

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

COMPANY: EXPLORATION VENTURES LTD

REF: AE 31

MRD 84/5/23

PROJECT: LONGSIDE - PETER HEAD

MRD 144/5/23

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 accompanying plan 1" : 4 miles.
- Geological Report 9.8.71 to 31.12.71 with 2 enclosures.
 - * 1. Location map.
 - 2. Geological field sheets with text. Sheets NK 14 SW and NK 14 NW, each with east and west halves.

* Not in Keyworth

MINERAL EXPLORATION INCENTIVE SCHEME

A/E 31

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 Longside-Peterhead

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)
Stream and soil reconnaissance shows this as an area of granite and metamorphics with a prominent magnetic lineament in the central section with minor magnetic anomalies possibly arising from hidden basic bodies.
The minerals sought in this area are Ni, Cu sulphides and any associated minerals.

5. Work programme and costs of project
A continuation of the reconnaissance programme with geophysical induced polarisation and magnetic coverage of selected magnetic targets with an extensive geological mapping programme.

Application for contributions under the Mineral
Exploration and Investment Grants Act 1972.

Geological Report: Longside-Peterhead AE31

During the period 9th August - 31st December 1971, reconnaissance geological mapping was undertaken in the eastern part of this area to check the geology and determine whether any mineralised float patterns existed.

Enclosure: Geological field sheet. (NK14SW, E & W halves + text)
(NK14NW, " " " " " ")

GEOLOGICAL NOTES ON O.S. SHEET NK 14 SW

PETERHEAD DISTRICT, ABERDEENSHIRE

Very generous distribution of float in most of the map. Less float in extreme NW and SW, and near the coast in NE. Hardly any sulphides to be found - only minute traces picked up in the occasional rock.

Abundance of granite in this area. Mainly coarse grained pink to red variety which was common everywhere especially in Stirling Hill quarries and along the coastal section from Boddam south. This very angular granite was also common in the north of the map around Meet Hill (122446). Grey granite - angular and medium grained - was found as well in this area. On Buchan Ness at Boddam the granite was found to be medium and fine grained and a deeper red. Porphyry was also found on this peninsula in a few bands to the SE of the fine and medium granites. Between these rocks, a glassy rock (which could be rhyolite) was found. The porphyry and rhyolite alternated a few times. A band of pink felsite with nodules of free quartz was also found at Boddam - this band lay between the contact of the granite and rhyolite. A more quartz rich porphyry was found in a broad band that cut the coarser pink toned granite in Convicts Quarry (123415). In Sanford Hill quarry (116417) on the north wall is a coarse grained pink granite, while the south wall has a medium-fine grained red granite.

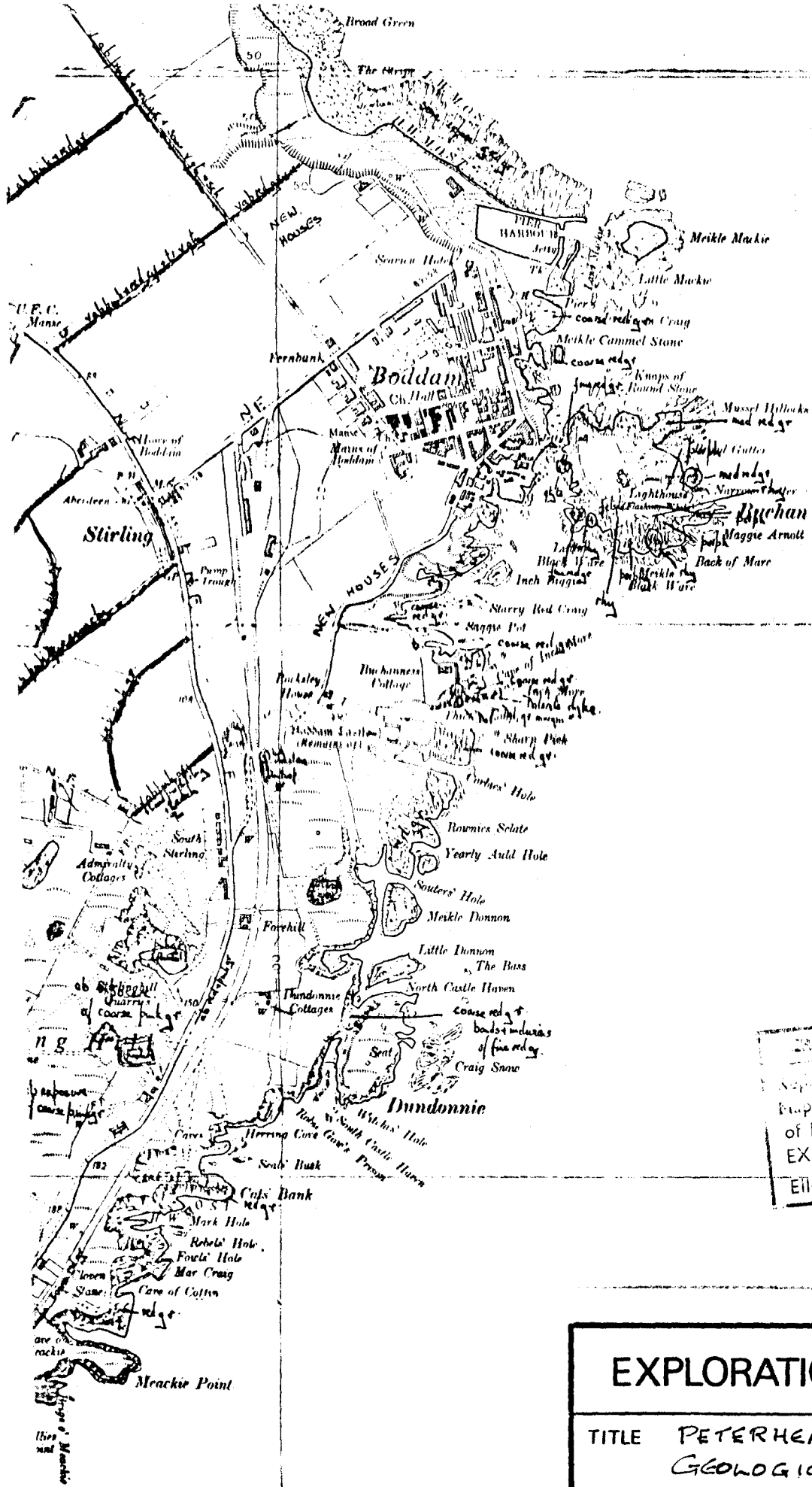
Hardly any vein quartz was located - only occasional blocks in walls.

Very few metamorphic rocks in this vicinity. Some schists and gneisses, distributed randomly. Outcrop of quartzite below bridge across to Buchan Ness. Other examples of rounded quartzite were fairly common throughout the area.

From centre to west of map, gravel was relatively common. This comprised rounded pebbles of quartzite and flint. The flint had nodules of calcareous material in it.

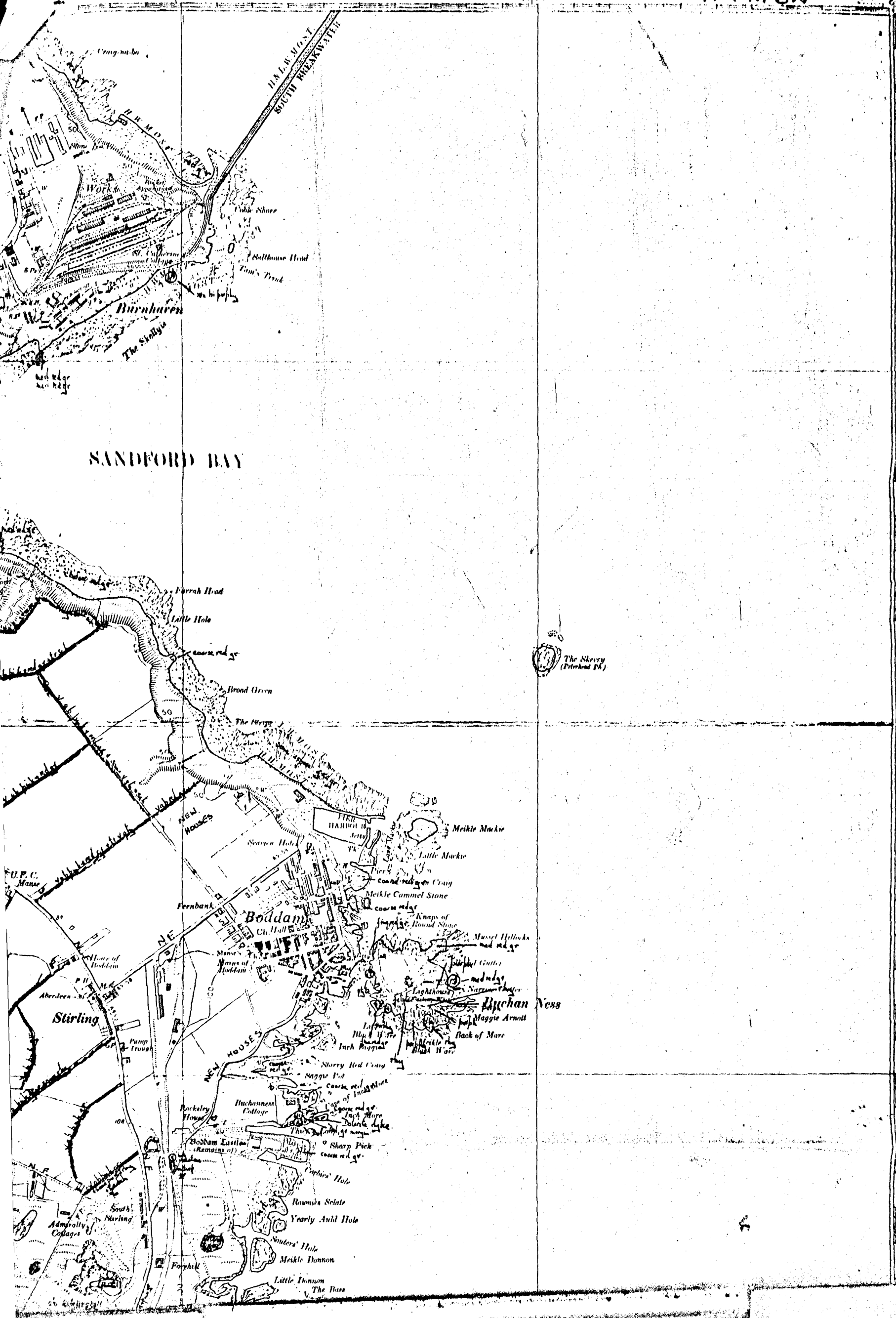
Hardly any basics were found in this area. Dolerite dyke was located on the coast beside Boddam Castle (134415). Abundant blocks of the dolerite were found to the SW above Mill Dam.

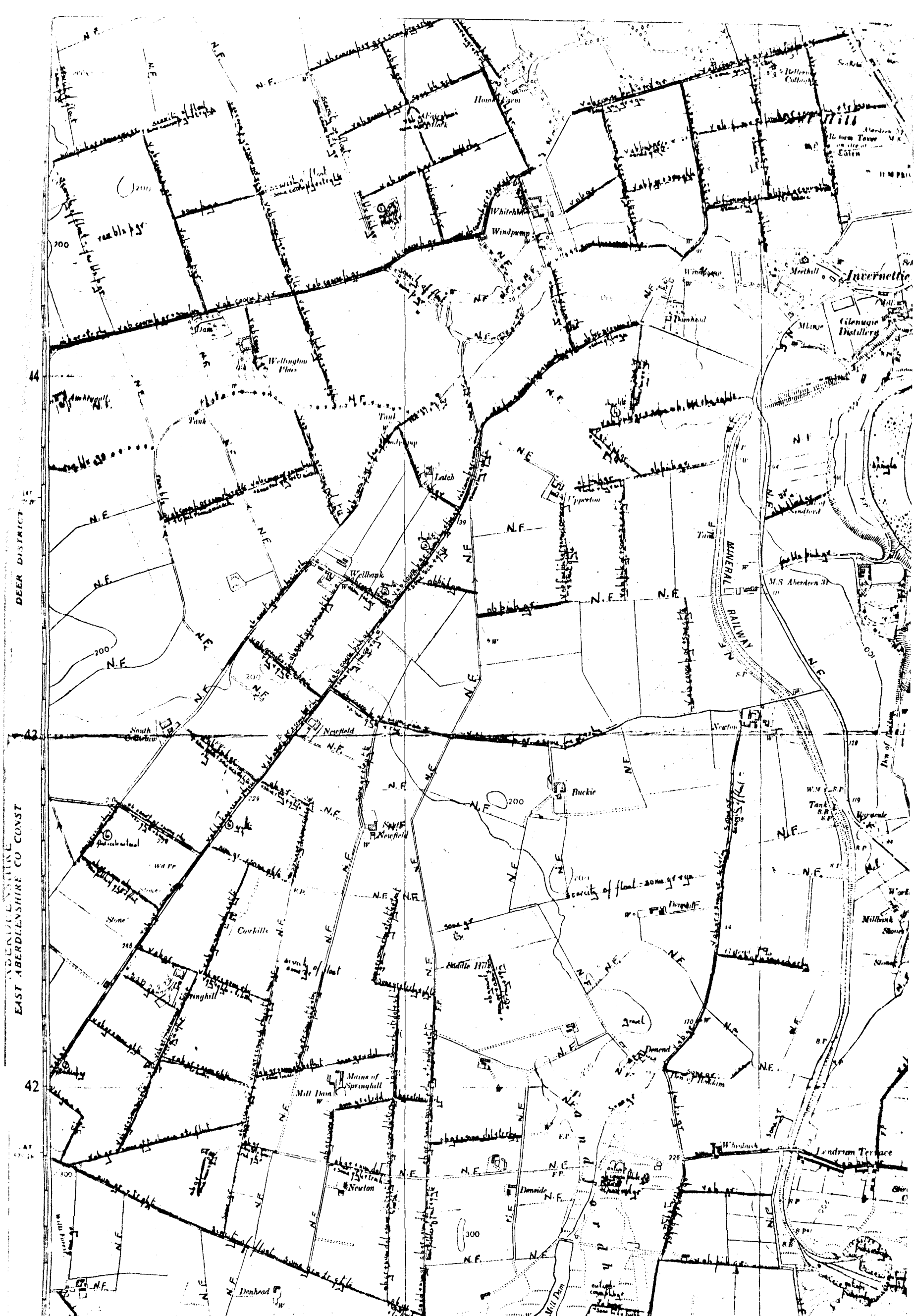
No ultrabasics were found on this sheet.



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EXPLORATION VENTURES LTD.			
TITLE PETERHEAD DISTRICT, ABERDEENSHIRE GEOLOGICAL FIELD SHEET.			
Scale 6" : 1 mile.	Prepared L.D.	Drawn L. DUNCAN.	FIG.No.
OS Sheet No. EAST HALF. NK 14 SW.	Revised	Date SEPT. 1971.	





DEER DISTRICT

EAST ABERDEENSHIRE CO CONST

Laverthie

Glengage Distillery

Millbank

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

Work

Millbank Stone

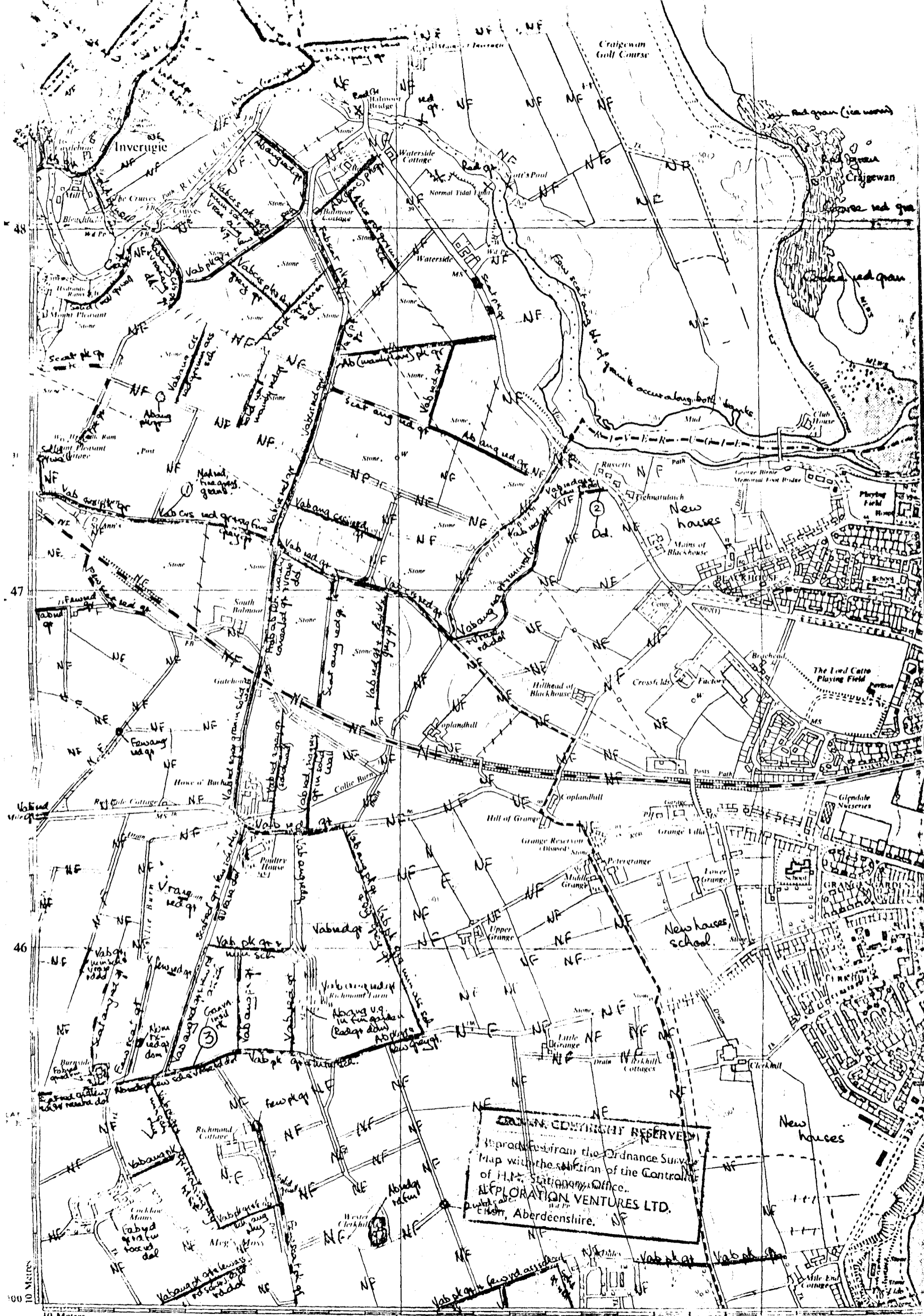
Work

Millbank Stone

Work

Millbank Stone

Work



48

31

47

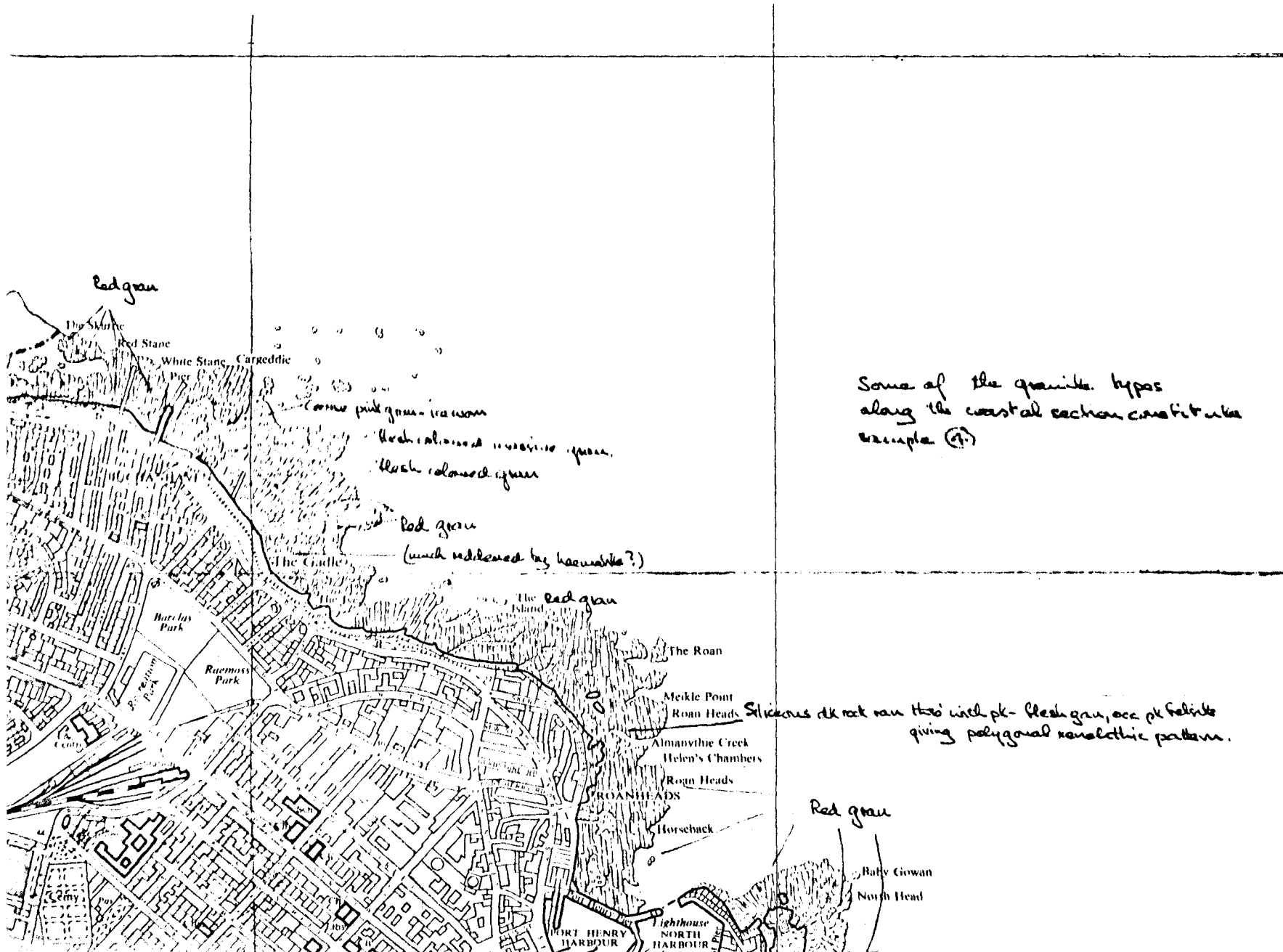
46

60

10 Metres

LONG

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 11, Market Street,
 Aberdeen, Aberdeenshire.



Red gran

The Swan
Red Stone
White Stone, Cargeddie

o o o o o

Some pink granite - iron ore
fresh coloured massive granite
fresh coloured granite

Red gran
(much redlined by haemate?)

The Gable
The Red gran Island

Barras Park
Raemoss Park

The Roan

Meikle Point
Roan Heads

Slices of dk rock can also be with pk-flesh gran, occ pk felids giving polygonal xenolithic patterns.

Almanythe Creek
Helen's Chambers
Roan Heads

ROANHEADS

Horsebuck

Red gran

Baby Gowan
North Head

Lighthouse
NORTH HARBOUR
PORT HENRY HARBOUR

GEOLOGICAL NOTES ON O.S. SHEET NK 14 NW

PETERHEAD DISTRICT, ABERDEENSHIRE

The sheet covers part of the Peterhead granitic intrusion. Float is fairly scarce over large parts of the area due to abundant quantities of sandy overburden.

However, good exposure of the various types of granite is afforded by the coastal section and along the lower R. Ugie. The most common type, in both float and outcrop, is a fairly coarse grained red variety, with pinker types grading into a coarse flesh coloured granite at 130473. The only really distinctive type is a fine grey variety, supposedly outcropping on the coast, which occurs in float in a broad belt stretching WNW from the coast. A grey felsite dyke also outcrops in this vicinity.

The only basic float found was a few blocks of dolerite, in no significant concentration, occurring in most of the larger dykes and walls.

Similarly scattered and drifted blocks of assorted schists and gneisses were also recorded throughout the area, as was possible rhyolite.

No mineralisation was found in any of the rocks or outcrops.