

## APPENDIX G SITE RECONNAISSANCE SURVEY NOTES

| Feature observed                                            | Presence Y/N | Description                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Physical characteristics</b>                             |              |                                                                                                                                                                                                                                                                                                                                                                                    |
| • Are there any access constraints?                         | N            |                                                                                                                                                                                                                                                                                                                                                                                    |
| • Is the site approximately level?                          | N            | The topography varies significantly in the southern sector due to extensive quarrying and spoil heaps. Elevation increases from the southern to the northern sectors.                                                                                                                                                                                                              |
| • Any evidence of subsidence, landslip or slope erosion?    | Y            | Limited evidence of spoil heap erosion. This may be the result of historical excavations to investigate the nature of the spoil heaps. However, the quarried areas appeared stable.                                                                                                                                                                                                |
| • Any changes in level between the site and adjacent sites? | N            | Excluding the quarry related low- and high-points in the southern sector, the site aligns with the broader area elevation gradient, i.e. rising to the north.                                                                                                                                                                                                                      |
| • Surface cover                                             | Y            | Approx. 5% hard surfacing located around the western buildings within the southern sector. There was a small stretch (~15m) of road surfacing toward the settling ponds.                                                                                                                                                                                                           |
|                                                             | -            | The southern sector comprises a varied surface cover of dirt tracks, grassland, shrubland, tree-cover and spoil heaps. To the north, there is an area of woodland with pasture fields located to the north and north-east of the quarry.<br><br>In the northern sector, surface cover comprises shrubs, grasses, some heathers/moorland vegetation, small trees and several ponds. |
| <b>Environmental characteristics</b>                        |              |                                                                                                                                                                                                                                                                                                                                                                                    |
| • Vegetation on site                                        | Y            | Northern sector comprises shrubs, grasses, some heathers/moorland vegetation, small trees in the south. Southern sector features varied shrubs, small trees and limited grass. Vegetation cover is predominantly around the site boundary and covering spoil heaps. Tree cover is greatest in the north and east of the quarry. The northern settling ponds featured reedbeds.     |
| • Evidence for vegetation stress                            | N            |                                                                                                                                                                                                                                                                                                                                                                                    |
| • Invasive species                                          | N            | Based upon the walkover survey obvious evidence of Japanese Knotweed or other invasive species has not been identified on-site. However, it should be noted that a detailed survey of the possible presence or absence of invasive species is outside of the scope of investigation and consideration should be given to commissioning a specialist survey, as necessary.          |

| Feature observed                                                                                              | Presence Y/N | Description                                                                                                                                                                                                                                                                                                                                                                                                                |
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|                                                                                                               | Y            | The walkover was completed in the dormancy period (Oct-April) and evidence of invasive species may not have been present.                                                                                                                                                                                                                                                                                                  |
| Site visit undertaken in dormancy period?                                                                     |              |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>Surface water features</li> </ul>                                      | Y            | Two settling ponds are located in the north of the quarry. Three additional ponds are located within quarried depressions in the south of the quarry.<br><br>The northern sector features five small ponds. A small stream with limited flow was observed flowing south from below the largest pond.                                                                                                                       |
|                                                                                                               | Y            | A pond is located immediately north of the bridleway. An unnamed stream flows south along the immediate west of the site with two small ponds. An additional small stream flows south near the eastern boundary.                                                                                                                                                                                                           |
|                                                                                                               | -            | No visual evidence of surface water contamination was observed.                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>Site drainage</li> </ul>                                               | -            | The site drains toward the south, following the topography of the site.                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                               | Y            | The southern quarried areas are flooded.                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Structures and services</b>                                                                                |              |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>Existing buildings on-site</li> </ul>                                  | Y            | The Site features three buildings in the west of the quarry comprising two sheds/warehouses and a small outbuilding (electrical substation).                                                                                                                                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>Buried and overhead services present</li> </ul>                        | Y            | Redundant electrical supply cables were observed in the substation outbuilding. An electrical cable will likely feed the adjacent pylon to the substation outbuilding. Electrical supply cables to the two sheds/warehouses are likely to be present.<br><br>An unknown pipe was observed rising from the ground adjacent to the location of a potential historical tank to the immediate north-east of the southern shed. |
|                                                                                                               | Y/           | An electric pylon slightly encroaches onto the western site boundary adjacent to the substation outbuilding.                                                                                                                                                                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>Underground structures</li> </ul>                                      | N            |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Geotechnical characteristics</b>                                                                           |              |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li>Evidence of damage to existing building structures on site?</li> </ul> | Y            | The southern shed had two areas of damaged roofing. However, this is not deemed due to geotechnical stability issues.                                                                                                                                                                                                                                                                                                      |

| Feature observed                                                                                                                  | Presence Y/N | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <ul style="list-style-type: none"> <li>Remains of building structures present on or adjacent to site?</li> </ul>                  | Y            | Two concrete pads (believed to be previous structures) were present adjacent to both sheds/warehouses. The pad to the north-east of the southern shed/warehouse may be a historical AST, due to a holder/bracket arm bolted atop the pad and an adjacent underground pipe rising beside it.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <ul style="list-style-type: none"> <li>Retaining walls and adjacent buildings on or close to site boundary?</li> </ul>            | N            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <ul style="list-style-type: none"> <li>Any abrupt changes in ground level present on or adjacent to site?</li> </ul>              | Y            | The topography varies significantly in the southern sector due to extensive quarrying and spoil heaps.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <ul style="list-style-type: none"> <li>Any potentially unstable slopes/ exposed ground present on or adjacent to site?</li> </ul> | Y            | Limited evidence of spoil heap erosion. This may be the result of historical excavations to investigate the nature of the spoil heaps. The quarried areas appeared stable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li>Any mature trees on site?</li> </ul>                                                       | Y            | Tree cover along the north and the eastern boundary of the quarry and throughout the northern sector are likely to comprise mature trees. However, they are typically only moderately sized at maximum.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <ul style="list-style-type: none"> <li>Any visual evidence of infilled basements on site?</li> </ul>                              | N            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Potential evidence for contamination</b>                                                                                       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <ul style="list-style-type: none"> <li>Underground/ above ground storage tanks and pipework</li> </ul>                            | Y            | <p>An AST was present to the east of the northern shed/warehouse.</p> <p>An additional historical AST may have been present to the north-east of the southern shed, due to the remains of a concrete pad, holder/bracket arm and protruding pipework.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>Potentially hazardous materials storage and use</li> </ul>                                 | Y            | <p>Several containers of potentially hazardous materials were observed in both shed/warehouses. These included paints, canisters and bottles. Most were labelled toxic or flammable and were stored immediately beside a gas cylinder in the southern shed/warehouse.</p> <p>A metal container with further similar hazardous materials is located to the west of the southern shed.</p> <p>The northern shed had a CoSHH warning sign featuring explosive, toxic, harmful, hazardous and flammable symbols. Similar containers were present inside, including a drum (possibly hydraulic oil).</p> <p>An AST is located to the east of the northern shed, which may have/may contain hazardous materials.</p> |
| <ul style="list-style-type: none"> <li>Waste storage</li> </ul>                                                                   | N            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Feature observed                                                                                                             | Presence Y/N | Description                                                                                                                                                                                                                                                                                                                                                       |
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| <ul style="list-style-type: none"> <li>Fly-tipping</li> </ul>                                                                | Y            | Fly tipping was observed within the eastern shaft, in the northern sector. Few instances of waste dumping was observed within the quarry, including metal waste in the north-east and ripped up concrete/hardstanding adjacent to the southern shed.                                                                                                              |
| <ul style="list-style-type: none"> <li>Electricity sub-stations/ transformers</li> </ul>                                     | Y            | A former substation was located in an outbuilding immediately north of the northern shed. The substation is no longer present, but electrical infrastructure (switches, panels and cables) are present. No odours or evidence of historical oil leaks were noted.                                                                                                 |
| <ul style="list-style-type: none"> <li>Asbestos-containing materials</li> </ul>                                              | Y            | <p>The sheds may contain ACM, being structures predating the full ban of asbestos. In particular, the roofing may contain ACM given the explosive/flammable materials which signs indicate was stored there.</p> <p>The roof is damaged in the southern shed in two areas. This should be assessed by a suitably qualified person to determine asbestos risk.</p> |
| <ul style="list-style-type: none"> <li>Fire suppression</li> </ul>                                                           | N            | -                                                                                                                                                                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li>Fire history</li> </ul>                                                               | N            | -                                                                                                                                                                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li>Is there any visual evidence of potential contamination on site?</li> </ul>           | N            | -                                                                                                                                                                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li>Is there any visual evidence of potential contamination on adjacent sites?</li> </ul> | N            | -                                                                                                                                                                                                                                                                                                                                                                 |