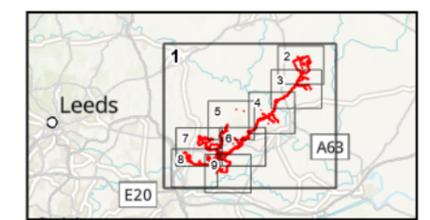


- ▬ Order Limits
 - Study Area (1km)
 - Cable Construction Compounds
 - Solar Development Site Construction Compounds
 - Substations
 - BESS
 - ▬ Main Rivers
 - ▬ Canals
 - ▬ Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
 - Brighton Sand Formation - Sand
 - Elvington Glaciolacustrine Formation - Clay, Silty
 - Escrick Moraine Member - Clay, Sandy, Gravelly
 - Escrick Moraine Member - Clay, Sandy, Gravelly
 - Glaciofluvial Deposits, Devensian - Sand and Gravel
 - Harrogate Till Formation - Clay, Sandy, Gravelly
 - Hemingbrough Glaciolacustrine Formation - Clay, Silty
 - Lacustrine Beach Deposits - Sand and Gravel
 - Naburn Sand Member - Sand, Silty, Gravelly
 - Peat - Peat
 - Roxby Formation - Mudstone, Calcareous
 - Skipwith Sand Member - Sand, Clayey, Gravelly
 - Sutton Sand Formation - Sand
 - Thorganby Clay Member - Clay, Salty
 - Vale Of York Formation - Clay, Sandy, Gravelly
 - Vale Of York Formation - Sand, Gravelly
 - Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031873
 Contains public sector information licensed under the Open Government Licence v3.0.



Kilometres

0 4

P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 1 of 9**

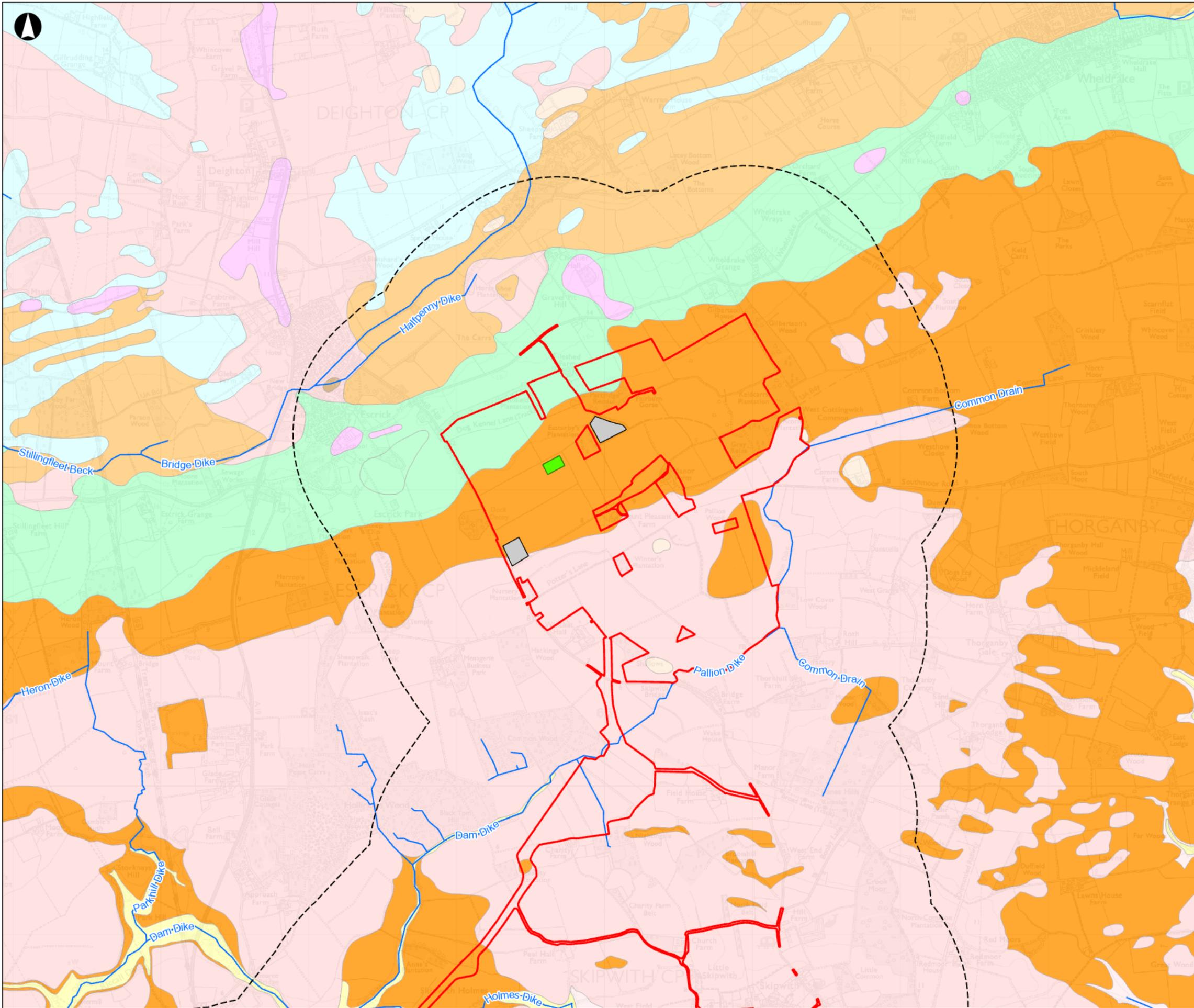
Client
Light Valley Solar Limited

Project Name
Light Valley Solar

Scale at A3
1:75,000

Project Number 302939-00	Rev P01
------------------------------------	-------------------

Drawing Number
EN0110012/APP/LVS/06.02.15.03.01

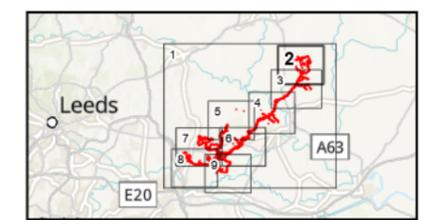


- ▭ Order Limits
- Study Area (1km)
- Solar Development Site Construction Compounds
- Substations
- Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
- Brighton Sand Formation - Sand
- Elvington Glaciolacustrine Formation - Clay, Silty
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Esrick Moraine Member - Clay, Sandy, Gravelly
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Harrogate Till Formation - Clay, Sandy, Gravelly
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Lacustrine Beach Deposits - Sand and Gravel
- Naburn Sand Member - Sand, Silty, Gravelly
- Peat - Peat
- Roxby Formation - Mudstone, Calcareous
- Skipwith Sand Member - Sand, Clayey, Gravelly
- Sutton Sand Formation - Sand
- Thorganby Clay Member - Clay, Salty
- Vale Of York Formation - Clay, Sandy, Gravelly
- Vale Of York Formation - Sand, Gravelly
- Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031673
 Contains public sector information licensed under the Open Government Licence v3.0.



P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 2 of 9**

Client
Light Valley Solar Limited

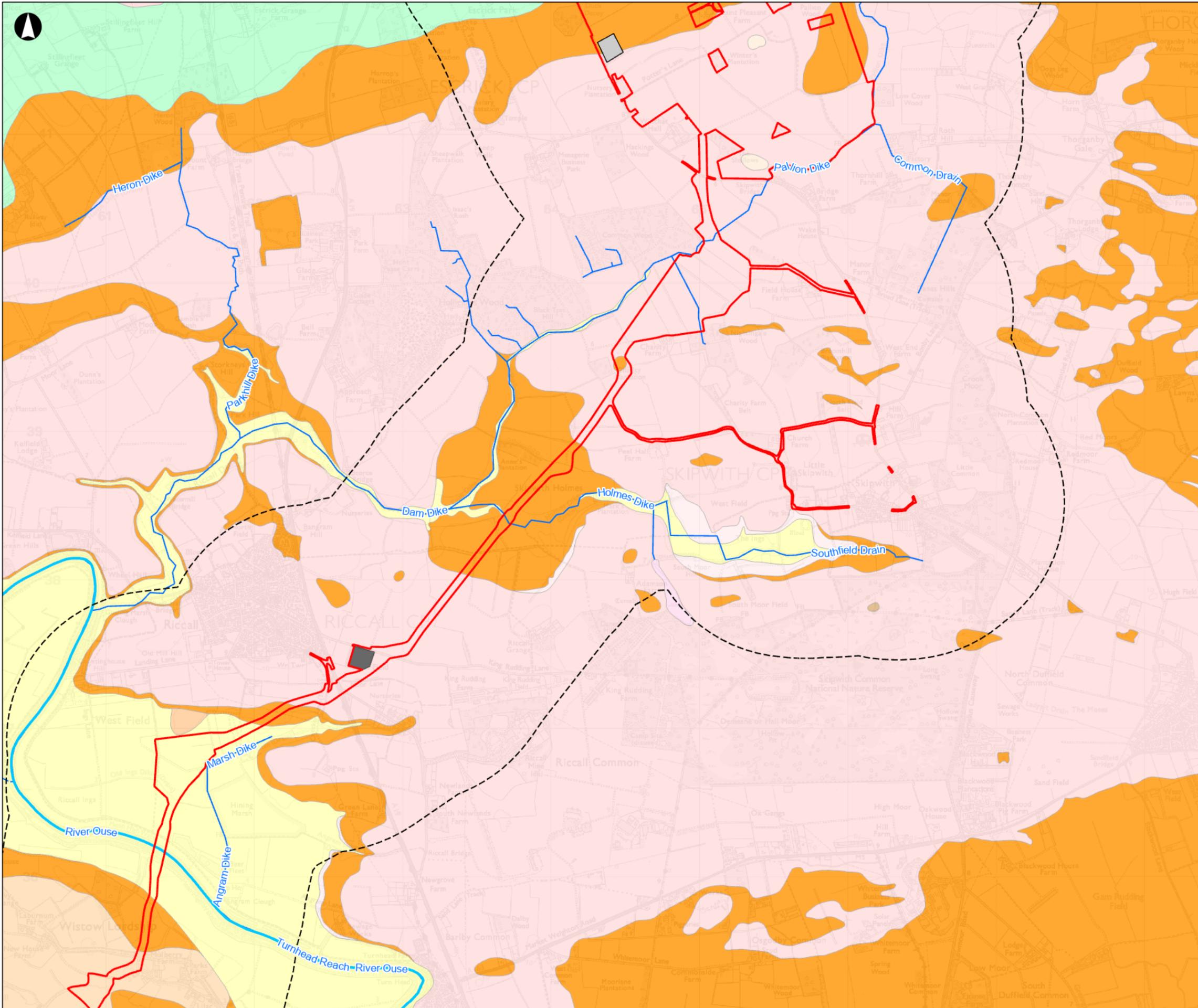
Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.02

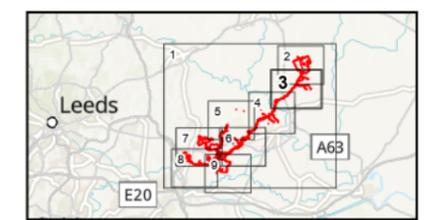


- Order Limits
- Study Area (1km)
- Cable Construction Compounds
- Solar Development Site Construction Compounds
- Main Rivers
- Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
- Brighton Sand Formation - Sand
- Elvington Glaciolacustrine Formation - Clay, Silty
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Harrogate Till Formation - Clay, Sandy, Gravelly
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Lacustrine Beach Deposits - Sand and Gravel
- Naburn Sand Member - Sand, Silty, Gravelly
- Peat - Peat
- Roxby Formation - Mudstone, Calcareous
- Skipwith Sand Member - Sand, Clayey, Gravelly
- Sutton Sand Formation - Sand
- Thorganby Clay Member - Clay, Salty
- Vale Of York Formation - Clay, Sandy, Gravelly
- Vale Of York Formation - Sand, Gravelly
- Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031873
 Contains public sector information licensed under the Open Government Licence v3.0.



Kilometres

0 1

P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 3 of 9**

Client
Light Valley Solar Limited

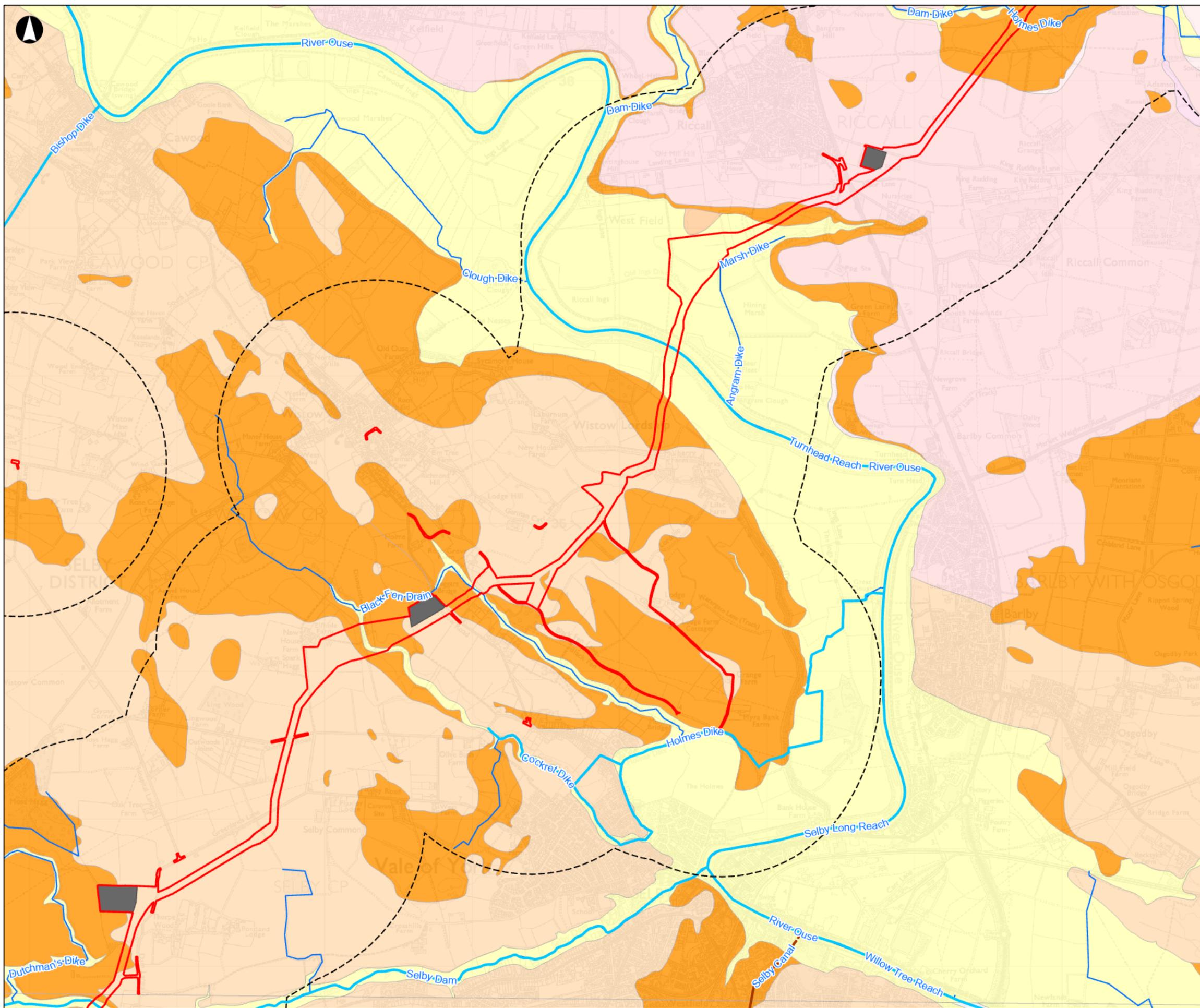
Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.03

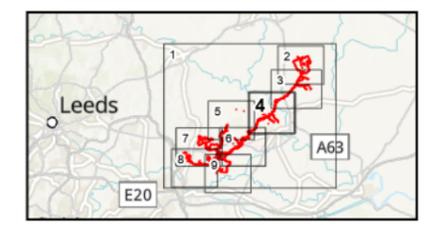


- ▬ Order Limits
- Study Area (1km)
- Cable Construction Compounds
- ▬ Main Rivers
- ▬ Canals
- ▬ Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
- Brighton Sand Formation - Sand
- Elvington Glaciolacustrine Formation - Clay, Silty
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Harrogate Till Formation - Clay, Sandy, Gravelly
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Lacustrine Beach Deposits - Sand and Gravel
- Naburn Sand Member - Sand, Silty, Gravelly
- Peat - Peat
- Roxby Formation - Mudstone, Calcareous
- Skipwith Sand Member - Sand, Clayey, Gravelly
- Sutton Sand Formation - Sand
- Thorgarby Clay Member - Clay, Salty
- Vale Of York Formation - Clay, Sandy, Gravelly
- Vale Of York Formation - Sand, Gravelly
- Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031673
 Contains public sector information licensed under the Open Government Licence v3.0.



Kilometres

0 1

P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 4 of 9**

Client
Light Valley Solar Limited

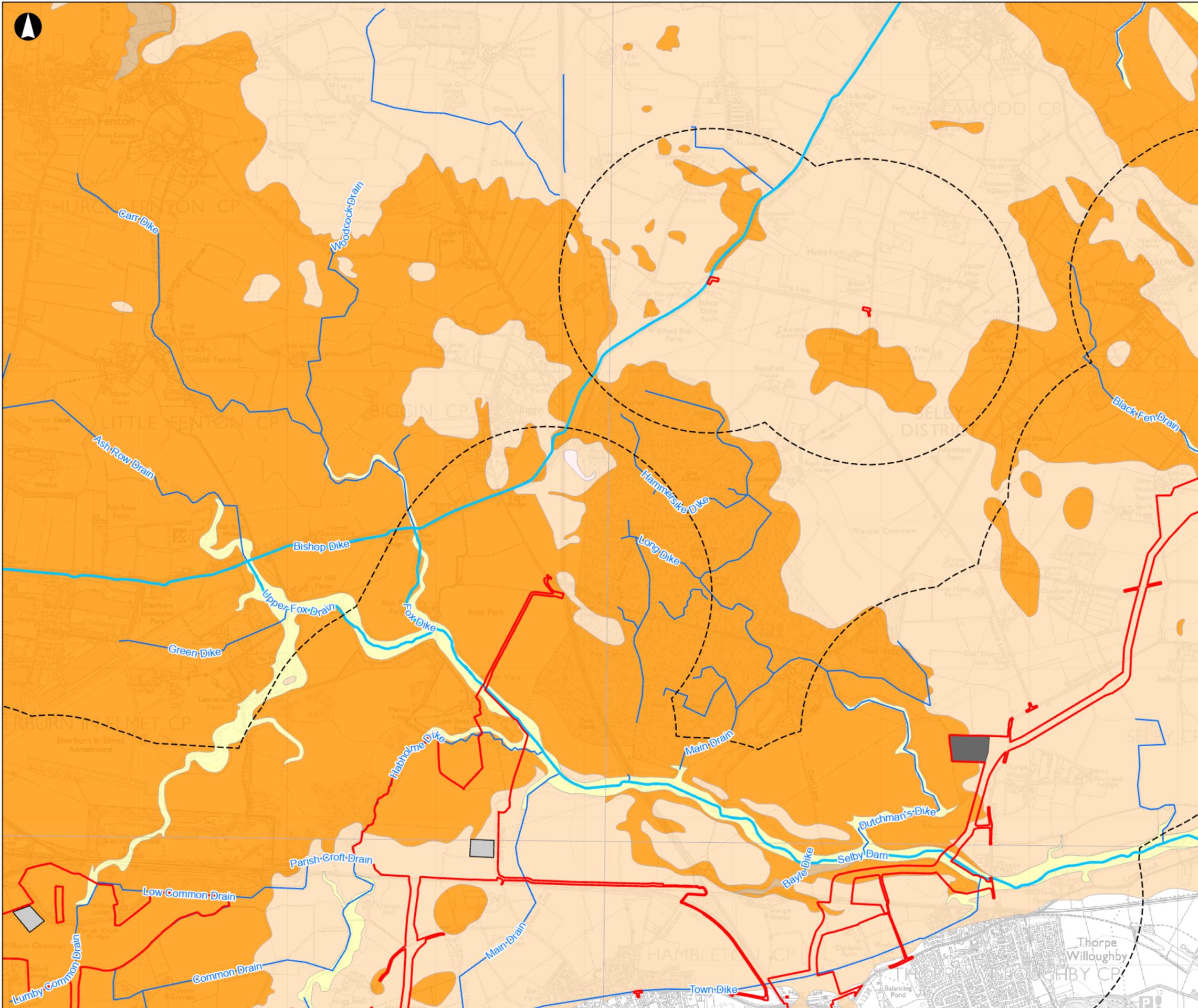
Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.04

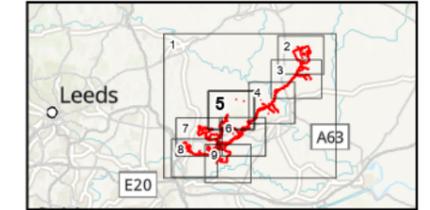


- Order Limits
- Study Area (1km)
- Cable Construction Compounds
- Solar Development Site Construction Compounds
- Main Rivers
- Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
- Brighton Sand Formation - Sand
- Elvington Glaciolacustrine Formation - Clay, Silty
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Harrogate Till Formation - Clay, Sandy, Gravelly
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Lacustrine Beach Deposits - Sand and Gravel
- Naburn Sand Member - Sand, Silty, Gravelly
- Peat - Peat
- Roxby Formation - Mudstone, Calcareous
- Skipwith Sand Member - Sand, Clayey, Gravelly
- Sutton Sand Formation - Sand
- Thorgarby Clay Member - Clay, Salty
- Vale Of York Formation - Clay, Sandy, Gravelly
- Vale Of York Formation - Sand, Gravelly
- Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey 0100031673
 Contains public sector information licensed under the Open Government Licence v3.0.



Kilometres

0 1

P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 5 of 9**

Client
Light Valley Solar Limited

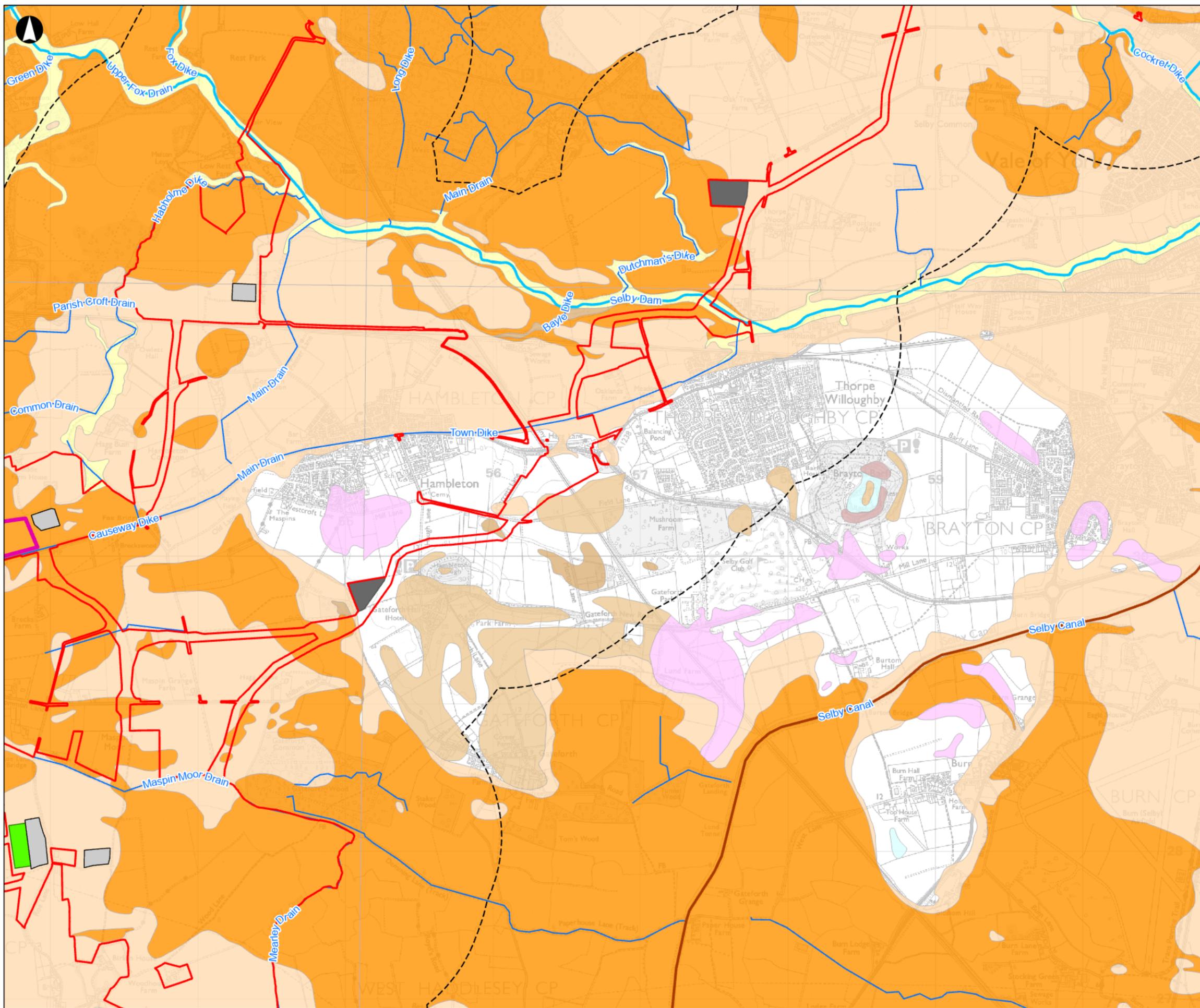
Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.05

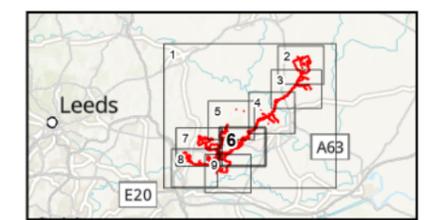


- Order Limits
 - Study Area (1km)
 - Cable Construction Compounds
 - Solar Development Site Construction Compounds
 - Substations
 - BESS
 - Main Rivers
 - Canals
 - Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
 - Brighton Sand Formation - Sand
 - Elvington Glaciolacustrine Formation - Clay, Silty
 - Escrick Moraine Member - Clay, Sandy, Gravelly
 - Escrick Moraine Member - Clay, Sandy, Gravelly
 - Glaciofluvial Deposits, Devensian - Sand and Gravel
 - Harrogate Till Formation - Clay, Sandy, Gravelly
 - Hemingbrough Glaciolacustrine Formation - Clay, Silty
 - Lacustrine Beach Deposits - Sand and Gravel
 - Naburn Sand Member - Sand, Silty, Gravelly
 - Peat - Peat
 - Roxby Formation - Mudstone, Calcareous
 - Skipwith Sand Member - Sand, Clayey, Gravelly
 - Sutton Sand Formation - Sand
 - Thorganby Clay Member - Clay, Salty
 - Vale Of York Formation - Clay, Sandy, Gravelly
 - Vale Of York Formation - Sand, Gravelly
 - Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, MET/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031873
 Contains public sector information licensed under the Open Government Licence v3.0.



P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 6 of 9**

Client
Light Valley Solar Limited

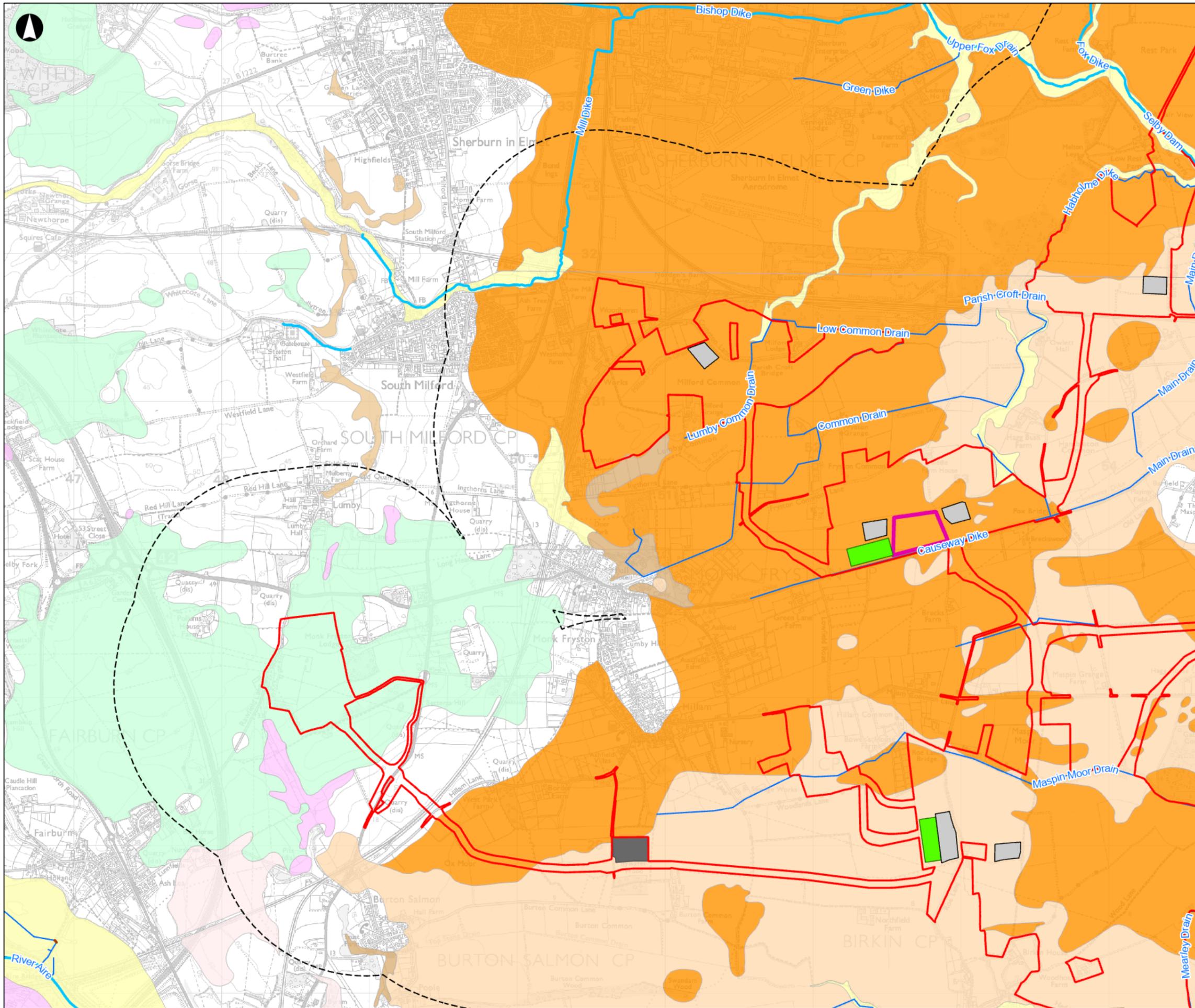
Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.06

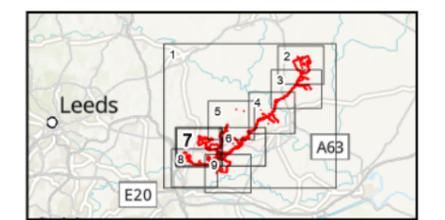


- ▬ Order Limits
 - Study Area (1km)
 - Cable Construction Compounds
 - Solar Development Site Construction Compounds
 - Substations
 - BESS
 - ▬ Main Rivers
 - ▬ Canals
 - ▬ Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
 - Brighton Sand Formation - Sand
 - Elvington Glaciolacustrine Formation - Clay, Silty
 - Escrick Moraine Member - Clay, Sandy, Gravelly
 - Escrick Moraine Member - Clay, Sandy, Gravelly
 - Glaciofluvial Deposits, Devensian - Sand and Gravel
 - Harrogate Till Formation - Clay, Sandy, Gravelly
 - Hemingbrough Glaciolacustrine Formation - Clay, Silty
 - Lacustrine Beach Deposits - Sand and Gravel
 - Naburn Sand Member - Sand, Silty, Gravelly
 - Peat - Peat
 - Roxby Formation - Mudstone, Calcareous
 - Skipwith Sand Member - Sand, Clayey, Gravelly
 - Sutton Sand Formation - Sand
 - Thorganby Clay Member - Clay, Salty
 - Vale Of York Formation - Clay, Sandy, Gravelly
 - Vale Of York Formation - Sand, Gravelly
 - Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031873
 Contains public sector information licensed under the Open Government Licence v3.0.



Kilometres

0 1

P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 7 of 9**

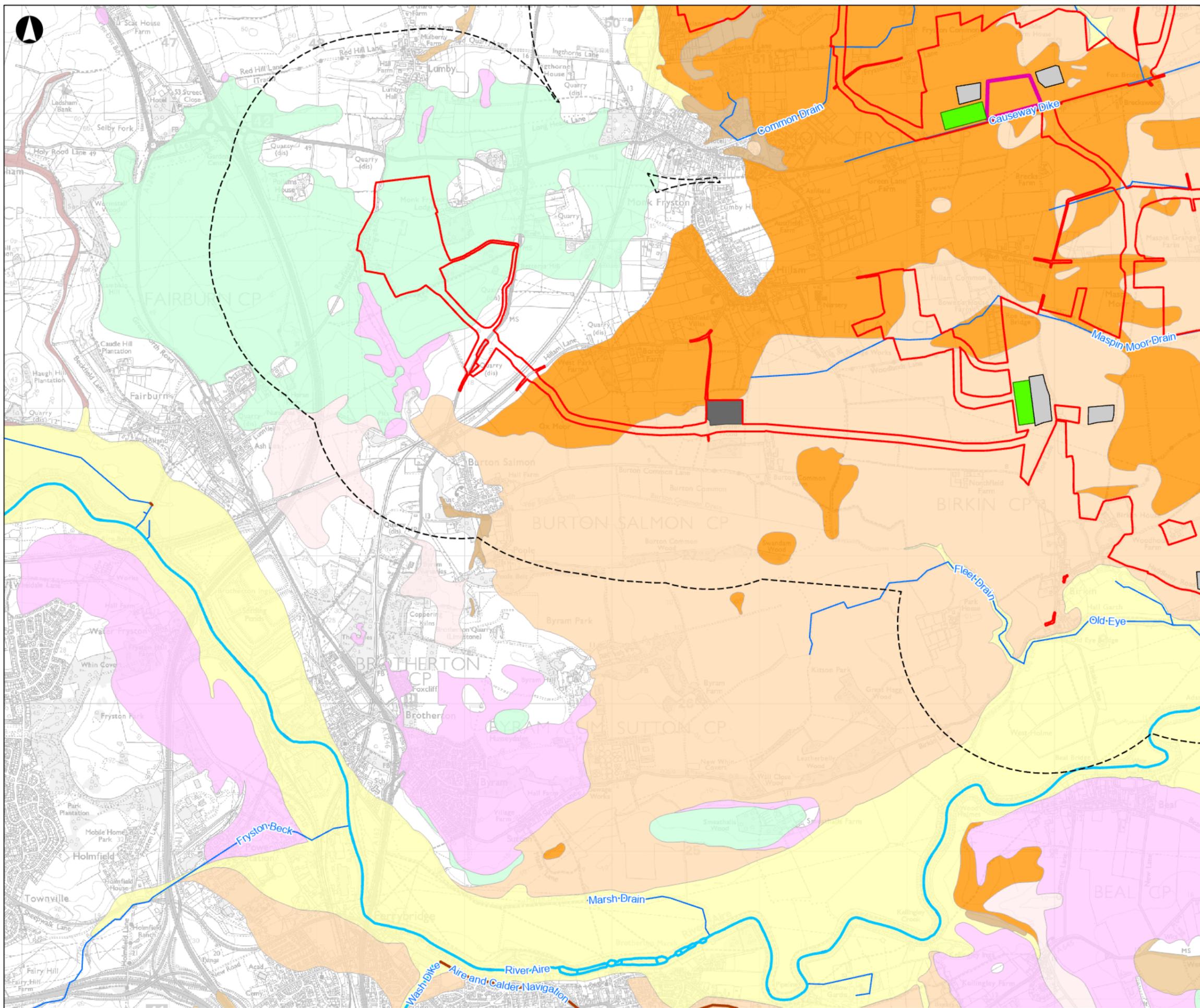
Client
Light Valley Solar Limited

Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number 302939-00	Rev P01
------------------------------------	-------------------

Drawing Number
EN0110012/APP/LVS/06.02.15.03.07

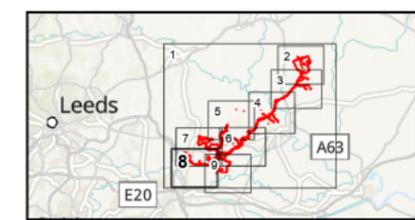


- ▭ Order Limits
- Study Area (1km)
- Cable Construction Compounds
- Solar Development Site Construction Compounds
- Substations
- BESS
- Main Rivers
- Canals
- Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
- Brighton Sand Formation - Sand
- Elvington Glaciolacustrine Formation - Clay, Silty
- Esrick Moraine Member - Clay, Silty, Gravelly
- Esrick Moraine Member - Clay, Silty, Gravelly
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Harrogate Till Formation - Clay, Silty, Gravelly
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Lacustrine Beach Deposits - Sand and Gravel
- Naburn Sand Member - Sand, Silty, Gravelly
- Peat - Peat
- Roxby Formation - Mudstone, Calcareous
- Skipwith Sand Member - Sand, Clayey, Gravelly
- Sutton Sand Formation - Sand
- Thorganby Clay Member - Clay, Silty
- Vale Of York Formation - Clay, Silty, Gravelly
- Vale Of York Formation - Sand, Gravelly
- Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031873
 Contains public sector information licensed under the Open Government Licence v3.0.



P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 8 of 9**

Client
Light Valley Solar Limited

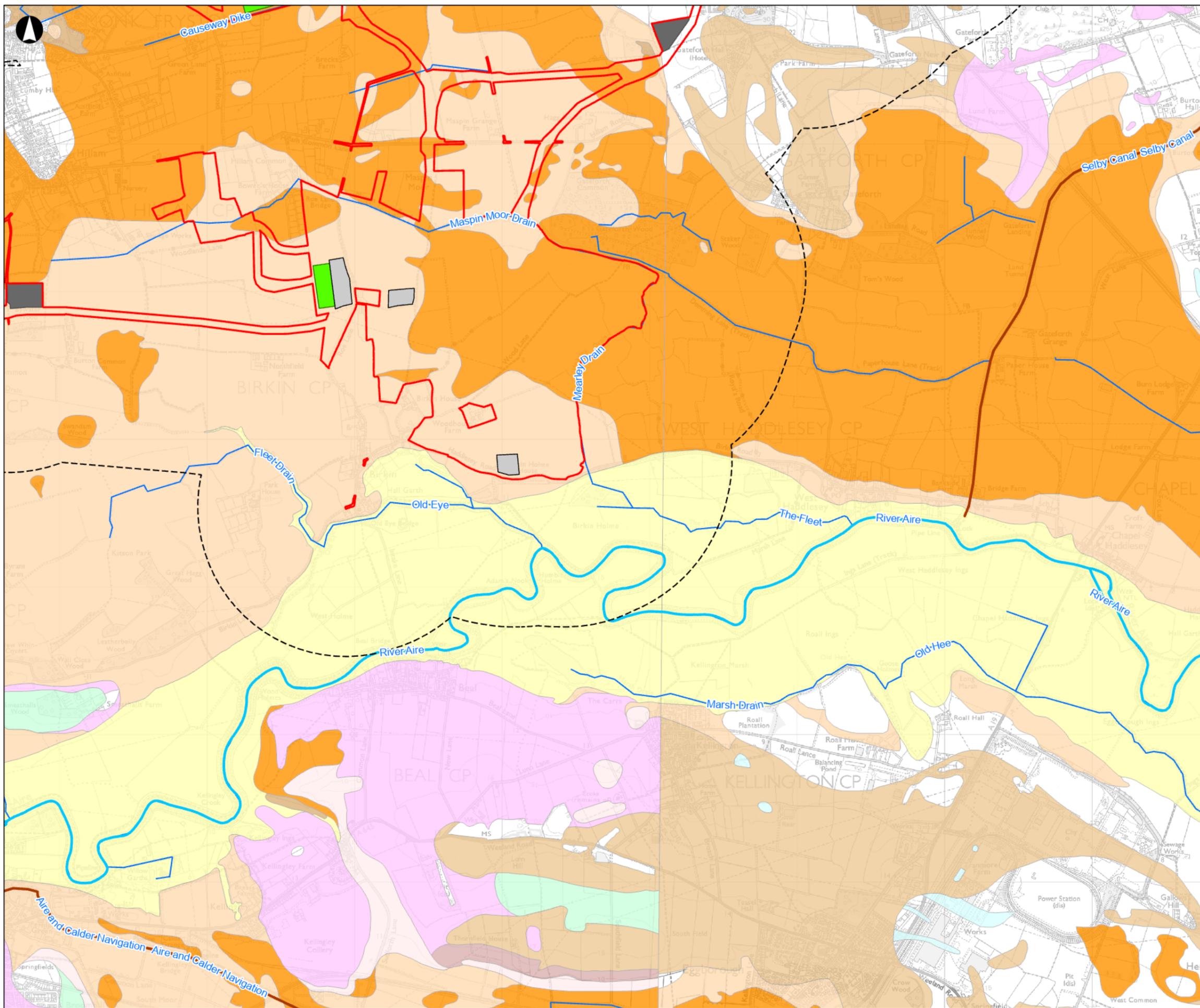
Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.08

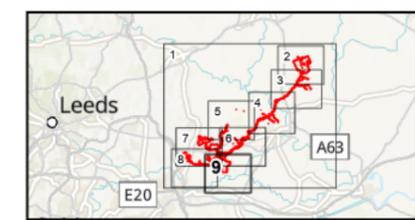


- ▬ Order Limits
- Study Area (1km)
- Cable Construction Compounds
- Solar Development Site Construction Compounds
- Substations
- ▬ Main Rivers
- ▬ Canals
- ▬ Ordinary Watercourses
- British Geological Society - Superficial**
- Alluvium - Clay, Silt, Sand and Gravel
- Brighton Sand Formation - Sand
- Elvington Glaciolacustrine Formation - Clay, Silty
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Escrick Moraine Member - Clay, Sandy, Gravelly
- Glaciofluvial Deposits, Devensian - Sand and Gravel
- Harrogate Till Formation - Clay, Sandy, Gravelly
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Lacustrine Beach Deposits - Sand and Gravel
- Naburn Sand Member - Sand, Silty, Gravelly
- Peat - Peat
- Roxby Formation - Mudstone, Calcareous
- Skipwith Sand Member - Sand, Clayey, Gravelly
- Sutton Sand Formation - Sand
- Thorganby Clay Member - Clay, Salty
- Vale Of York Formation - Clay, Sandy, Gravelly
- Vale Of York Formation - Sand, Gravelly
- Warp - Clay and Silt

Coordinate System: British National Grid

Contains OS data © Crown Copyright and database right 2026
 Contains data from OS Zoomstack, Esri, CGIAR, USGS, Esri UK, Esri, TomTom, Garmin, FAO, METI/NASA, USGS

Contains British Geological Survey materials © UKRI 2024.
 © Crown copyright and database rights 2024 Ordnance Survey
 0100031873
 Contains public sector information licensed under the Open Government Licence v3.0.



P01	29/01/2026	KRIG	ACAR	NWIL	KHAR
Rev	Date	By	Chkd	Appd	Authd



Drawing Title
**Figure 15.3
 Superficial Geology
 Sheet Number 9 of 9**

Client
Light Valley Solar Limited

Project Name
Light Valley Solar

Scale at A3
1:25,000

Project Number
302939-00

Rev
P01

Drawing Number
EN0110012/APP/LVS/06.02.15.03.09