



## TOP SECRET BRIEF


### Find the VIKINGS Secret Lair

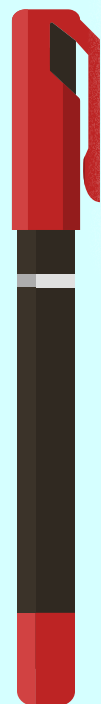
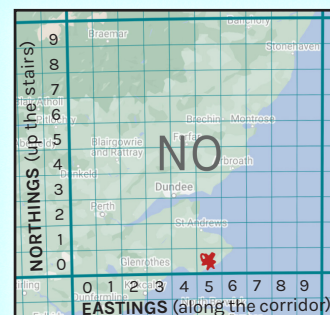
The VIKINGS are trying to build a new secret mega lair. Discover the location to foil their plans! We don't have enough DATA agents to check out all the possible locations. Use information to narrow down the possibilities so that we can send out agents to the most likely targets.

## TASK 1: GOING UNDERGROUND

One of our DATA agents has intercepted a list of underground bunker locations compiled by the VIKINGS. We believe they will be taking over and expanding one of these secure underground locations to use as their new mega-base.\*

Use the grid references in the table below to locate these bunkers on the map. Use a **RED** pen to mark all the bunkers on the map.

 BUNKER NAME	GRID REF.
Scotland's Secret Bunker	NO50 *
Tertowie House	NJ81
Wick Rotor Radar Station	ND35
Tayside Emergency Centre	NO23
ROC 28 Group/Sector control	NO43
Pitreavie Castle	NT18
Kirknewton Regional War Room	NT16
Machrihanish ROC post	NR62
Murdoch's Cave	NS52
Remote Radar Head Saxa Vord	HP60
Spean Bridge ROC post	NN28
Fearn Airfield Operations Block	NH87
East Fortune Airfield Battle HQ	NT57
Penicuik ROC Post	NT25
Montfode Oil Storage Tanks	NS24
Torrance House AAOR	NS65
Lerwick ROC post	HU44
Hush-hush	NX05



\* Example: Scotland's Secret Bunker (NO50)

\* Use the Agent Briefing Grid Reference Guide to find out how the grid references work.



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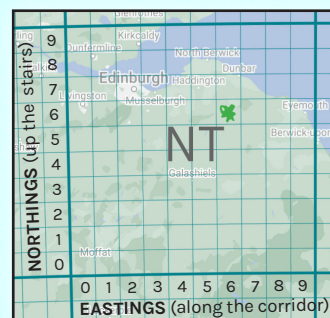
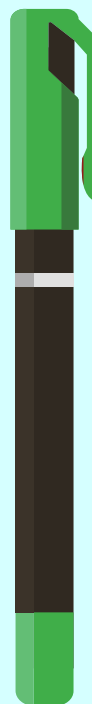
Find the VIKINGS Secret Lair

# TASK 2: WHERE'S THE WIND?

The **VIKINGS** avoid using fossil fuels, so we expect that they will power their secret lair by stealing power from wind turbines. For this to be possible, the wind farm needs to be within one adjacent grid reference square of the secret lair.\*

Use this list of Scottish wind farms to narrow down the list of potential lairs.  
Use a **GREEN** pen to mark all the bunkers on the map.

 WIND FARM	GRID REF.
Crystal Rig	NT66*
Millennium (Glenmoriston)	NH20
Drumderg	NO15
Hill of Fiddes	NJ92
Ardrossan	NS24
Pates Hill	NS95
Michelin Tyre Factory	NO43
Bowbeat	NT24
Bilbster (Watten)	ND25
Myres Hill	NS54
Bu Farm	HY62
Tangy	NR62
Burradale Phase 1	HU44
Hagshaw Hill	NS73
Dornoch Aerodrome	NH88
North Rhins	NX05



\* Example: Crystal Rig (NT66)

\* Use the **Agent Briefing Grid Reference Guide** to find out how the grid references work.



## TOP SECRET BRIEF

Find the VIKINGS Secret Lair


### TASK 3: DETECT THE DATA CENTRES

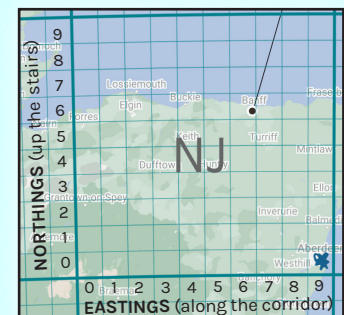
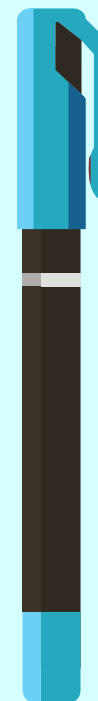
We have intelligence that the **VIKINGS** are planning to use their new lair as a base to target one of Scotland's Data Centres. They might be planning to steal super-secret personal data like credit card numbers, or they may just want to damage the servers and take them offline in order to create havoc for social media users across the world. Whatever their plans, we must stop them before it's too late!

We know from their past behaviour that the **VIKINGS** avoid using fossil fuels—they want to make sure the world isn't destroyed before they take it over! They prefer travelling by bicycle rather than car (it also keeps them fit!). Our undercover agent thinks they won't choose a lair that's more than one adjacent grid reference square from their target Data Centre.

Can you narrow down the potential lair locations by finding those that are within one adjacent grid square of a Data Centre?

Use a BLUE pen to mark all the data centres on the map.

 <b>DATA CENTRE</b>	<b>GRID REF.</b>
Brightsolid Aberdeen	NJ90 *
Brightsolid Dundee	NO33
Pulsant	NT17
Royal Bank of Scotland	NT47
Iomart DC1	NS56
Caithness	ND16
Carrs Corner Industrial Estate	NN17
Irvine	NS33
Machrihanish	NR62
Black Hill Industrial Estate	HU44



\* Example: Brightsolid Aberdeen (NJ90)

\* Use the **Agent Briefing Grid Reference Guide** to find out how the grid references work.



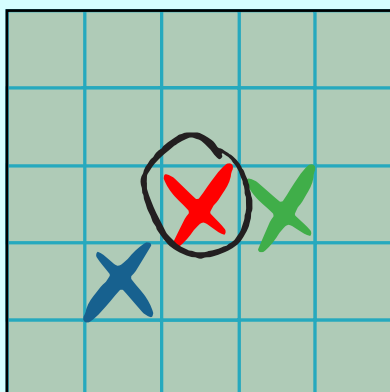
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### TASK 4: FIND THE POSSIBLE LAIRS

Now that you've mapped all the bunkers, wind farms and data centres, you can find all the bunkers that have a wind farm within one adjacent grid reference square AND a data centre within one adjacent grid reference square.

Find the bunkers that have a wind farm AND a data centre within one adjacent grid reference square. Circle them on the map:



**COLOUR KEY**

- = Bunker
- = Wind farm
- = Data centre


Adjacent squares are any that are touching the central square, including at the corners.

### TASK 5: HIJACKING THE INTERNET

We have just received intelligence that the VIKINGS have been trialling a new, super speedy, super secure system for directly communicating with their counterparts in other countries, by hijacking the pre-existing network of undersea fibre broadband cables.

We believe that the VIKINGS will strategically locate their secret lair near the point where a submarine cable from another country comes up onto the land. This will let them hack into networks more easily and communicate with the VIKINGS in other countries.

Can you identify the three most likely locations of the VIKINGS' new secret lair? Write the grid references of the three most likely locations on the map.