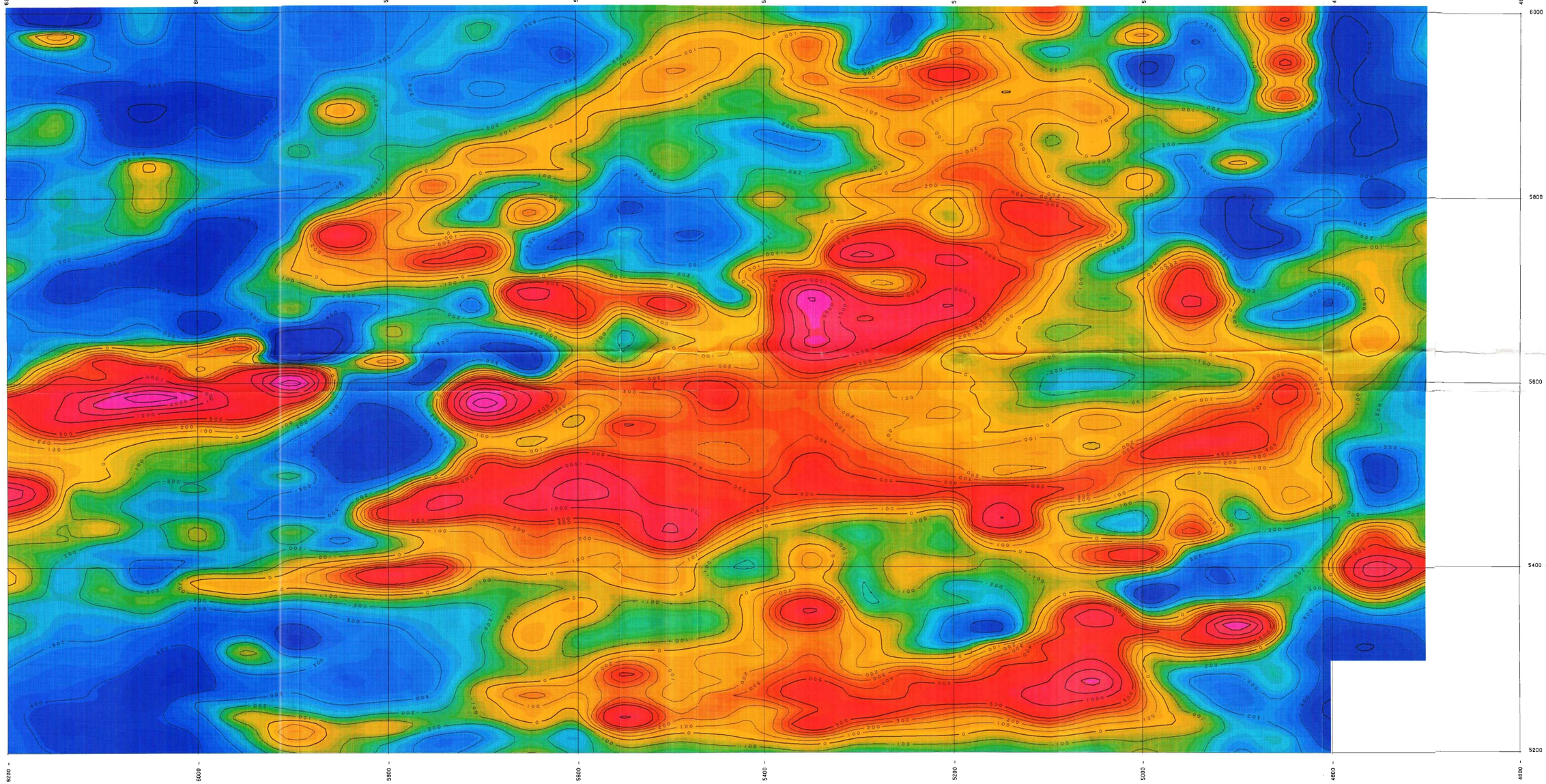
GRONG SKIFTESMYR

Magnetic Map

Total Field

Field Continued 10m upwards

1:5000 Suomen Malmi Oy Finnexploration



Appendix 3/3

GRONG SKIFTESMYR
Magnetic Map
Total Field
Field Continued 10m upwards

1:5000 Suomen Malmi Oy Finnexploration