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## **WLGS 14 Society East Shore [NT 107 788]–[NT 102 789] (Figure 43), (Figure 46)**

[WLC site description](#)

[Part of the Strathclyde Group sites](#)

Other designations: HGDL (Hopetoun House); LWS (adjacent to Hopetoun Estate); adjacent to AWI woods

The shoreline from Society East Shore to Abercorn Point displays a reasonably well-exposed, gently-folded section through the Calder and Hopetoun Members of the West Lothian Oil-shale Formation. Sixteen individual localities within this formation were recorded along this shore section.

At Society East Shore 1 a sandstone dyke cuts across the Burdiehouse Limestone and the Camps Shale. Within the Dunnet Sandstone of the Hopetoun Member, sandstone can be seen overlying a thin oil-shale (Society East Shore 2 [NT 1058 7879], (Figure 43)), a limestone and sandstone with carbonate nodules (Society East Shore 3) [NT 10538 78805], (Figure 44)), and cross-bedded sandstone (Society East Shore 4 [NT 1052 7882], (Figure 45)).

(Figure 43) Society East Shore 2. Sandstone overlying oil-shale, Dunnet Sandstone, Hopetoun Member, West Lothian Oil Shale Formation [NT 1058 7879] (WLGS 14).

(Figure 44) Society East Shore 3. Sandstone with carbonate nodules overlying limestone. Dunnet Sandstone, Hopetoun Member, West Lothian Oil Shale Formation [NT 10538 78805] (WLGS 14).

(Figure 45) Society East Shore 4. Cross-bedded sandstone. Dunnet Sandstone, Hopetoun Member, West Lothian Oil Shale Formation [NT 1052 7882] (WLGS 14).

(Figure 46) Society East Shore 6. Dunnet Sandstone outcrops with Forth bridges beyond. Hopetoun Member, West Lothian Oil Shale Formation [NT 1048 7884] (WLGS 14).

## **WLGS 14 Society East Shore 8 [NT 1021 7886] (Figure 114), (Figure 115)**

[WLC site description](#)

[Also part of the volcanic vent rocks group of sites](#)

Other designations: AGLV; LWS (Hopetoun Estate); HLDG (adjacent to Hopetoun House); AWI (adjacent to East Shore Wood)

Pyroclastic breccia from a vent centred on East Lodge outcrops just below the High Water Mark around 200 m south-east of Society Point. The vent intrudes the Binny Sandstone of the West Lothian Oil-shale Formation.

(Figure 114) Outcrop of pyroclastic breccia in the Society Shore vent. Society Point can be seen in the distance to the right of the trees. Society East Shore 8 [NT 1021 7886] (WLGS 14).

(Figure 115) Close-up of pyroclastic breccia from the Society Shore vent. Society East Shore 8 [NT 10218 78863] (WLGS 14).



(Figure 43) Society East Shore 2. Sandstone overlying oil-shale, Dunnet Sandstone, Hopetoun Member, West Lothian Oil Shale Formation [NT 1058 7879] (WLGS 14).



(Figure 46) Society East Shore 6. Dunnet Sandstone outcrops with Forth bridges beyond. Hopetoun Member, West Lothian Oil Shale Formation [NT 1048 7884] (WLGS 14).



*(Figure 44) Society East Shore 3. Sandstone with carbonate nodules overlying limestone. Dunnet Sandstone, Hopetoun Member, West Lothian Oil Shale Formation [NT 10538 78805] (WLGS 14).*



*(Figure 45) Society East Shore 4. Cross-bedded sandstone. Dunnet Sandstone, Hopetoun Member, West Lothian Oil Shale Formation [NT 1052 7882] (WLGS 14).*



(Figure 114) Outcrop of pyroclastic breccia in the Society Shore vent. Society Point can be seen in the distance to the right of the trees. Society East Shore 8 [NT 1021 7886] (WLGS 13).



(Figure 115) Close-up of pyroclastic breccia from the Society Shore vent. Society East Shore 8 [NT 10218 78863] (WLGS 13).