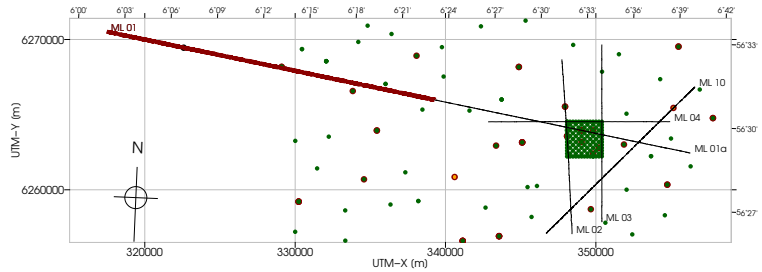
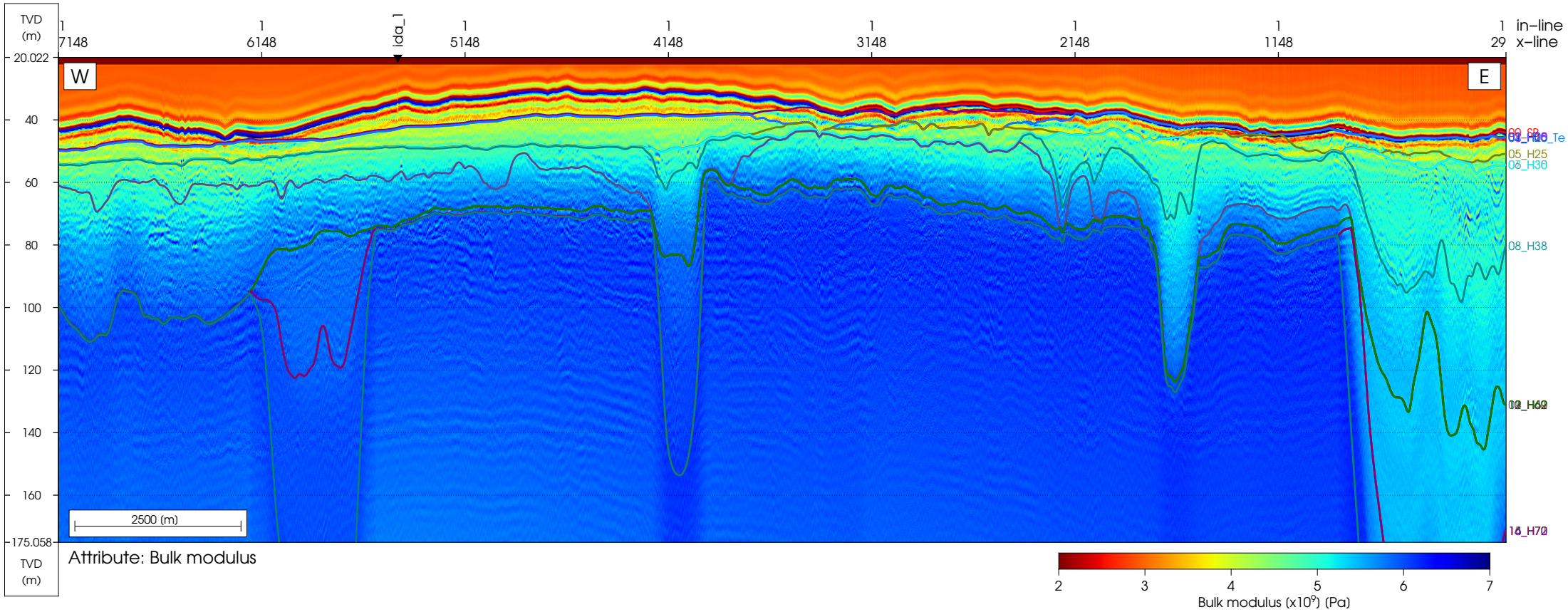
Appendix D

Absolute elastic properties from AVO inversion results from Sparker data

Line: **ML01 (Sparker)**
Property: **Bulk modulus**

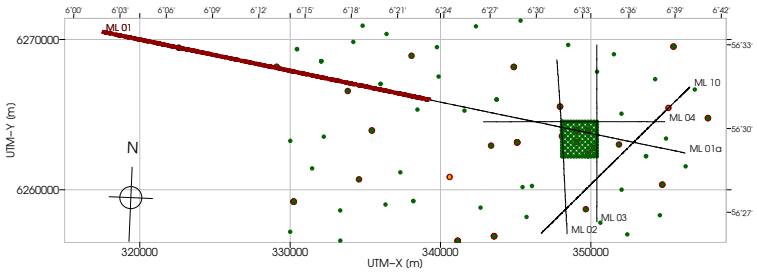
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

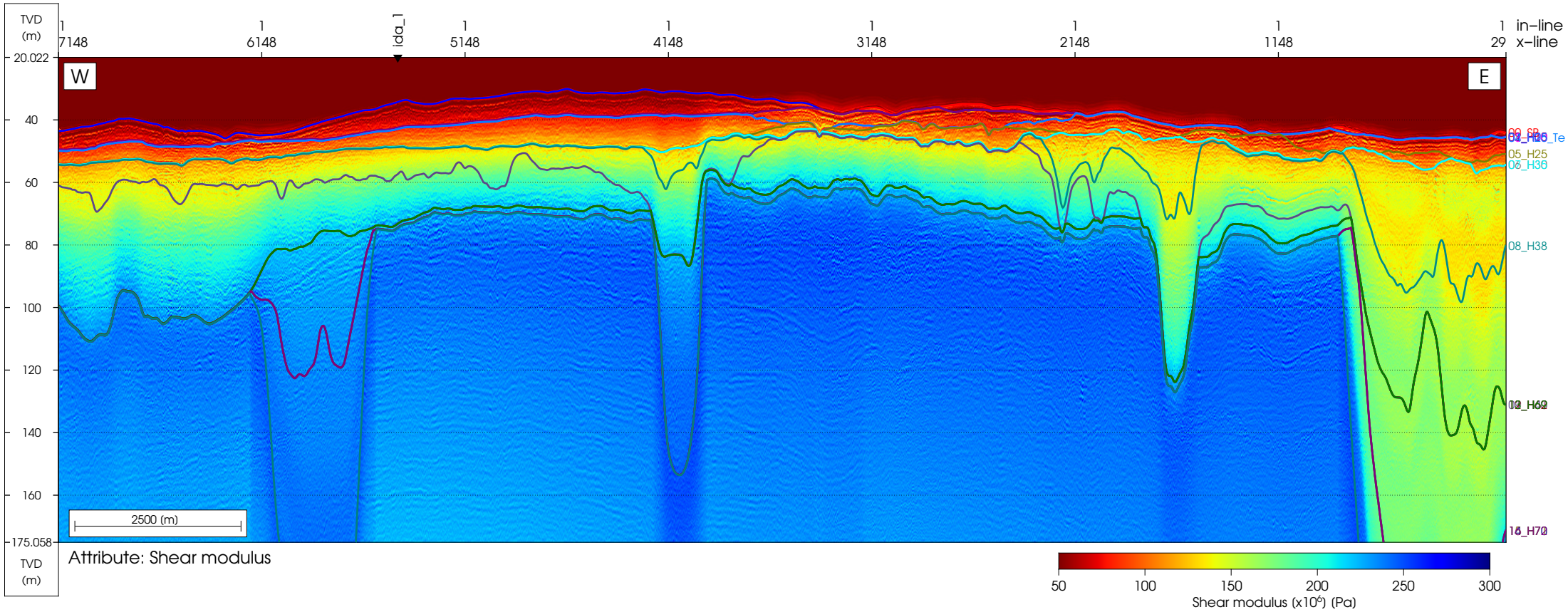




Line: **ML01 (Sparker)**
Property: **Shear modulus**

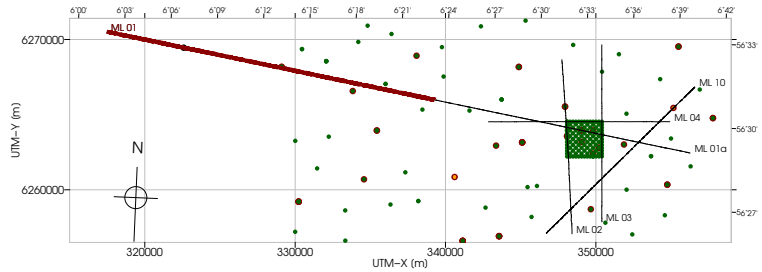
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

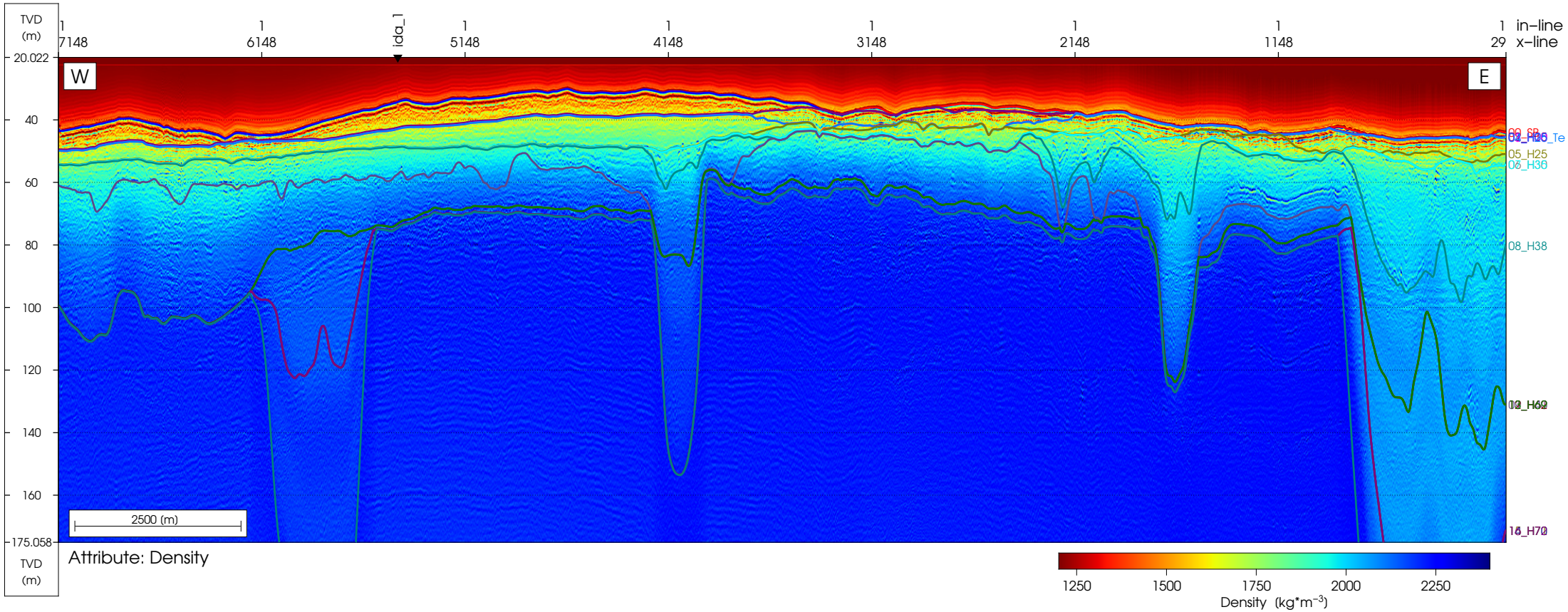




Line: **ML01 (Sparker)**
Property: **Density**

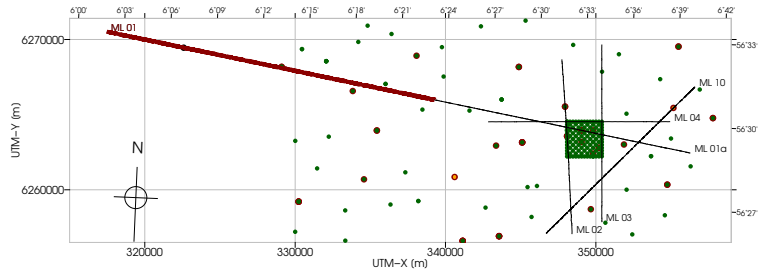
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

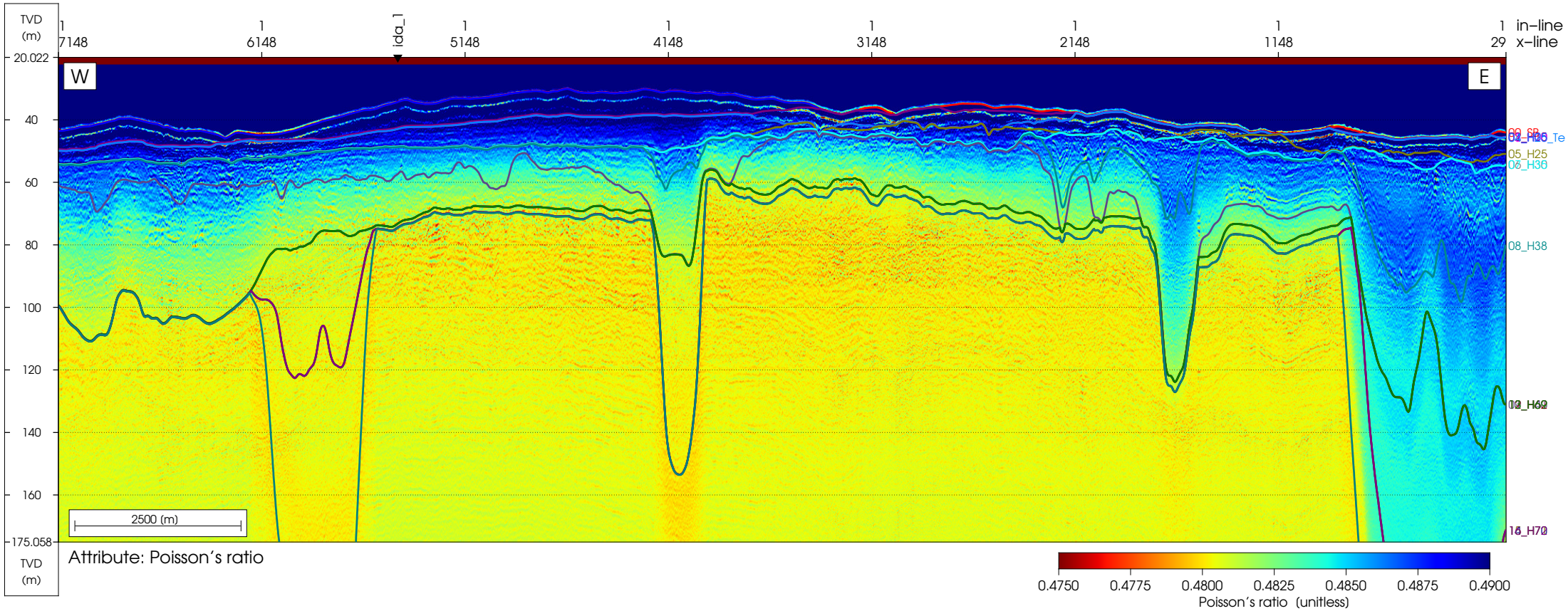




Line: **ML01 (Sparker)**
Property: **Poisson's ratio**

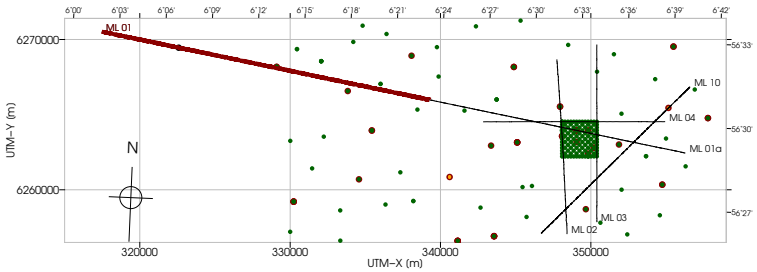
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

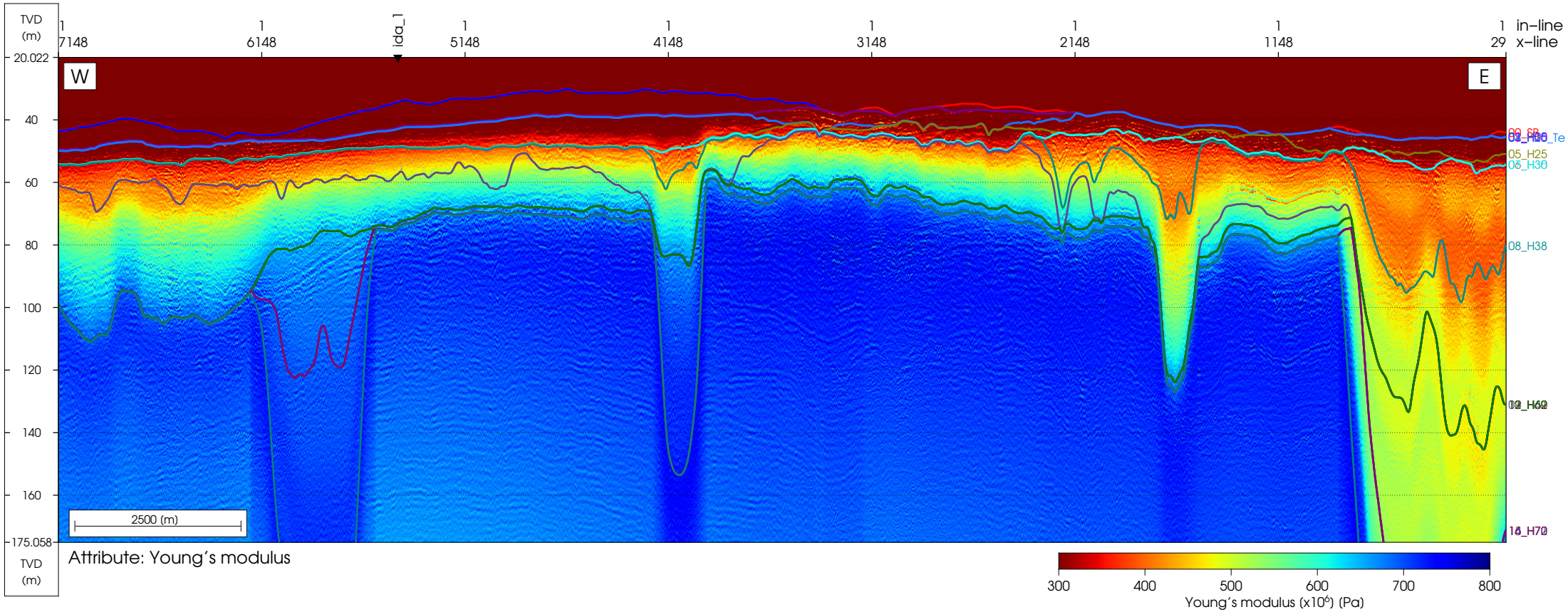




Line: **ML01 (Sparker)**
Property: **Young's modulus**

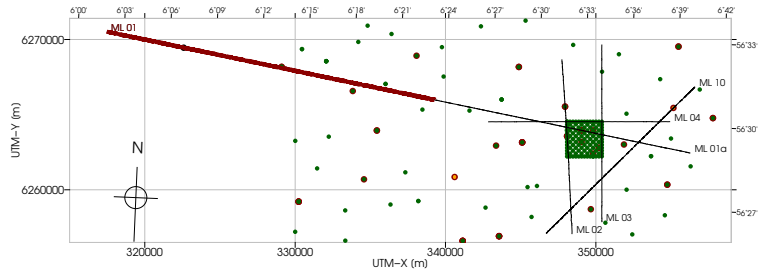
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

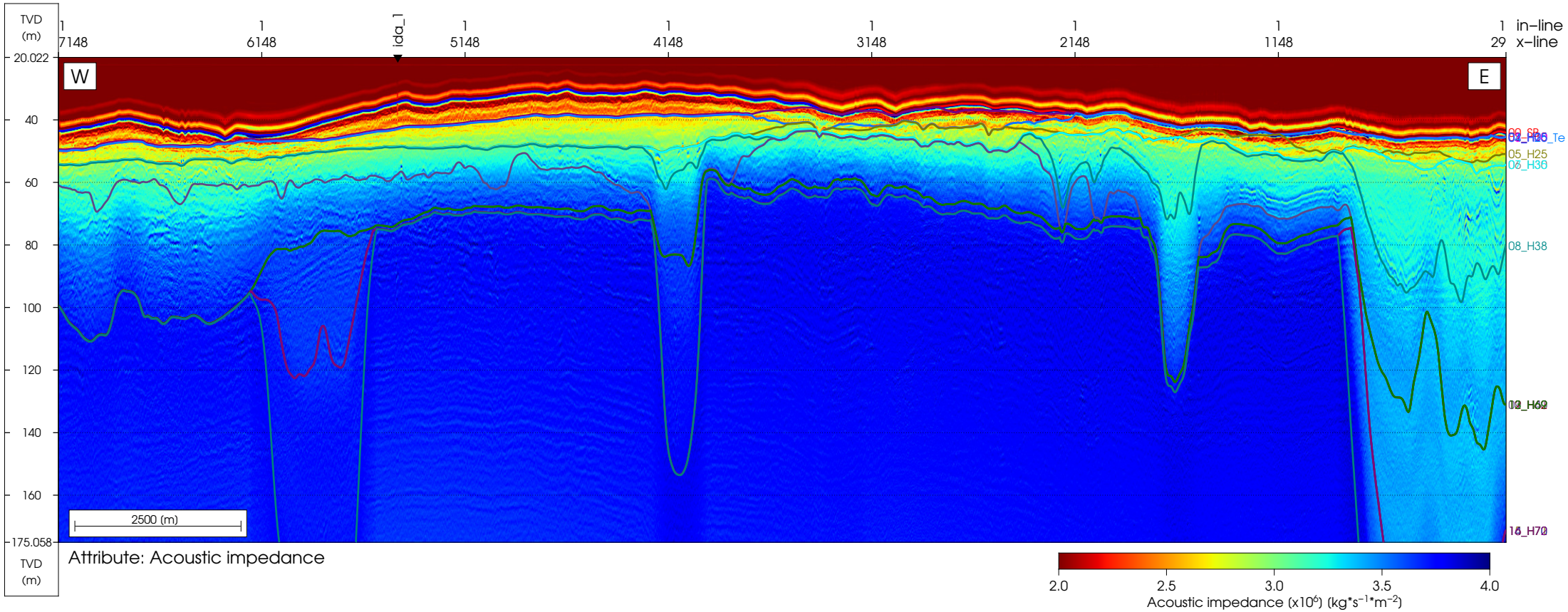




Line: **ML01 (Sparker)**
Property: **Acoustic impedance**

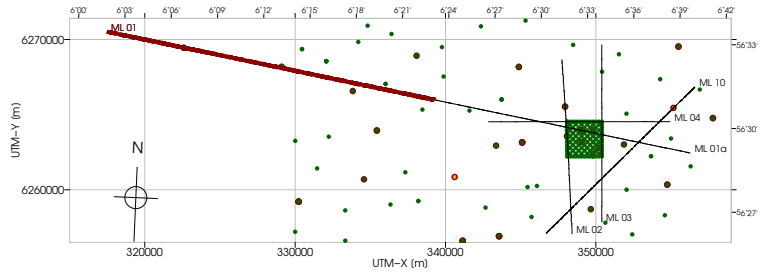
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

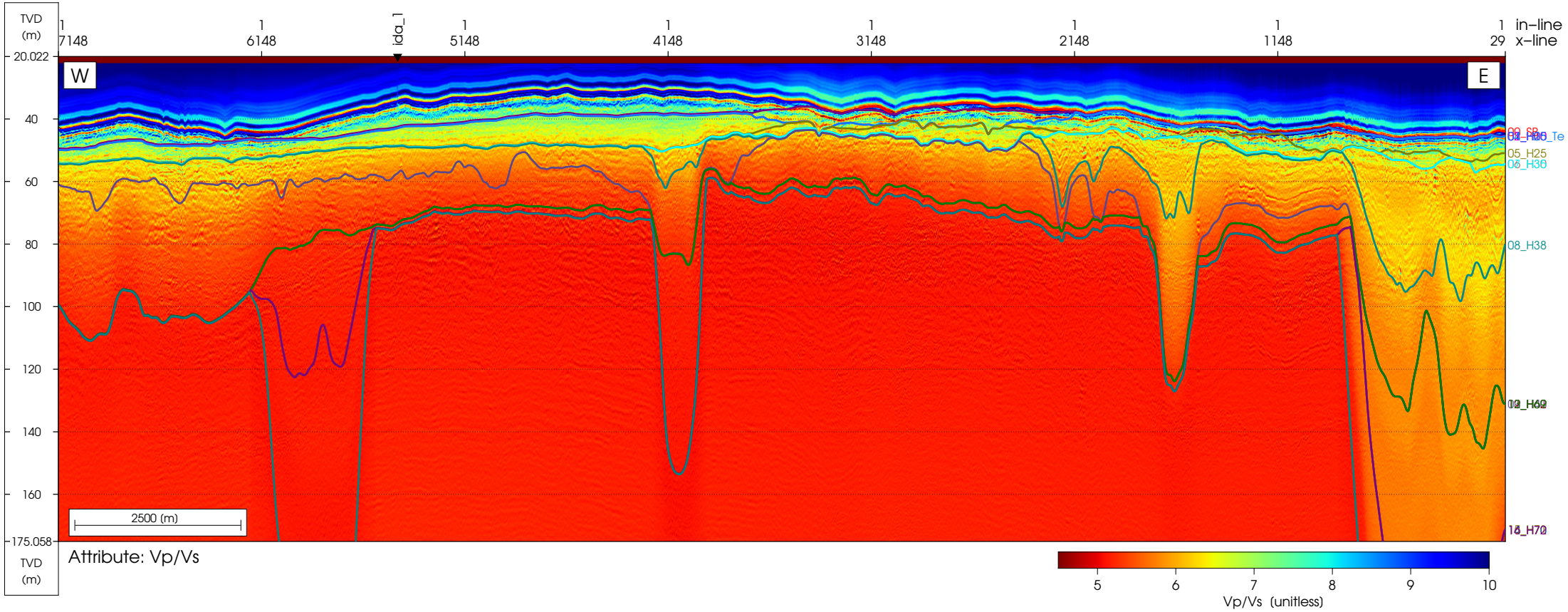




Line: **ML01 (Sparker)**
Property: **Vp/Vs**

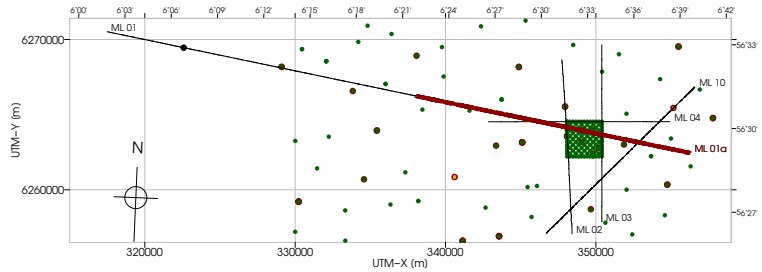
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(317480.12, 6270519.73) ⟶ (339259.00, 6265987.00)

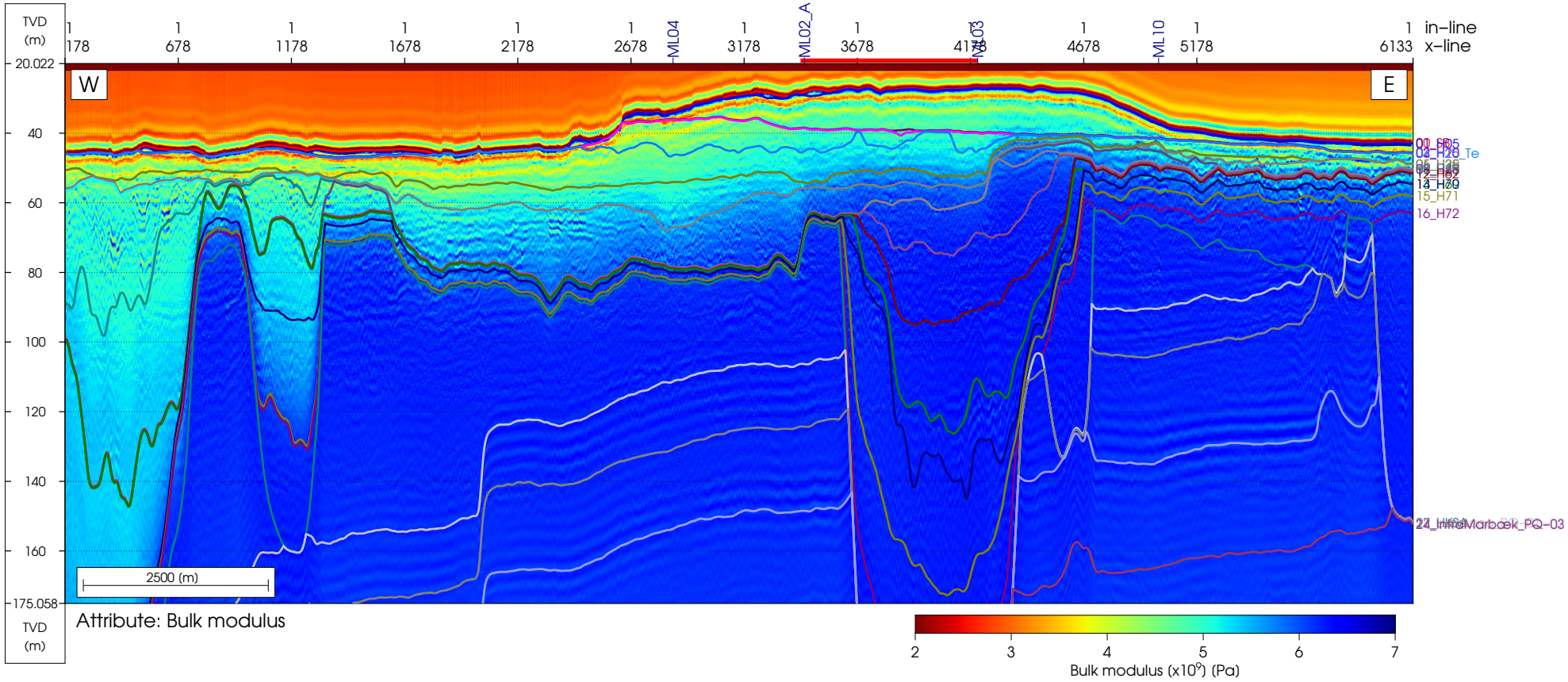




Line: **ML01a (Sparker)**
Property: **Bulk modulus**

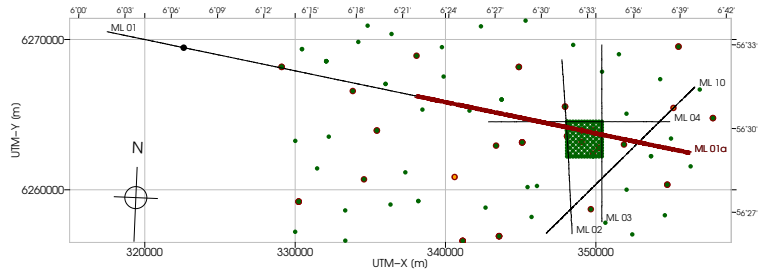
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

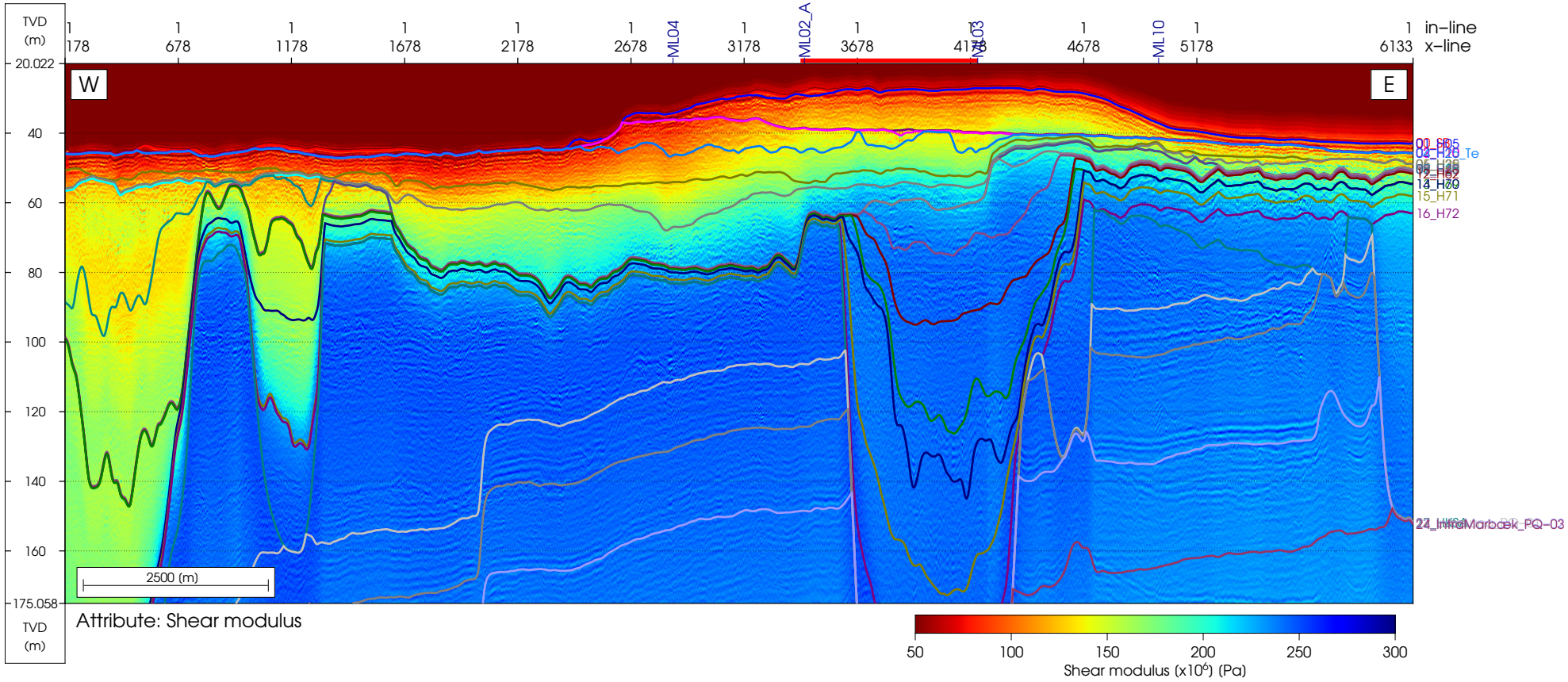




Line: **ML01a (Sparker)**
Property: **Shear modulus**

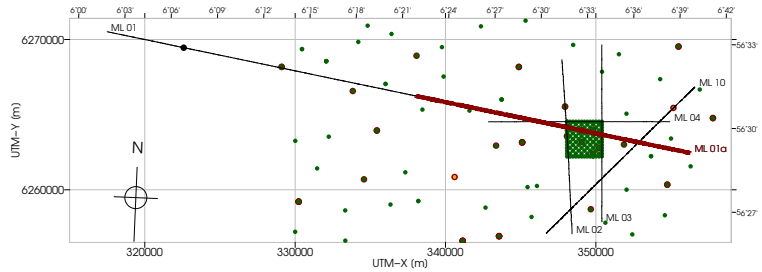
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

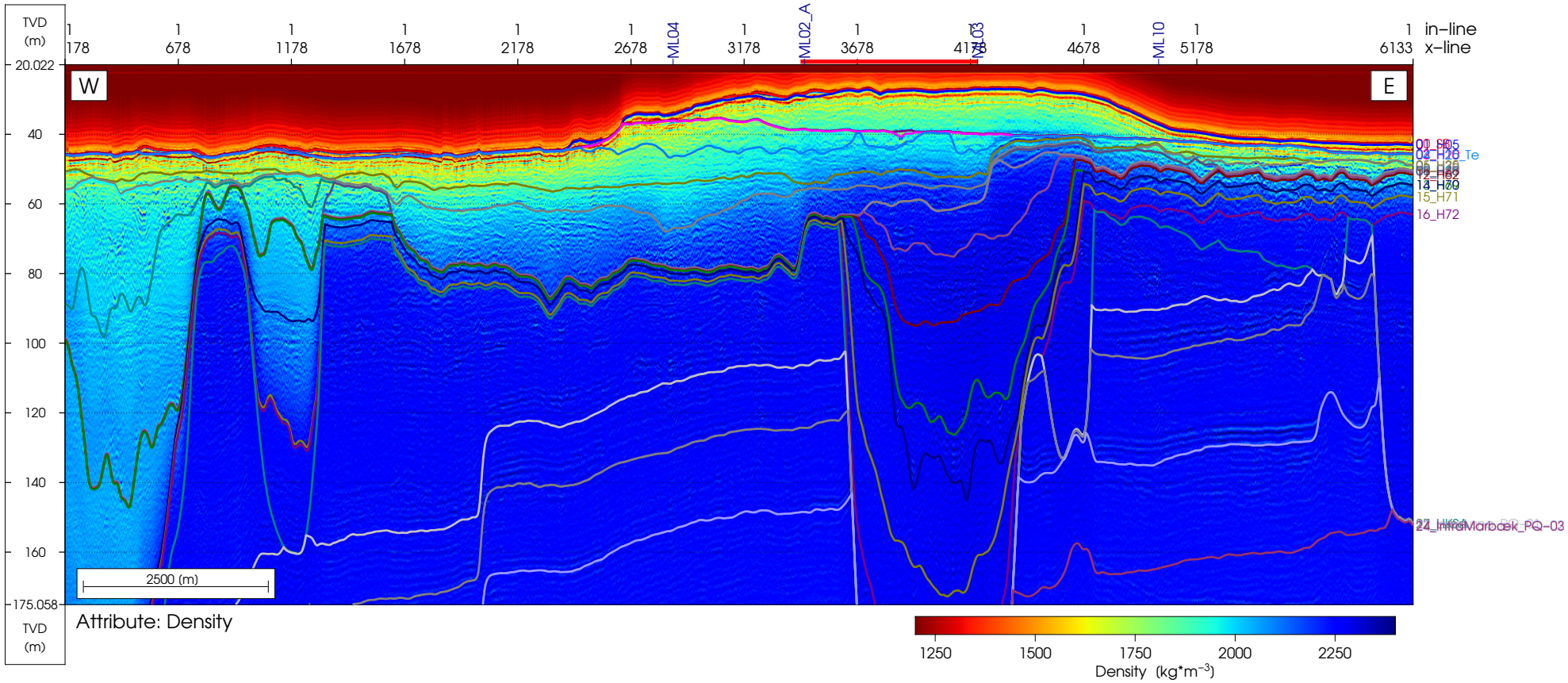




Line: **ML01a (Sparker)**
Property: **Density**

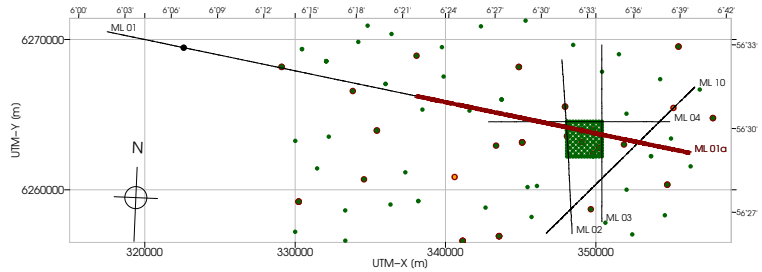
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

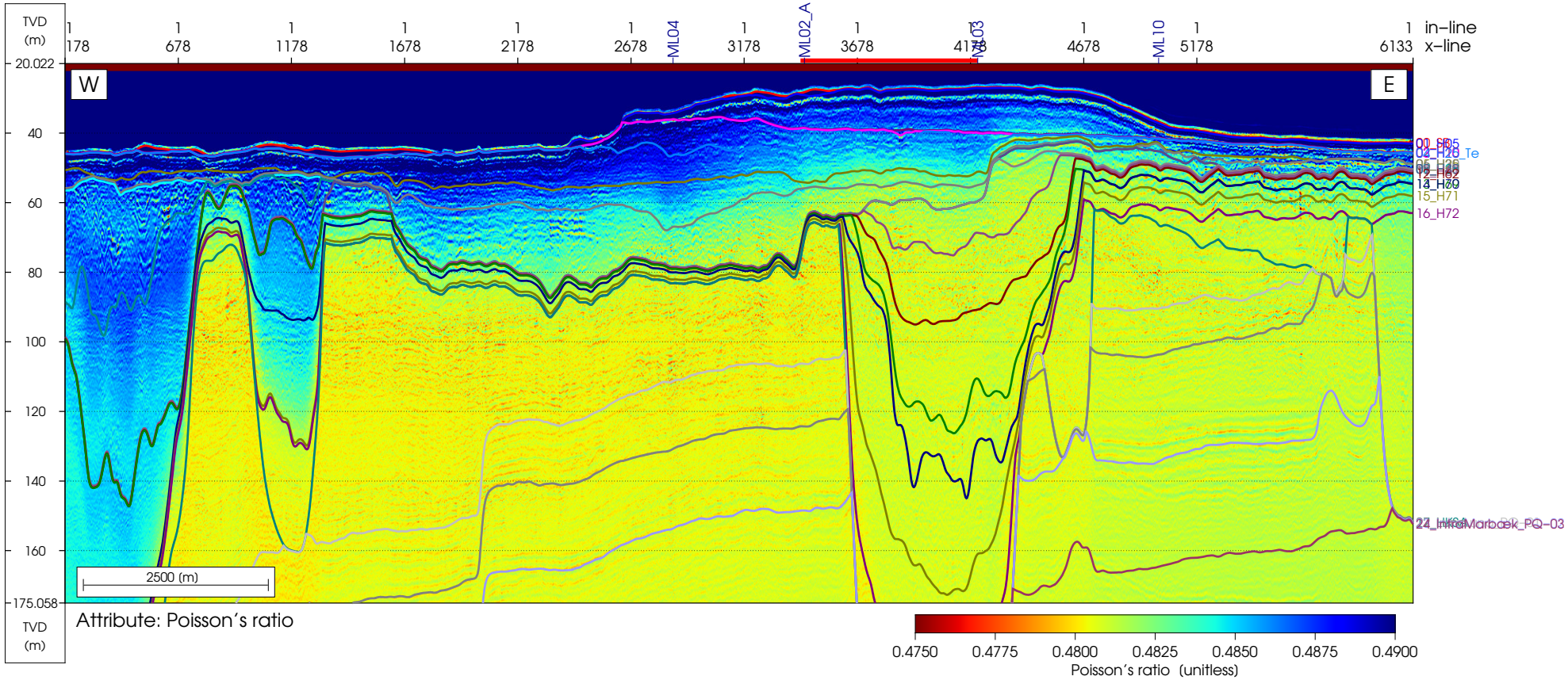




Line: **ML01a (Sparker)**
Property: **Poisson's ratio**

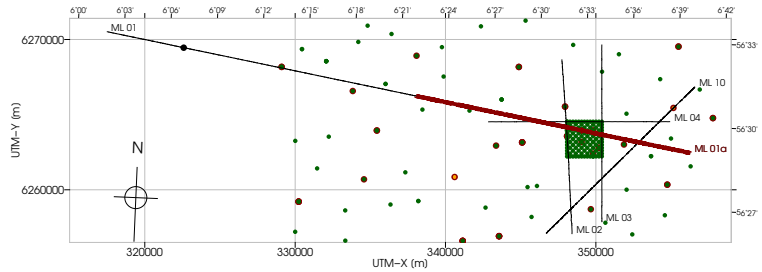
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

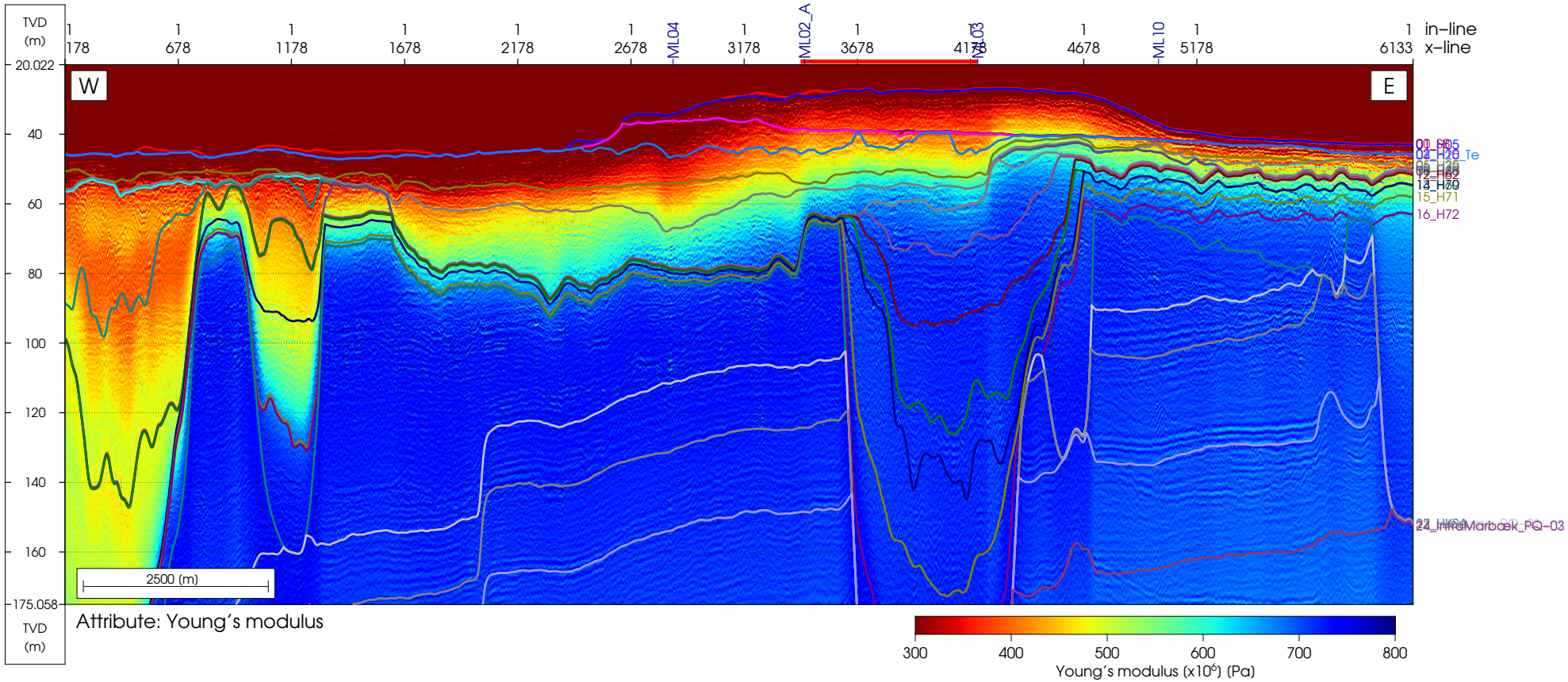




Line: **ML01a (Sparker)**
Property: **Young's modulus**

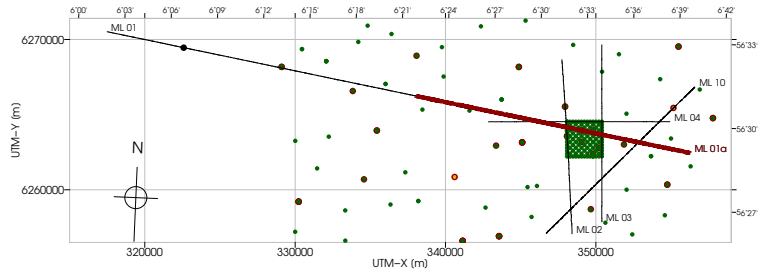
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

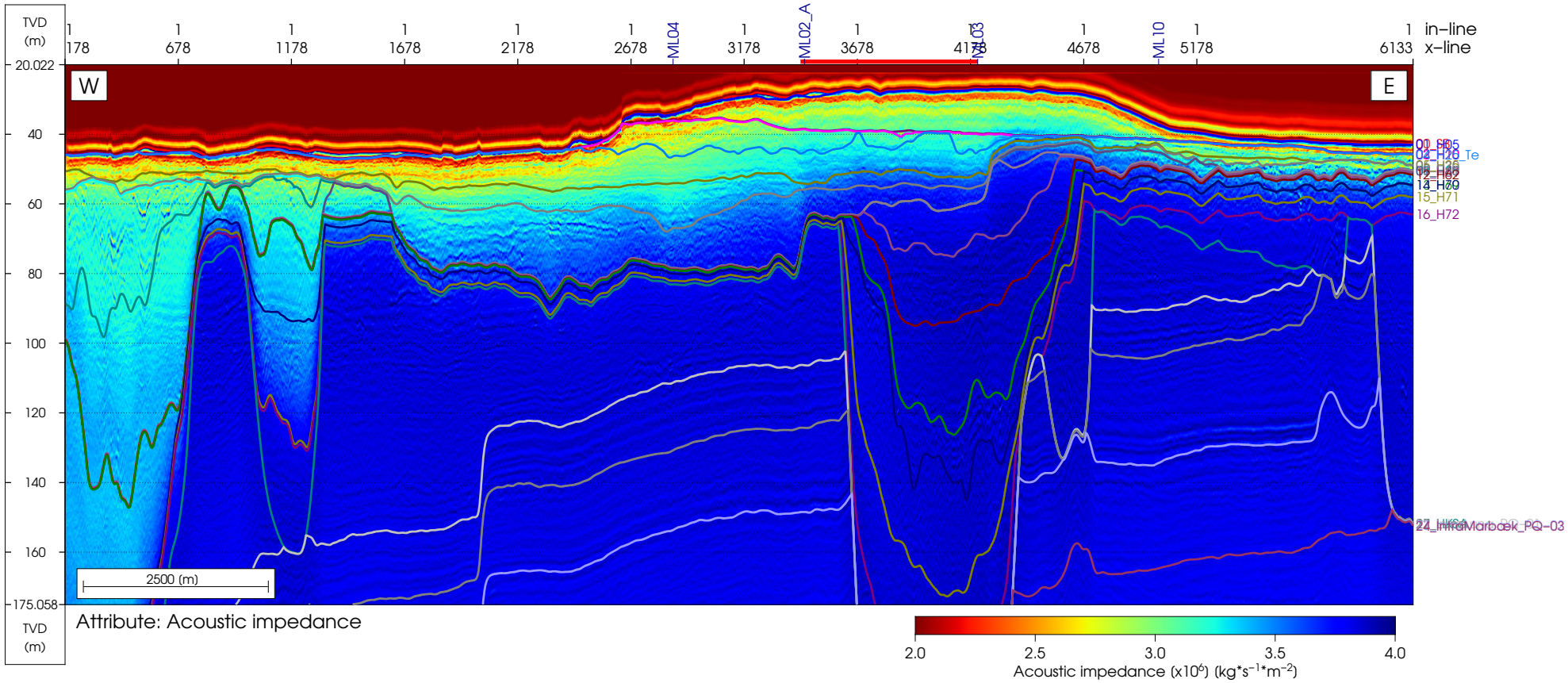




Line: **ML01a (Sparker)**
Property: **Acoustic impedance**

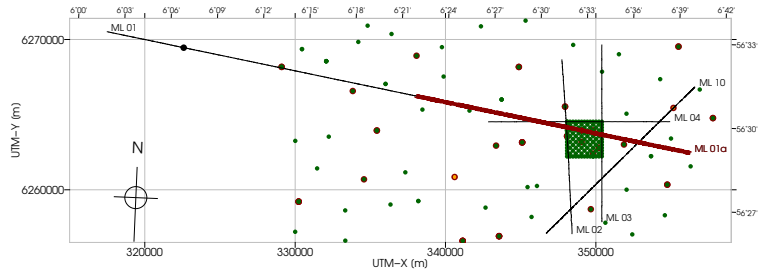
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

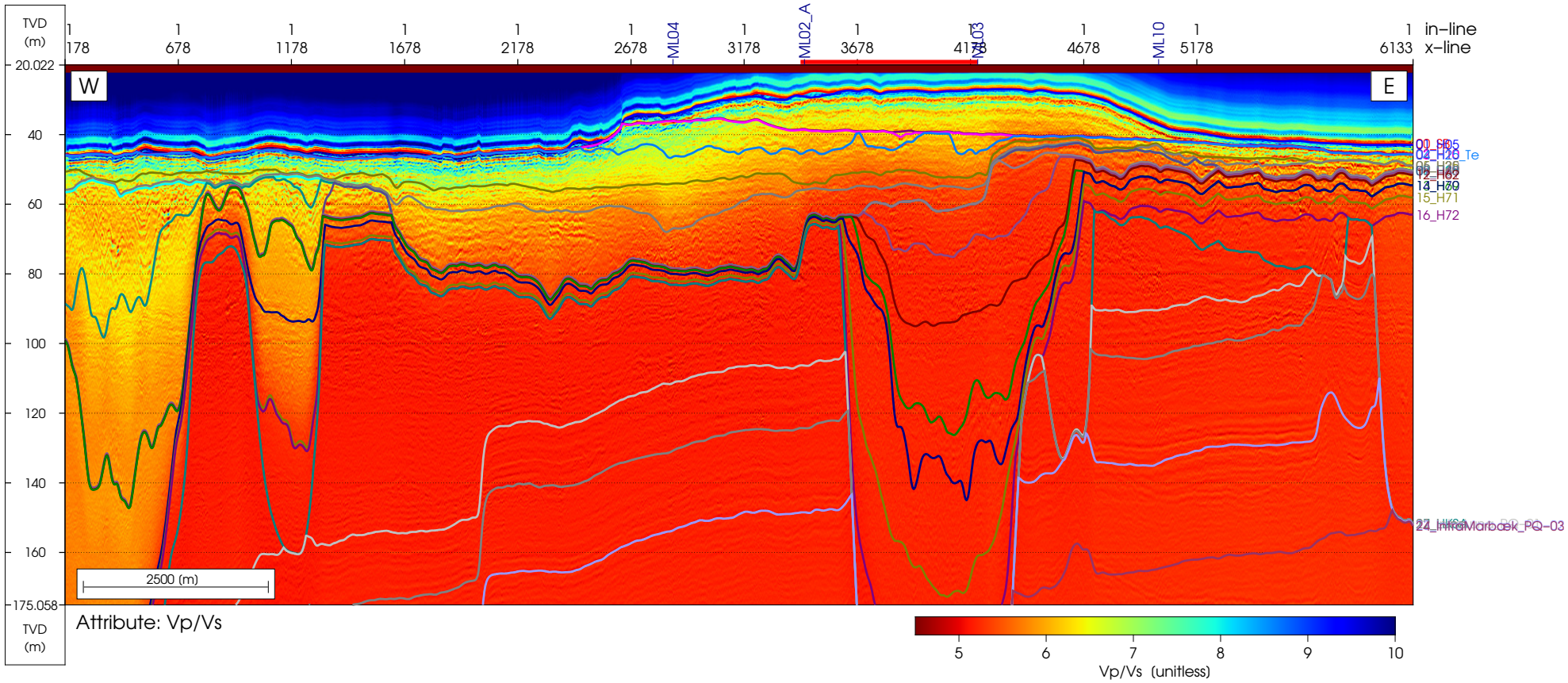




Line: **ML01a (Sparker)**
Property: **Vp/Vs**

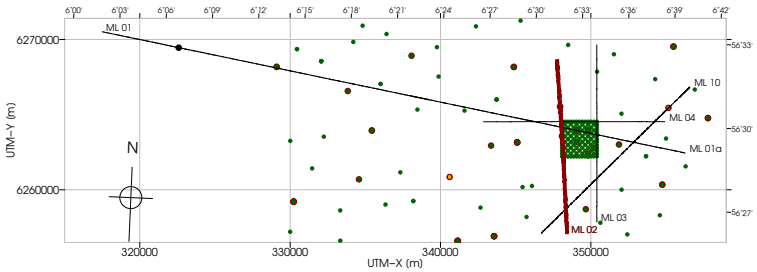
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(338062.18. 6266233.09) ⟶ (356278.94,6262440.64)
Energy Island

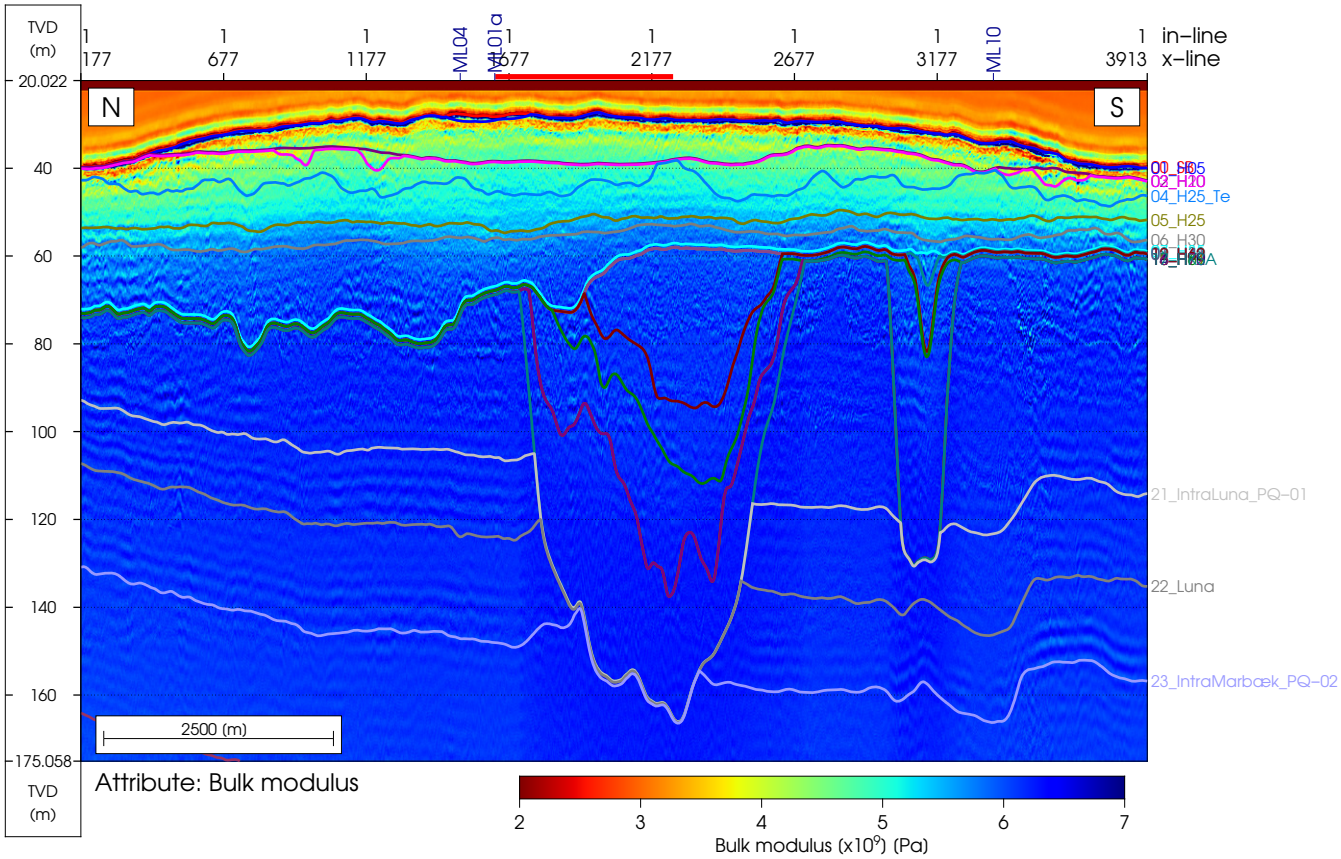




Line: **ML02 (Sparker)**
Property: **Bulk modulus**

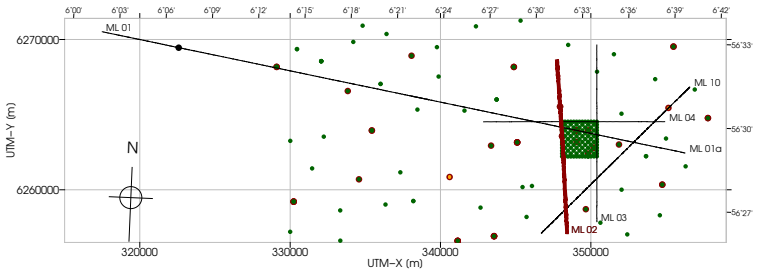
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

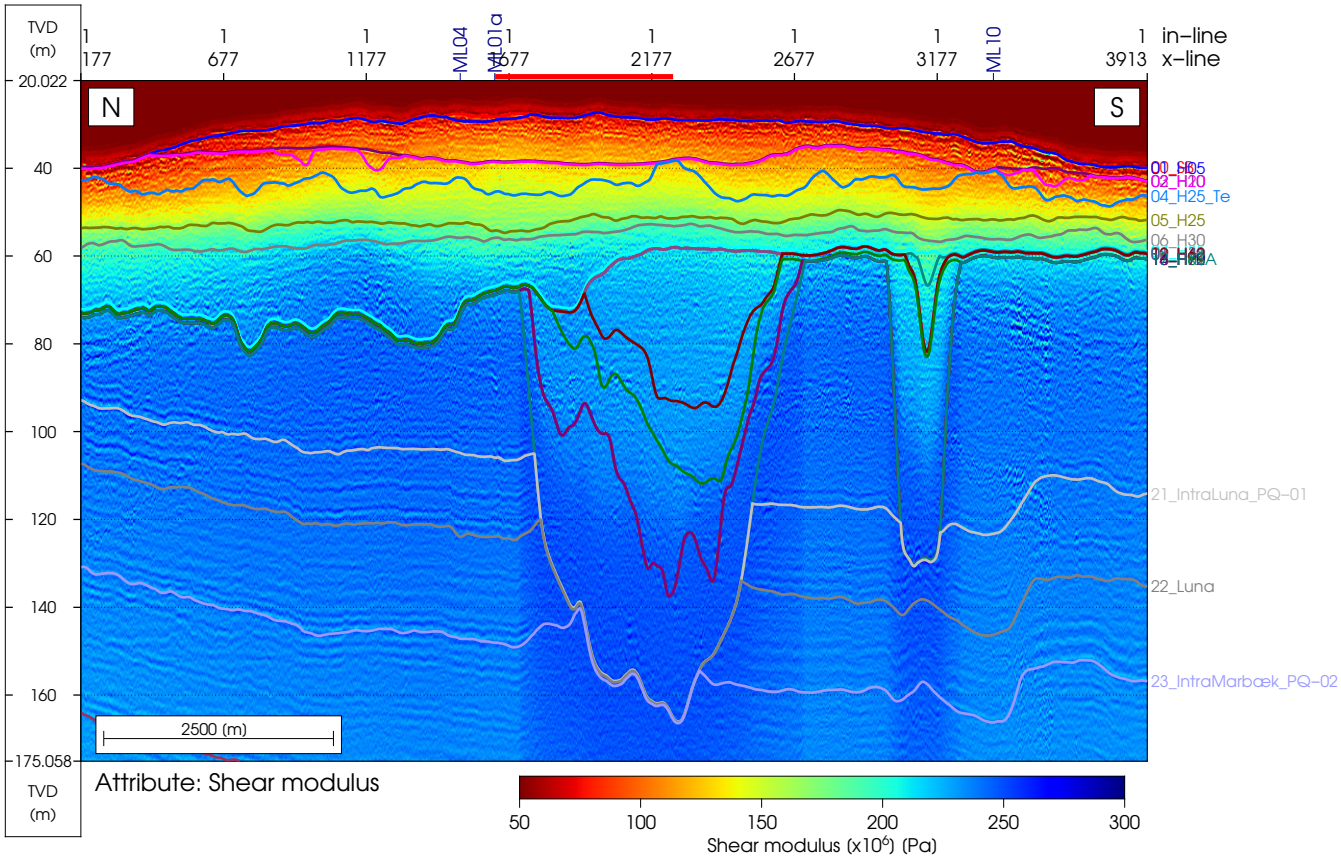




Line: **ML02 (Sparker)**
Property: **Shear modulus**

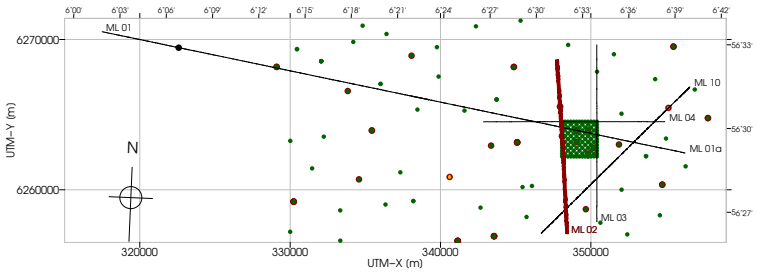
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

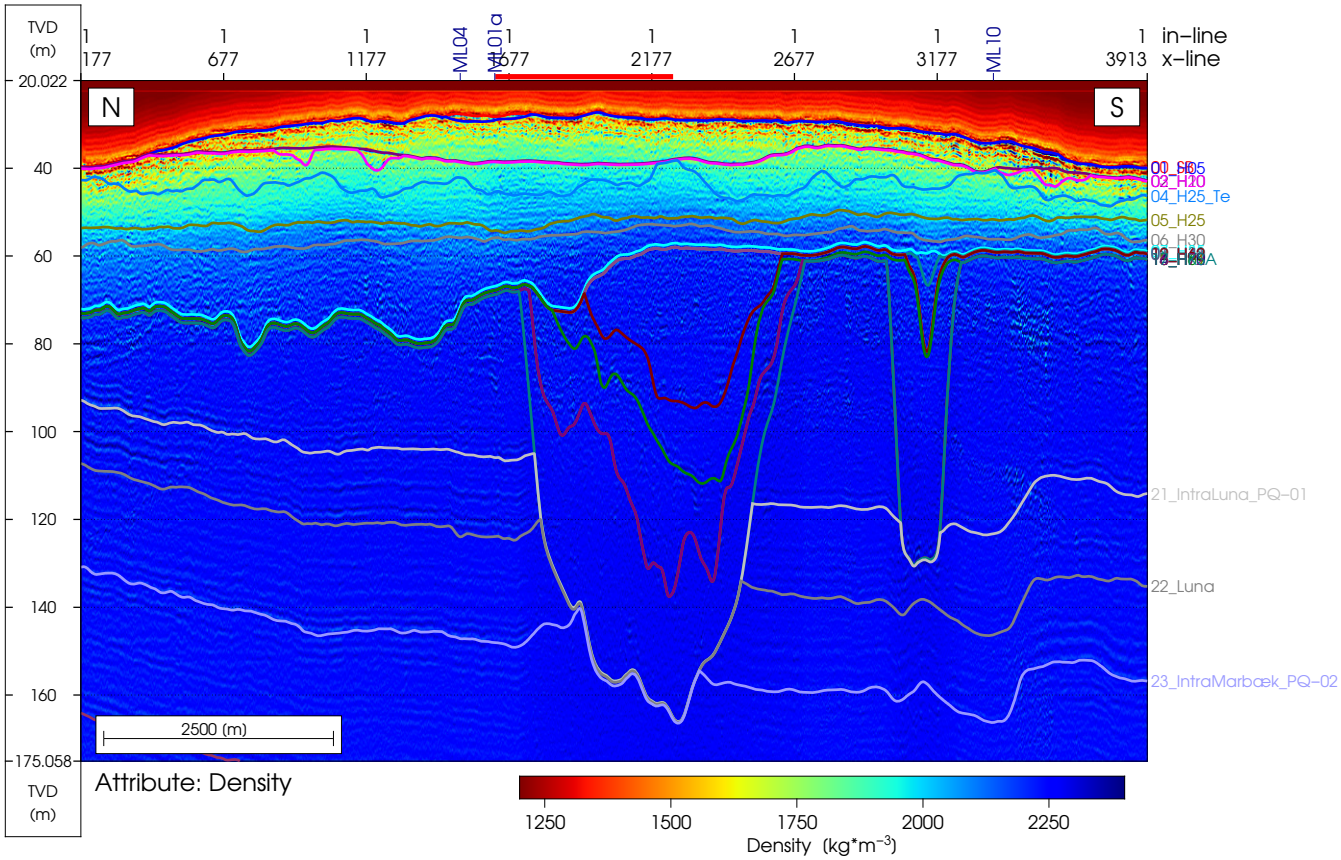




Line: **ML02 (Sparker)**
Property: **Density**

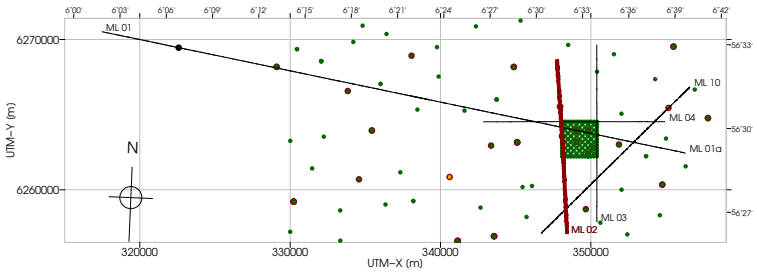
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

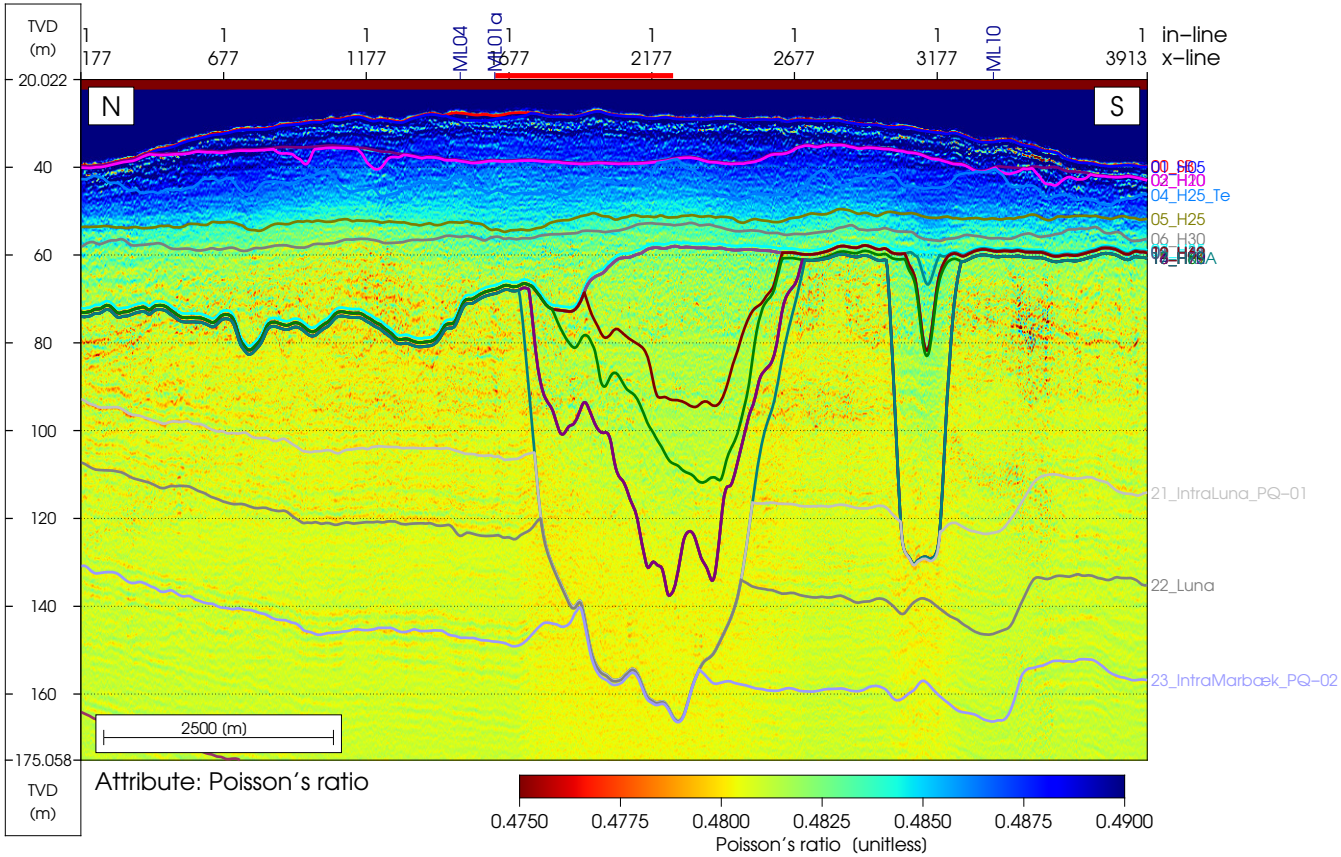




Line: **ML02 (Sparker)**
Property: **Poisson's ratio**

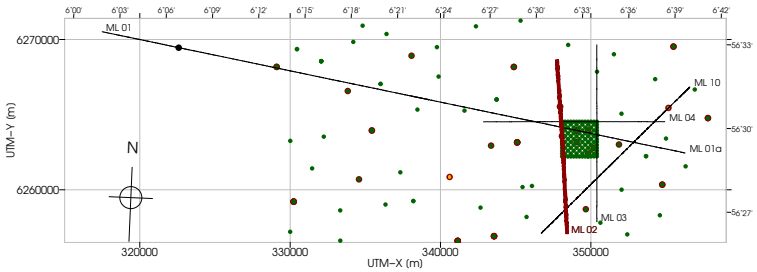
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

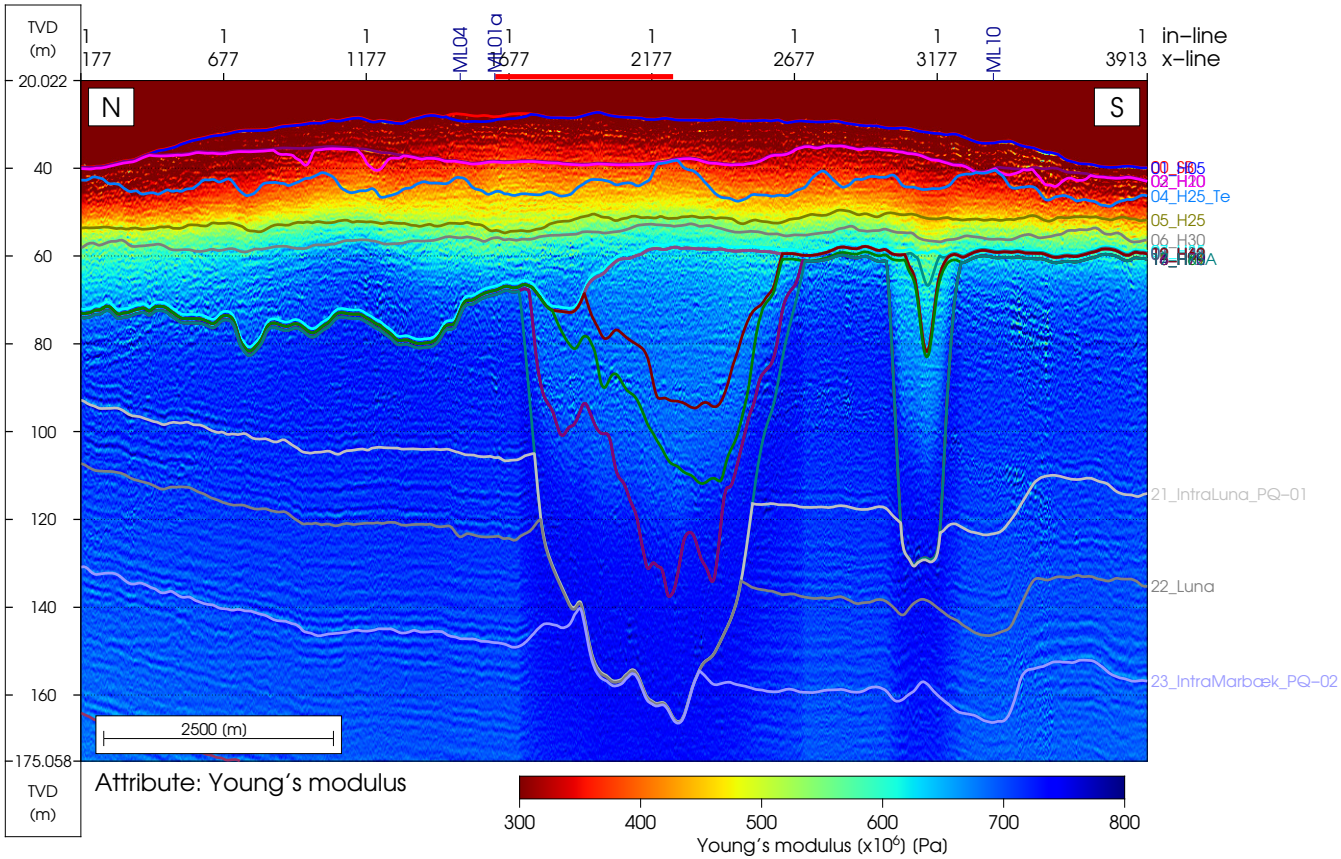




Line: **ML02 (Sparker)**
Property: **Young's modulus**

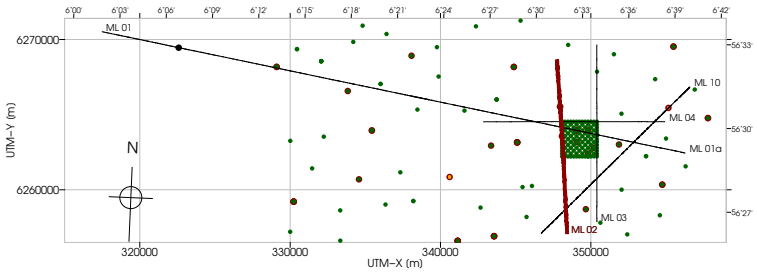
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

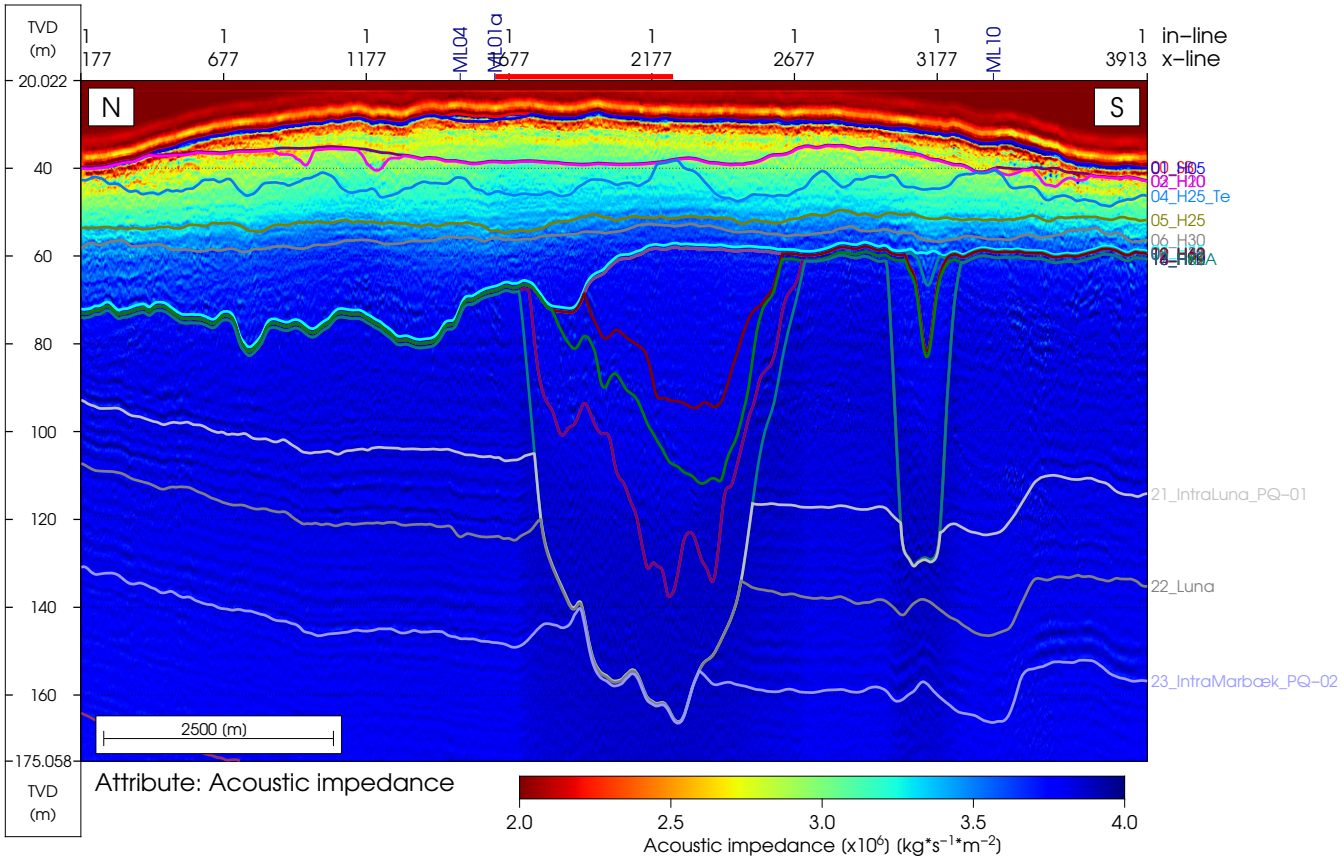




Line: **ML02 (Sparker)**
Property: **Acoustic impedance**

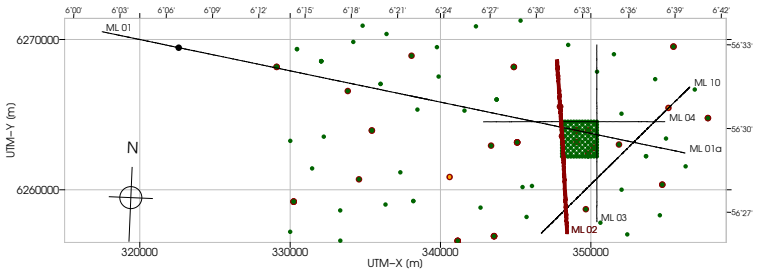
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

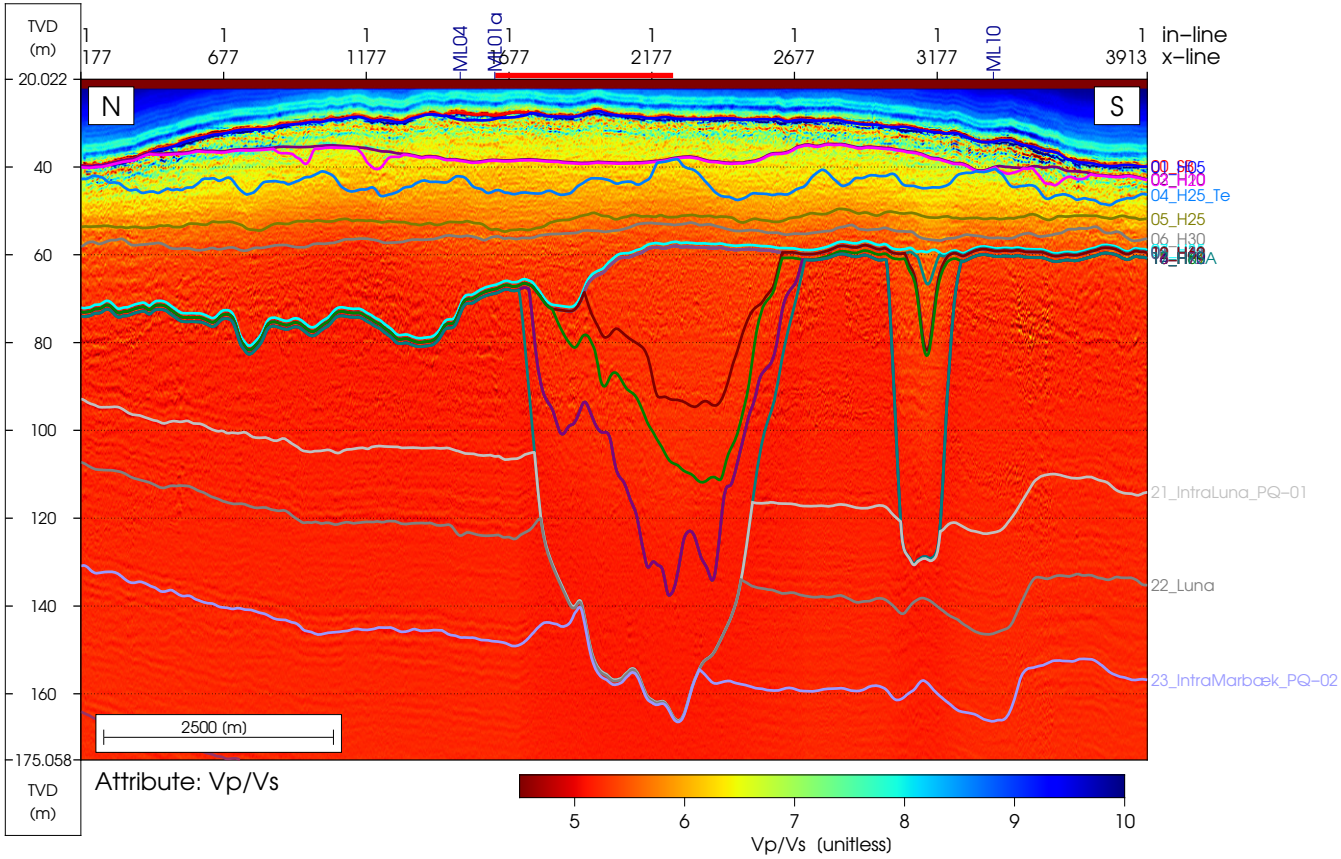




Line: **ML02 (Sparker)**
Property: **Vp/Vs**

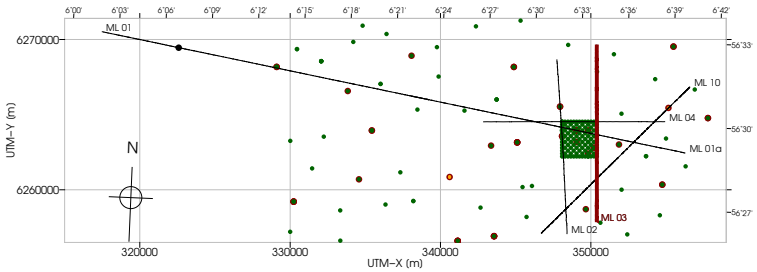
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)
Energy Island

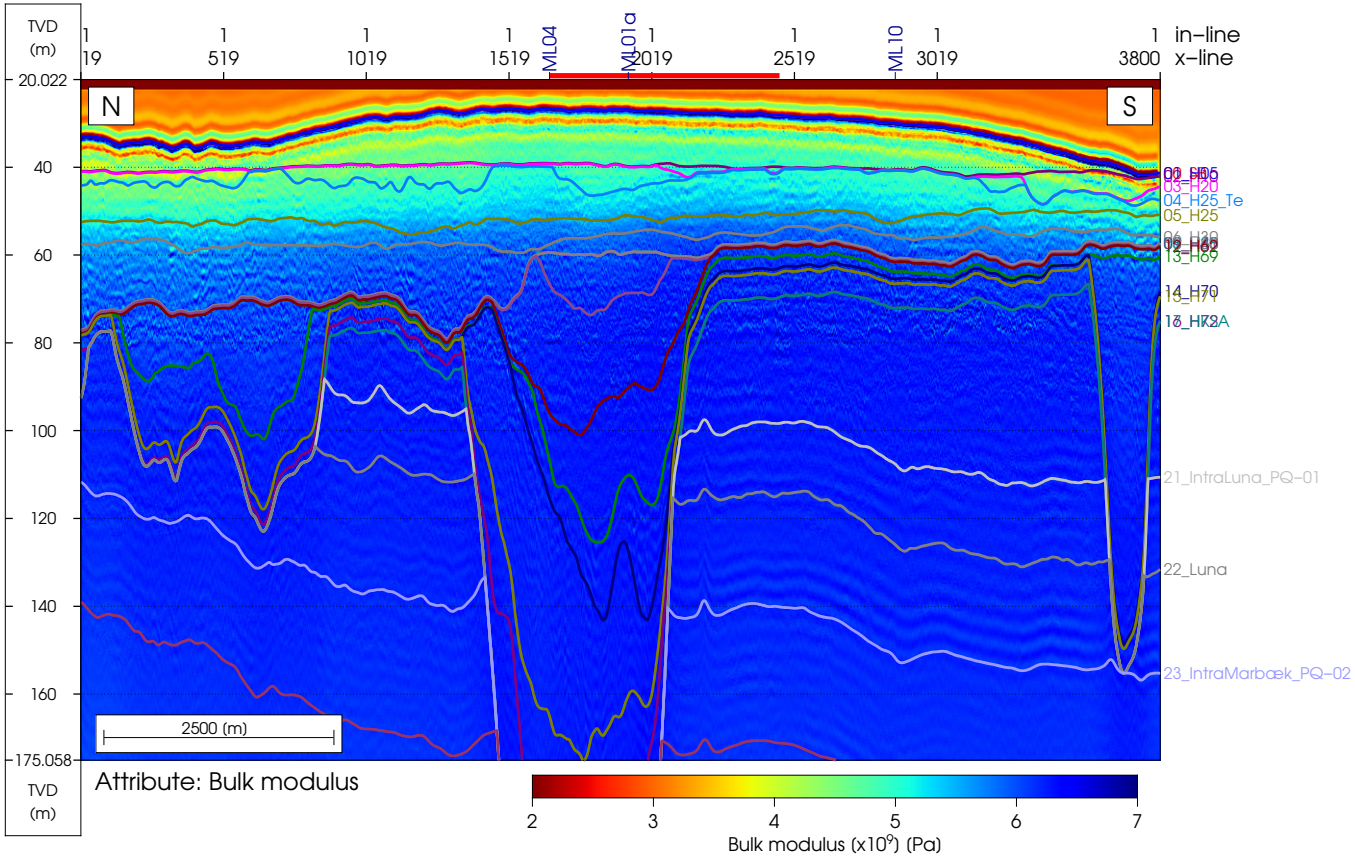




Line: **ML03 (Sparker)**
Property: **Bulk modulus**

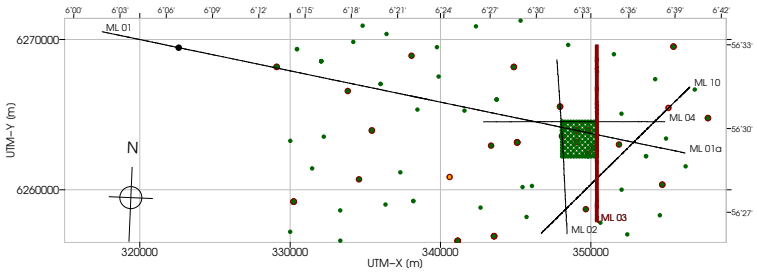
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

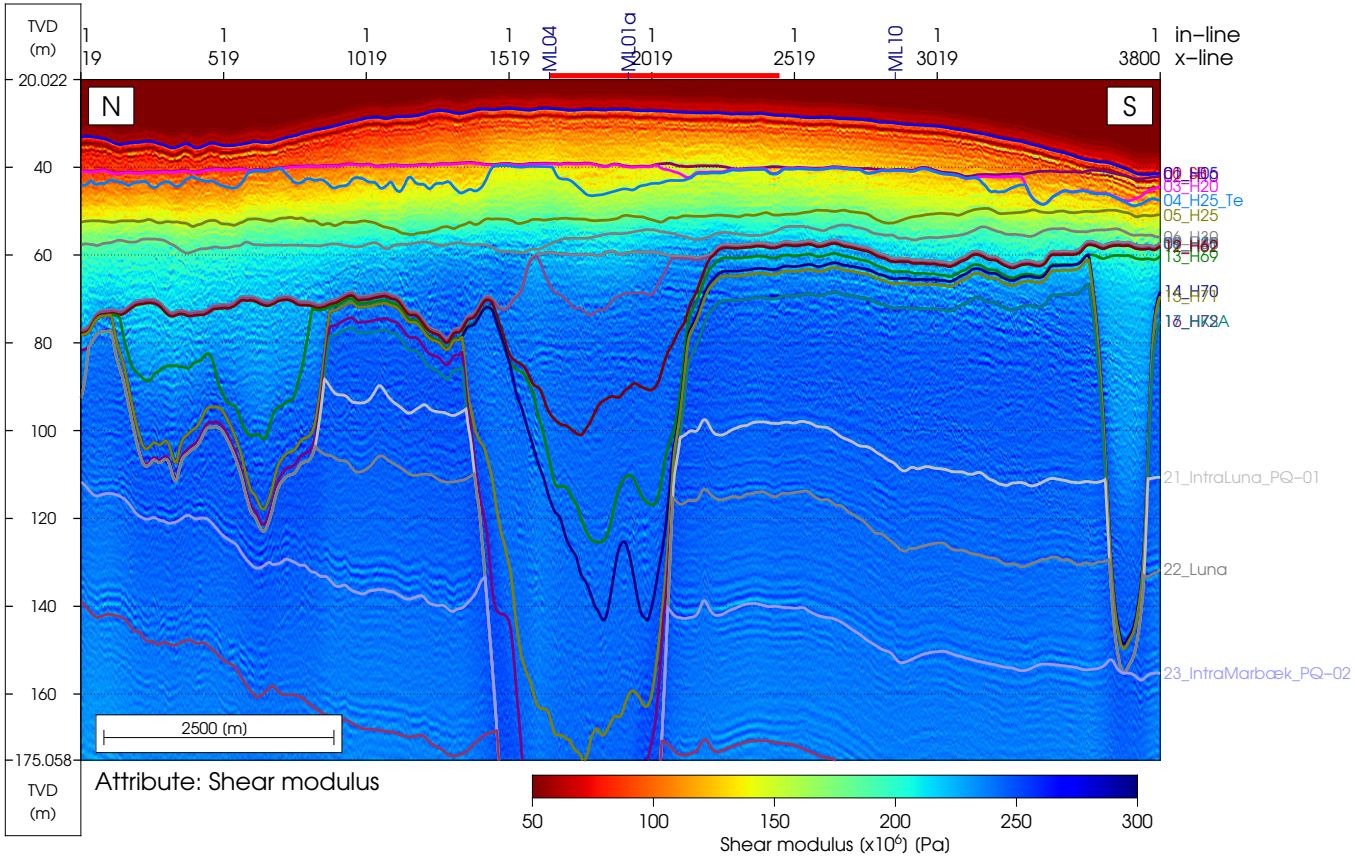




Line: **ML03 (Sparker)**
Property: **Shear modulus**

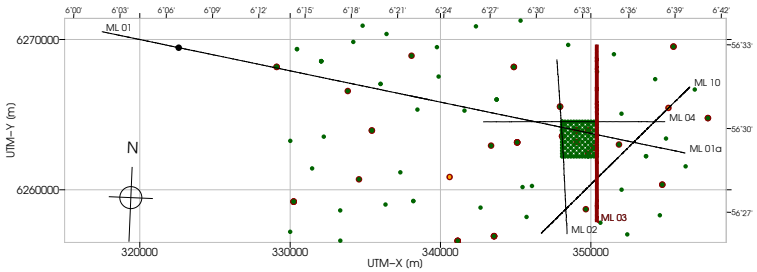
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

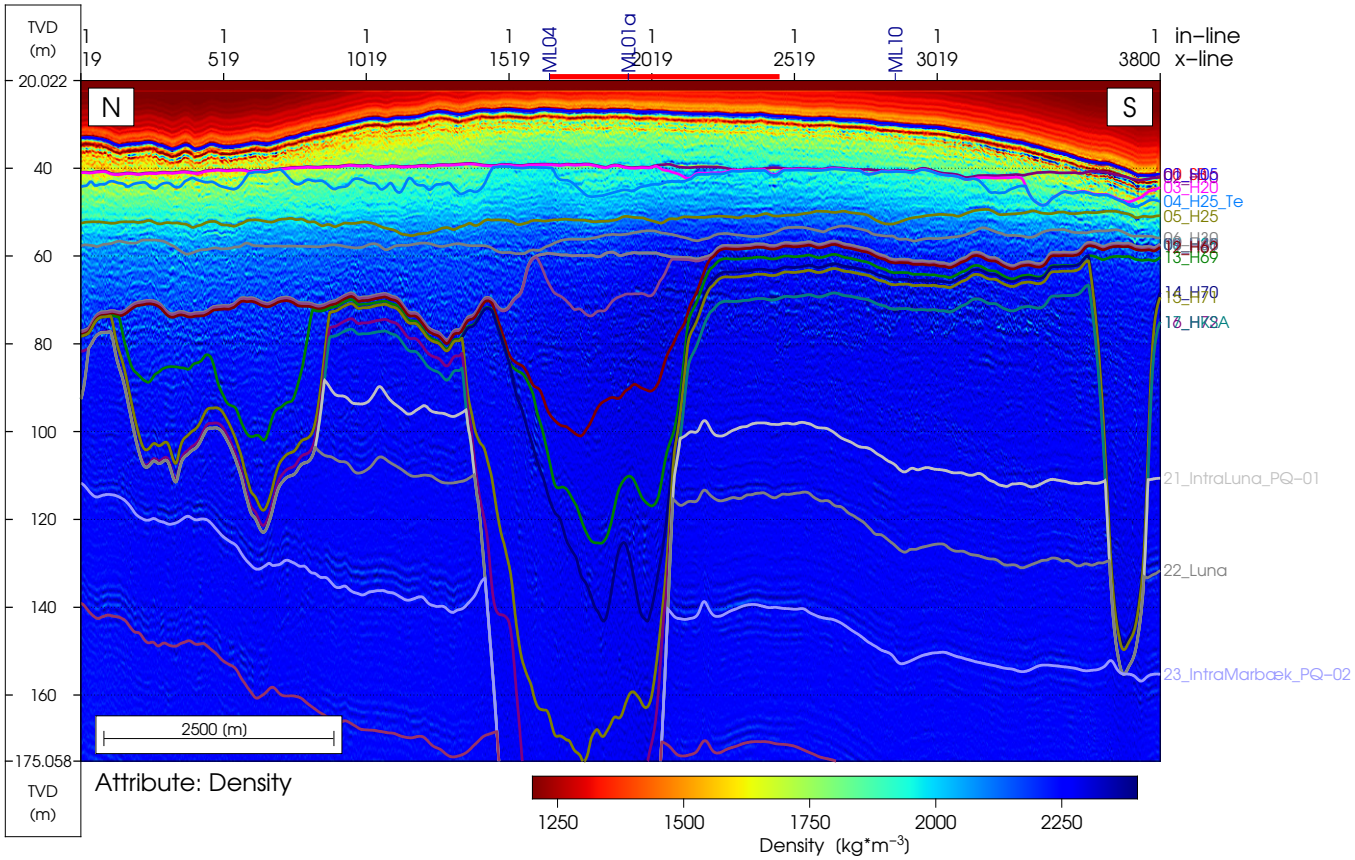




Line: **ML03 (Sparker)**
Property: **Density**

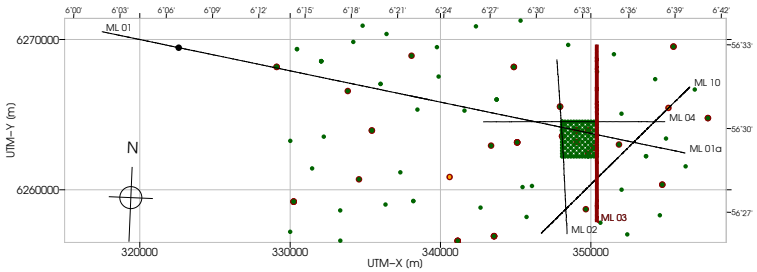
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

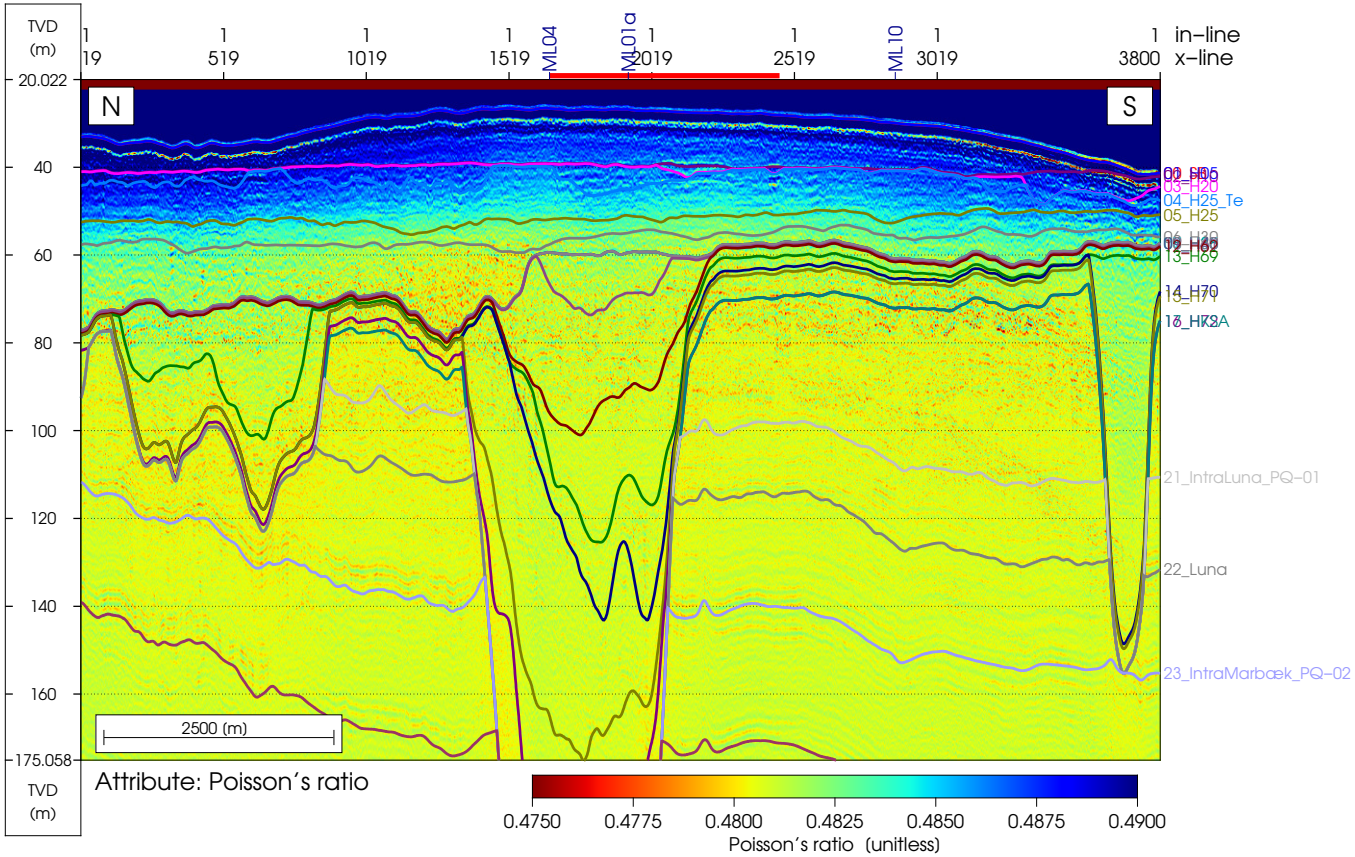




Line: **ML03 (Sparker)**
Property: **Poisson's ratio**

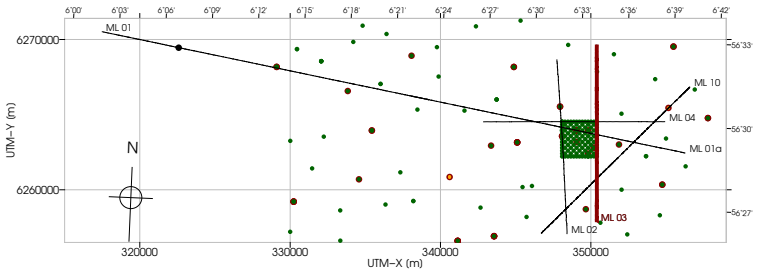
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

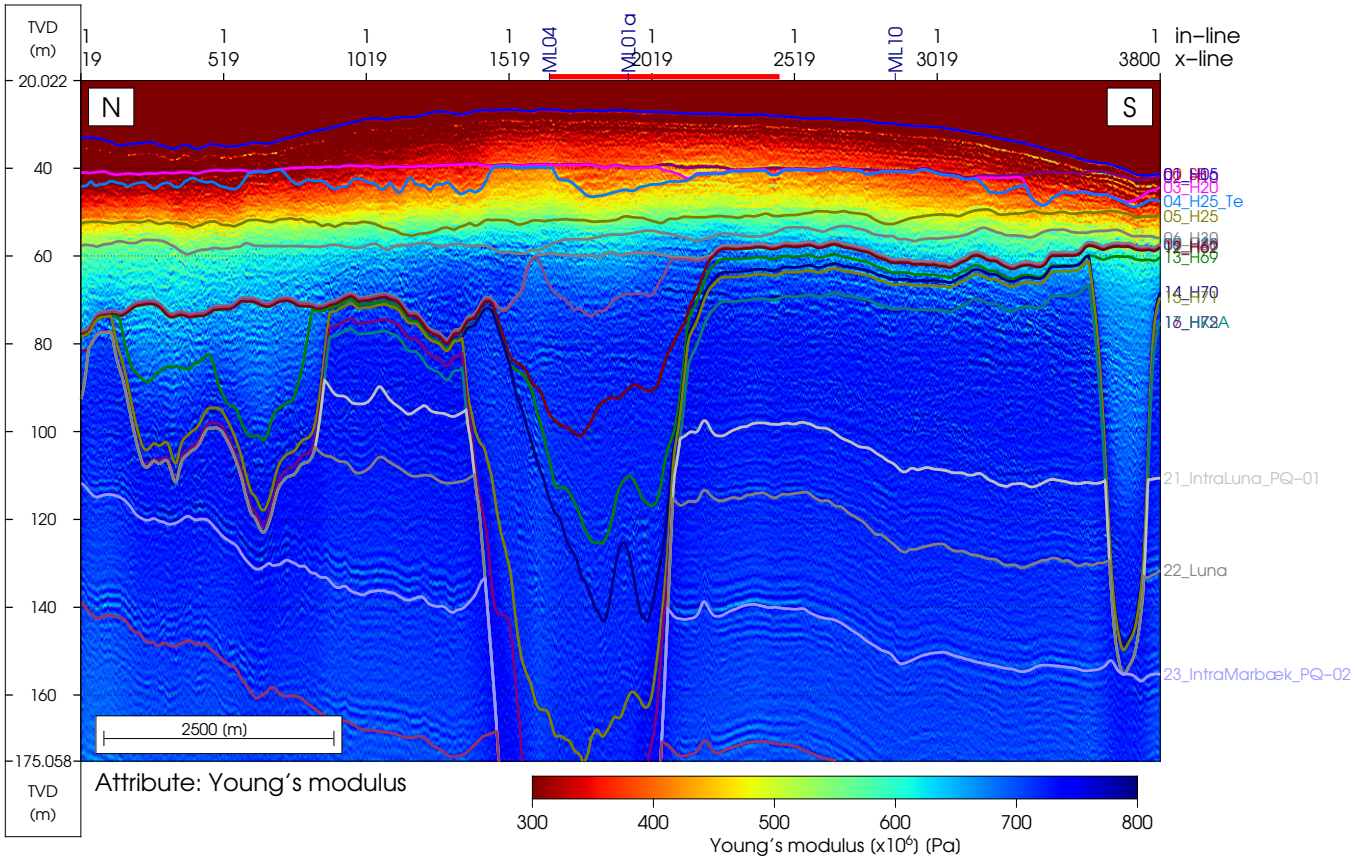




Line: **ML03 (Sparker)**
Property: **Young's modulus**

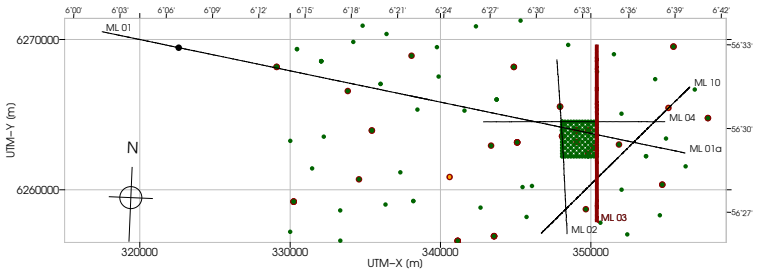
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

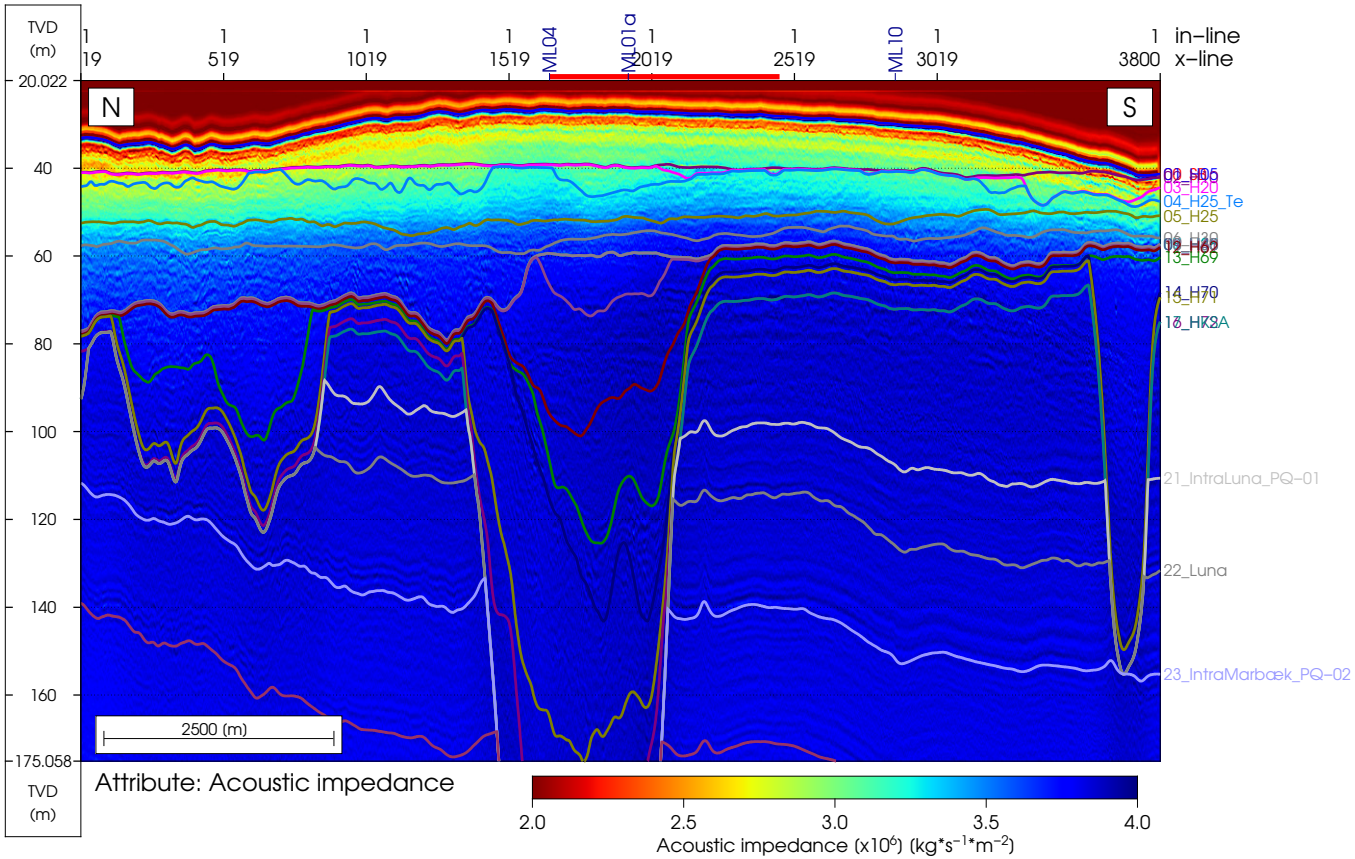




Line: **ML03 (Sparker)**
Property: **Acoustic impedance**

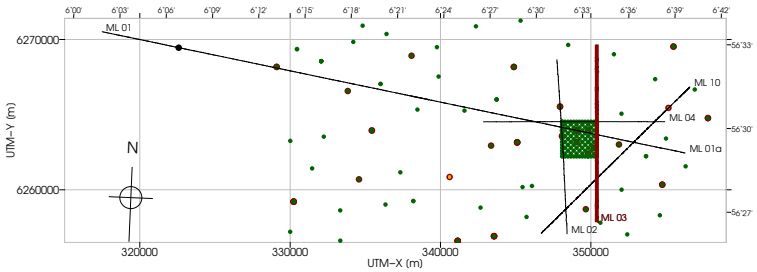
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

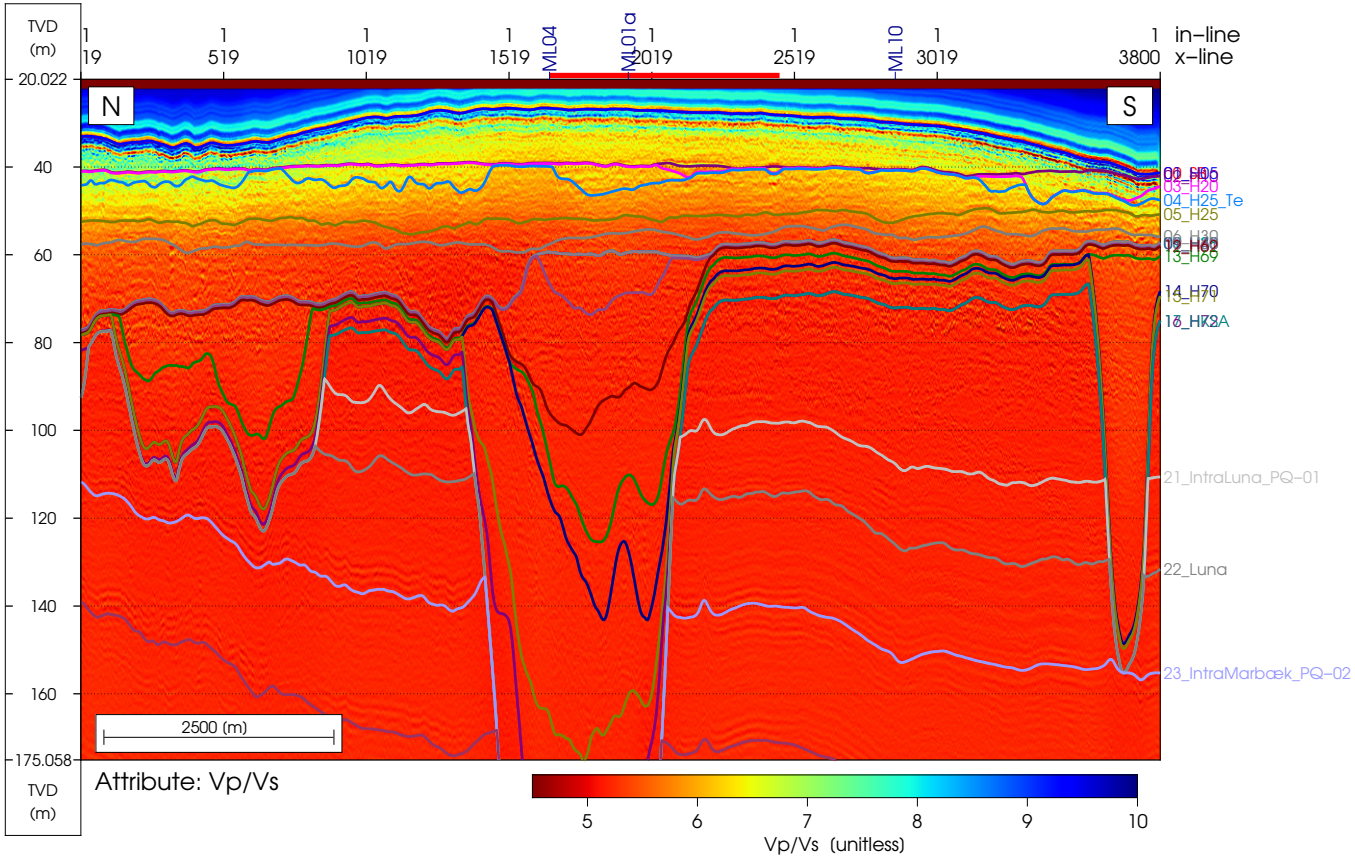




Line: **ML03 (Sparker)**
Property: **Vp/Vs**

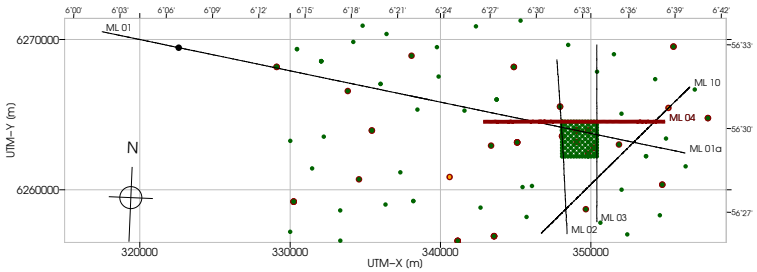
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350397.00. 6269661.00) ⟶ (350394.00,6257850.37)
Energy Island

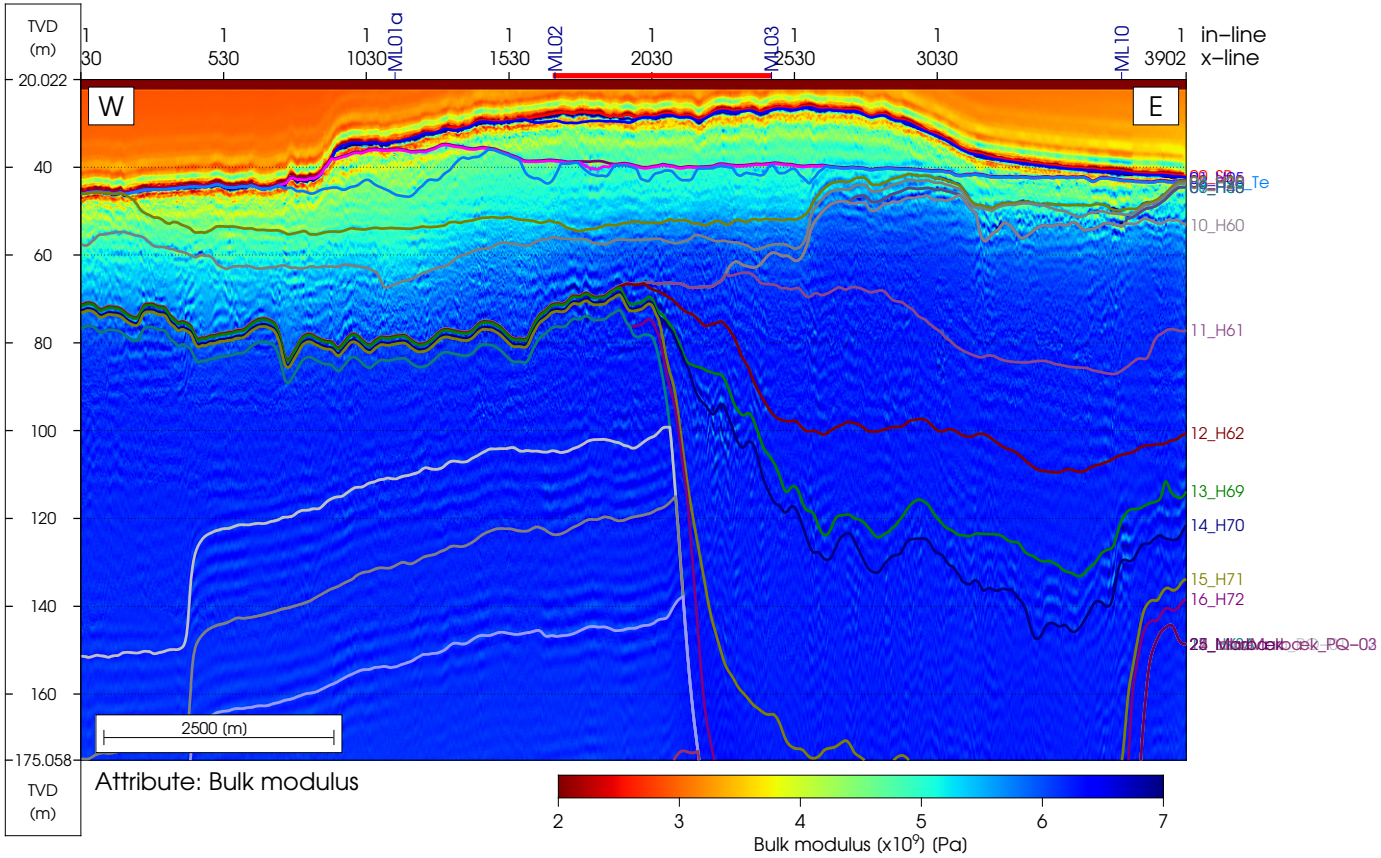




Line: **ML04 (Sparker)**
Property: **Bulk modulus**

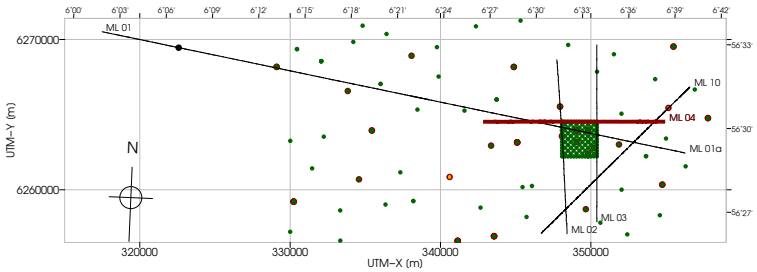
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

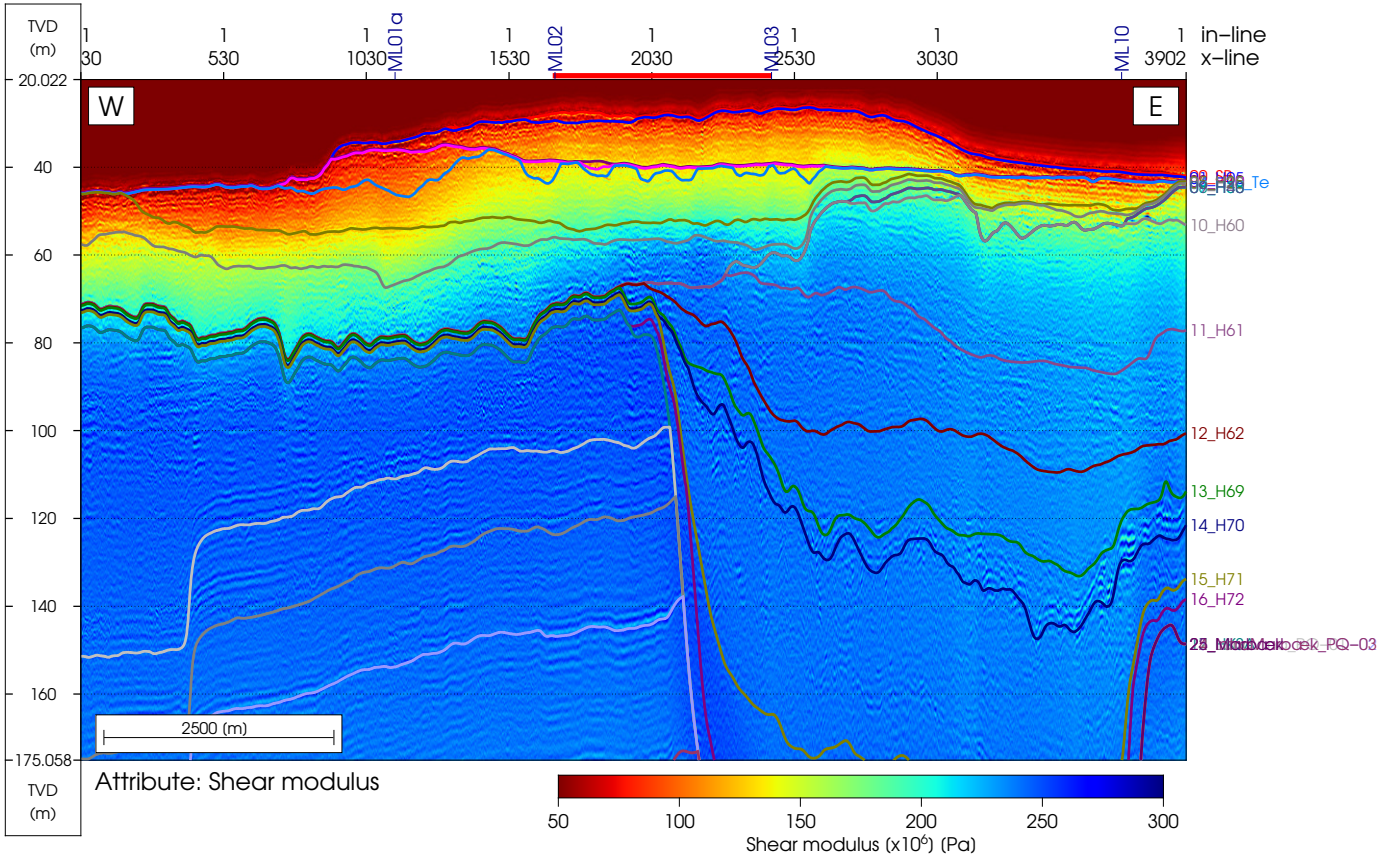




Line: **ML04 (Sparker)**
Property: **Shear modulus**

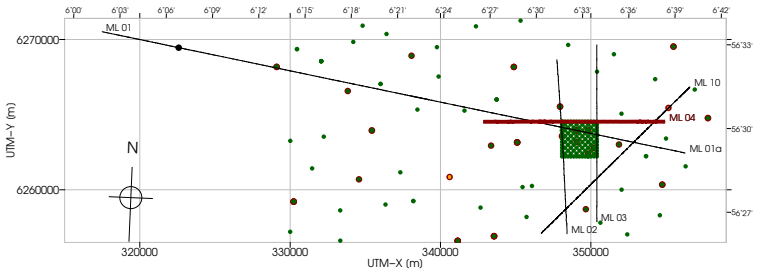
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

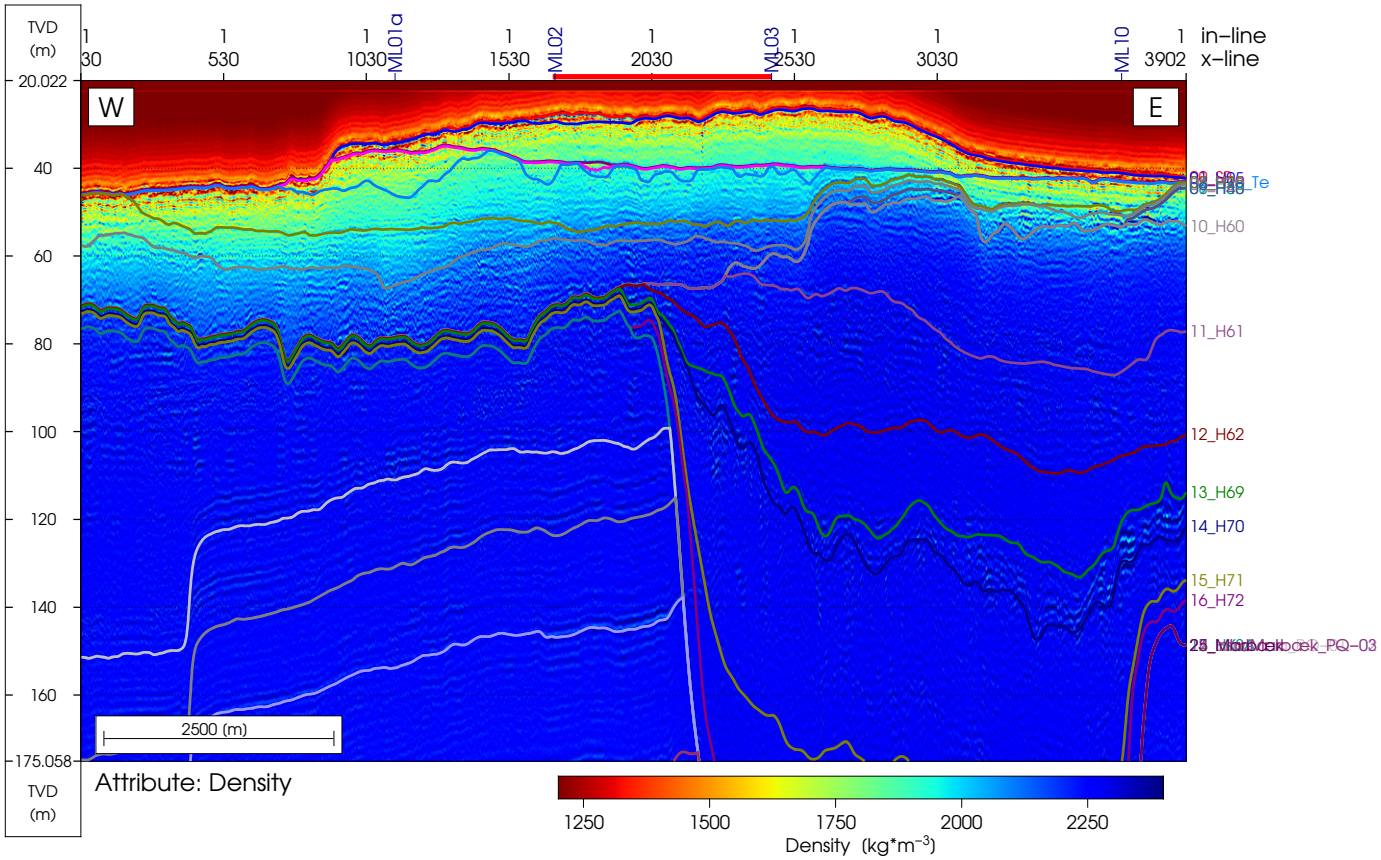




Line: **ML04 (Sparker)**
Property: **Density**

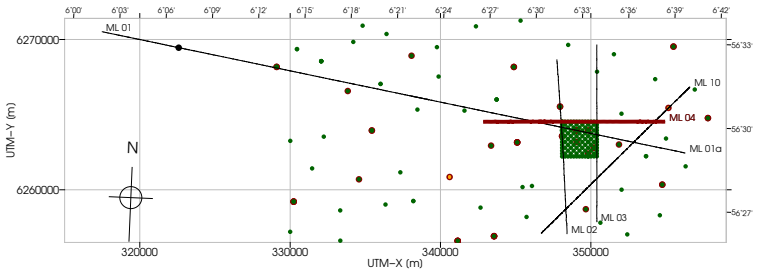
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

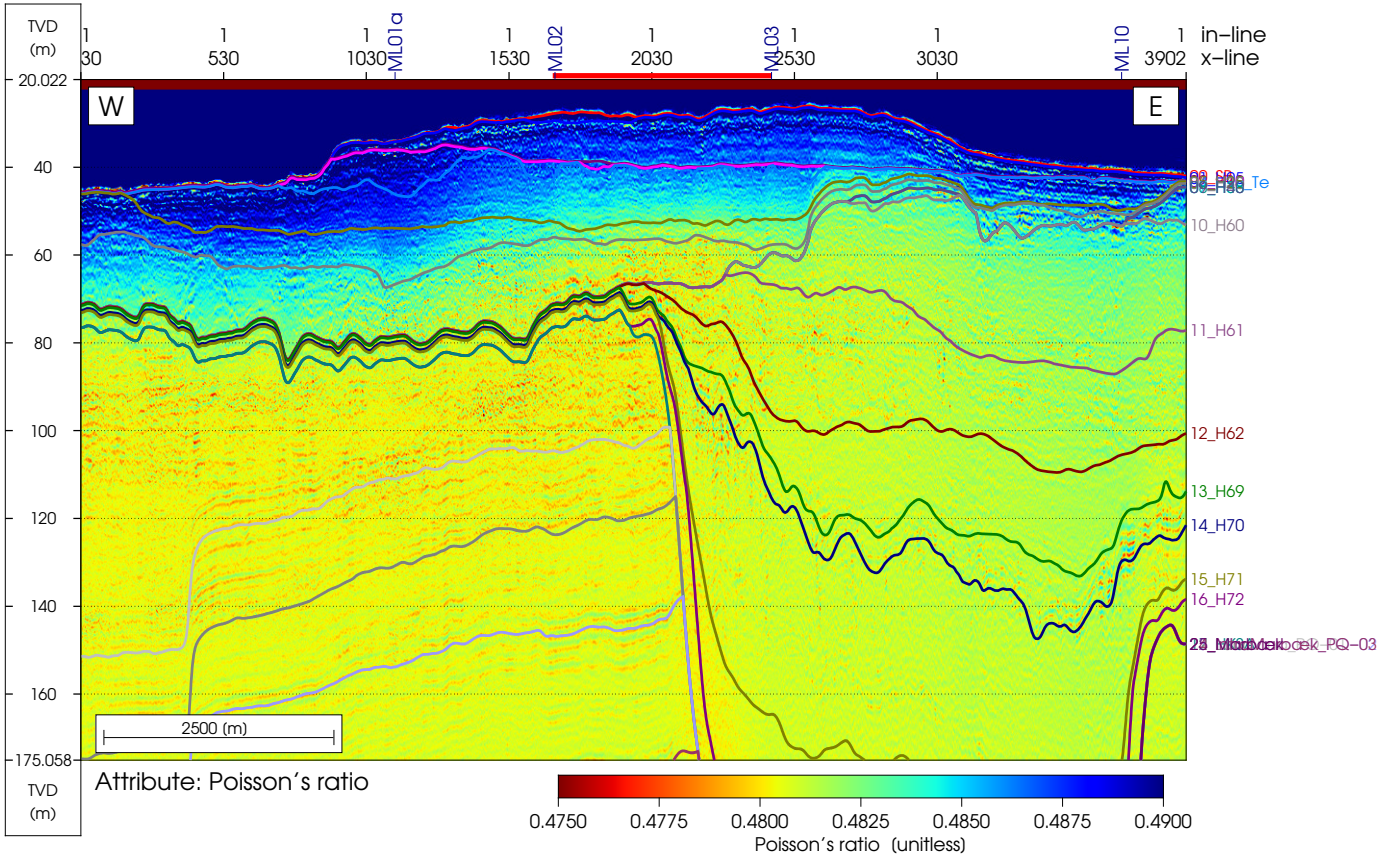




Line: **ML04 (Sparker)**
Property: **Poisson's ratio**

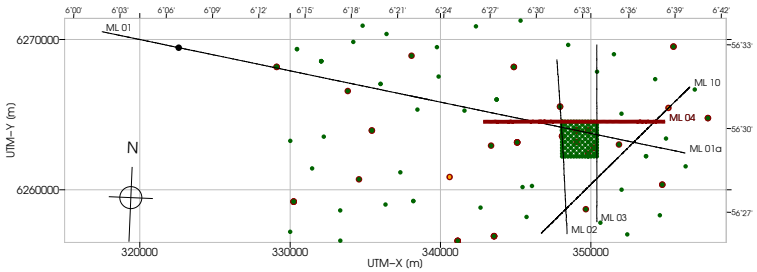
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

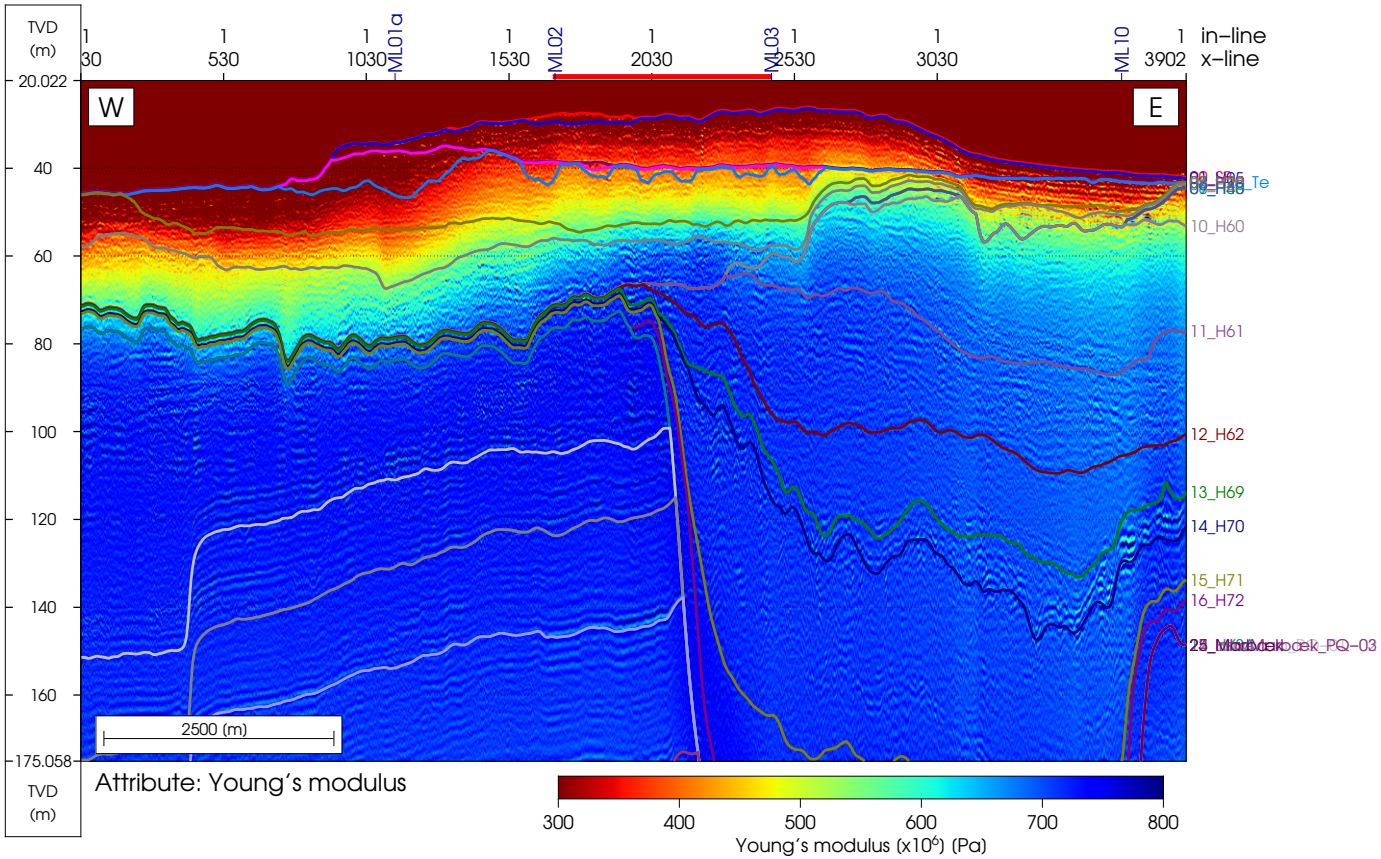




Line: **ML04 (Sparker)**
Property: **Young's modulus**

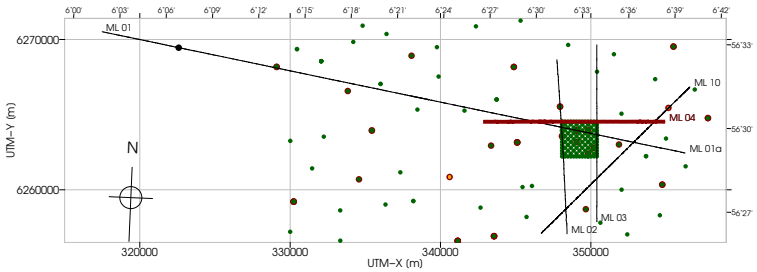
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

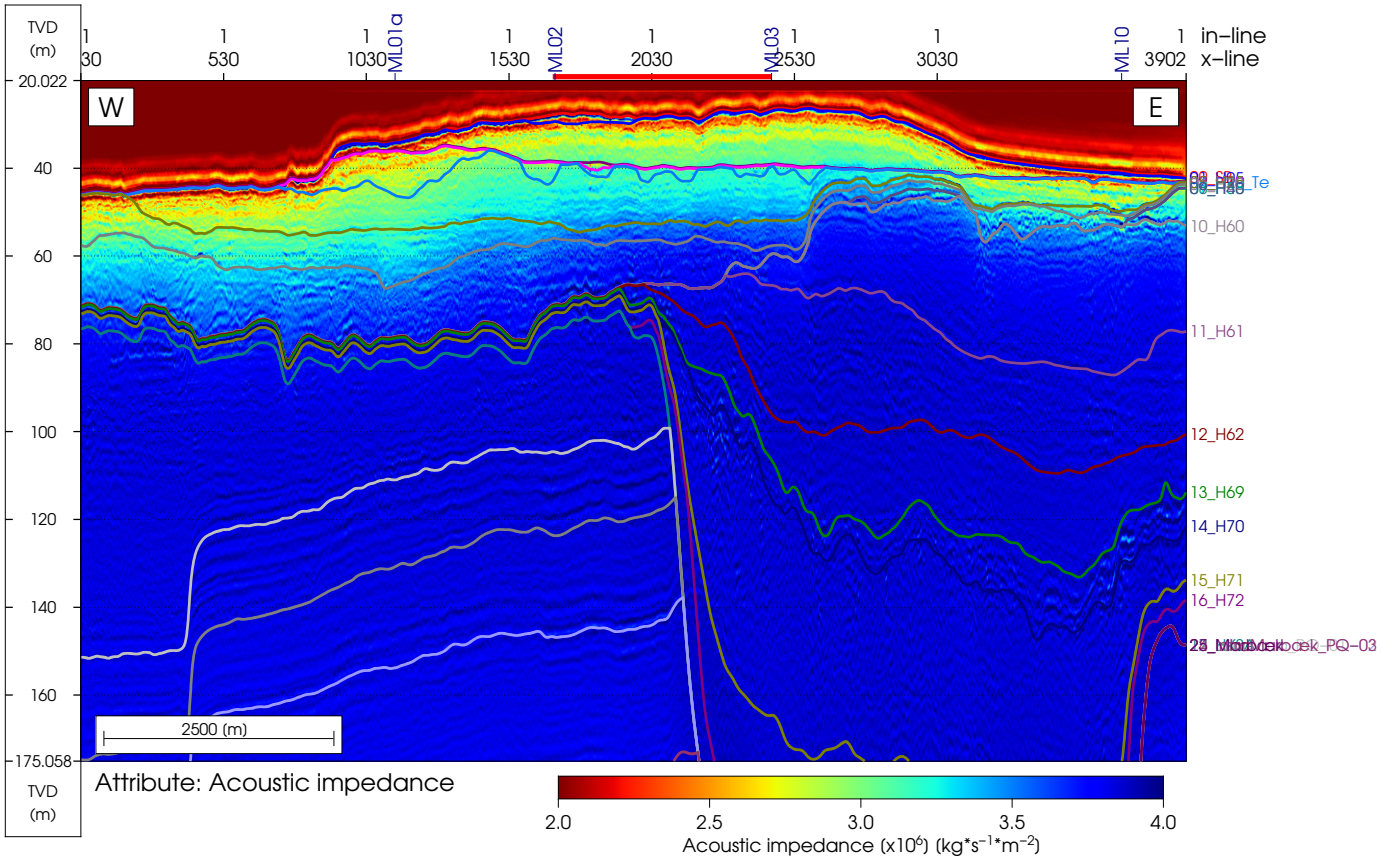




Line: **ML04 (Sparker)**
Property: **Acoustic impedance**

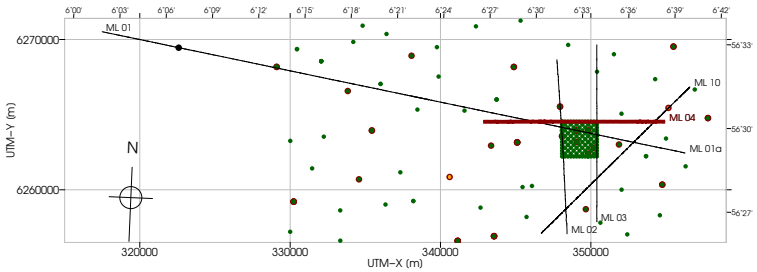
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

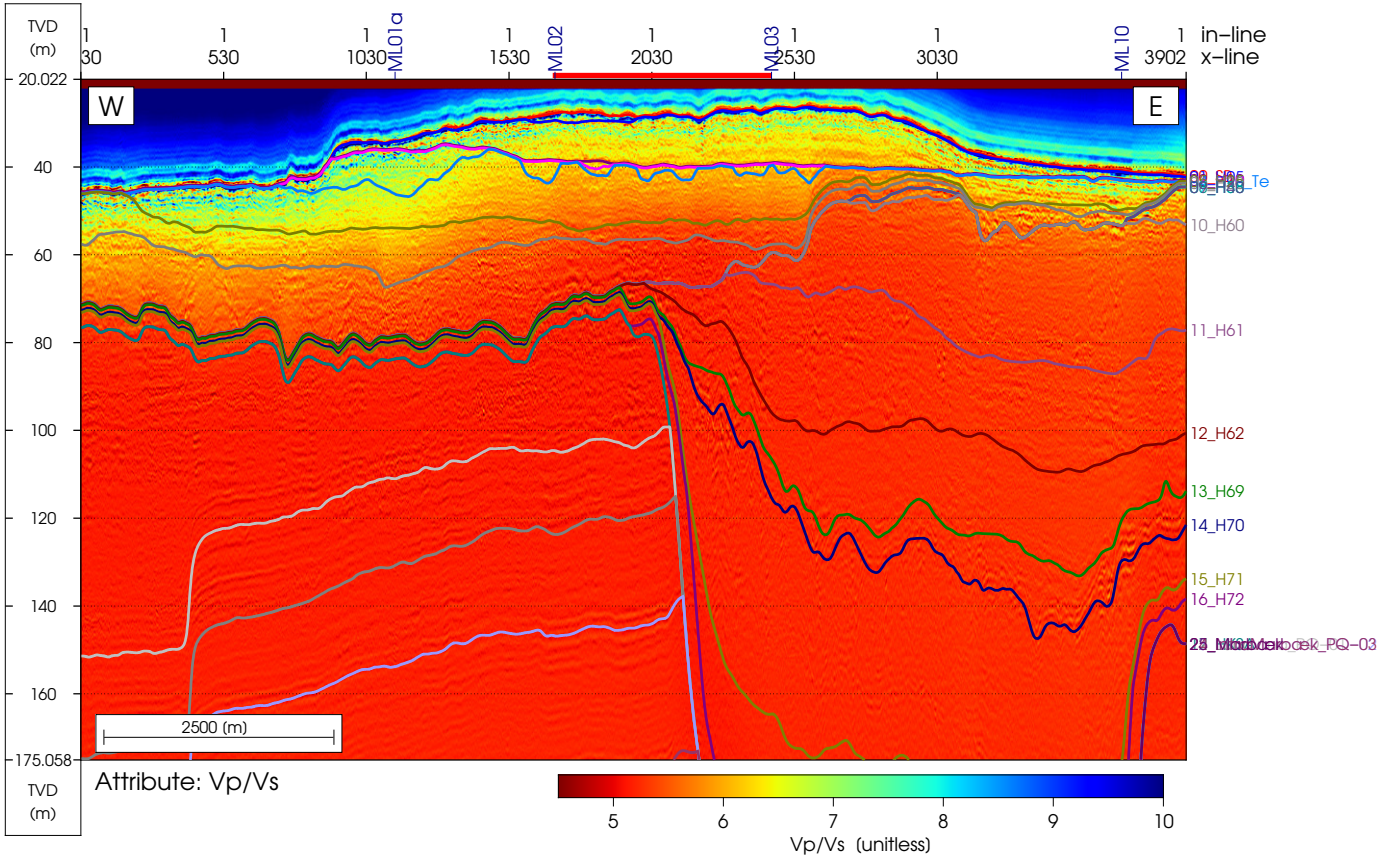




Line: **ML04 (Sparker)**
Property: **Vp/Vs**

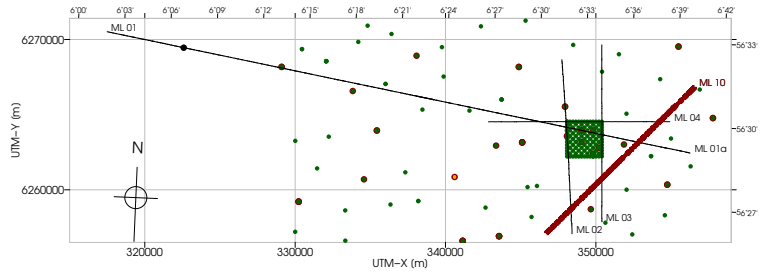
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(342838.00. 6264524.00) ⟶ (354934.63,6264533.99)
Energy Island

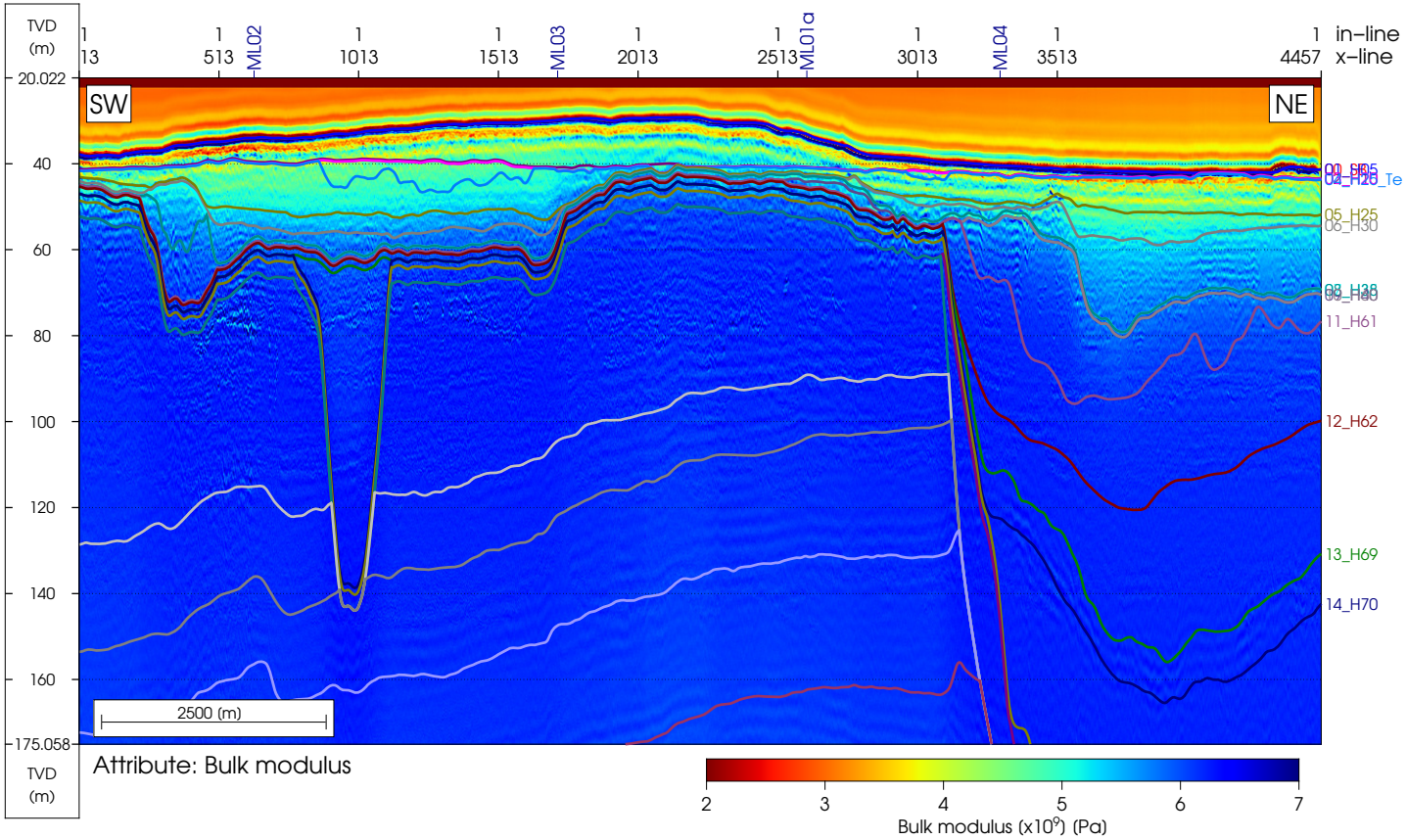




Line: **ML10 (Sparker)**
Property: **Bulk modulus**

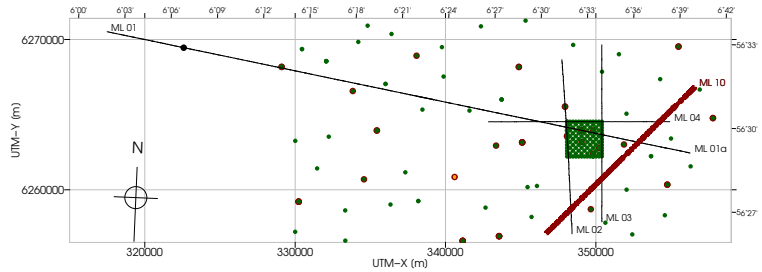
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

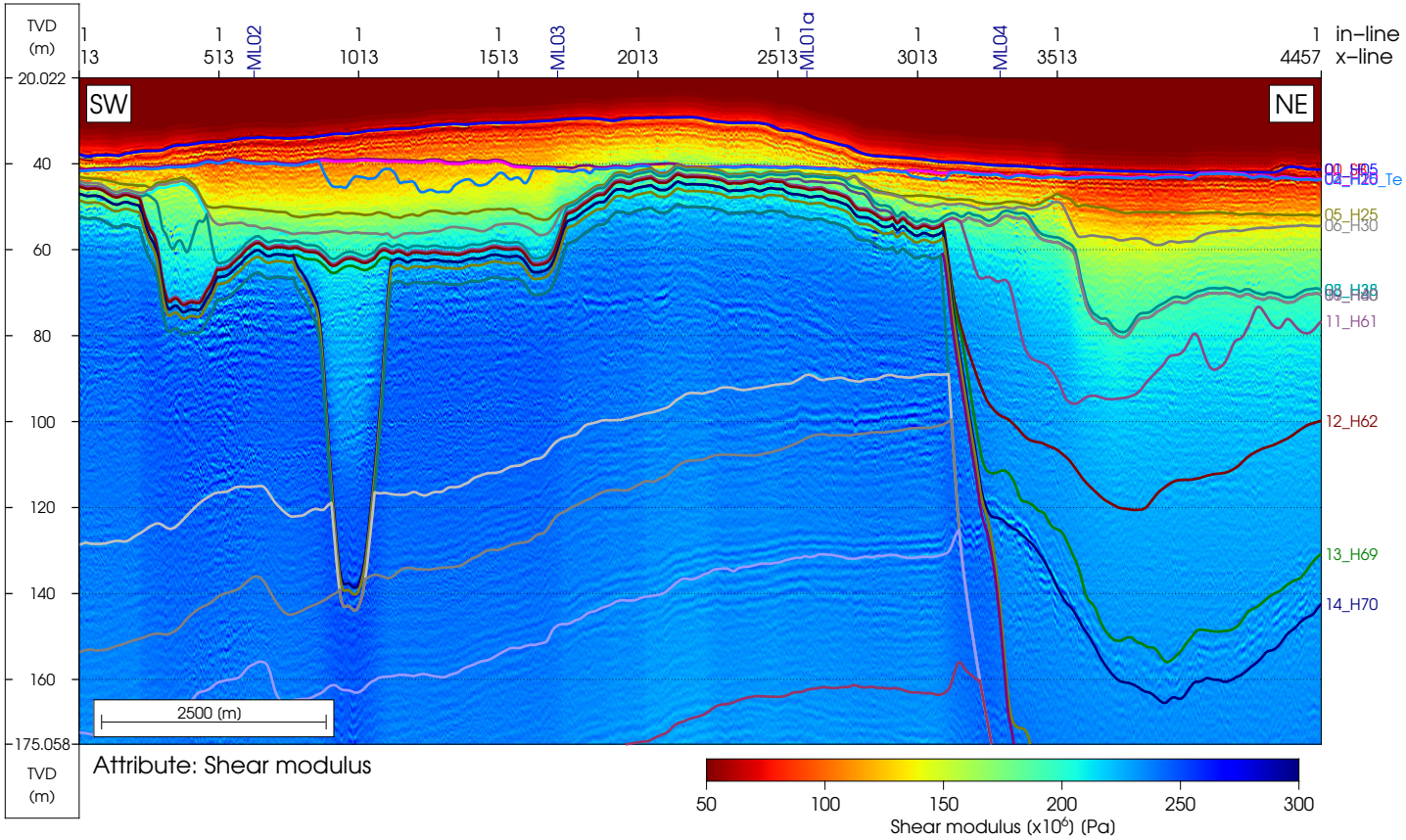




Line: **ML10 (Sparker)**
Property: **Shear modulus**

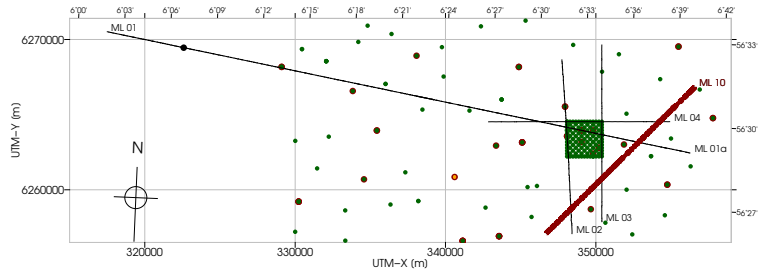
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

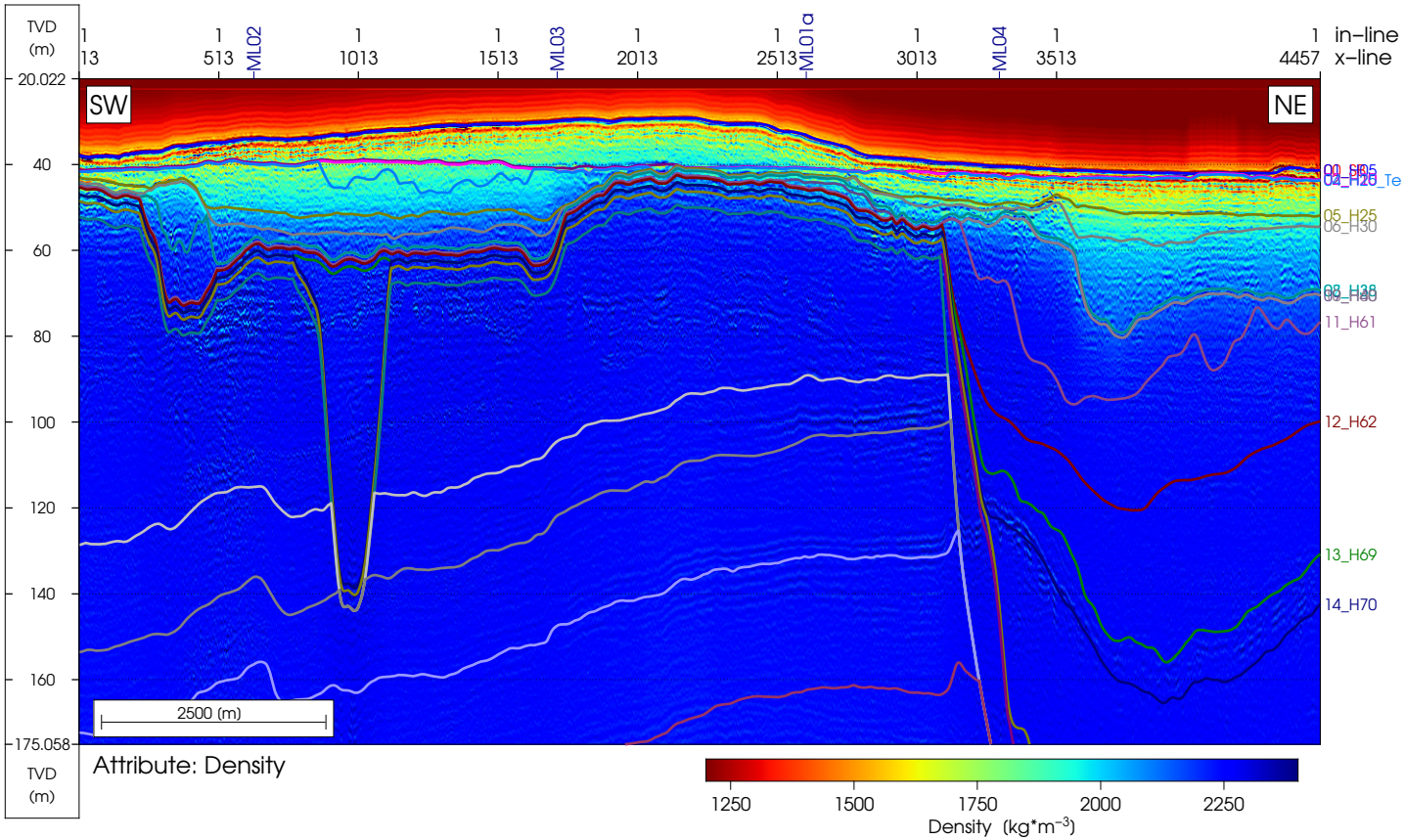




Line: **ML10 (Sparker)**
Property: **Density**

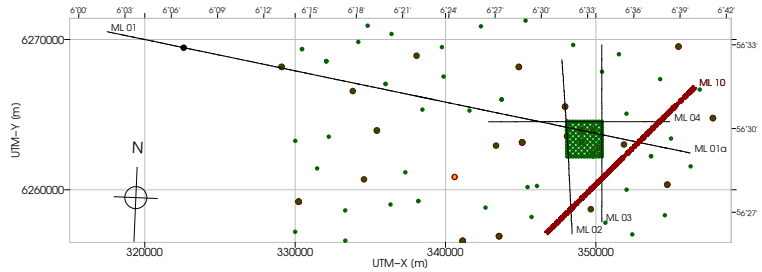
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

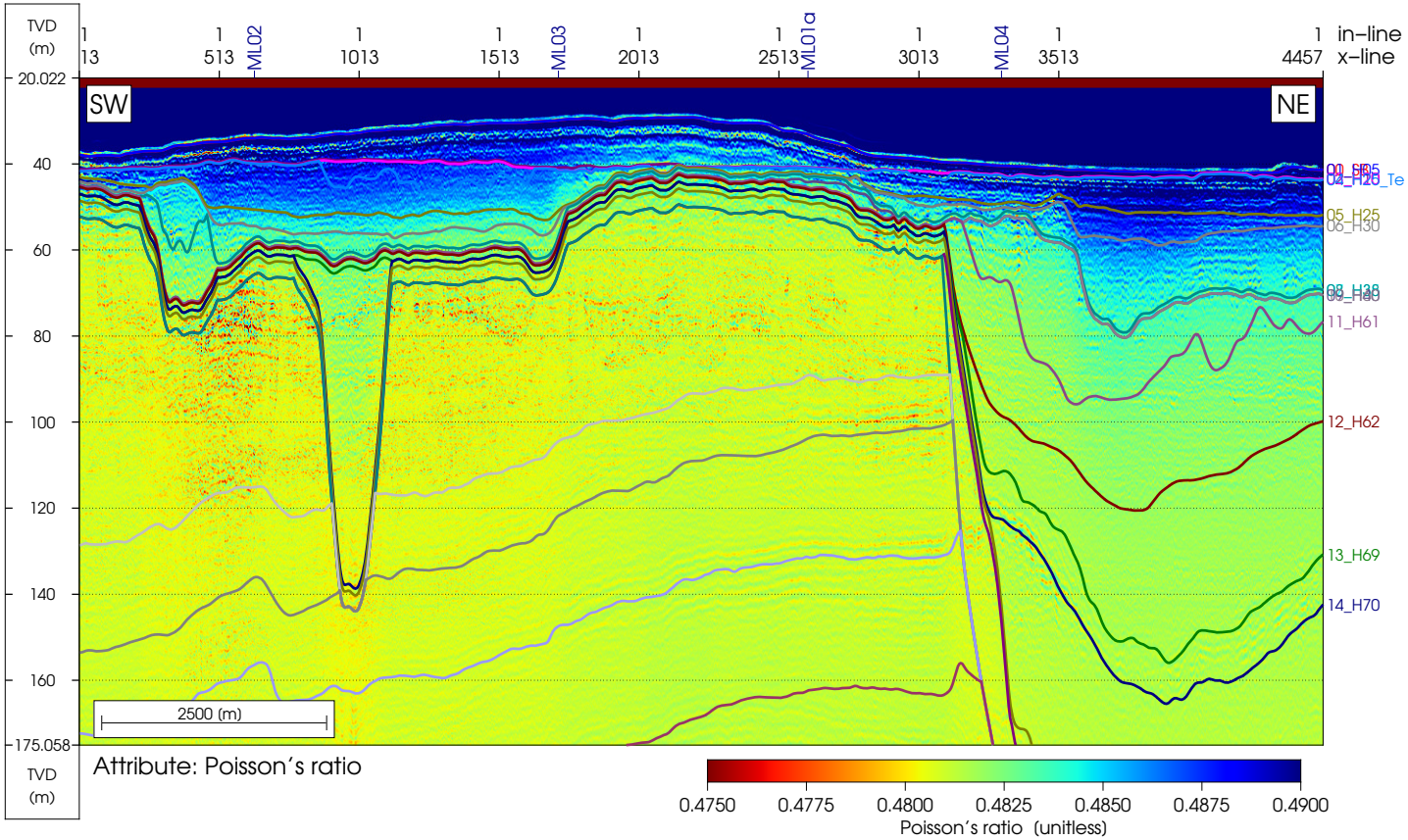




Line: **ML10 (Sparker)**
Property: **Poisson's ratio**

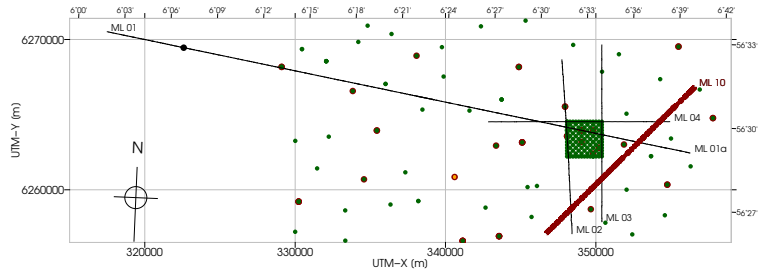
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

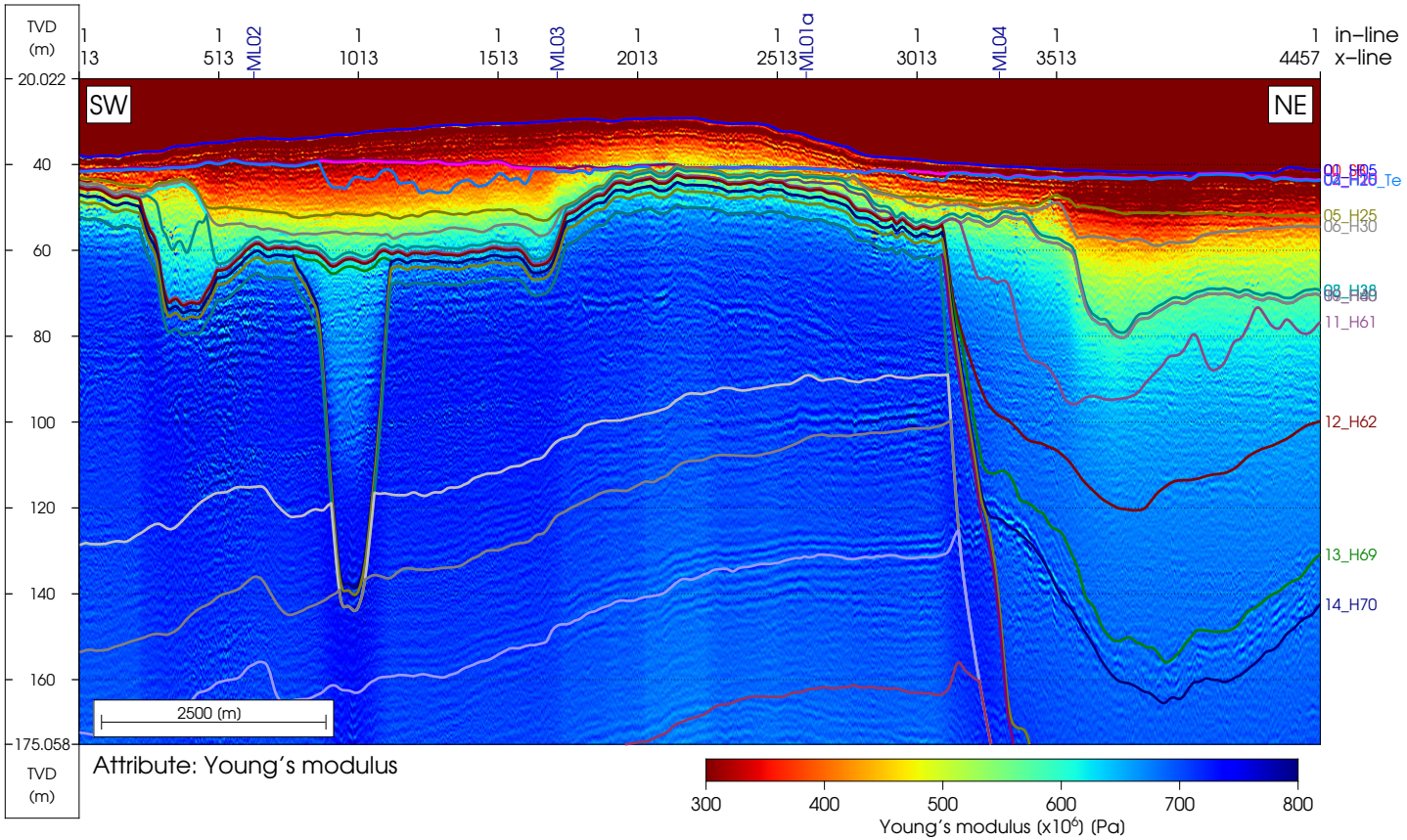




Line: **ML10 (Sparker)**
Property: **Young's modulus**

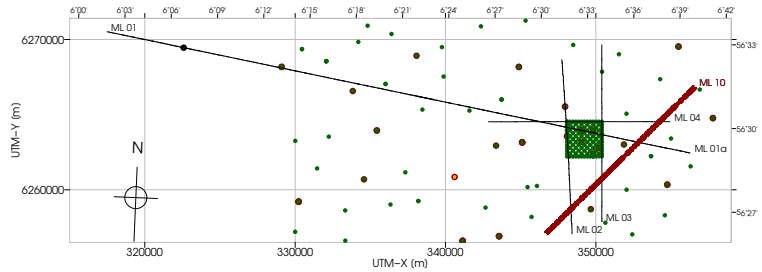
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

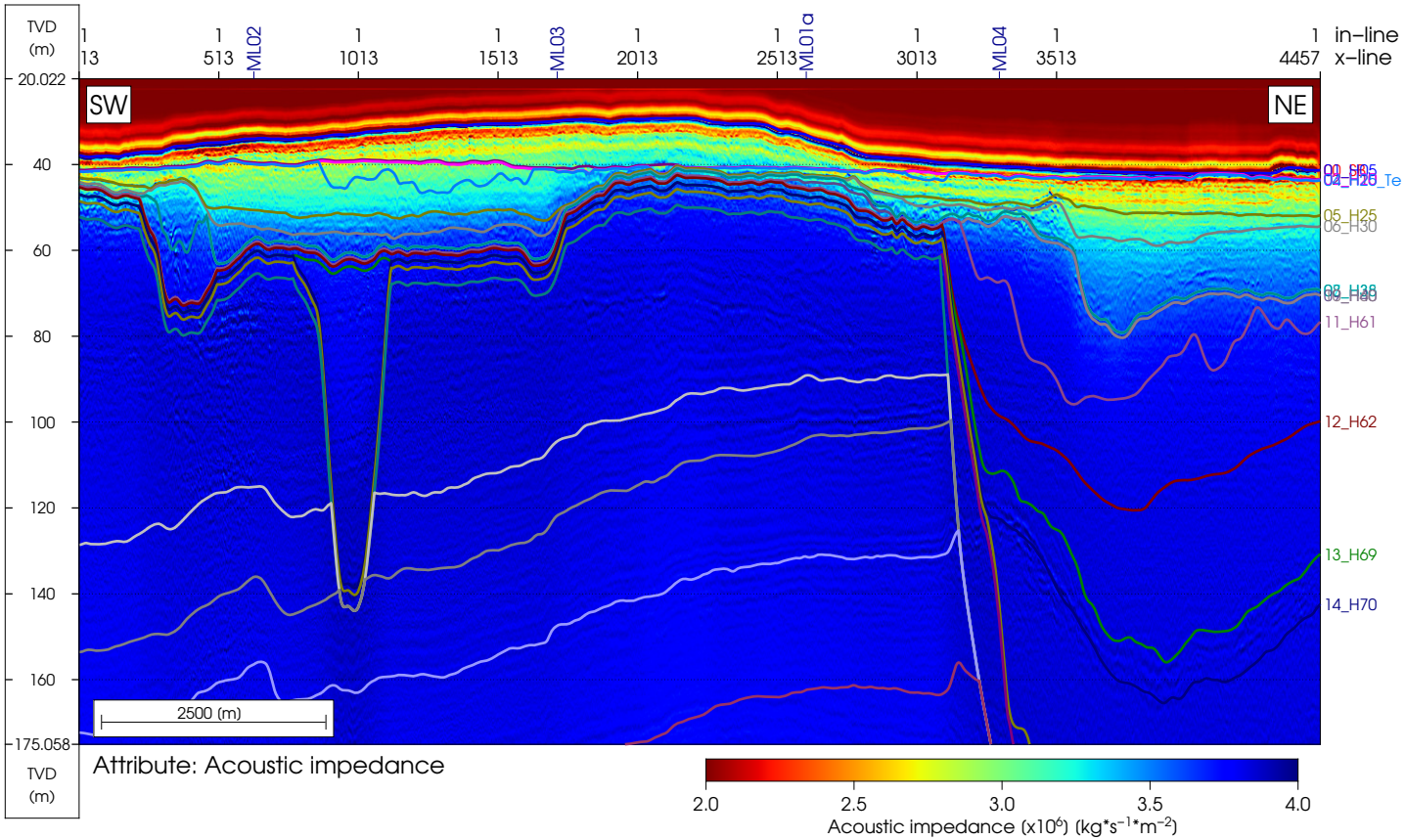




Line: **ML10 (Sparker)**
Property: **Acoustic impedance**

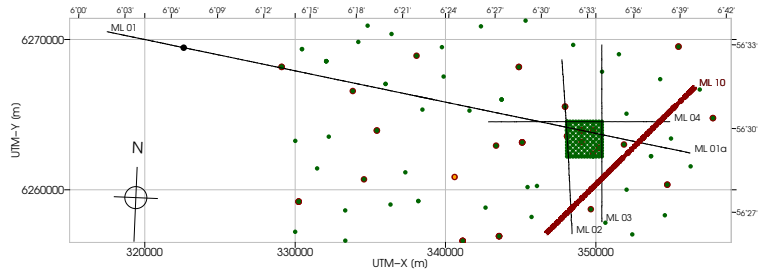
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

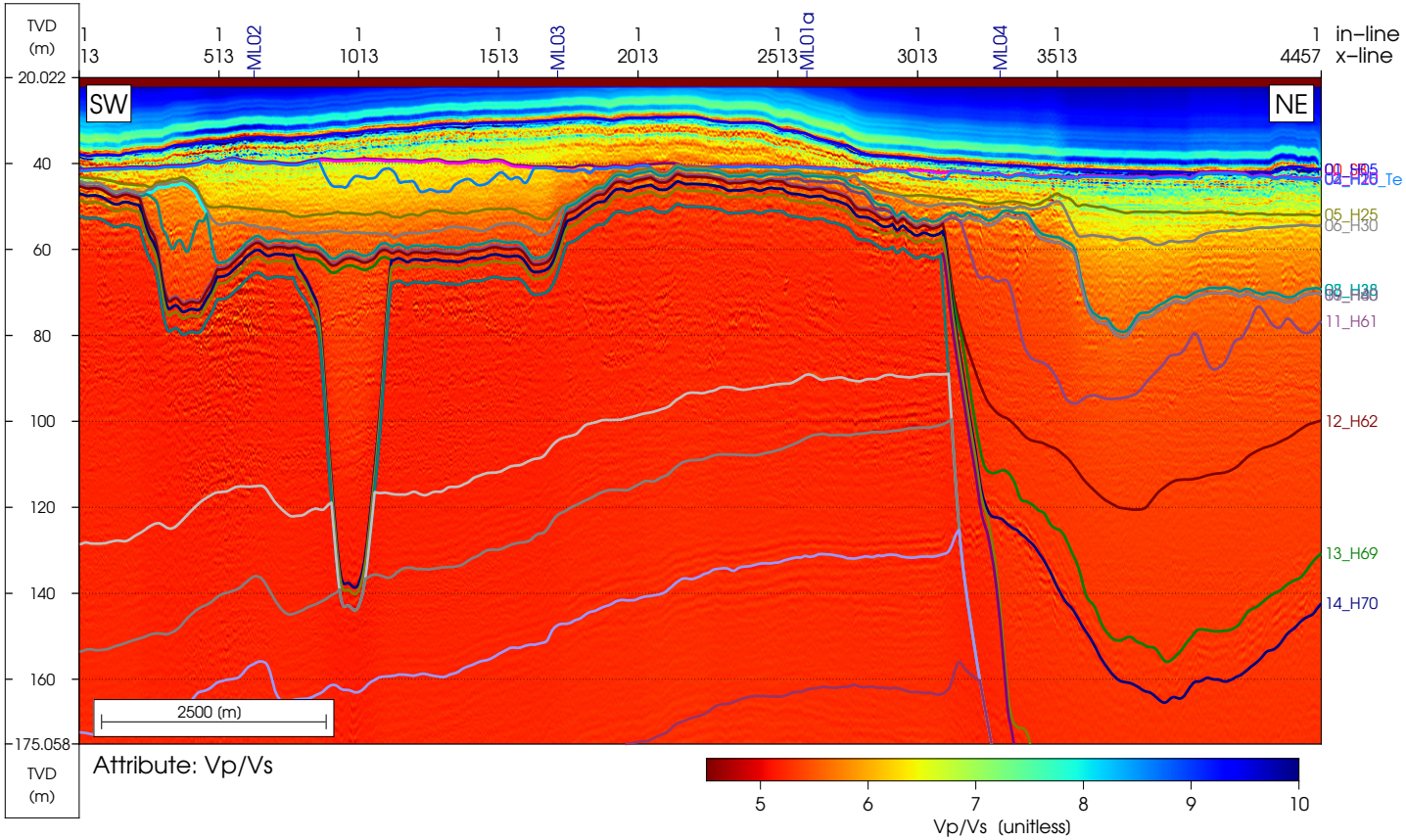




Line: **ML10 (Sparker)**
Property: **Vp/Vs**

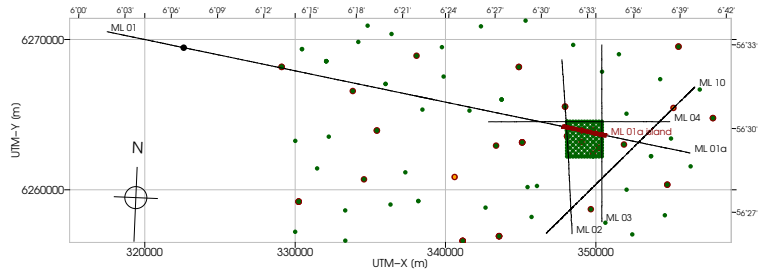
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(346693.00. 6257098.00) ⟶ (356584.32,6266843.42)

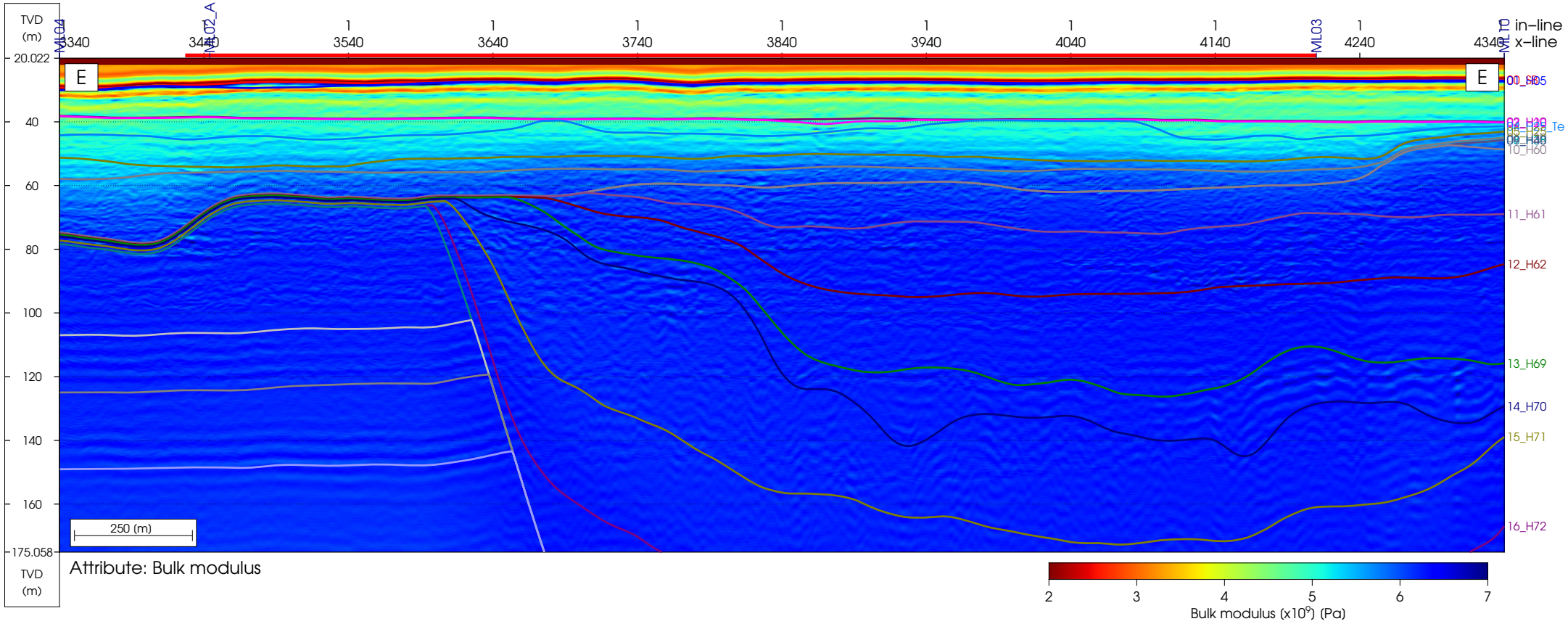




Line: **ML01a (Sparker)**, zoomed
Property: **Bulk modulus**

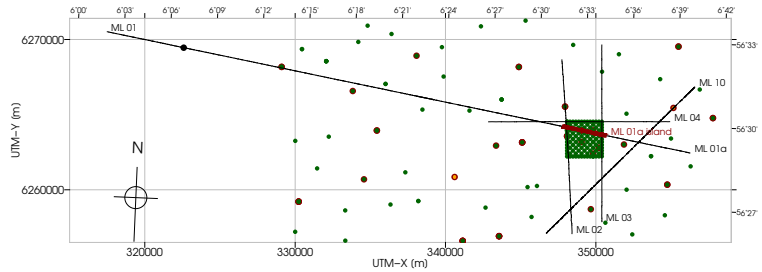
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

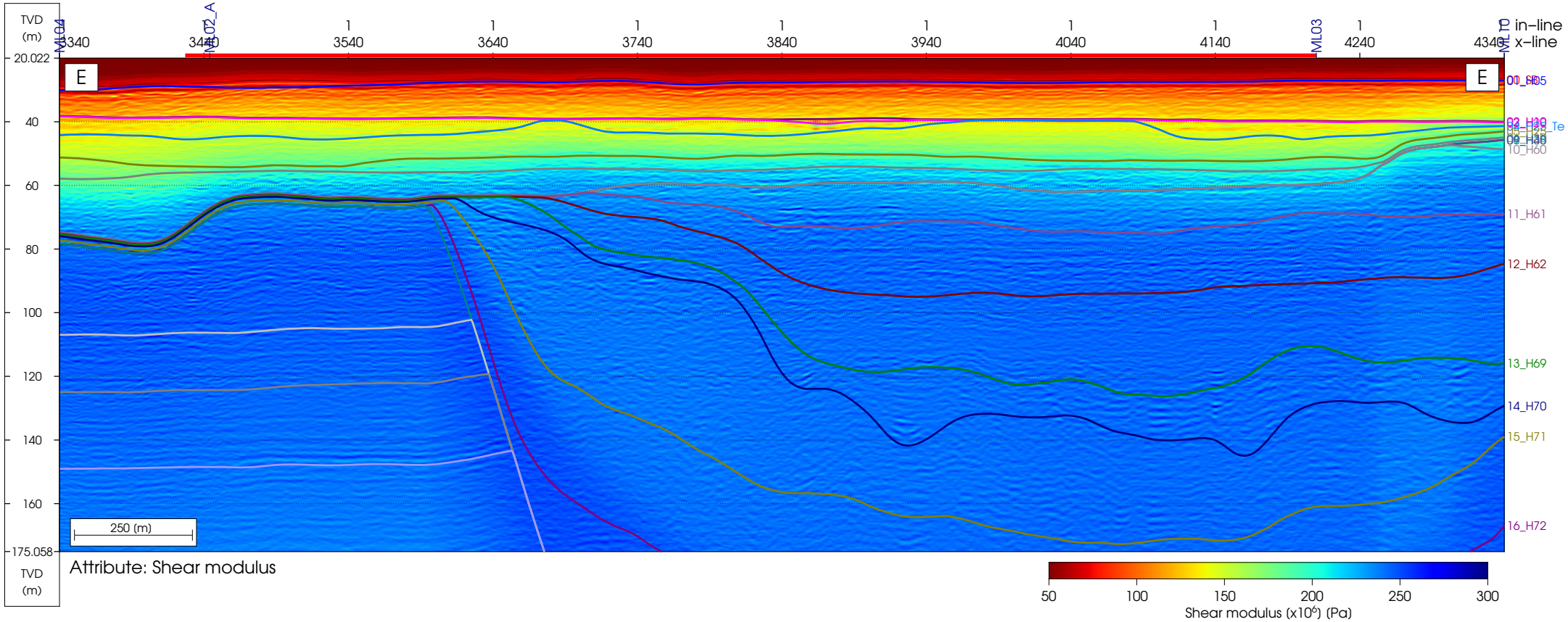




Line: **ML01a (Sparker)**, zoomed
Property: **Shear modulus**

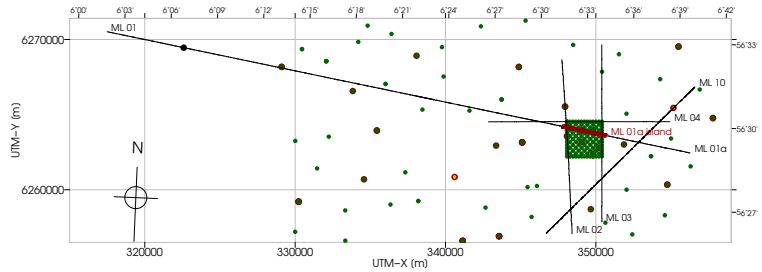
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

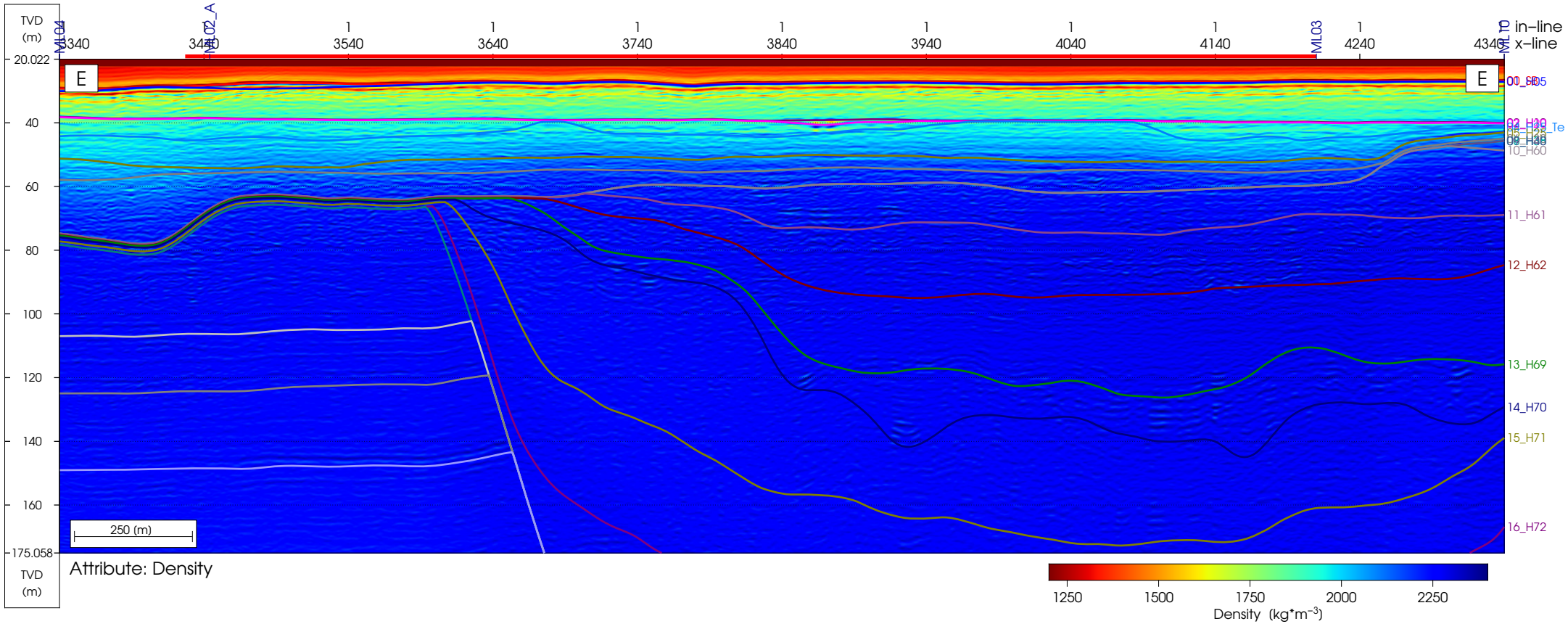




Line: **ML01a (Sparker)**, zoomed
Property: **Density**

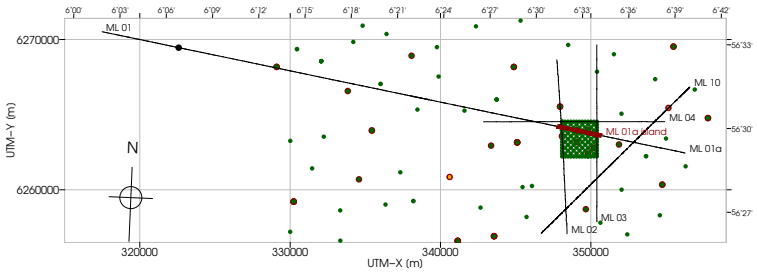
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

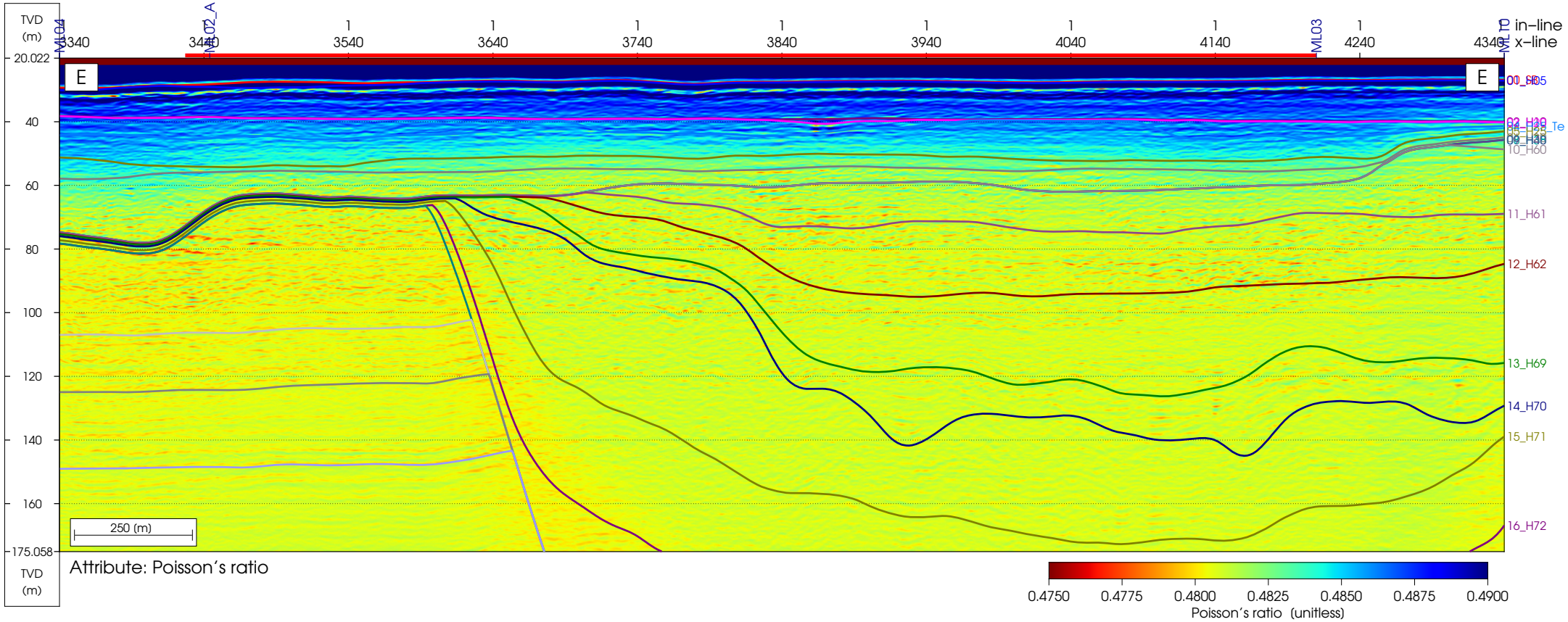




Line: **ML01a (Sparker)**, zoomed
Property: **Poisson's ratio**

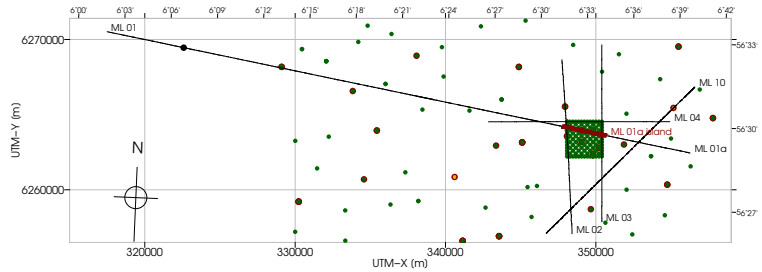
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

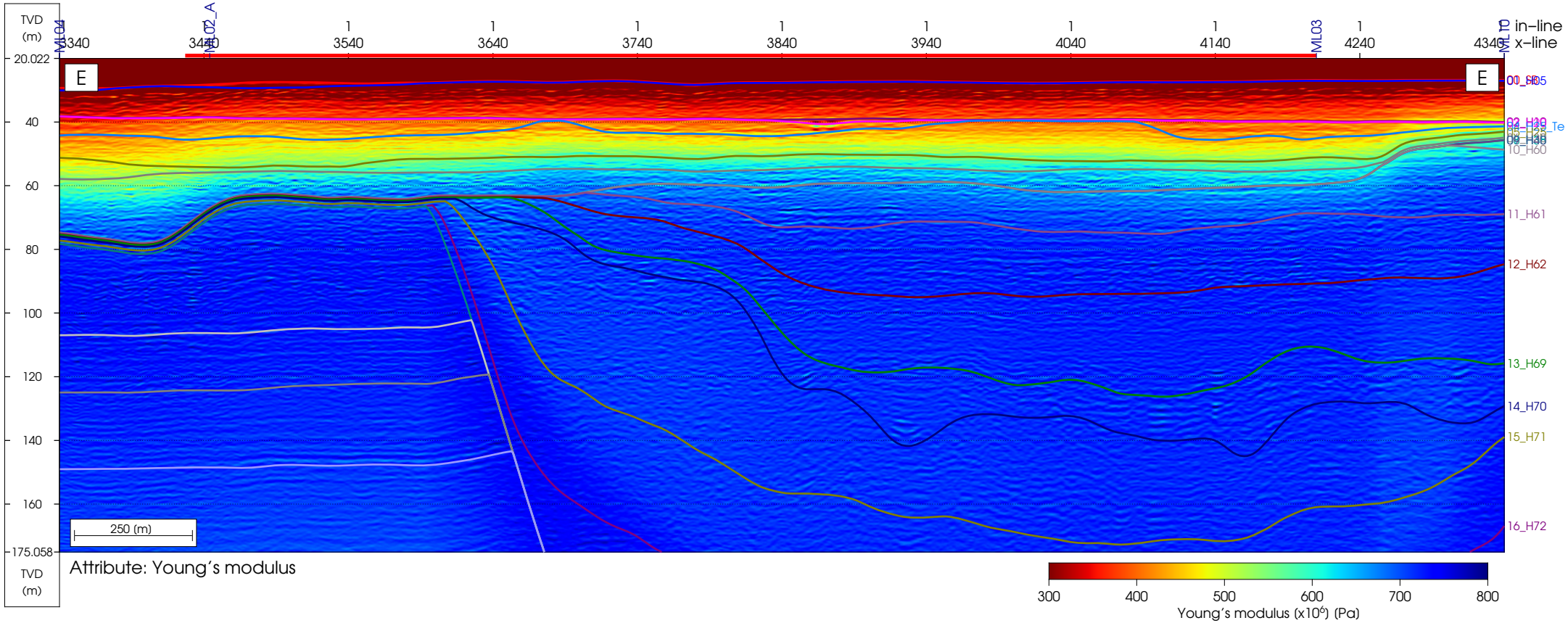




Line: **ML01a (Sparker)**, zoomed
Property: **Young's modulus**

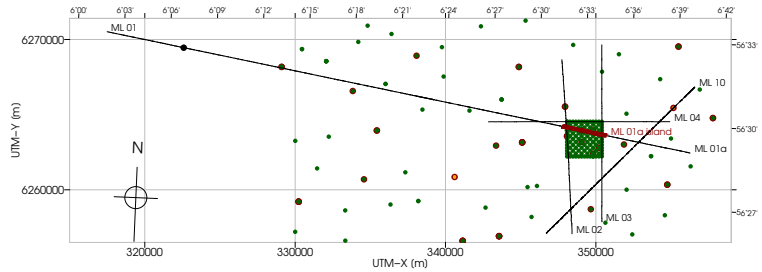
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

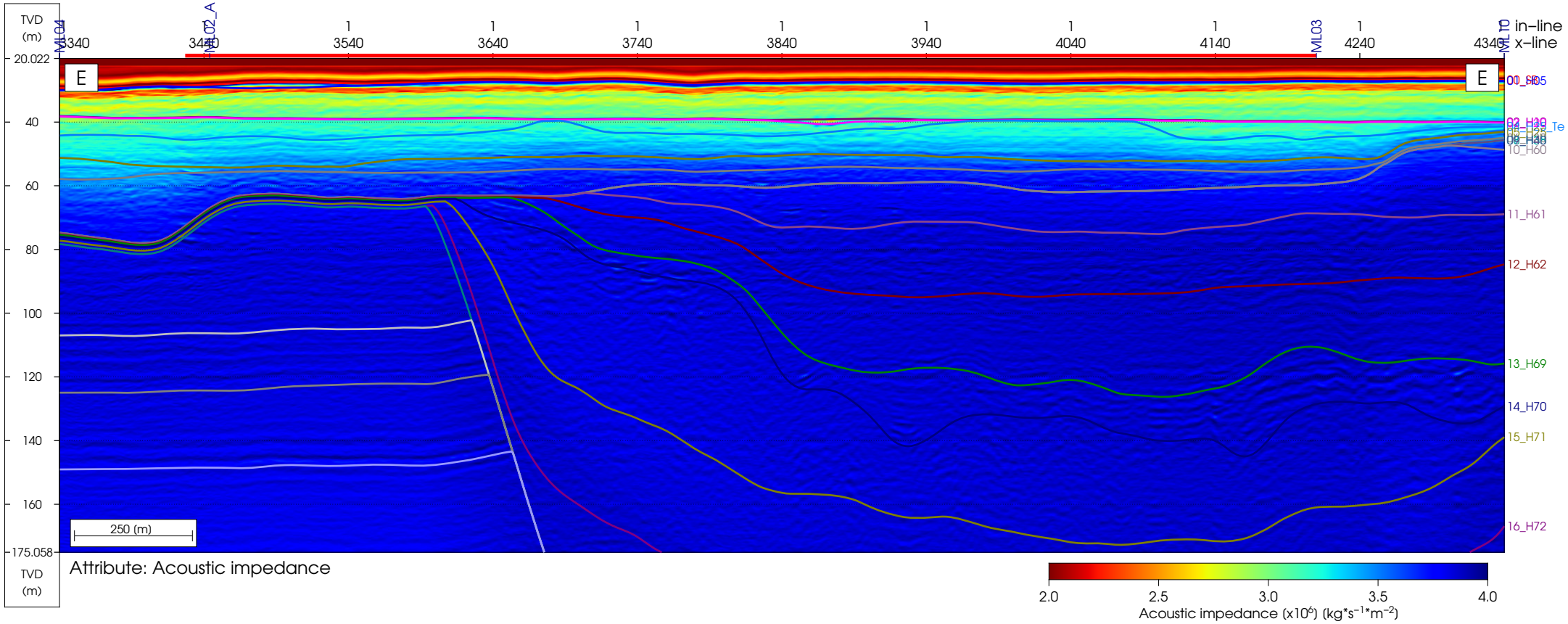




Line: **ML01a (Sparker)**, zoomed
Property: **Acoustic impedance**

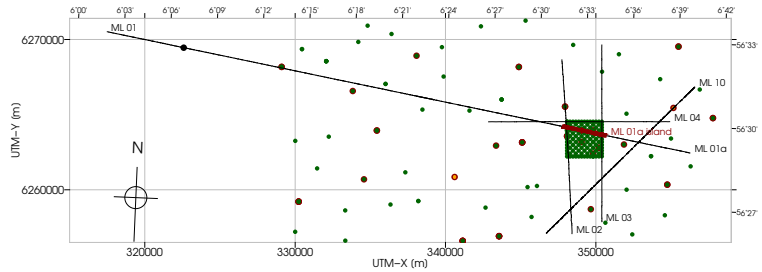
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

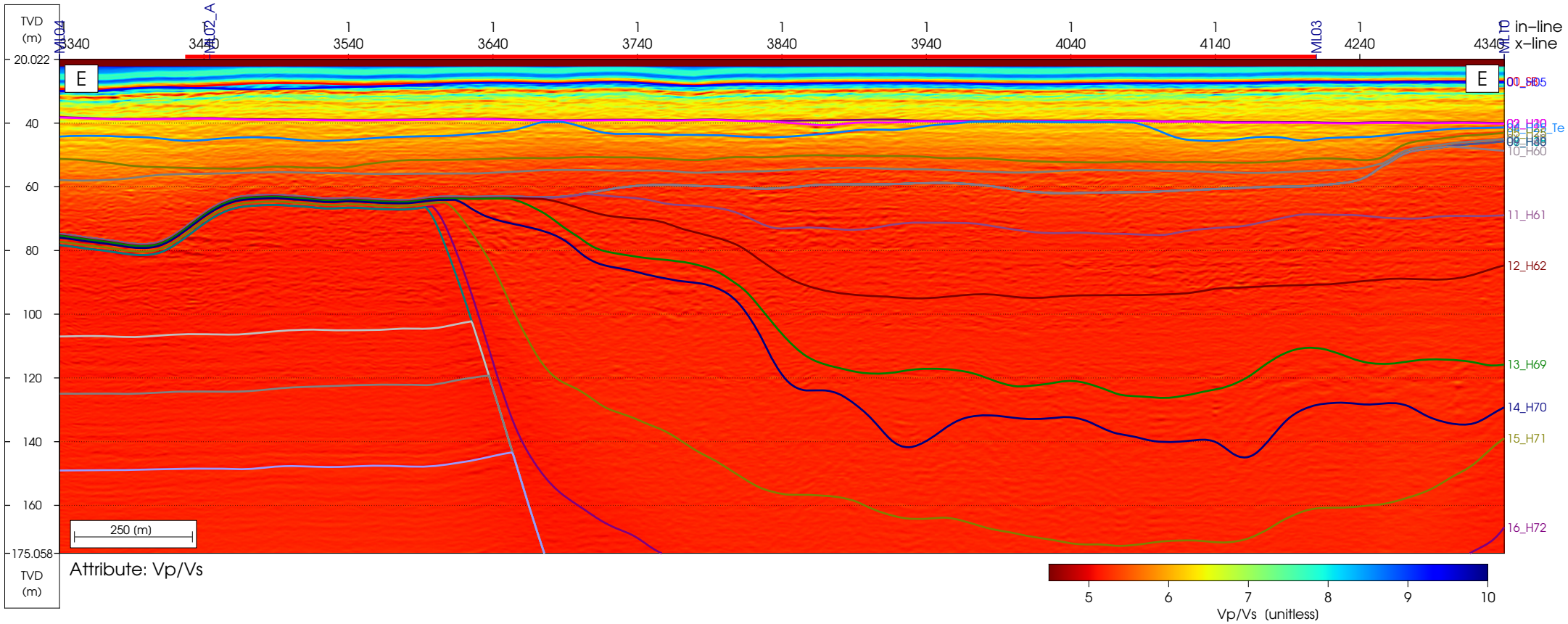




Line: **ML01a (Sparker)**, zoomed
Property: **Vp/Vs**

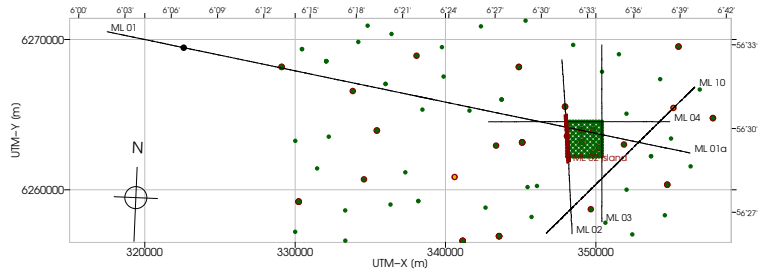
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347734.96, 6264219.36) ⟶ (350794.03, 6263582.51)
Energy Island

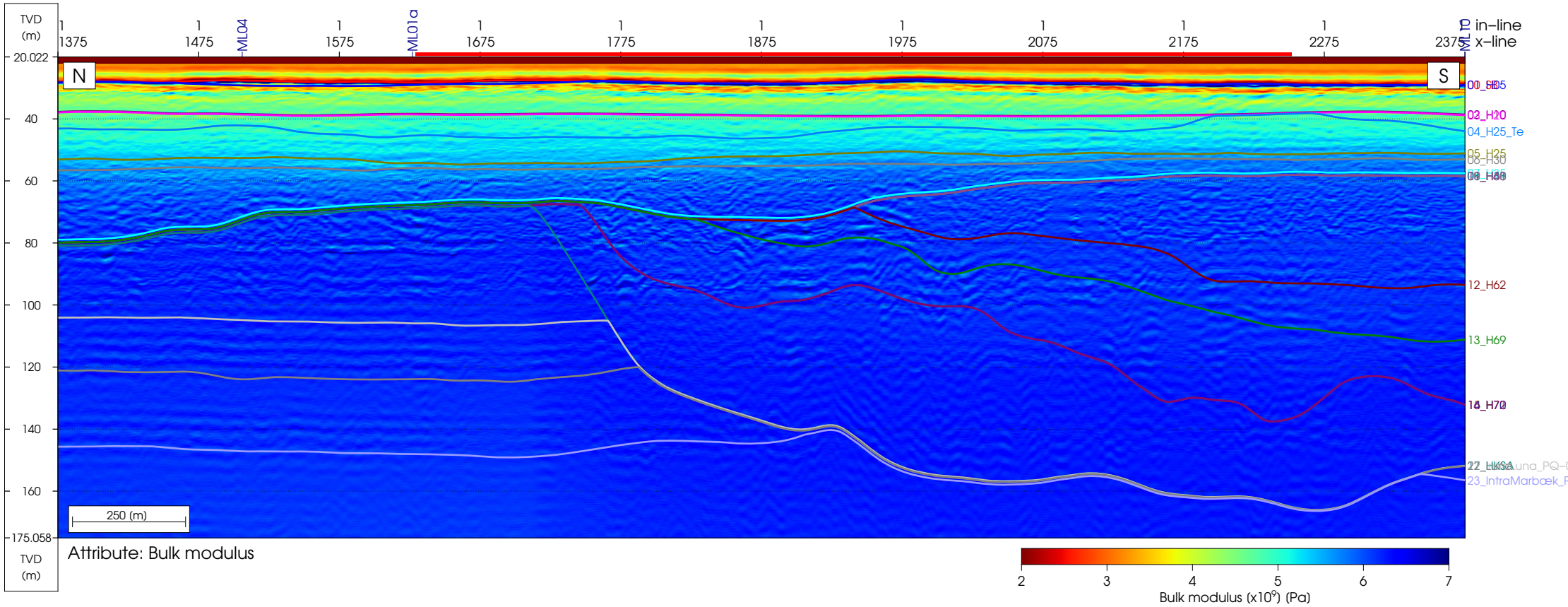




Line: **ML02 (Sparker)**, zoomed
Property: **Bulk modulus**

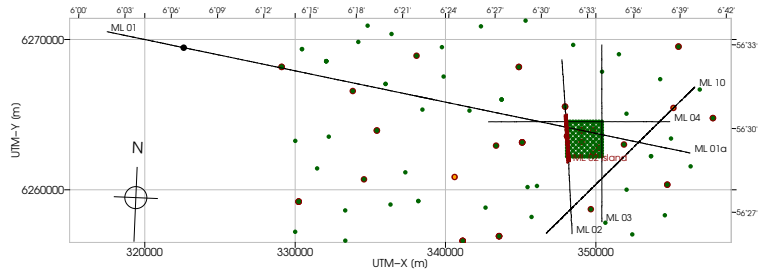
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

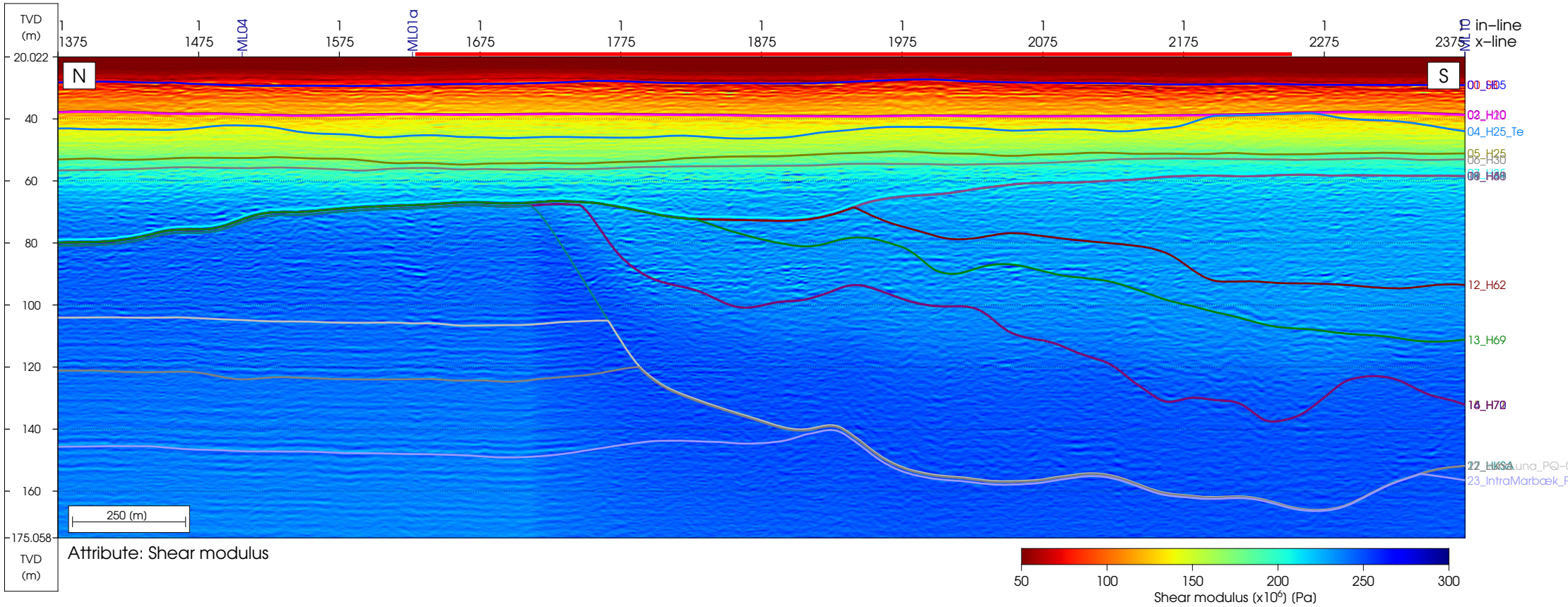




Line: **ML02 (Sparker)**, zoomed
Property: **Shear modulus**

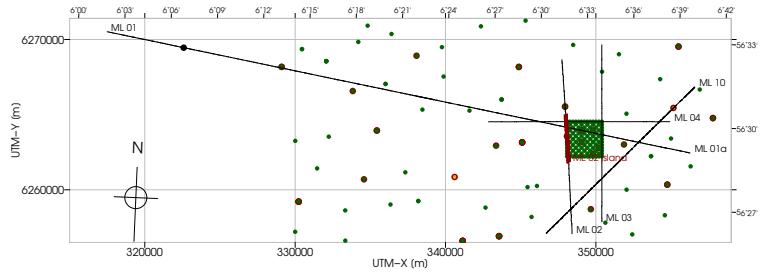
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

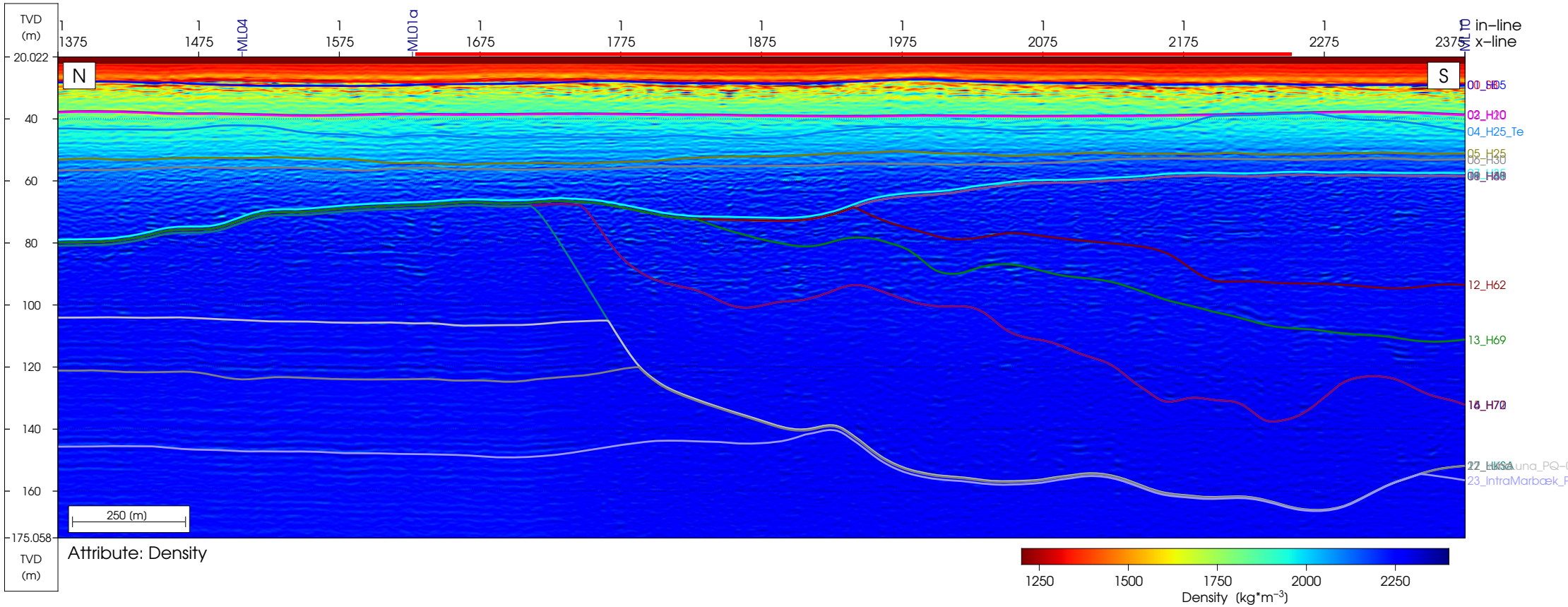




Line: **ML02 (Sparker)**, zoomed
Property: **Density**

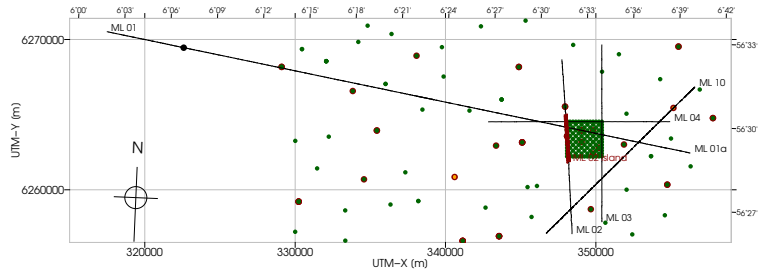
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

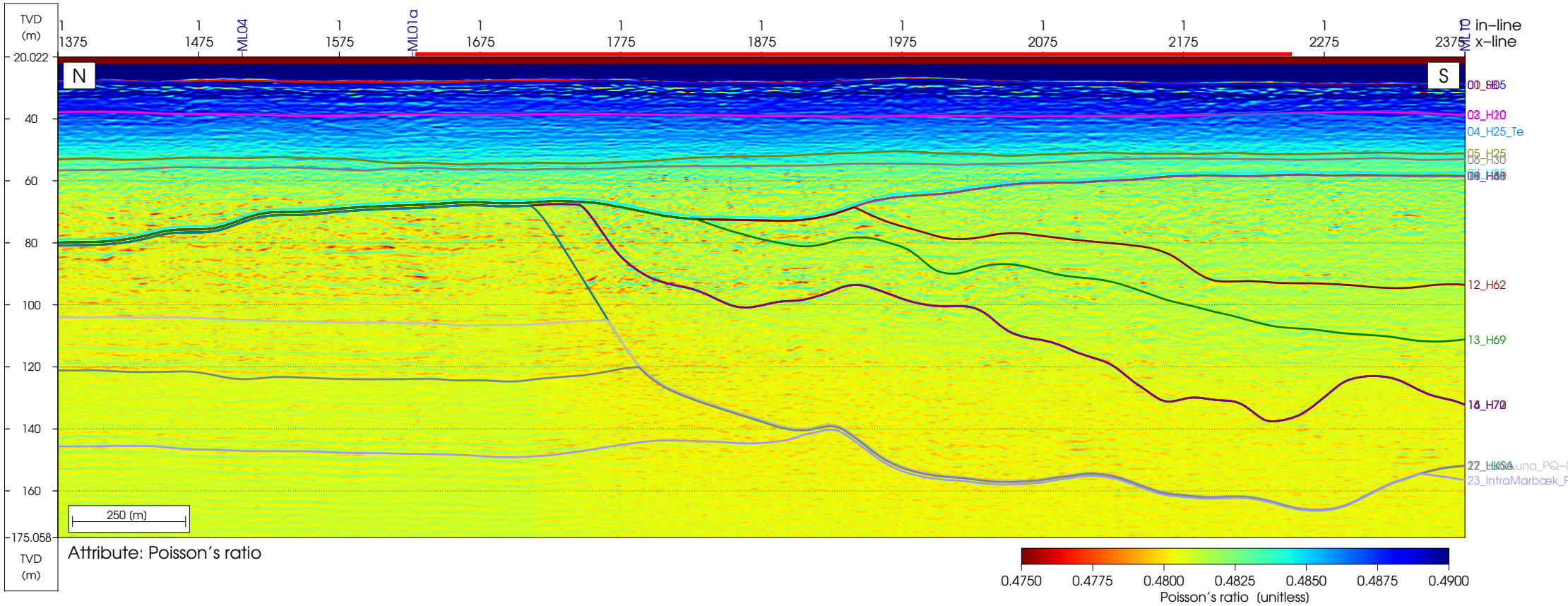




Line: **ML02 (Sparker)**, zoomed
Property: **Poisson's ratio**

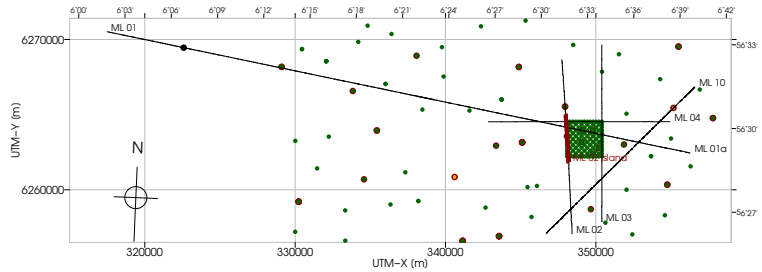
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

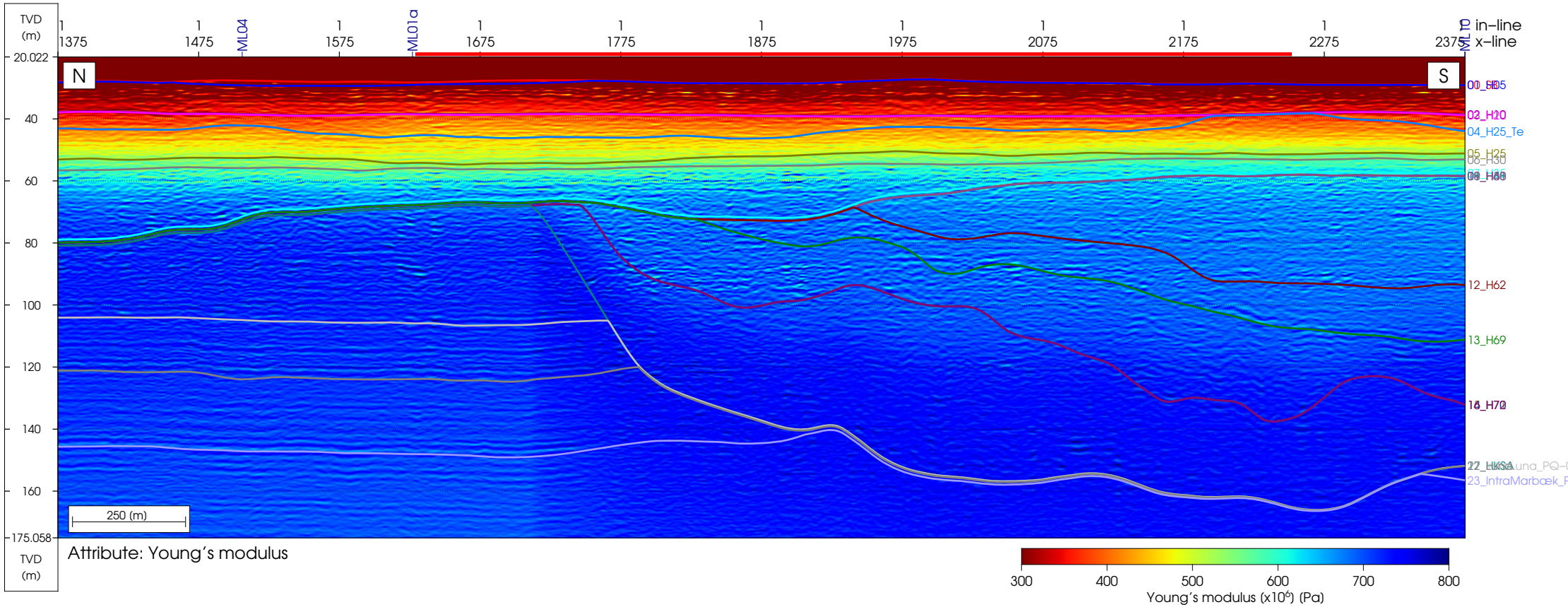




Line: **ML02 (Sparker)**, zoomed
Property: **Young's modulus**

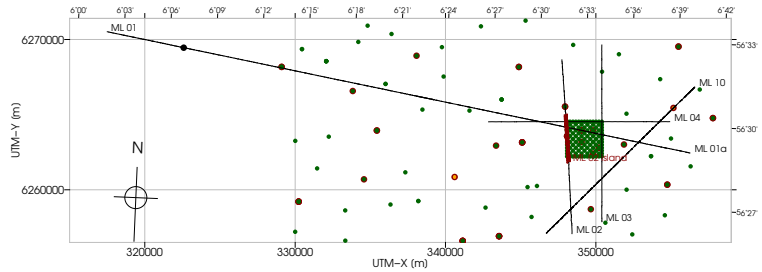
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

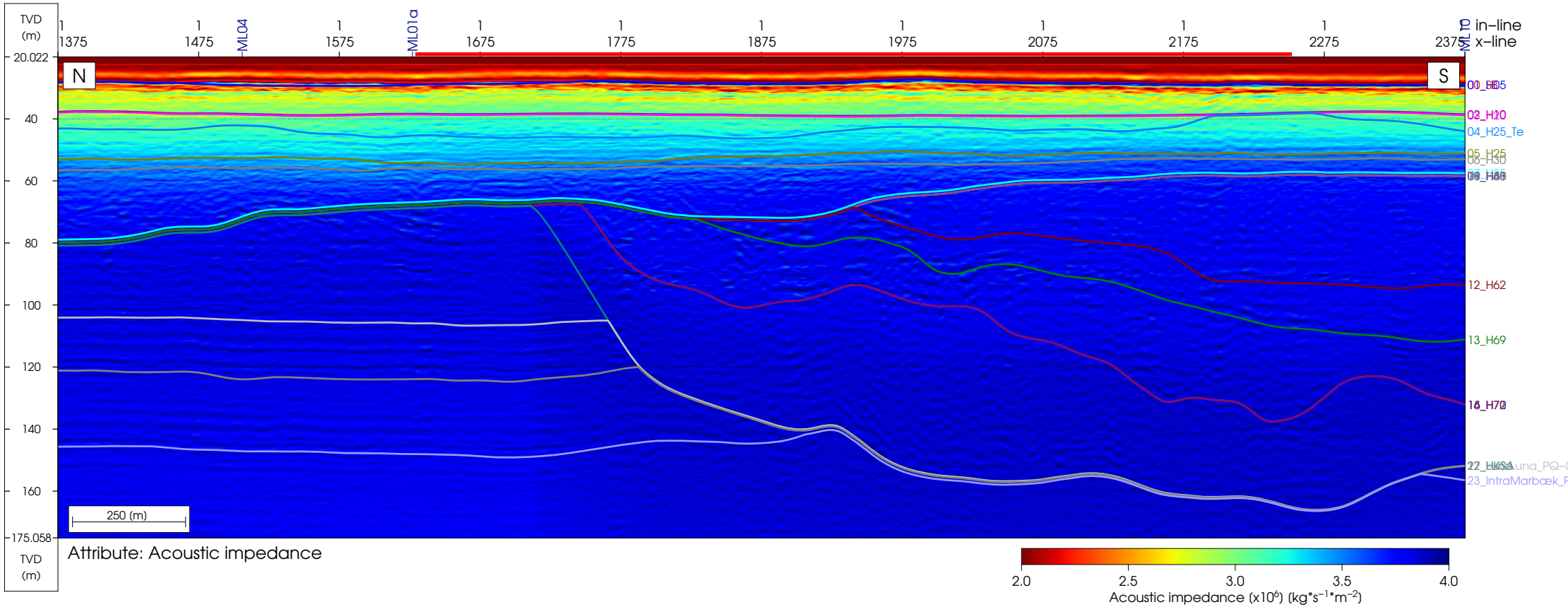




Line: **ML02 (Sparker)**, zoomed
Property: **Acoustic impedance**

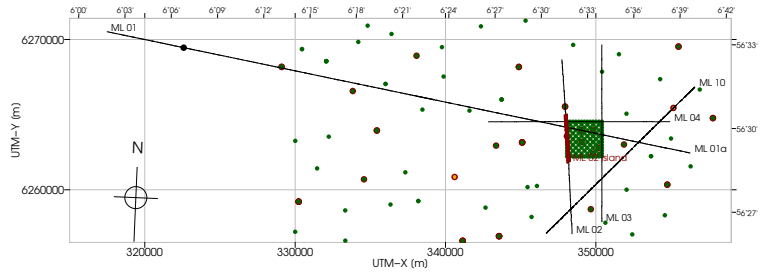
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

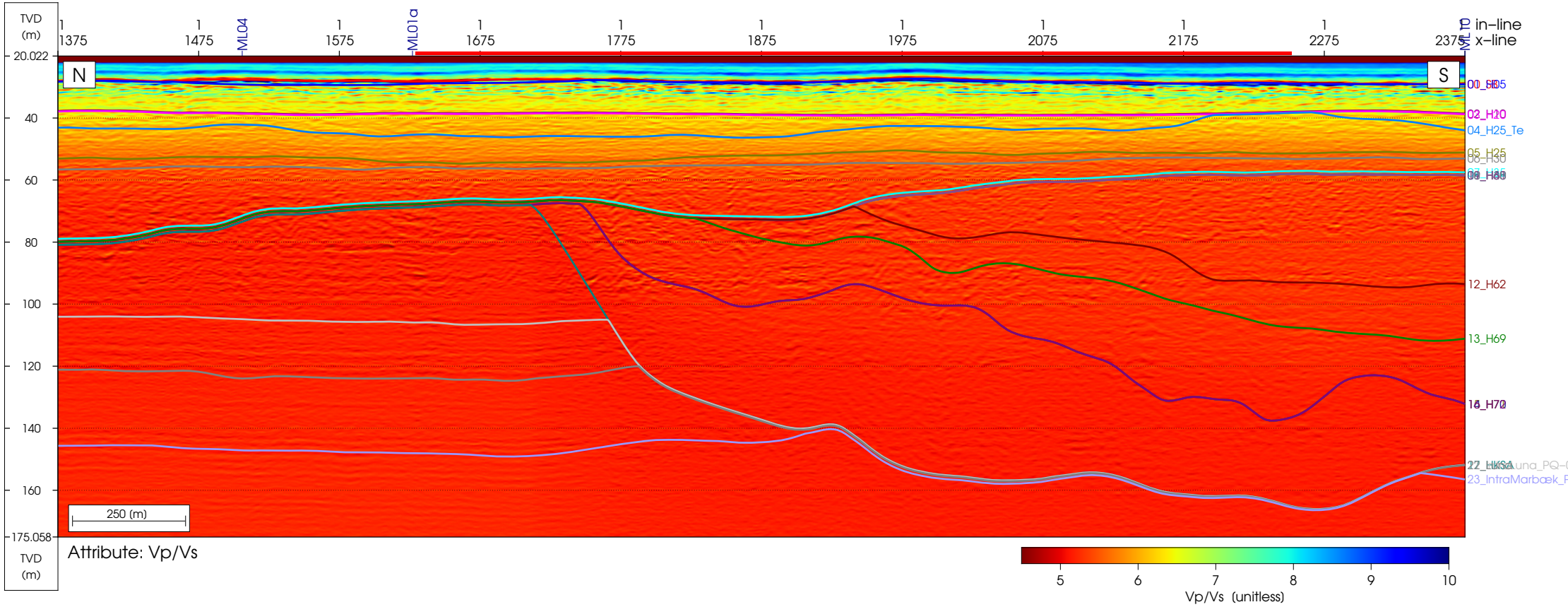




Line: **ML02 (Sparker)**, zoomed
Property: **Vp/Vs**

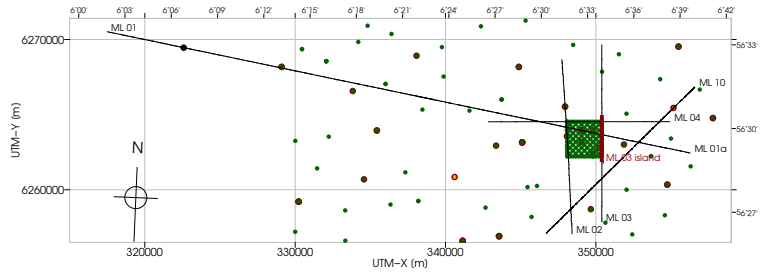
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347954.19, 6264945.49) ⟶ (348134.50, 6261835.80)
Energy Island

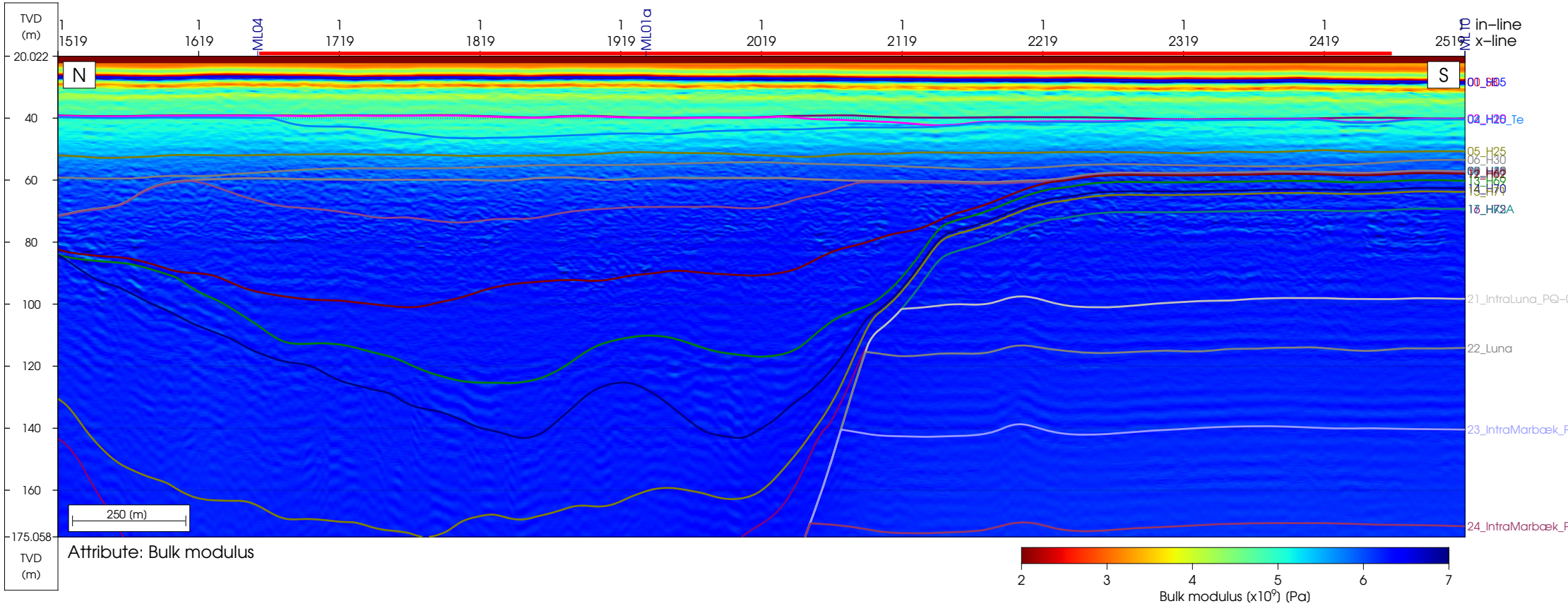




Line: **ML03 (Sparker)**, zoomed
Property: **Bulk modulus**

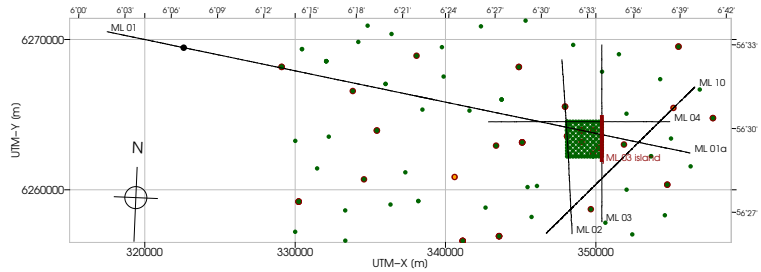
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

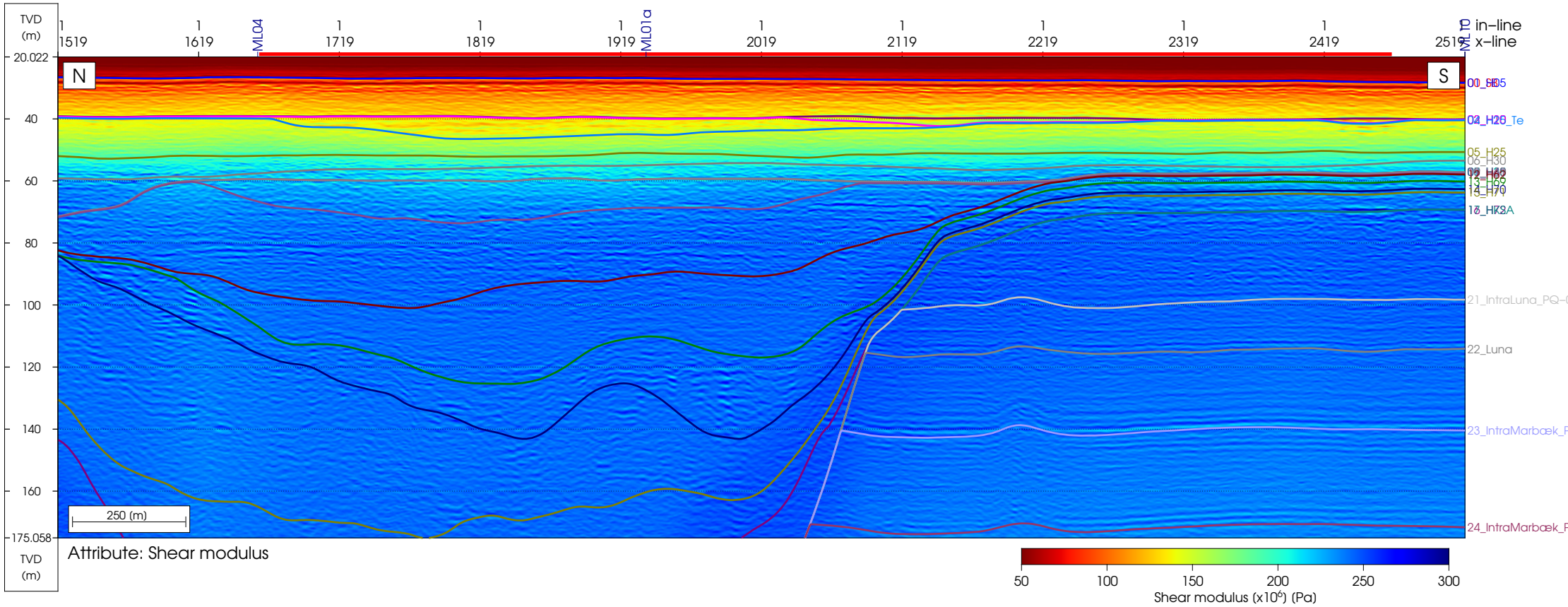




Line: **ML03 (Sparker)**, zoomed
Property: **Shear modulus**

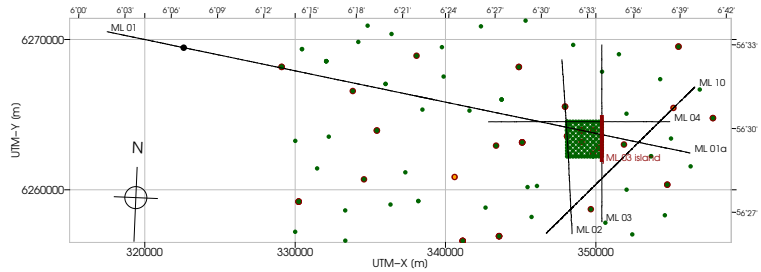
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

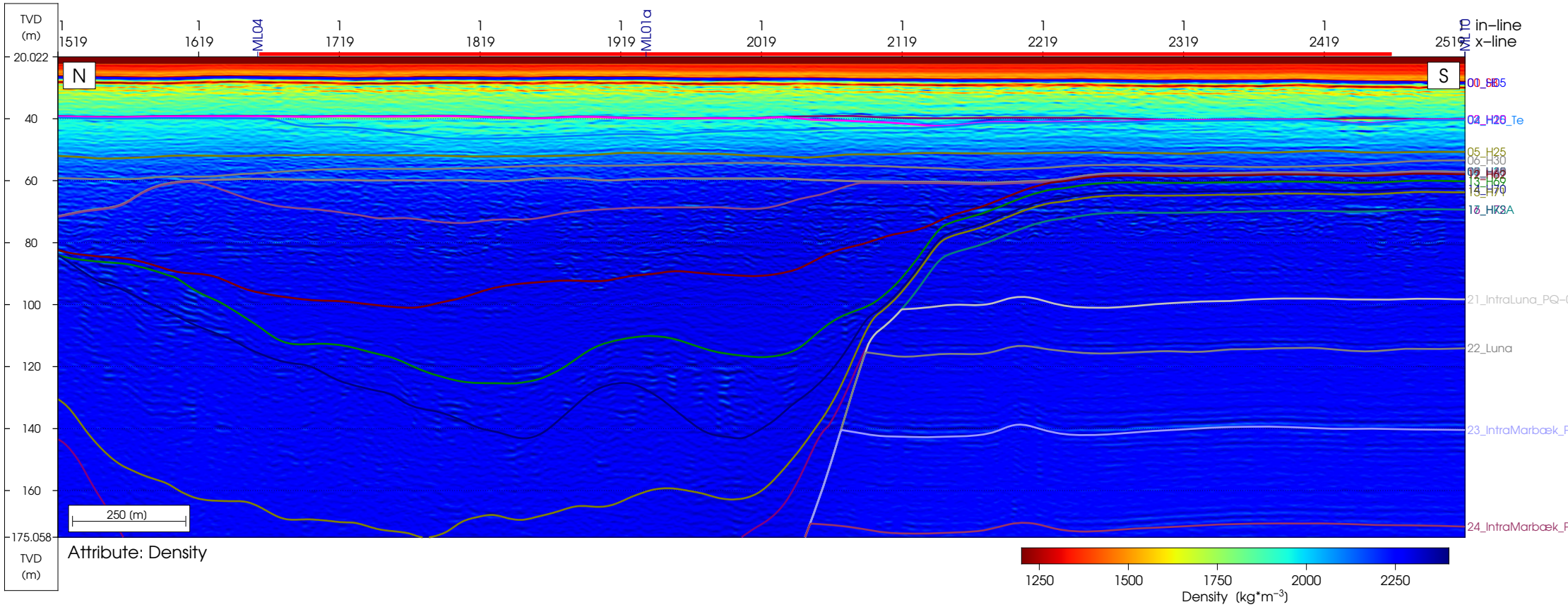




Line: **ML03 (Sparker)**, zoomed
Property: **Density**

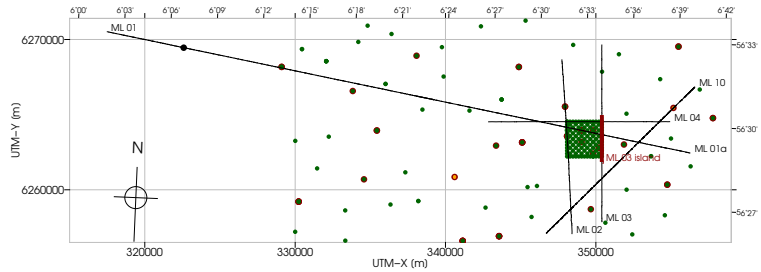
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

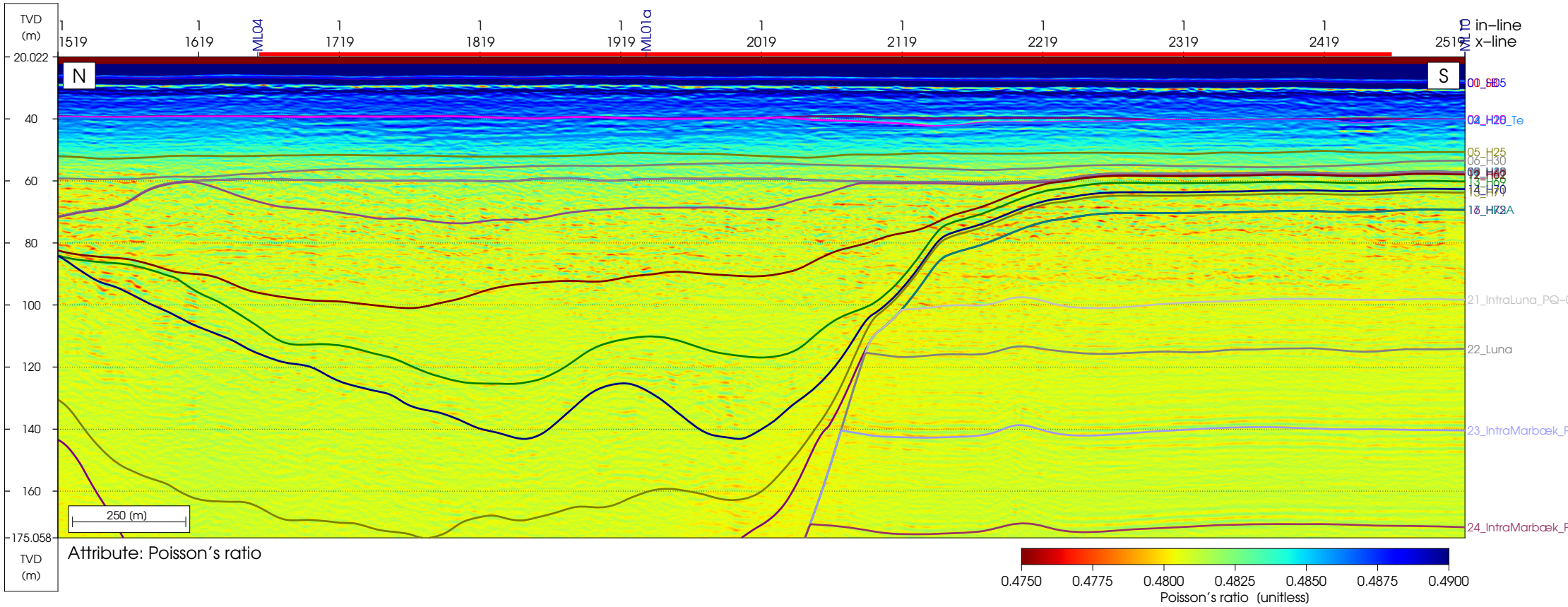




Line: **ML03 (Sparker)**, zoomed
Property: **Poisson's ratio**

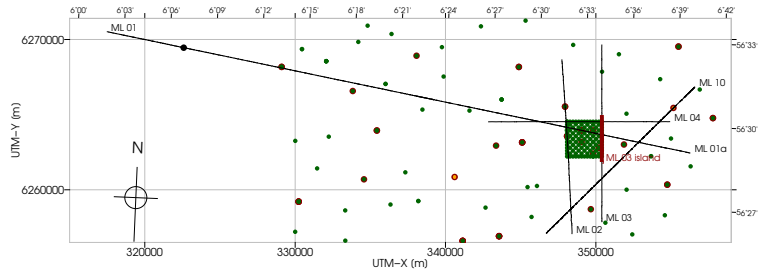
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

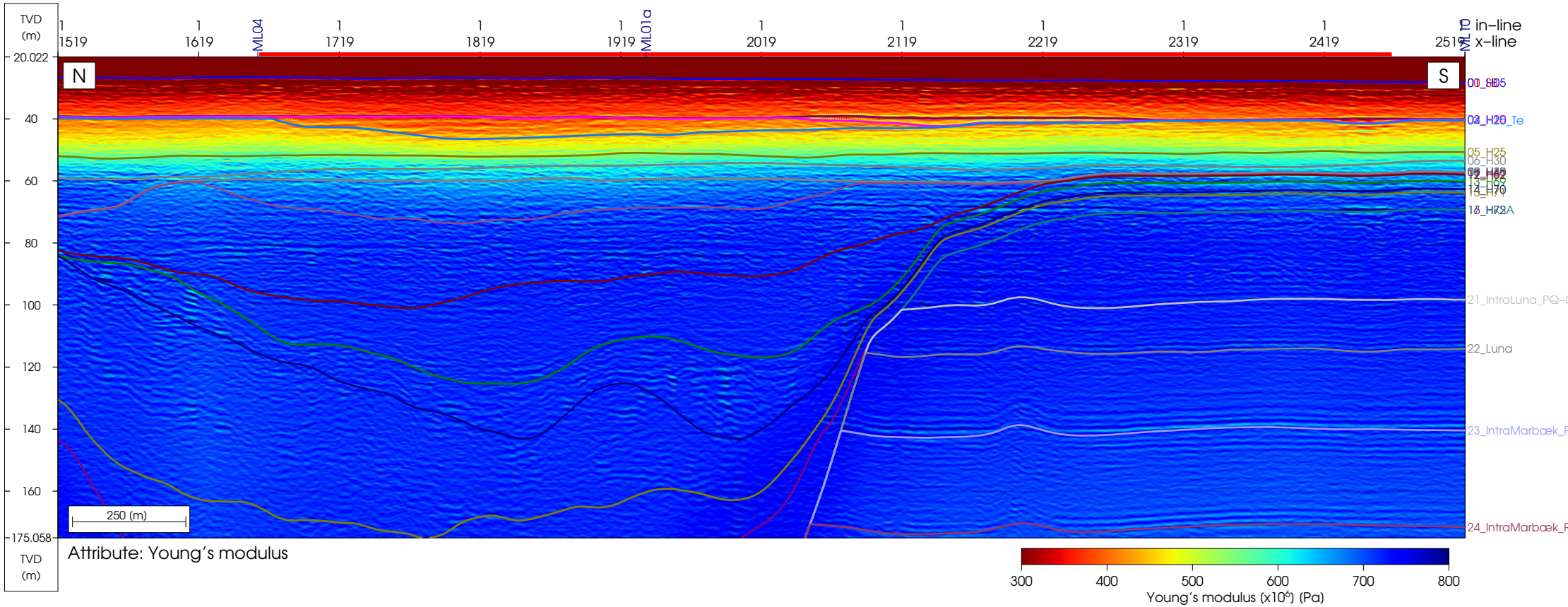




Line: **ML03 (Sparker)**, zoomed
Property: **Young's modulus**

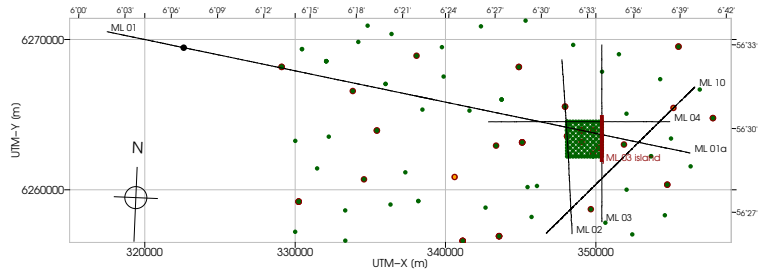
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

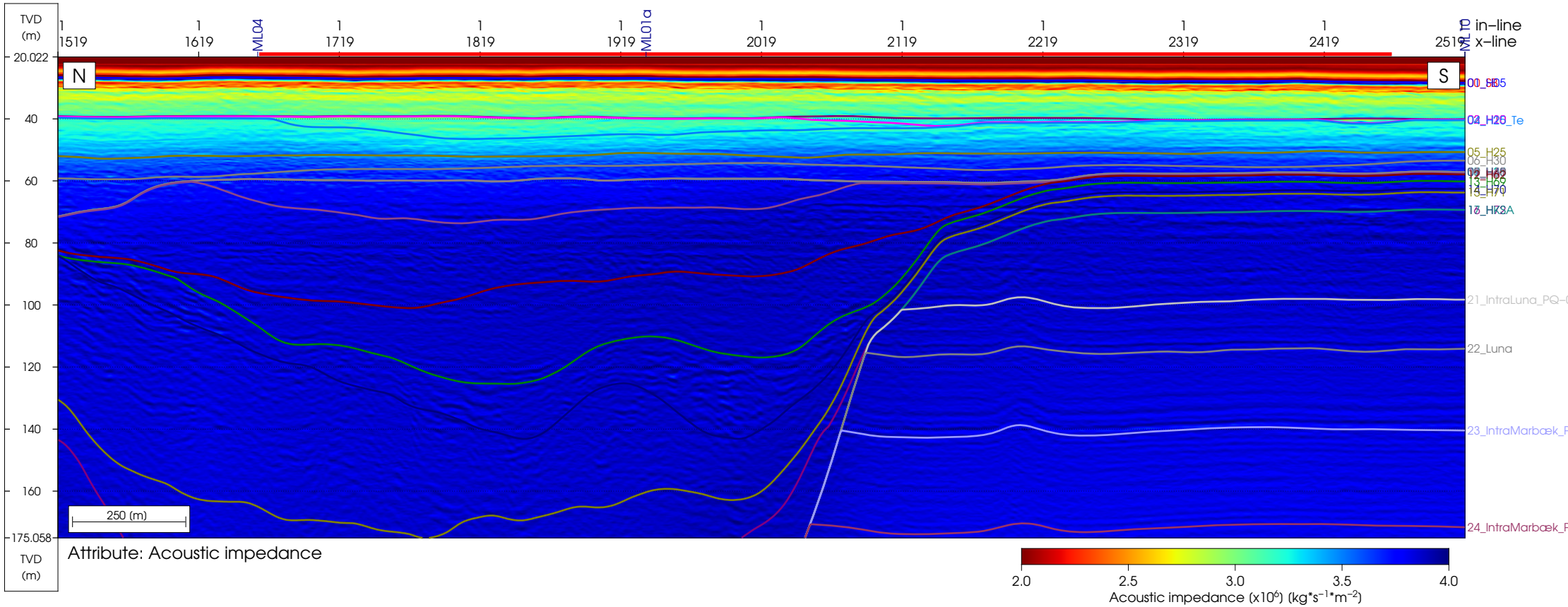




Line: **ML03 (Sparker)**, zoomed
Property: **Acoustic impedance**

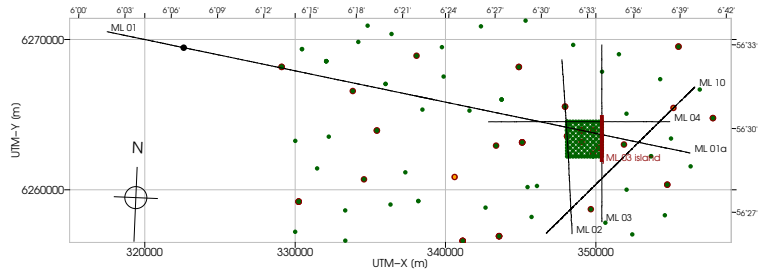
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

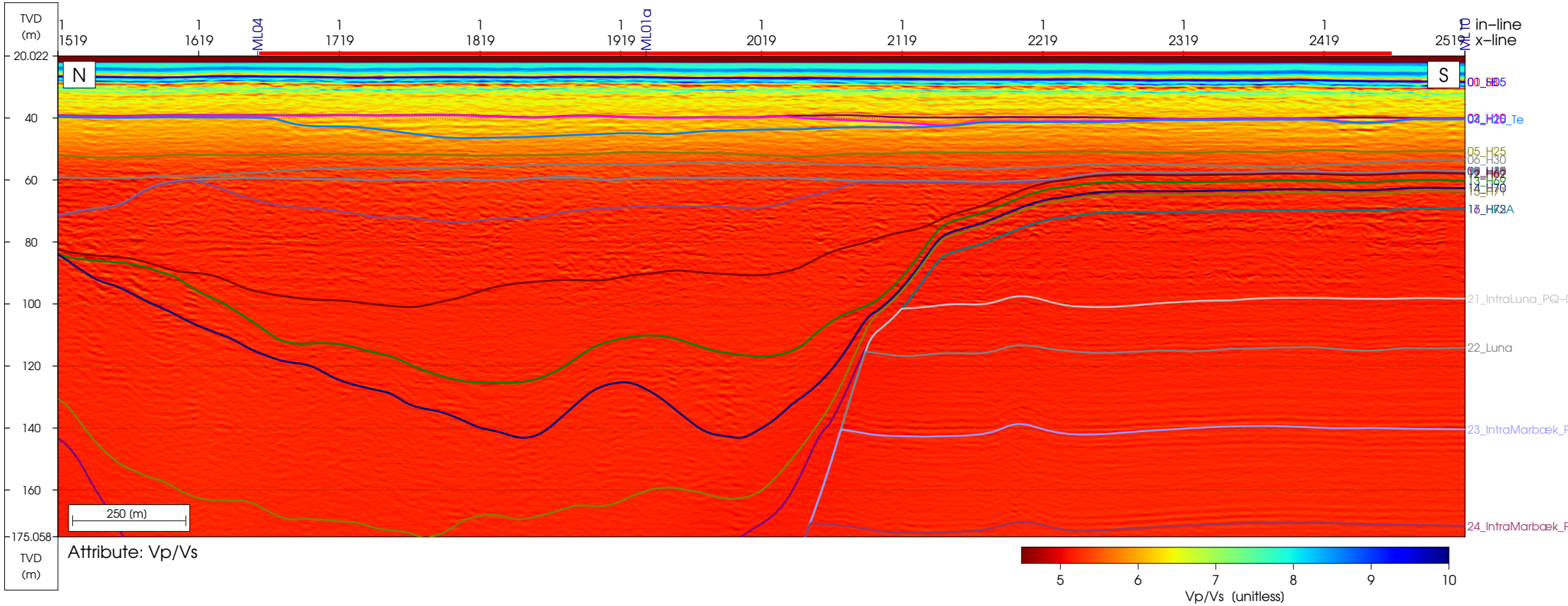




Line: **ML03 (Sparker)**, zoomed
Property: **Vp/Vs**

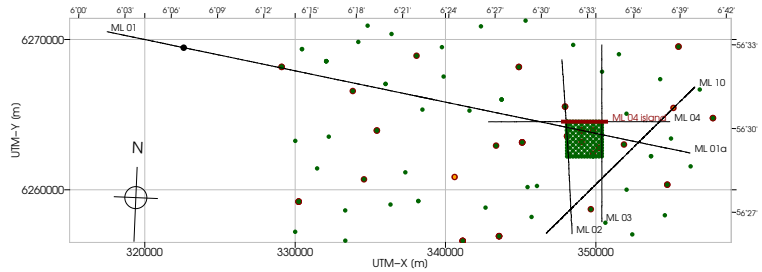
UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(350395.81, 6264975.48) ⟶ (350395.02, 6261851.80)
Energy Island

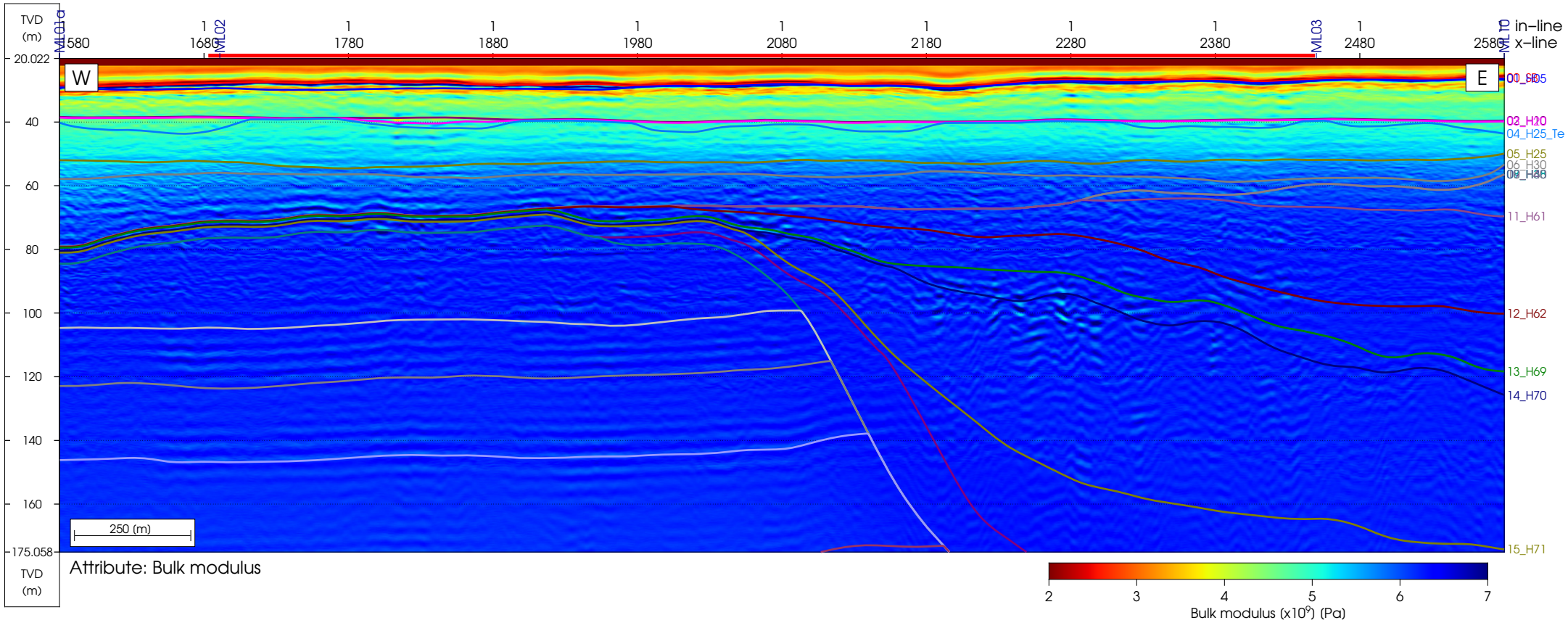




Line: **ML04 (Sparker)**, zoomed
Property: **Bulk modulus**

UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347680.40, 6264528.00) ⟶ (350804.53, 6264530.58)
Energy Island





Line: **ML04 (Sparker)**, zoomed
Property: **Shear modulus**

UTM Zone: 32N
Begin- and endpoints (Easting [m], Northing [m]):
(347680.40, 6264528.00) ⟶ (350804.53, 6264530.58)
Energy Island