

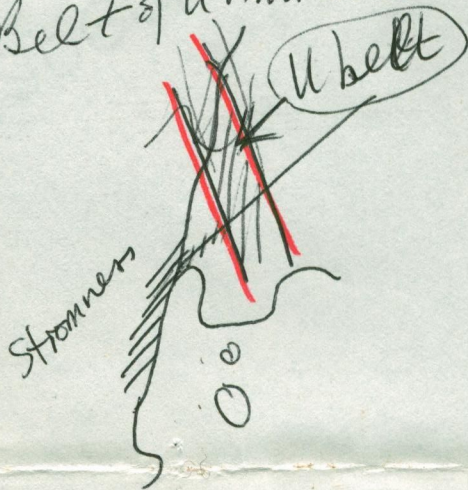
SHETLAND Is., Scotland

ORKNEY Is.

ITV news

16/3/79

U discov'd at Stromness
Oakenys by Ebbt board
- Economic possibls. A
Belt of U mineralisation



Mostly in HY2609, 2610

BBC TV News 20/3/79

~ 5000 tons mineable U
in belt Stromness harbor

WNW ~ 5 mi to Yesnaby

[HY2622 25/1 21-22 15-16]

Being considered by Com Market

1" 6.

No	Mineral(s)	Locality	Description	Donor
2251	Magnetite/ Garnet	Lang Craigs, Dunbarton NS 433 748	This has gemmy transparent dodecahedral orange pyralspite garnet crystals on a magnetite-bearing matrix.	Kemp Meikle
2252	Actinolite/ Biotite	S.W.Shore. Lunda Wick. Burragarth. Unst HP566 044	Deep green transparent prismatic crystals intergrown with black biotite	R.E.Starkey
2253	Kyanite in Quartz	N.E.Slope of Ward of Scousburg. S.Mainland Shetland HU397 193	Pale blue elongate crystals in quartz	R.E.Starkey
2254	Stauralite	Greff, nr Libbers Hill. Unst HP58/14 area	Clove brown prismatic crystal sections in high grade schist	R.E.Starkey
2255	Kammererite	Nikka Vord. Unst HP 625 103	Waxy purple crystal flakes	R.E.Starkey
2256	Magnetite	Fethaland Penin. N.Mainland Shetland HU 37/94area	Sharp black metallic octahedra in chlorite	R.E.Starkey
2257	Chromite	Hagdale Quarry, Baltasound Unst HP 640 103	Black metallic grains and crystals in pale green serpentine	R.E.Starkey
2258	Kyanite	Housi Field. Saxa Vord, Unst HP 633 138	Elongate colourless crystals in schist	R.E.Starkey

2261 Natrolite S of Cullings
Skye Glass transp prismatic G Herwood
xls

SULLOM QUARRIES, Northmaven, Shetlands.

GMus, Donations (1967): H. Crawford: Hornblende
cemented by epidote; actinolite

1" /
CLIFF,

HP 60 11
Unst, Shetland

Pritchard et al (1986) 87M/2295.

By β -autoradiography shows Pt group minerals in the ophiolite complex with Chromitite in all levels of the ultramafic complex, but concentrated in 2 lenses of chromitite within dunite lenses in harzburgite.

At Cliff most abundant are sperrylite, stibiopalladinite, hollingworthite, irarsite and laurite with nat. copper and gold, Cu sulphides, Ni sulphides & arsenides.
At Harold's grave by contrast, predominantly, Ru, Ir & Os. $\rightarrow$ 630 111

Hadda, Shet

Tourmaline 73-4

Magnetite 41, 42

blue-black

Unst North Quin Geo, xls w talc, magnesite, dol, bruc (enem)
in a vein of serpentine [= N Cross Geo, Haroldswick?]

Swinna Ness: striated in vein of pale green serp

Wood Wick: massive w kyan & staurol

Haaf Guiney granitic massive on SE shore in vein of yell serp

Fethlar: Oddstar the NW point, in massive chlorite
with on S shore minute xls in yell
precious serpentine

Mainland Pundy Geo, on S shore of Fethaland,
large fine xls in mass. chlorite

~~Shan~~ cannel, Hallswork; Vanlup oppo the Drong;

Sandy Geo nr Gordr Stack, fine grps ripidolite
xls radiating from each mag. xl.

Pyroaurite 48

NE extremity of Haaf Guiney (Unst)
w Chrome bruc in yell serp, scaly subfibrous
tortuous plates [?] Earthy/saponitic in fissures
in Hagdale Chrom

Q's of Nikka Vord - golden yellow small xls in
veins in Chrom & Serp

Brucite 48 Unst, North Cross Geo, Haroldswick, w green talc,
magnesite, magnetite at serp/gneiss junct. Also "nemaline"
Swinna Ness in veins, chiefly in plates some
inches each way [!] rarely in traces of xls, with
h'magnes in serp. Also botry, w. Ca. P.T.O.

Bancite cont Haaf Gruey, NE extremity
w chromite & pyram
#

Kyan 98

Unstr E of Dale Burn, grey, in qtz

Nor Wick, blue-grey in qtz

Wood Wick - hill NE of bay w staurol

Mainland Cuningsburgh - blue in mica schist
file-red in qtz

Vannip - white & red radiating xls
glaucous - rarely

Nr Levenworth on E of ward of Skousburgh

& at SE end white & grey and w ilmenite
Colla Firth

Tale 137

Unstr

Taing of Norwick serp/schist junct, class → green
foliated, w anker

Chemistry Dept., U.M.I.S.T., Manchester M60 10P

North Cross Geo, Haroldswick. Magnificent appl-

green foliated with magnetite etc
by M. Whittle and J. H. R. Clarke.

also 1/2 mile to NW white, in a vein

Shear Viscosity In Diatomic Fluids.

Fetlar

Houbie, foliated, in serp.

Hith, grass-green, foliated.

Mainld

Hillswick, Widdister, pearly-white matrix of
actinolite xls

Betw Colla Firth & Quey Firth voe, yellow white

Taing of Hillswick

Vannip in qtz, sap-green, plumose

Staurol 106-7 Mainland Bixter Voe, "xls as large as from Brittany"
in mica schist

Unstr W slopes of the Haflmars, 1/2 mile to E of Woodwick, w kyan &
garnet in a micaceous clay slate also rarely tourmaline

Shet

Mag

Saxford

Fetholand

G&L

Magnetite

many loc esp Unst → 1" octa !!

In choute at Carribie in small octas
e at Odsta NW Fetlar.

Saxford Hill - large qty

Kleber G10, penins of Fiedland.

Talc 203

~~Houk~~ie, Norwick Bay
e Swinness, in Unst.

~~Talc~~

~~Quartz~~

Crofter Col's Talc

~~Fetholand~~ e Cunningsburgh
on Mainland

Kesta Ness on Fetlar

Quayhouse on Unst

belt of talc along W margin of
Unst serpentine.

Town

Fetlar:

W shore of
Tresta Voe, large xls in qtz
large black xls in felspar
in mica schist
red felspar in mica schist

p. Gloss Sch (1981): Shel.

15. Barbertonite (?) repl chrom in serp.

Hoo Field Cunningsburgh.

16 [Brochant]

[~~Sandstone~~ ^{Hedley} NOT = broch]

Brugnatell

on bracte rem in Serp. Swinna Ness. (heavily white to
pale brown
scaly effloresc)

17 Clinoclase "Fitfall Head, Zetland" prob = Quendale Bay, S. Mainland.
w cornw. & cornub. on qtz

19 Digonite Copper geo, Fair Isle, Shel

23 godlevskite $(\text{Ni, Fe})_7\text{S}_6$ "Unst".

24 Heazlewood in chr. Haydale Q

Honessite + Reevesite ———

$\text{Ni}(\text{OH})_2$ ———

29 Nontrovite fibr green Noss Hill, S. Mainland.

32 Riebeckite E end of Beorgs of Uyea, N. Roe, Shel.

34 Sepiolite Swinna Ness

Stichtite? rose patches < 5mm ~~size~~ & fibr. nr Hoo Field, Cunningsburgh

35 Tennantite grams w pyr, cupy, cov, born, sphal, gal, in S-
nodules < 20 mm in Devon Fish Bed Malla Taing, Walls &
Sandness W. Mainland

Thaumas w xond pect gyrol in veins in serp from a qly
on N side of Colla Firth N Mainland

Theophrastite

36 Uvarov? Haydale Q ? = Cr-grossular. [cf M/c Mus]

37 Zaratite Haydale Q. OK.