



Bergvesenet

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Rapportarkivet

Bergvesenet rapport nr BV 4568	Intern Journal nr 0452/97	Internt arkiv nr Rapportarkivet	Rapport lokalisering Trondheim	Gradering Fortrolig
Kommer fra ..arkiv	Ekstern rapport nr	Oversendt fra Geologiske Tjenester AS	Fortrolig pga Muting	Fortrolig fra dato:
Tittel Forslag til borprogram i Bidjovagge - 1997 HMC - 1996 Report - Bidjovagge Prosjekt Part 2 - Drill Proposal.				
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Kommune Kautokeino	Fylke Finnmark	Bergdistrikt Troms og Finnmark	1: 50 000 kartblad 18334	1: 250 000 kartblad Nordreisa
Fagområde Geologi Geofysikk Geokjemi Boring	Dokument type Rapport		Forekomster Bidjovagge	
Råstofftype Malm/metall	Emneord Au Cu			
Sammendrag Se også BV 4565, BV 4566 og BV 4567				

HMC -1996 Report -Bidjovagge Project

Part II- 1997 Drill Proposal

Bclx Consulting Limited

Garth Pierce , President

Dated--January 30, 1996-Wolfville, Nova Scotia

1997

INTRODUCTION

At Bidjovagge mineralization is spatially related to graphite horizons and the ore deposits can be clearly shown to occur near breaks or disruptions in the graphite beds. The EM responses on the property map these graphite beds and define a broad fold structure. The east limb of this fold contains most of the economic mineralization found to date on the property. Economic mineralization such as the K and I deposits do however occur on the west limb but this side of the fold structure has received much less exploration work in the past. The proposed 1997 drill program will test the most prospective of the remaining near surface geochemical and geophysical anomalies with a focus on this western EM trend. The seven near surface anomalies proposed for testing this year will require a minimum of 900 meters of drilling to properly evaluate.

A further 3350 meters of drilling has been proposed to begin testing below the shallow ore zones which have already been mined on the property. While longitudinal sections suggest many of the developed deposits are open to depth only the C Zone was mined at depths greater than 200 meters and there is no indication of shallow controls on the mineralization at Bidjovagge. Seven areas have been selected for evaluation and this drill program will test the stratigraphy at depths of 200 to 300 meters below surface. These targets are described below.

Ultimately one or two very deep tests of the Bidjovagge hydrothermal system should be considered. These drill holes would target the Bidjovagge structure at depths of 500 to 650 meters below surface but should wait until the deposits geometry is more clearly understood.

A budget of **SC506,000** is proposed to begin this program. An expenditure of this size will not allow all the targets described below to be tested but such a budget is a reasonable next step for the project. Targets listed below will have to be prioritized and should constantly be reassessed as results of the drill program are received. Two drills should be used for the project to allow maximum program flexibility.

Figures 1 to 4 illustrate the proposed drill targets on EM and Geochemistry maps of Bidjovagge.

SHALLOW TARGETS

Anomaly A: A 100 meter drill hole is proposed to test a short strike length conductor which flanks the main graphite horizon 350 meters south of the K pit.

Anomaly B: An additional 50-75 meters are needed to complete drill hole 96-17 which was shutdown short of its target late in the 1996 program. The target is a series of short strike length conductors underlying a shallow tailings pond.

Anomaly C: A 125 meter drill hole is proposed to test a break in the conductivity trend as shown on Figure #3.

Anomaly D: As with anomaly C one 125 meter drill hole is required to test a sharp change in conductivity in covered terrain south of the main tailings dam.(figure #3)

Anomaly E: A 150 meter hole is proposed to test coincident Au-Cu soil anomalies overlying a break in the western EM anomaly . The target is 300 meters north on strike of the K pit . Results of hole 96-4 show the rock in this area to be intensely sericitized with abundant disseminated sulfide.

Anomaly F: One 120 meter drill hole is proposed to test a break in the western graphite horizon 150 meters north of the I pit .The area is covered by glacial sands but there is a strong Au-Cu soil anomaly immediately down slope at the edge of the sand cover.

Anomaly G: (Figure # 4 only) One 200 meter drill hole is planned to test a break in the western graphite horizon from 3800 to 4200 south on the mine grid. The broken pattern of the airborne conductors in this area is characteristic of the EM responses near many of the known deposits.

DEEP TARGETS

3000 Deep : Two holes totaling 650 meters are proposed to test the 3000 zone at depths of 250 to 275 meters below surface. The Reedman inventory gives this Zone a resource of **137,000 tonnes @ 7.9gpt Au and 1.5% Cu** ; better intercepts include **23gpt/18.0M , 11gpt/12.0M and 72gpt/6.0M**. An effort should be made to expand this resource to 400,000 tonnes within ramp limits.

K Deep : Two holes totaling 550 meters are proposed to test the K Zone at depths of 225 to 250 meters. The K Zone produced some of the highest grade gold ore at Bidjovagge (7-8 grams) and the sulfide ores were more potassic than most of the mineralized felsites. Further evaluation of the K horizon at depth is warranted.

B Deep : Follow-up drilling is proposed to test the B Zone intercept cored in hole 96-1 (**2.8 gpt/17.3m including 10.4 gpt/4.0m**). Two holes totaling 450 meters are recommended to test the down plunge extension of this mineralization at vertical depths of 200 to 225 meters.

I Deep : A new zone of mineralization was intersected in hole 96-5 (**3.5 gpt/6.5m**) west of the I zone open pit. The mineralization lies along the same horizon as the K ore zone and the sulfides cored in hole 96-5 appear to be well banded . Two holes totaling 350 meters are proposed to test the I West zone at depths of 125 to 175 meters.

H Deep : The H Zone contains a small resource of **80,000 tonnes grading 1.6%Cu and 4.3 gpt Au** . These reserves are near surface and the H zone appears to have potential to increase this reserve at shallow depths. The three holes proposed to test the H zone at depths of 150 to 200 meters will require a total of 550 meters to complete.

C Deep : The C zone is a series of parallel sulfides zones which have a shallow southerly rake. The ores have been mined underground but many of

the shoots appear to be open at shallow depths above the limits of the development ramp which followed the shoots to the south. Three holes totaling 550 meters are proposed to test for shallow extensions of the C mineralization.

L Deep : One 250 meter hole is proposed to test for extensions to the southern most ore zone at Bidjovagge, the L Zone. Reedman's inventory gives the zone a reserve of *148,000 tonnes at 1.4 % Cu and 2.6 gpt Au*. Although the zones grade is marginal the system is poorly explored and a deep test is warranted.

1997 DRILL BUDGET

<i>Drilling</i>	<i>3800 meters @ \$100/M-----</i>	<i>\$ 380,000</i>
<i>Assaying</i>	<i>500 samples @ \$ 30-----</i>	<i>\$ 15,000</i>
<i>Geology</i>	<i>60 mandays @ \$ 700/day-----</i>	<i>\$ 42,000</i>
<i>Core Splitting</i>	<i>60 mandays @ \$ 350/day-----</i>	<i>\$ 21,000</i>
<i>Camp Costs</i>	<i>60 days @ \$ 300/day-----</i>	<i>\$ 18,000</i>
<i>Contingency (-truck rental, field supplies, gasoline etc.)--</i>		<i>\$ 24,000</i>
		<i>** Total = \$ 506,000</i>

****Note---**All figures given are in Canadian dollars ; airfares are included in manday costs.

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Justin
Feb 3/97

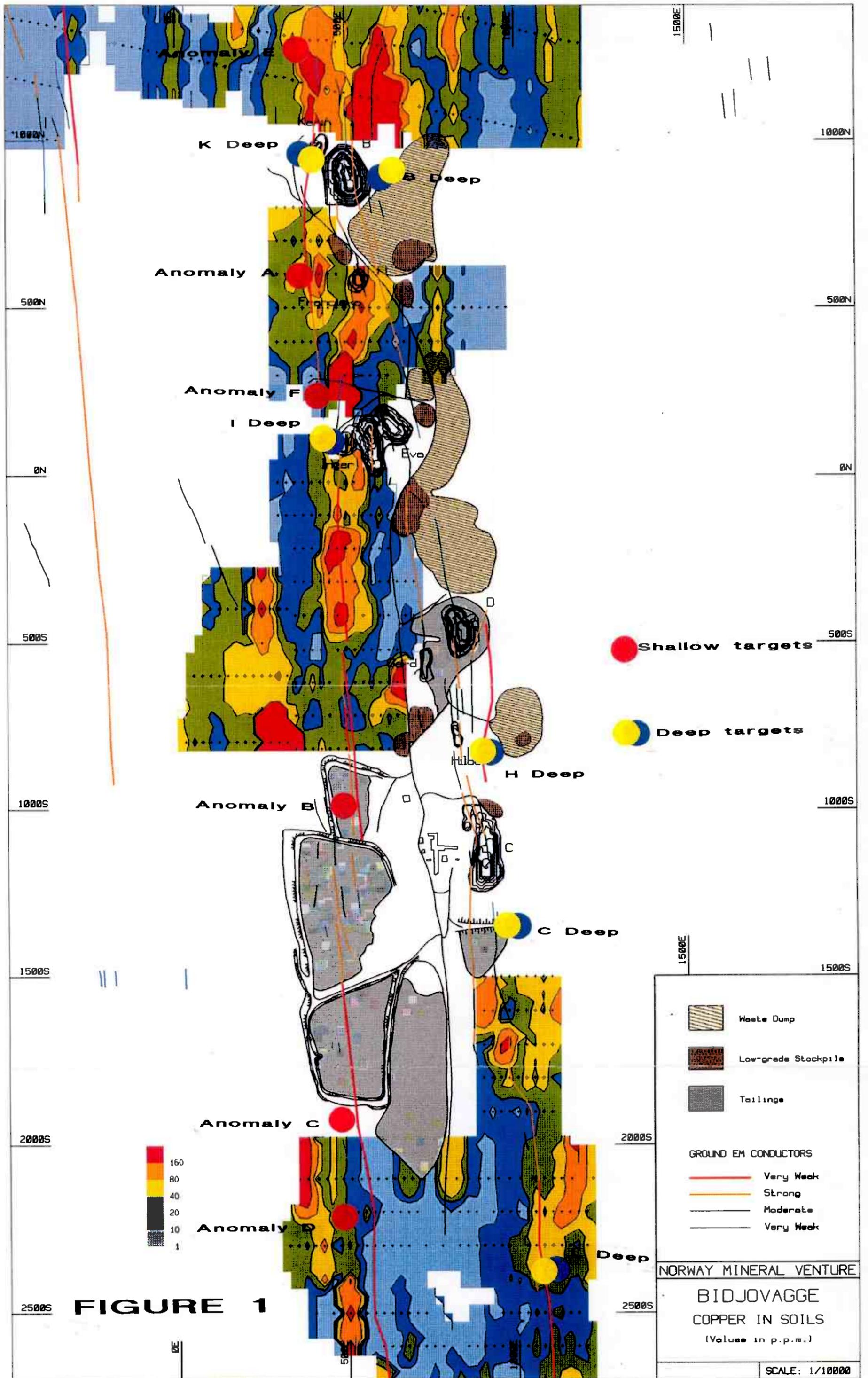


FIGURE 1

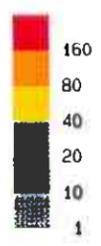
● Shallow targets
 ● Deep targets

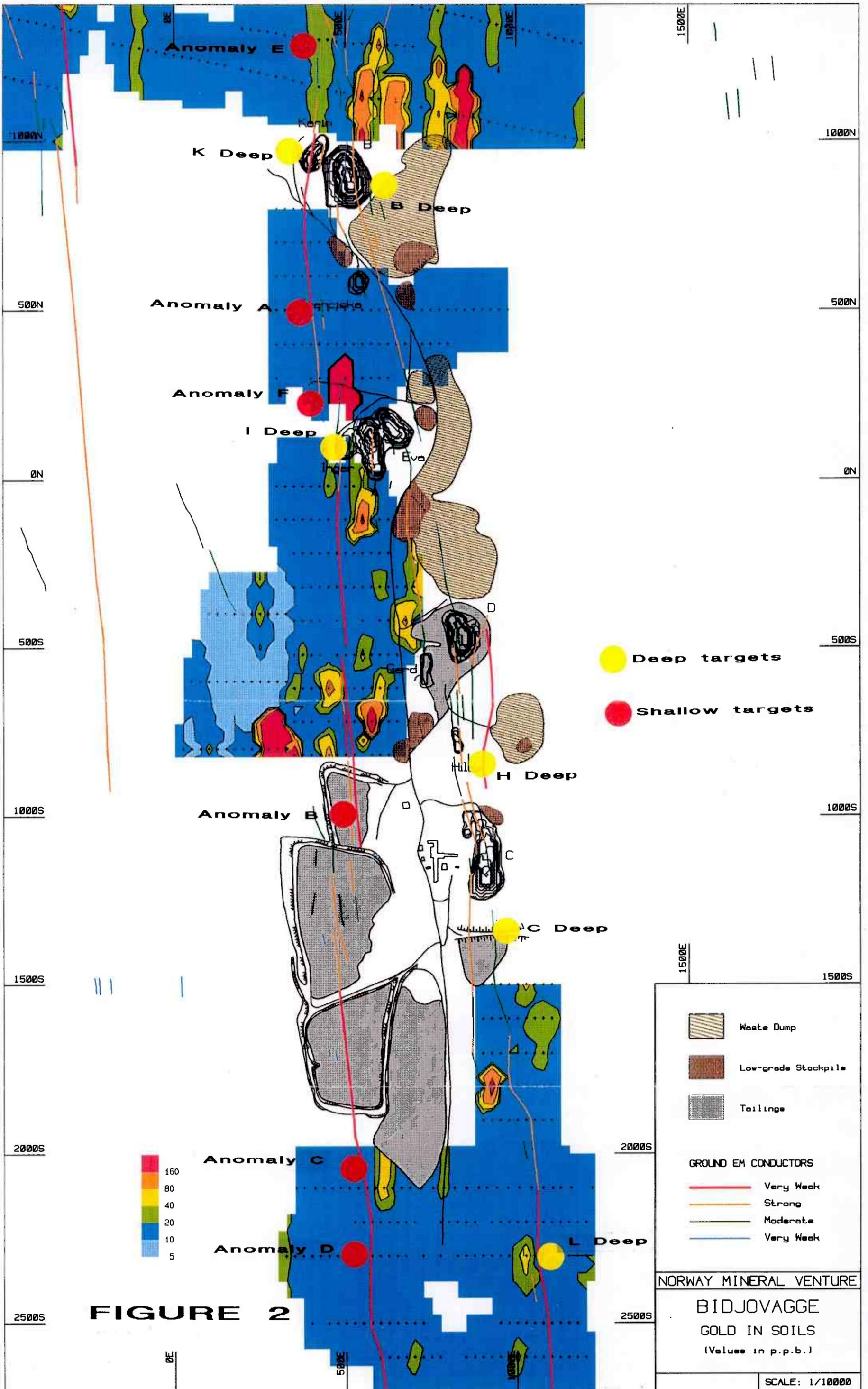
Waste Dump
 Low-grade Stockpile
 Tailings

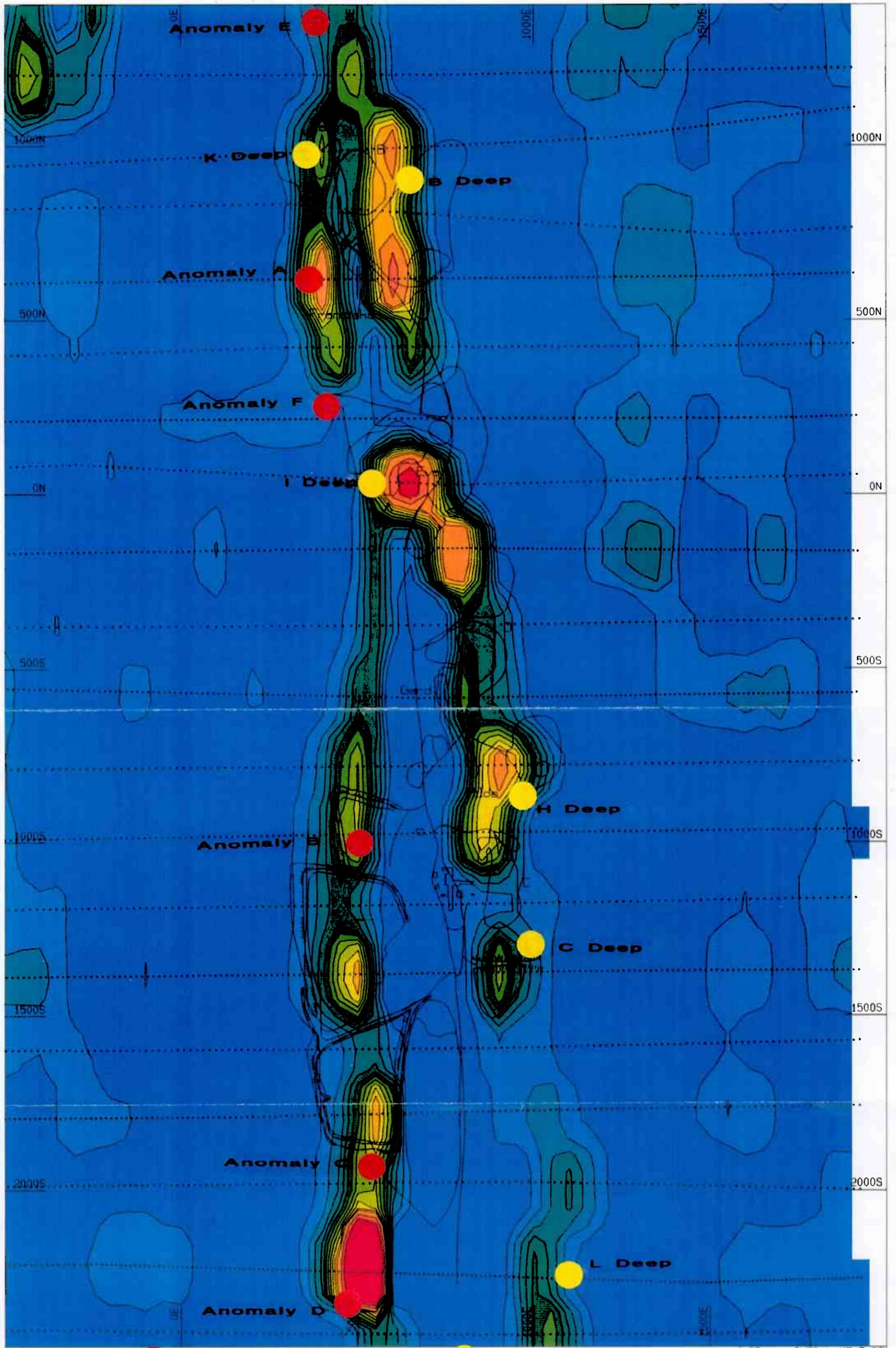
GROUND EM CONDUCTORS
 — Very Weak
 — Strong
 — Moderate
 — Very Weak

NORWAY MINERAL VENTURE
 BIDJOVAGGE
 COPPER IN SOILS
 (Values in p.p.m.)

SCALE: 1/10000

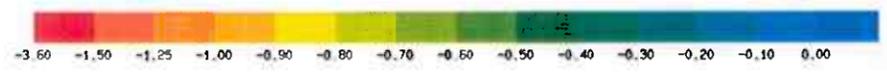






● Shallow targets

● Deep targets



..... Flight Line

FIGURE 3

NORWAY MINERAL VENTURE
 BIDJOVAGGE
 EM (IN-PHASE)
 Survey Flown in 1980
 DATE: 96/12/23 SCALE: 1/10000

