

MINERAL EXPLORATION INCENTIVE SCHEME

APPLICATION
for assistance

1. Applicant Exploration Ventures Limited
Address 49 Moorgate, London EC2R 6BQ
Telephone No. 01-606-1020
Contact Mr. R.B. Riley or Mr. M.J. Lynch

2. Project title Auchterless

3. Applicants' organisation & financial structure
Please see this Company's letter dated 6th August, 1971.

4. Outline of proposed project, including geological considerations (see plan attached)
This is an area of Dalradian metasediments with a distinctive and high aeromagnetic pattern. In places the sediments are magnetite rich. The main minerals sought are Cu and Ni.

FINANCIAL ASSISTANCE FOR MINERAL EXPLORATION (M.E.I.G.A.)

COMPANY: EXPLORATION VENTURES LTD

REF: AE 9

MRD 84/5/26

PROJECT: AUCHTERLESS

MRD 144/5/26

The following Open File material is held by B.G.S. in London, Keyworth and Edinburgh. Available for public inspection from 16.10.80.

- Extract from draft application 6.8.71 "Outline of proposed programme with geological considerations" with enclosed plan 1" : 4 miles
- * Stream sediment results for Cu, Ni, Pb, Zn (+ negative) 1 : 63,360. 31.12.74 (submitted with CGF letter dated 3.1.75)
- Technical report for 1 January to 31 December 1972
- Technical report for 1 January to 31 December 1973

* Not at Keyworth

AUCHTERLESS DISTRICT - AE9

Technical Report for the Period 1st January - 31st December 1973

During the period a geochemical survey was conducted within the district as part of a wider regional assessment. Work on the Soils Research Project was finalized.

1. Geochemistry

1.1 Multi-Element Analyses

As part of a regional survey, stream sediment samples were selected on the basis of approximately one per square kilometre and analysed spectrographically for fifteen elements: Bi, Co, Cu, Cr, Pb, Mo, Ni, Ag, Sn, W, V, Zn, Zr, Ti, Mn. In addition each sample was analysed for arsenic by atomic absorption methods. The object of the exercise was to check for concentrations of unusual elements, or to establish the presence of possibly significant pathfinders. None of obvious economic significance were indicated. The relevant plans and raw data sheets for this district were enclosed with the submissions for

2. Soils Research Project

Statistical studies were carried out on material previously collected. Data were collated and then written up. These results can be found in the final report submitted October 1973, which applies to most E.V.L. areas and time periods, including Auchterless 1973.

AUCHTERLESS DISTRICT-AE9Technical Report for the Period 1st January - 31st December, 1972

No field work was undertaken in this district during the above period. An office study was made of data previously collected, and information relating to the Soil Research Project were also assessed.

1. Geology, Geochemistry and Geophysics

No field work was carried out during 1972. However, results obtained during previous geological, geochemical and geophysical surveys were studied in the office prior to the formulation of an exploration programme for 1973. In general terms, the Auchterless District appears devoid of basic or ultrabasic rocks and has little potential for nickel/copper sulphide mineralisation. Exploration for other metals, notably lead and zinc, has also met with little encouragement. The item of. shown against assay expenditure below, relates to samples collected in a previous period, but billed in 1972.

Soils Research Project

The data relating to this project were assessed and correlated prior to the final write-up. The results may be found in the final report submitted in October, 1973, which applies to most E V L areas and time periods, including Auchterless in 1972.

MKD 8/5/26 29

Consolidated Gold Fields Limited

49 MOORGATE LONDON EC2R 6BQ

TELEPHONE 01-606 1020

TELEX No 863071

TELEGRAMS GIOVANO LONDON TELEX

CABLES GIOVANO LONDON EC2

GFW/RMS

3rd January 1975

Mr. G.R. Chapman,
Mineral Resources Division,
Institute of Geological Sciences,
Exhibition Road,
London, S.W.7 2DE

Dear Mr. Chapman,

Financial Assistance for Mineral Exploration
Exploration Ventures Limited

I refer to your letter dated 29th November 1974, and will attempt to clarify the various points you raise in the order listed:

1. Assay Costs (1973)

We apply a set charge per sample (including controls), which is inclusive of preparation, postage, assay charges and incidentals such as kraft sample bags.

2. Marnoch (AE 109), 1972

The omission of the relevant data is regretted. Please find enclosed a print of the reconnaissance geochemical results (Fig.1) on which the office studies were based. The field work was undertaken prior to the inception of the Mineral Exploration Incentive Scheme.

3. Bogenclough (AE 102), Ruthven (AE 110) and W. Inch (AE 127) all 1973

Unfortunately, more detailed logs are not available for the SH series of shallow boreholes. However, a geologist from the I.G.S. is quite welcome to inspect the cores further at Little Daugh if you feel that this could be helpful.

4. Ruthven (AE 110) 1973

The claim for drilling is for a total of 23 holes (RD6 - 28 inclusive) as you correctly state.

The results for the metal: sulphur ratio work inclusive of copper are enclosed.
(Table 16A)

5. See under heading 4.

6. Brodiesord (AE 72), Huntly (AE 107) 1973

The drilling costs for Brodiesord include all diamond charges and incidentals, such as casing, moving, core boxes and compensation. As regards the assay charges for Huntly; the cost of multi-element analyses (1973) have been incorporated in the grand total quoted for 1972.

7. South Deeside (AE 20) 1973

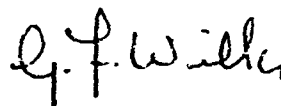
Please find attached the appropriate copper results. (Table 16A)

8. Auchterless (AE 9) 1972

Enclosed are the geochemical stream values (Fig. 2) relating to work carried out prior to 1972 and which were later the subject of a final office review.

I trust that this information will help to explain all the points listed. If I can be of further assistance, please do not hesitate to contact me again.

Yours sincerely,



G.F. Wilks
Senior Geologist

MRD 144/5/26

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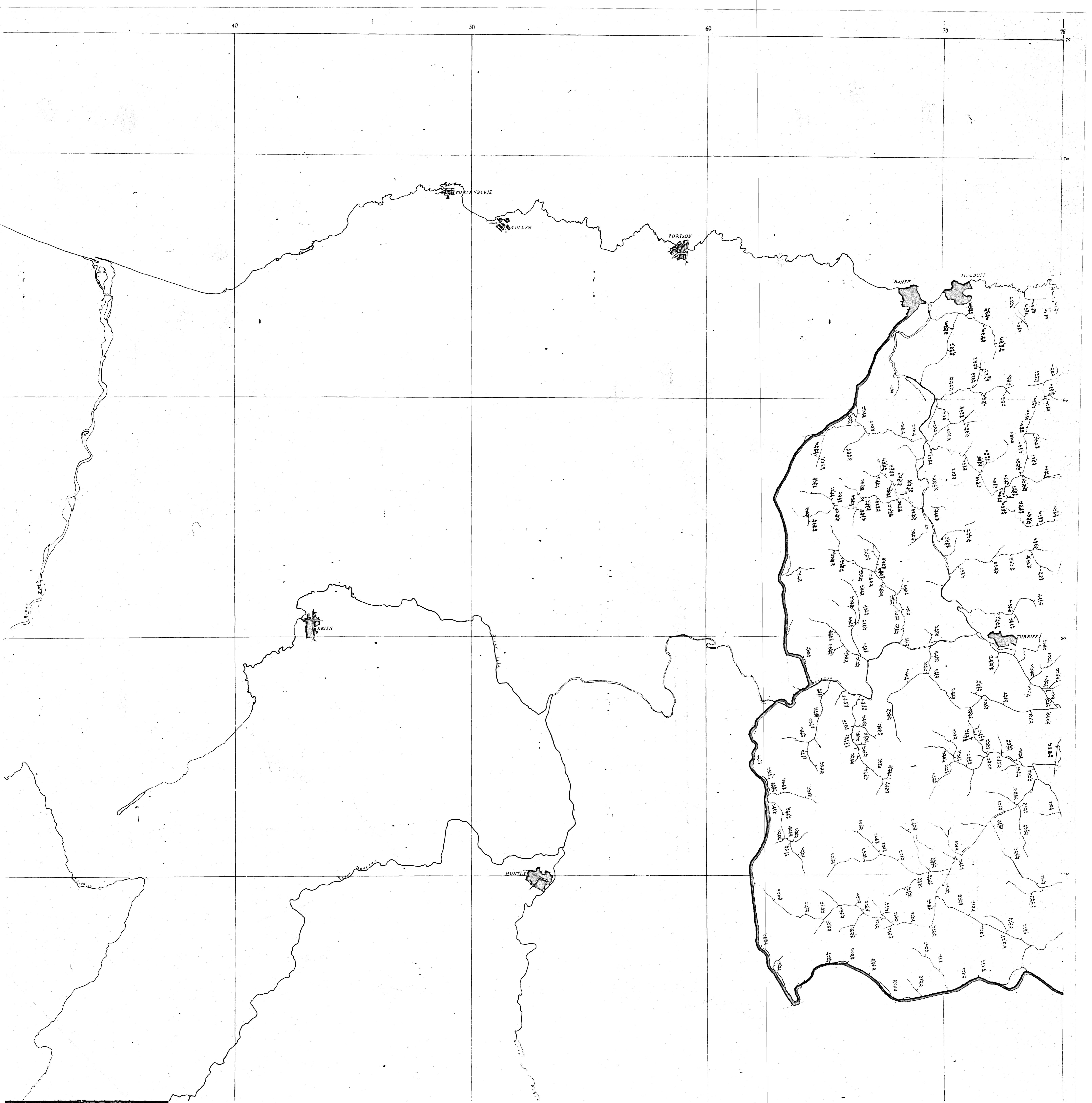
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... This is an area of Dalradian metasediments with a distinctive and high aeromagnetic pattern. In places the sediments are magnetite rich. The main minerals sought are Cu and Ni.

5. Work programme and costs of project
Ground magnetic traverses will better define the aeromagnetic trends and geological work is needed to assess the cause of this anomalous region.

Signed on behalf of
Exploration Ventures Limited

Assistant Secretary.

6th August, 1971.


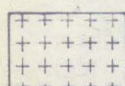


EXPLORATION VENTURES LIMITED		Drp. No.
Area AUCHERLESS		
Title STREAM SEDIMENT SAMPLE RESULTS FOR COPPER, NICKEL, LEAD & ZINC IN P.P.M.		
OS Map No. 30 (PART 4)		
Scale 1:63360	Date 30 DEC 74	
Prepared by SM	Drawn by SM	


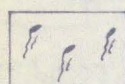
VALUES SHOWN
 THUS -
 Cu
 Pb
 Zn
 Ni
 (2) - REANALYSIS



YOUNGER IGNEOUS COMPLEX

-  GRANITE
-  NORITE AND HYPERSTHENE GABBRO, OLIVINE GABBRO, TROCTOLITE, CUMULATIVES

OLDER IGNEOUS COMPLEX

-  GABBRO, EPIDIORITE, AMPHIBOLITE, HORN BLENDE SCHIST
-  SERPENTINITE, PYROXENITE

EXPLORATION VENTURES LTD.

TITLE
 PLAN TO ACCOMPANY APPLICATION DATED 6th AUG. 1971.
 UNDER THE MINERAL EXPLORATION INCENTIVE SCHEME
 IN RESPECT OF

AUCHTERLESS PROJECT

SCALE 4 MILES TO 1 INCH	PREPARED CG F/RTZ	DATE 6.8.71	FIG No.
O.S. SHEET No. 5	DRAWN c.e.w.	REVISED	