APPENDIX B1

SUMMARY OF LOCATIONS WITH LARGE VARIANCES BETWEEN LEVELS TAKEN DURING THE GROUND INVESTIGATION WORKS AND LIDAR

Hole ID	Holebase GL (mAOD)	LIDAR GL (mAOD)	Level Difference	Nearby Holes – GL (Holes within 100m, distance increasing down the list)	Comments
HP206	56.350	54.357	-1.993	HP205 – 54.44 WSJ – 58.25 WSJA – 58.30 TP242 – 55.86 TPL – 57.5	Heavily vegetated, trees? Car parks nearby. Near a water body (~12m) Noted HP205 has a level difference of 0.225m and that Fugro's WJ/WSJA is almost on top of HP205.
WS204A	58.880	57.562	-1.318	WS203 – 56.25 WS203A – 55.72 WS203B – 55.56 HSA221 - 56.2	Bordering a road and estate. Near a water body (~18m)
WS204	58.790	57.670	-1.120	As WS204A.	As WS204A
WS215	57.570	57.136	-0.434	TP238 – 57.1 TP237 – 56.5 WS216 – 56.96 TPF – 56.4 BH107 - 56.45 BH205 – 56.61 TP239 – 56.17 TP240 – 55.93 BH208 – 56.32 BH109 – 55.95 HSA219 – 54.71	Two distinct shaped vegetation's, at different levels, thinly separated. Landfill site. Near a road (~12m). TP238, TP237, TPF, WS216, BH107, TP239 and BH205 all in section 1 (see Figure 1) TP238 has a 0.056m level difference, and is situated on 'on top' of WS215.
WS216	56.960	56.549	-0.411	As WS215, in addition: BH207 – 56.12 BH110 – 55.8	As WS215.
BH205	56.61	56.331	-0.279	As WS216.	As WS216.
BH207	56.12	55.866	-0.254	BH110 – 55.8 BH107 - 56.45 BH205 – 56.61	BH110 is ~12m away. Landfill site (Section 2, Figure 1), no development. Varying vegetation as per Section 1.

APPENDIX B1

SUMMARY OF LOCATIONS WITH LARGE VARIANCES BETWEEN LEVELS TAKEN DURING THE GROUND INVESTIGATION WORKS AND LIDAR

				TP239 – 56.17 TP237 – 56.5 WS216 – 56.96 TPF – 56.4 TP240 – 55.93 BH208 – 56.32 BH109 – 55.95	Near a river (~35m) Heavy tree vegetation.
TP240	55.93	56.202	0.272	As BH207, in addition: WS120 – 54.45 TPP – 54.6 WS217 – 55.86 WS218 – 56.14 TP241 – 56.030 TPG – 56.00	As BH207, excluding trees, but in addition: Near a road (~12m) BH208/BH109 closest holes (~25m away)
WS120	54.45	54.823	0.372	TPP – 54.6 TPQ – 54.5 TPR – 54.55 TPS – 54.55 WS119 – 54.60 TPT – 54.65 TP236 – 54.49 HSA219 - 54.71 TP240 – 55.93 BH208 – 56.32 BH109 – 55.95	Closest hole is TPP. Near a river (~5m). Near a road (~15m) Tree's on top/near to hole. Communications mast nearby, wires?
TPQ	54.50	54.961	0.461	Same as WS120.	Same as WS230, however distances to the road and river alter: River ~25m Road ~5m
TP243	54.98	55.509	0.529	BH210 – 55.36	BH210 looks to be adjacent to trees, but overall seems to be located on a flat field, as oppose to BH243 which is situated with a dense tree area.
BH210	55.36	55.095	-0.265	Same as TP243.	Same as TP243.

APPENDIX B1

SUMMARY OF LOCATIONS WITH LARGE VARIANCES BETWEEN LEVELS TAKEN DURING THE GROUND INVESTIGATION WORKS AND LIDAR

BH212	54.38	54.092	-0.288	TP258 – 53.35 TP257 – 53.24 TP259 – 52.99 TP256 – 53.28 HSA228 – 53.28 TP260 – 52.95 TP255 – 53.52	Borders a raised vegetation, on a flat field. Other holes are in the same field are TP255-257 and HSA228. Road nearby (~80m) River nearby (~10m)
TT01B	56.50	56.224	-0.276		PDF Glitched
TP292	56.38	56.644	0.264	TP291 – 56.190	Appears to be in a flat field. Nearby river (~30m)

Plans of the above locations appear in Appendix B1.