



White Hill Wind Farm

# Environmental Impact Assessment Report

## Annex 5.3: Bird Survey Flightlines

White Hill Wind Limited

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Winter Season 2019/2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP1	29/11/2019	Sparrowhawk	1	09:10	10	<5m	0	10	Sparrowhawk seen briefly, flying low near VP4
RP2	29/11/2019	Buzzard	1	09:28	20	<5m	0	20	Buzzard observed on ground - flew behind forestry and out of view from VP1
RP3	29/11/2019	Buzzard	1	09:45	720	<5m	720	0	Buzzard seen perched in hedgerow at 2m AGL, departed and dropped low above ground and out of view almost immediately.
RP4	29/11/2019	Buzzard	1	09:53	20	10m	0	20	Buzzard getting mobbed by Corvids to south of VP6.
RP5	29/11/2019	Sparrowhawk	1	09:55	110	25m	0	110	Male bird circling and ascending to c. 80m AGL
WD1	29/11/2019	Golden Plover	12	09:56	45	50m	0	45	Flock of 12 Golden Plover climbing to c 80m AGL as they flew north, gradually turning towards northeast
WD2	29/11/2019	Golden Plover	50	09:57	50	100m	0	50	The birds seen (WD1) were joined by more Golden Plover and were picked up circling higher to c. 175m AGL until lost from view.
RP6	29/11/2019	Buzzard	1	10:21	35	10m	20	15	Buzzard flying northeast to southwest mobbed by Hooded Crow
WD3	29/11/2019	Golden Plover	250	10:34	840	75m	15	825	Large flock of Golden Plover picked up at about 75m AGL. They circled over improved grassland south of the Wind Farm Site between 50-100m AGL for 340s and then gain altitude eventually

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									turning to fly north across the Wind Farm Site at 100-150m AGL.
WD4	29/11/2019	Golden Plover	130	10:45	300	60m	25	275	Flock of c. 130 Golden Plover observed from several of the VPs. Flew at heights from 60-100m, gaining height as they turned before heading north across the Wind Farm Site.
WD5	29/11/2019	Golden Plover	150	10:48	30	80m	0	30	Probably same flock as seen in WD4, flying east to west with views broken by treeline. Flew between 80-100m.
WD6	29/11/2019	Golden Plover	150	10:53	120	60m	0	120	Flock observed, circling up to 100m AGL, all off-site.
WD7	29/11/2019	Snipe	3	10:57	70	30m	0	70	Three Snipe observed flying north-northeast at 30-50m AGL
RP7	29/11/2019	Kestrel	1	11:09	75	25m	0	75	Kestrel hovering (Female/Immature) then landed in conifer
RP8	29/11/2019	Sparrowhawk	1	11:20	10	<5m	0	10	Sparrowhawk, brief sighting of hunting male.
RP9	29/11/2019	Buzzard	1	11:25	60	40m	0	60	Buzzard, seen circling well-off site, west of Kane's Bridge heading south and gaining altitude up to 75m AGL
RP10	29/11/2019	Golden Plover	150	11:27	360	80m	0	360	Flock of Golden Plover seen from multiple VPs, closest to VP3, flying mostly over improved grassland. Initially seen for 200s at 80-100m

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									AGL and then up to 150m AGL as they headed to the south.
RP11	29/11/2019	Golden Plover	150	11:34	160	125m	0	160	Presumably, the same flock as observed in flightline RP10 and earlier on this survey occasion. Birds flew over the top of forested area and headed to southwest towards VP6.
RP12	29/11/2019	Sparrowhawk	1	11:34	105	150m	10	95	Female Sparrowhawk soaring from 150m to 200m AGL while being mobbed by Hooded Crows. Moved off to west.
RP13	29/11/2019	Kestrel	1	12:08	90	20m	0	90	Kestrel (Female/Imm.) hunting. Flew from 20-30m AGL.
RP14	29/11/2019	Kestrel	1	12:55	600	30m	0	600	Kestrel (Female/Imm.) hunting. Twice dropped onto ground but didn't appear to catch prey.
RP15	29/11/2019	Kestrel	1	13:10	480	35m	0	480	Kestrel hunting/hovering from 25m-40m AGL.
RP16	29/11/2019	Kestrel	1	13:25	30	15m	0	30	Kestrel hunting south of VP4
WD8	29/11/2019	Golden Plover	300	13:27	1150	100m	90	1060	Large flock initially seen west of VP2, flew and circled to west/southwest up to 250m AGL, picked up at VP6 and watched for prolonged period circling before heading back to the west
RP17	29/11/2019	Buzzard	1	13:29	35	150m	15	20	Buzzard seen flying high above VP1 moving off to northwest



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RP18	29/11/2019	Buzzard	1	13:44	255	60m	15	240	Buzzard seen soaring over forestry from 60-80m AGL, dropping to 10-20m as it flew to west and lost from view.
RP19	29/11/2019	Sparrowhawk	1	13:52	20	<5m	15	5	Sparrowhawk hunting low along hedges heading to southeast.
RP21	29/11/2019	Kestrel	1	14:29	395	<5m	0	395	Kestrel seen near VP5, mobbed by Jackdaws and flew east before circling back and hunting (20-40m AGL) over forestry and improved grassland.
RP20	29/11/2019	Sparrowhawk	1	14:29	70	30m	40	30	Sparrowhawk seen hunting over grassland and forestry, dropped low (<5m AGL) into forestry.
RP22	29/11/2019	Peregrine Falcon	1	14:34	45	10m	0	45	Peregrine Falcon hunting passerines (finch flock) near VP6.
RP23	29/11/2019	Kestrel	1	14:44	45	25m	0	45	Kestrel (Female/Imm.) huntin to the north of VP6.
RP24	11/12/2019	Hawk (possible Goshawk)	1	09:08	105	30m	35	70	Possible Goshawk observed flying over forestry. Appeared to display with series of stoops and banks. Prominent white under-tail coverts. Same bird seen later at VPs [RP25]
RP25	11/12/2019	Hawk (possible Goshawk)	1	09:42	40	50m	0	40	Same bird seen earlier further south [RP24]. Large bulky hawk. Display flights over conifers with slow wing beats with 'full flap' followed by undulating flight. Flew between 40-75m AGL
WD9	11/12/2019	Golden Plover	50	09:50	30	40m	0	30	Flock of c. 50 Golden Plover seen off-site west of VP1

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RP26	11/12/2019	Sparrowhawk	1	10:46	5	<5m	0	5	Brief sighting of male Sparrowhawk hunting low over the ground.
RP27	11/12/2019	Kestrel	1	10:51	15	10m	0	15	Kestrel hunting near VP4, dropped on bush.
RP28	11/12/2019	Kestrel	1	11:14	150	10m	0	150	Kestrel seen near VP5, hunted briefly, perching intermittently before flying off to east and out of view.
RP29	11/12/2019	Kestrel	1	11:24	145	40m	0	145	Kestrel hunting northeast of VP5 over improved grassland. Stayed 40-60m AGL.
RP30	11/12/2019	Buzzard	1	11:46	215	70m	110	105	Buzzard soaring over forestry 70-80m AGL. Moved to the east and out of view
RP31	11/12/2019	Buzzard	1	11:51	180	30m	20	160	Buzzard flying over mature forestry at 25-50m AGL.
RP32	11/12/2019	Sparrowhawk	2	12:01	90	25m	15	75	Pair of Sparrowhawks flying and soaring, one dipped low and into forestry and second bird climbed to 40m AGL and moved off to the east.
RP33	11/12/2019	Kestrel	1	12:02	15	10m	0	15	Kestrel hovering low over improved grassland - then dropped to perch.
RP34	11/12/2019	Kestrel	1	12:14	120	25m	120	0	Kestrel hunting over mature conifers at 25-50m AGL.
RP35	11/12/2019	Hen Harrier	1	12:53	80	20m	20	60	Hen Harrier (Ringtail) flew over forestry 20-30m AGL heading east.
RP36	11/12/2019	Kestrel	1	13:02	5	<5m	5	0	Brief sightings of Kestrel flying near ground level.
RP37	11/12/2019	Kestrel	1	13:03	45	10m	0	45	Kestrel hunting over improved

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									grassland, north of VP5 from 10-15m AGL
RP38	11/12/2019	Kestrel	1	13:08	40	30m	0	40	Kestrel hunting near VP4 from 30-40m AGL.
RP39	11/12/2019	Kestrel	1	13:14	90	30m	0	90	Kestrel hunting over mature conifers at 25-50m AGL.
RP40	11/12/2019	Kestrel	1	13:29	25	15m	0	25	Kestrel flying over improved grassland at 15-25m AGL heading west.
RP41	11/12/2019	Sparrowhawk	1	14:51	40	10m	5	35	Sparrowhawk heading south over conifers at 10-25m AGL.
RP42	11/12/2019	Kestrel	1	15:09	35	25m	0	35	Kestrel hunting near VP4.
RP43	11/12/2019	Hen Harrier	1	15:18	40	55m	40	0	Hen Harrier (Ringtail) flying northwards over grassland and conifers at 55-100m AGL
RP44	15/01/2020	Kestrel	1	10:50	5	20m	0	5	Brief sighting of Kestrel dropping from hover southwest of VP1.
RP45	15/01/2020	Sparrowhawk	1	10:51	10	10m	5	5	Sparrowhawk flying north, seen from VP5.
RP46	15/01/2020	Sparrowhawk	1	11:16	30	25m	30	0	Sparrowhawk flying over forestry, dropped down from view.
RP47	15/01/2020	Buzzard	1	11:36	30	<5m	10	20	Buzzard flying north and then east and joining a second Buzzard perched among trees.
RP48	15/01/2020	Sparrowhawk	1	11:44	10	<5m	0	10	Sparrowhawk flying low over rough grassland and along treeline. Mobbed by Hooded Crows.
RP49	15/01/2020	Buzzard	2	13:00	720	35m	490	230	Two Buzzards flying together and drifting higher across the Wind Farm Site at 50m AGL heading to northeast.

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RP50	15/01/2020	Buzzard	1	13:10	140	30m	140	0	Buzzard soaring over forestry moving south.
RP51	15/01/2020	Kestrel	1	14:07	20	20m	15	5	Kestrel being mobbed by Hooded Crows, departed to southwest.
RP52	15/01/2020	Kestrel	1	14:13	130	20m	0	130	Kestrel hunting/flying over rough grassland and scrub and then over patches of improved grassland.
RP53	15/01/2020	Kestrel	1	14:57	70	10m	0	70	Kestrel hunting over improved grassland near VP2 and dropped low near edge of forestry.
RP54	15/01/2020	Buzzard	1	14:59	20	30m	20	0	Buzzard flying over forestry east of VP2
RP55	04/02/2020	Sparrowhawk	1	09:30	10	15m	10	0	Sparrowhawk flying northeast over Wind Farm Site.
RP56	04/02/2020	Kestrel	1	10:35	250	25m	0	250	Kestrel hunting, gaining height to 60m AGL.
RP57	04/02/2020	Kestrel	1	10:40	10	15m	0	10	Kestrel hunting over improved grassland.
RP58	04/02/2020	Buzzard	1	12:01	30	10m	0	30	Buzzard flying west at 10-15m AGL.
RP59	04/02/2020	Kestrel	1	12:04	140	50m	0	140	Kestrel hunting to north of VP5 at 50m AGL.
RP60	04/02/2020	Kestrel	1	12:10	30	15m	0	30	Kestrel hunting while flying north over forestry.
RP61	04/02/2020	Kestrel	1	12:14	45	30m	0	45	Kestrel hovering south of VP3 at 30m AGL and appeared to drop to ground.
RP62	04/02/2020	Buzzard	2	12:37	420	40m	120	300	One Buzzard, quickly joined by a second bird and these dropped low <5m AGL approaching VP5. One bird perched and the other flew onwards to northeast at <5m

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									AGL.
RP63	04/02/2020	Kestrel	1	12:40	10	20m	0	10	Kestrel flying north over forestry.
RP64	04/02/2020	Buzzard	2	13:05	170	15m	0	170	Two Buzzards flying southeast gathering altitude to 25m AGL
RP65	04/02/2020	Kestrel	1	13:08	5	10m	0	5	Brief sighting of hunting Kestrel.
RP66	04/02/2020	Buzzard	1	13:39	140	30m	20	120	Buzzard flying north dropping from 30m gradually to 10m AGL.
RP67	04/02/2020	Kestrel	1	13:47	510	10m	40	470	Kestrel hunting from 10-40m AGL slowly heading west and then northwest.
RP68	04/02/2020	Kestrel	1	14:05	150	15m	30	120	Kestrel hunting heading north.
RP69	04/02/2020	Buzzard	1	14:06	165	30m	55	110	Buzzard circling from 30-60m AGL before dropping into young forestry.
RP70	04/02/2020	Buzzard	1	14:13	125	30m	0	125	Initially circling at 30m, dropped low (<5m AGL) towards end of the flight.
RP71	04/02/2020	Buzzard	1	14:20	150	10m	0	150	Buzzard gaining height to 30m AGL slowly heading to north.
RP72	04/02/2020	Buzzard	1	14:27	10	20m	0	10	Brief sighting of Buzzard flying along edge of forestry.
RP73	04/02/2020	Kestrel	1	14:35	300	10m	50	250	Kestrel observed hunting for several minutes over improved grassland, headed south initially before circling back to north.
RP74	04/02/2020	Kestrel	1	14:48	60	15m	0	60	Kestrel heading northwest hunting. 12-30m AGL.
RP75	04/02/2020	Kestrel	1	14:49	15	10m	0	15	Kestrel hunting off-site.

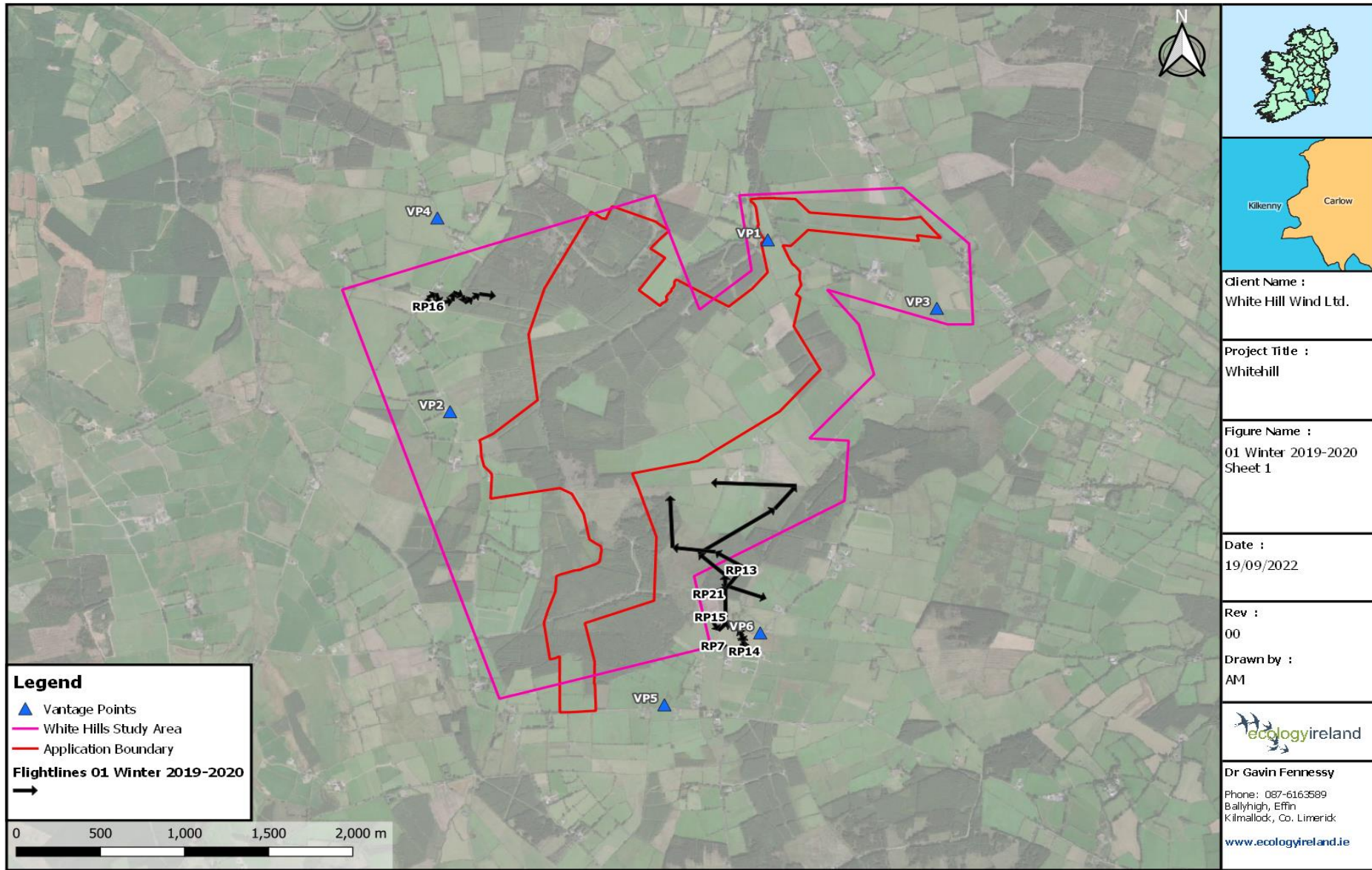
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Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP77	04/02/2020	Buzzard	1	15:11	460	30m	15	445	Buzzard circling up to 200m AGL and drifting southeast, dropping to 15m AGL towards end of observation.
RP76	04/02/2020	Kestrel	1	15:11	20	30m	0	20	Kestrel heading south.
RP78	06/03/2020	Sparrowhawk	1	10:04	5	<5m	0	5	Brief sighting of hunting female Sparrowhawk.
RP79	06/03/2020	Buzzard	1	10:41	120	10m	30	90	Buzzard circling and hunting across site heading to east.
RP80	06/03/2020	Buzzard	1	11:39	240	50m	0	240	Buzzard circling over forestry and improved grassland, Spent 20s at 25-50m AGL, 200s sec at 50-100m AGL and 20s at 100-120m AGL
RP81	06/03/2020	Buzzard	1	11:46	30	5m	10	20	Buzzard heading west north of VP6.
RP82	06/03/2020	Buzzard	1	11:55	50	25m	0	50	Buzzard hunting over rough grassland and forestry at 25-40m AGL.
RP83	06/03/2020	Kestrel	1	12:10	35	30m	0	35	Kestrel hovering and hunting 30-40m AGL north of VP5
RP84	06/03/2020	Buzzard	1	12:11	40	25m	0	40	Buzzard flying over conifers at 25-45m AGL.
RP85	06/03/2020	Kestrel	1	12:14	60	25m	0	60	Kestrel hunting north of VP5 at 25-35m AGL.
RP86	06/03/2020	Buzzard	2	12:23	255	25m	25	230	Buzzard drifting north at 25m AGL joined by second bird. Circled and headed north
RP87	06/03/2020	Buzzard	1	12:31	130	35m	0	130	Buzzard circling and soaring up to 90m before plunging to ground.
RP88	06/03/2020	Buzzard	2	12:36	60	15m	0	60	Buzzards circling at 15-25m AGL heading south.

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RP89	06/03/2020	Buzzard	1	13:15	25	10m	10	15	Buzzard flying quickly to the west.
RP90	06/03/2020	Buzzard	1	13:18	50	50m	15	35	Buzzard circling at 50m then rapidly descending to ground.
RP91	06/03/2020	Buzzard	1	13:53	35	50m	5	30	Buzzard flying quickly to the north at 50-75m AGL
RP92	06/03/2020	Kestrel	1	14:03	540	50m	0	540	Kestrel observed hunting north of VP6. 25-50m AGL for 40s, 50-100m AGL for 40s and 100-150m AGL for 100s
RP93	06/03/2020	Kestrel	1	14:11	105	30m	0	105	Kestrel hunting and circling up to 50m AGL, gaining more altitude up to 70m AGL heading north.
RP94	06/03/2020	Buzzard	1	14:15	30	40m	30	0	Buzzard circling from 25-100m AGL northeast of VP2.
RP95	06/03/2020	Buzzard	1	14:26	130	10m	0	130	Buzzard circling south of VP2.
RP96	06/03/2020	Buzzard	1	14:36	100	40m	35	65	Buzzard heading southwest getting mobbed by Kestrel [RP97]
RP97	06/03/2020	Kestrel	1	14:36	100	50m	0	100	Kestrel mobbing Buzzard [RP96]
RP98	06/03/2020	Buzzard	1	14:44	90	80m	0	90	Buzzard soaring and hanging in the wind and then dropped quickly.
RP99	06/03/2020	Buzzard	1	14:48	350	150m	15	335	Buzzard soaring high heading north gaining height to 400m AGL and then dropping back to 250m AGL.
RP100	06/03/2020	Buzzard	2	15:01	420	50m	300	120	Buzzard joined by second bird and both flew together to the north gaining height to 120m AGL.
RP101	06/03/2020	Buzzard	1	15:05	30	30m	15	15	Buzzard circling from 30-50m AGL heading east to the west of VP1.
RP102	06/03/2020	Kestrel	1	15:25	15	10m	0	15	Kestrel (Female/Imm.) hovering

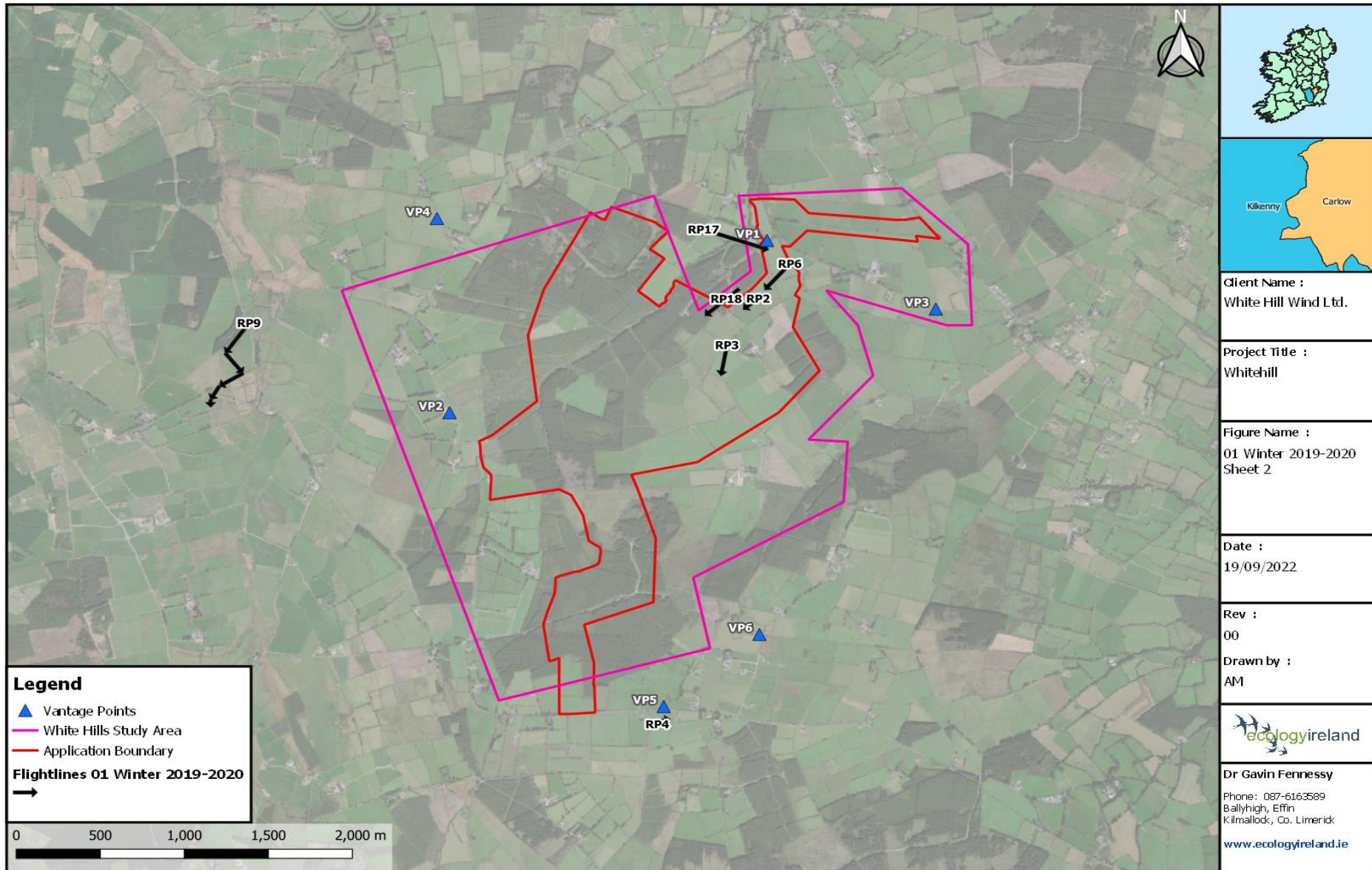
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Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									briefly near VP5.
RP103	07/03/2020	Buzzard	1	10:05	90	80m	0	90	Buzzard soaring south of VP3 flying to northwest.
RP104	07/03/2020	Buzzard	1	11:40	60	60m	0	60	Buzzard soaring/flying north of conifers.
RP105	07/03/2020	Kestrel	1	13:39	70	40m	50	20	Kestrel hunting before dropping from view to the ground.
RP106	07/03/2020	Buzzard	1	14:12	175	80m	20	155	Buzzard soaring and circling up to 90m AGL heading south.
RP107	07/03/2020	Sparrowhawk	1	14:12	205	50m	30	175	Sparrowhawk with similar flightline of Buzzard [RP106] as it headed south gaining height to 60m AGL.
WT1	07/03/2020	Lesser Black-backed Gull	1	14:17	70	80m	0	70	Lesser Black-backed Gull flying to northwest.
RP108	07/03/2020	Buzzard	1	14:40	325	55m	25	300	Buzzard soaring and flying slowly to northwest.

**Table A5.3.1: Flightline Descriptions for the Winter Season 2019/2020.**

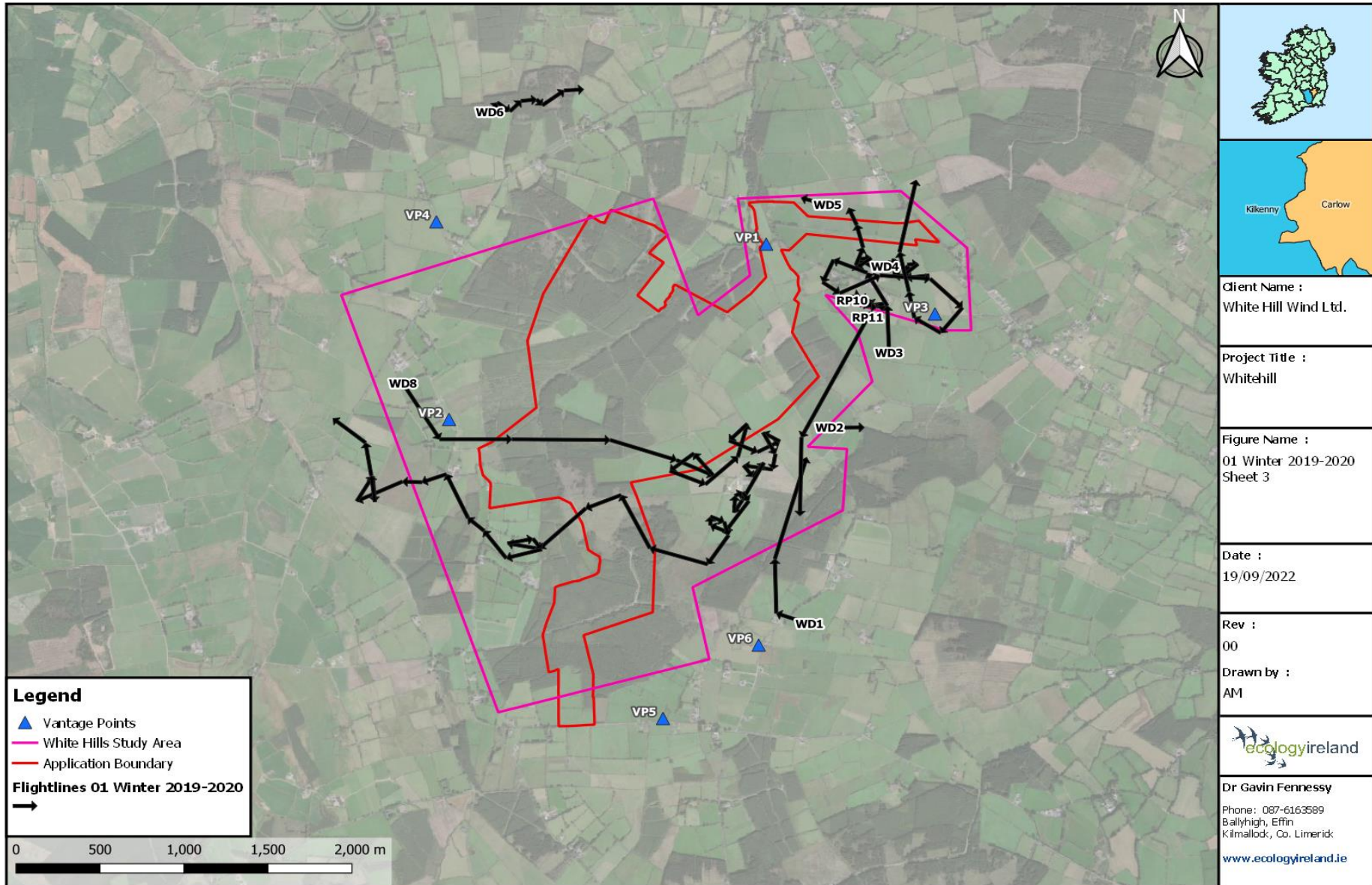




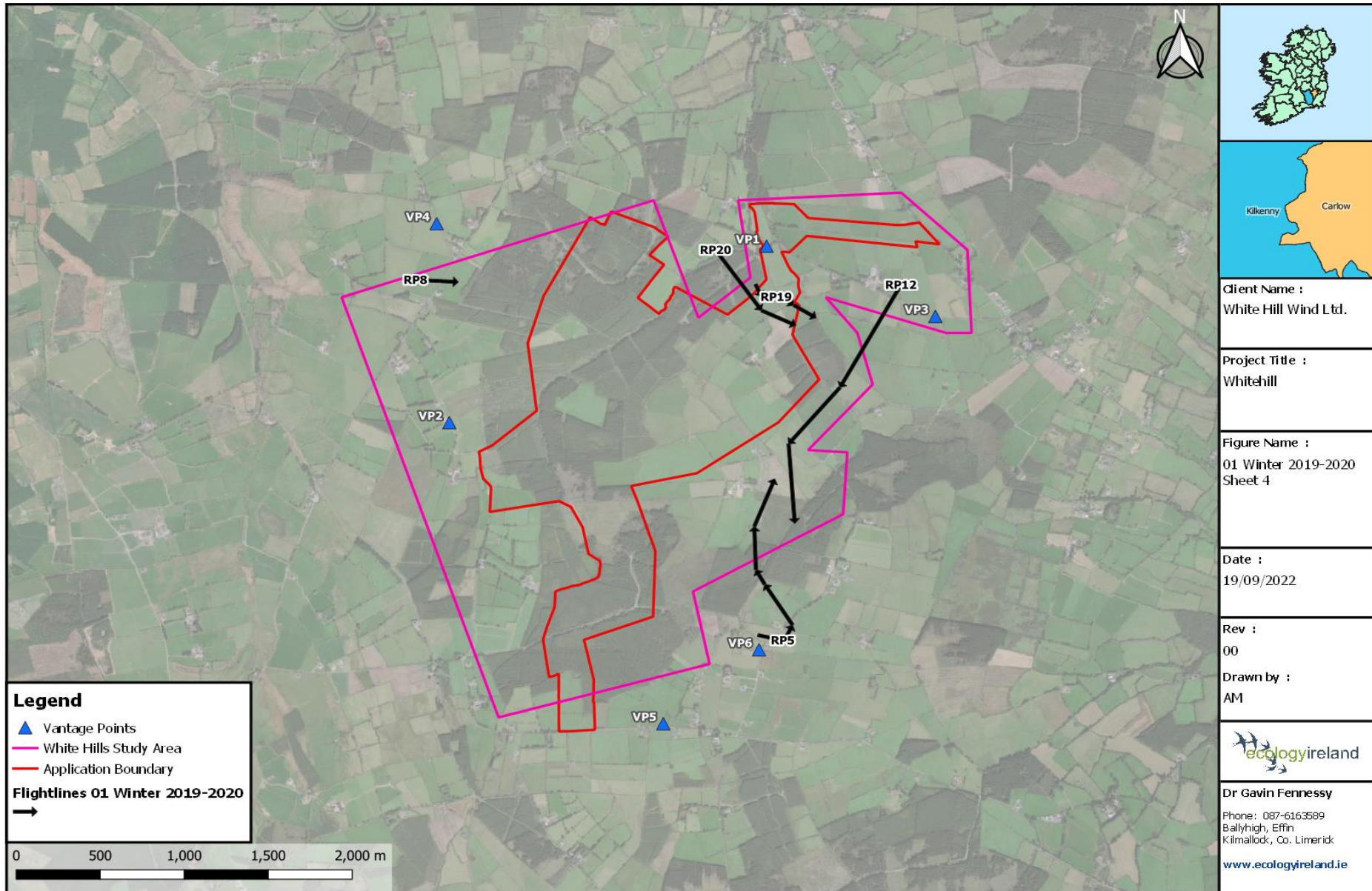




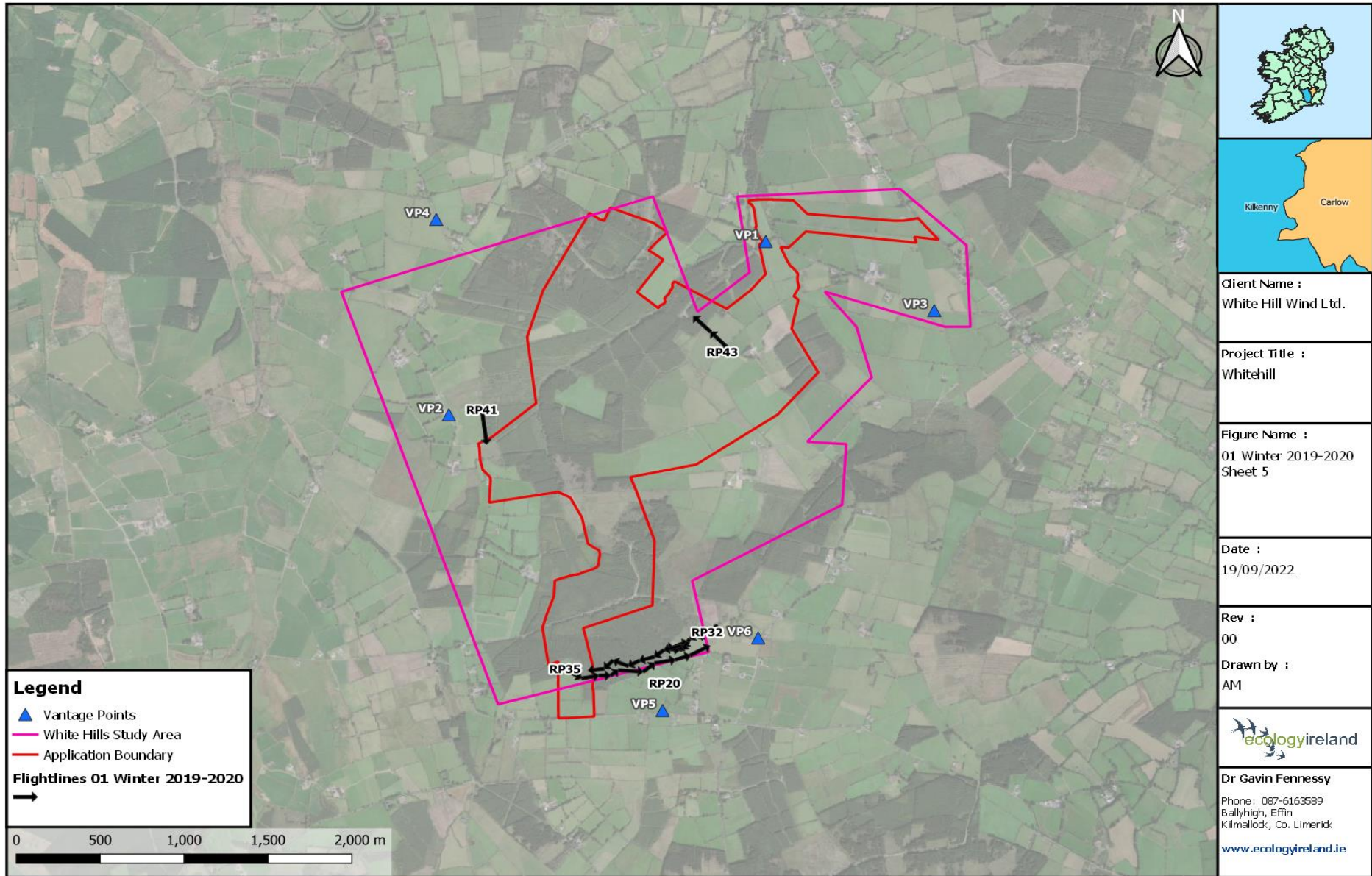




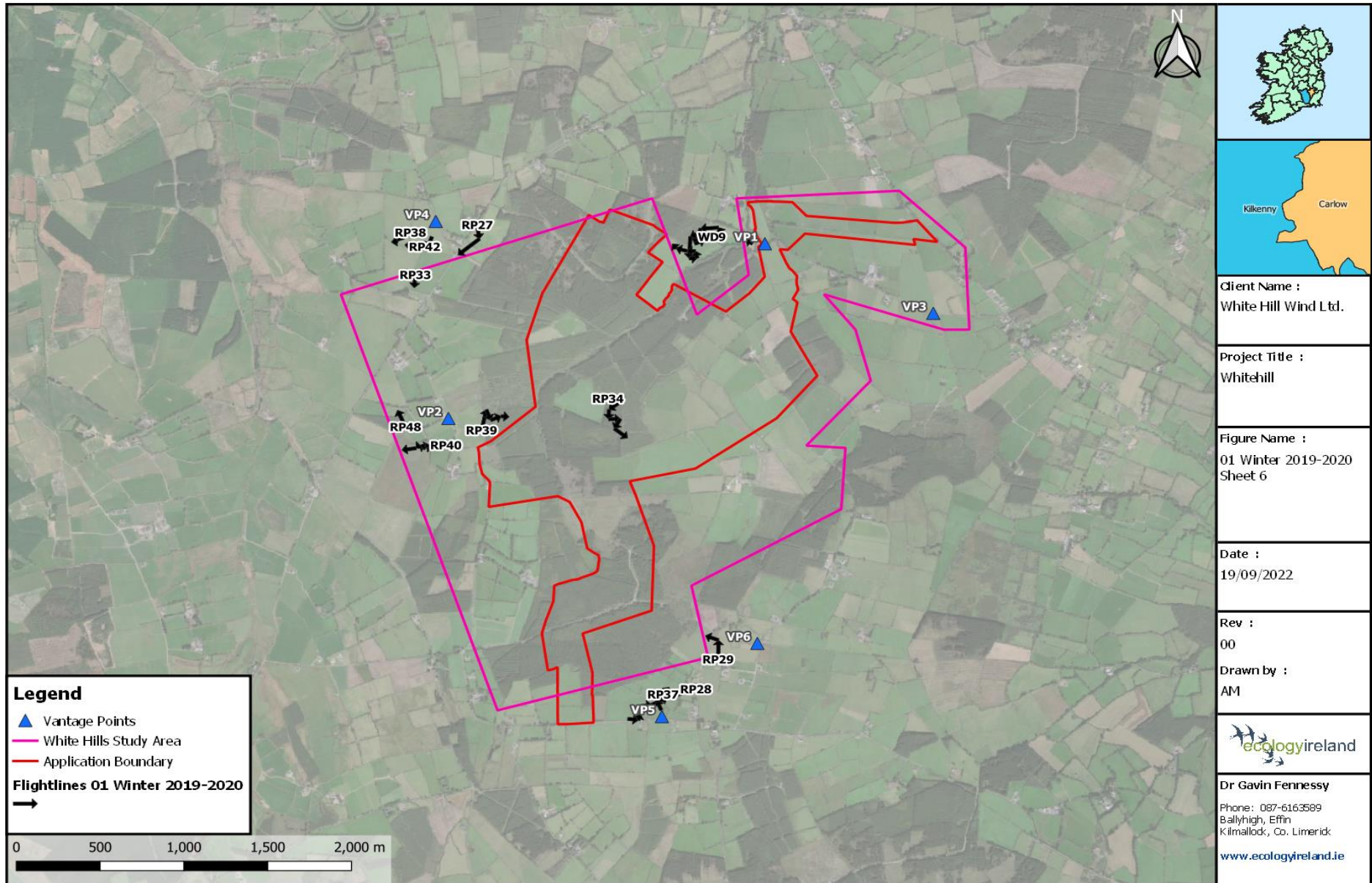






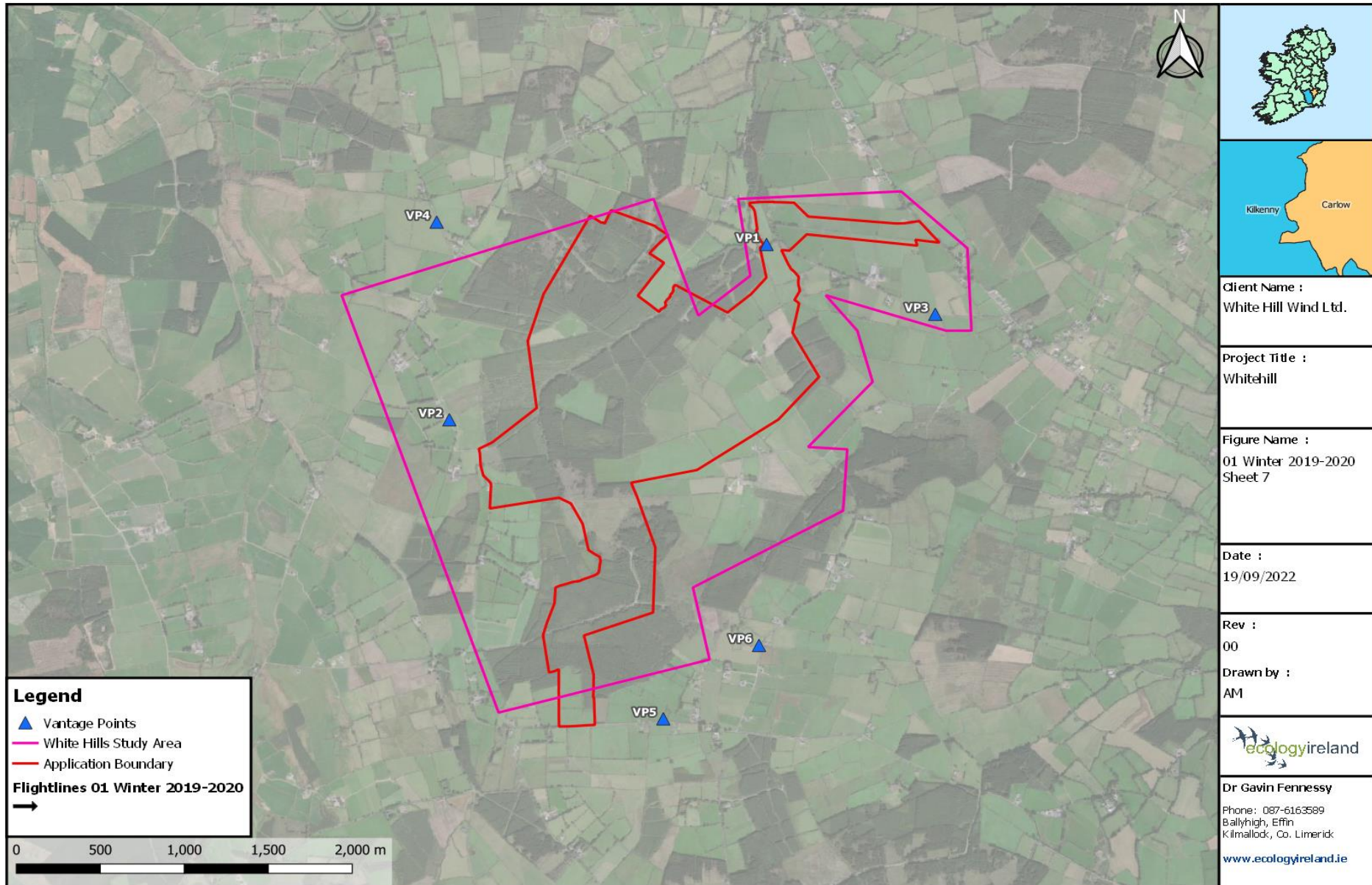




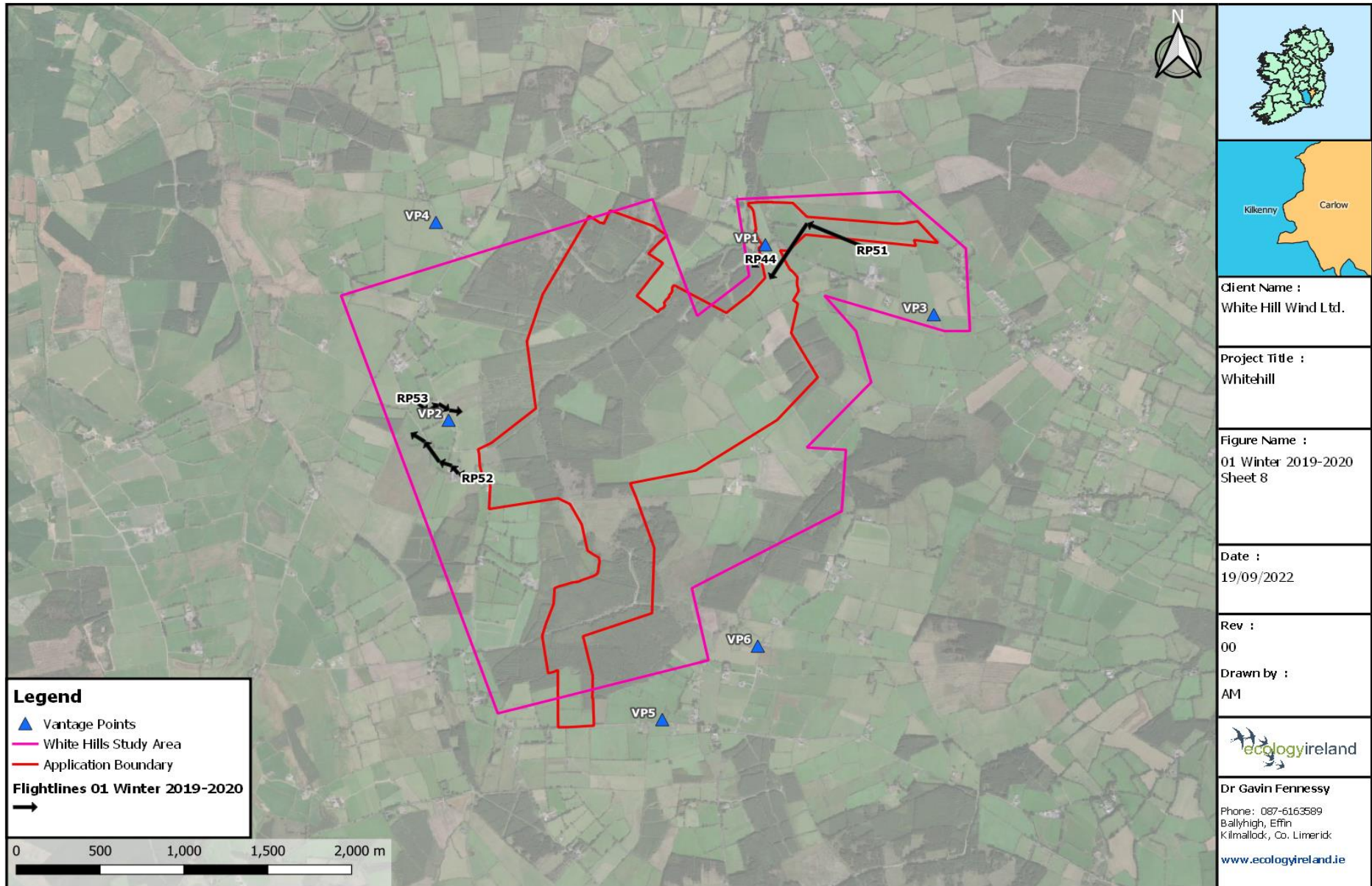


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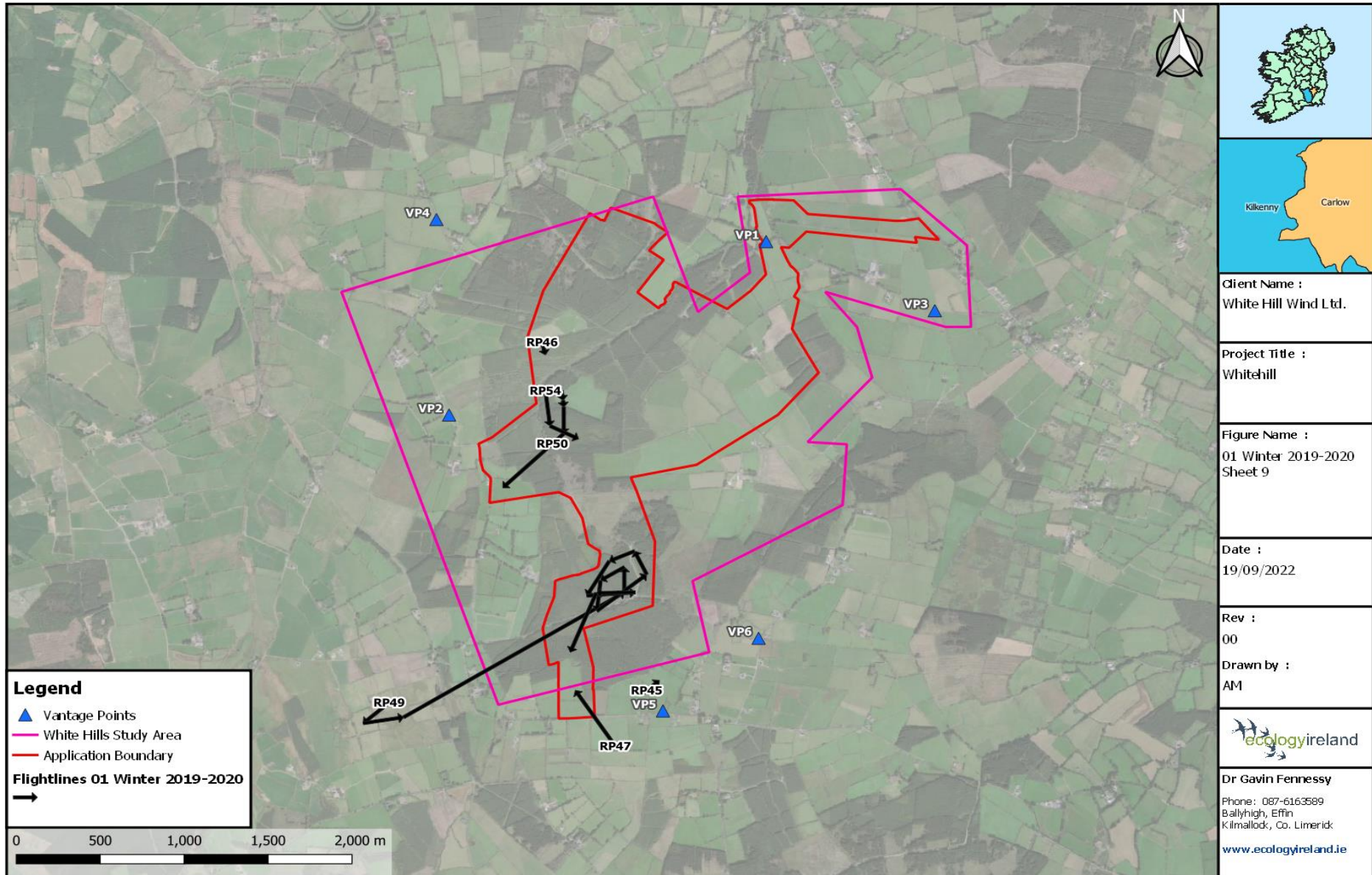




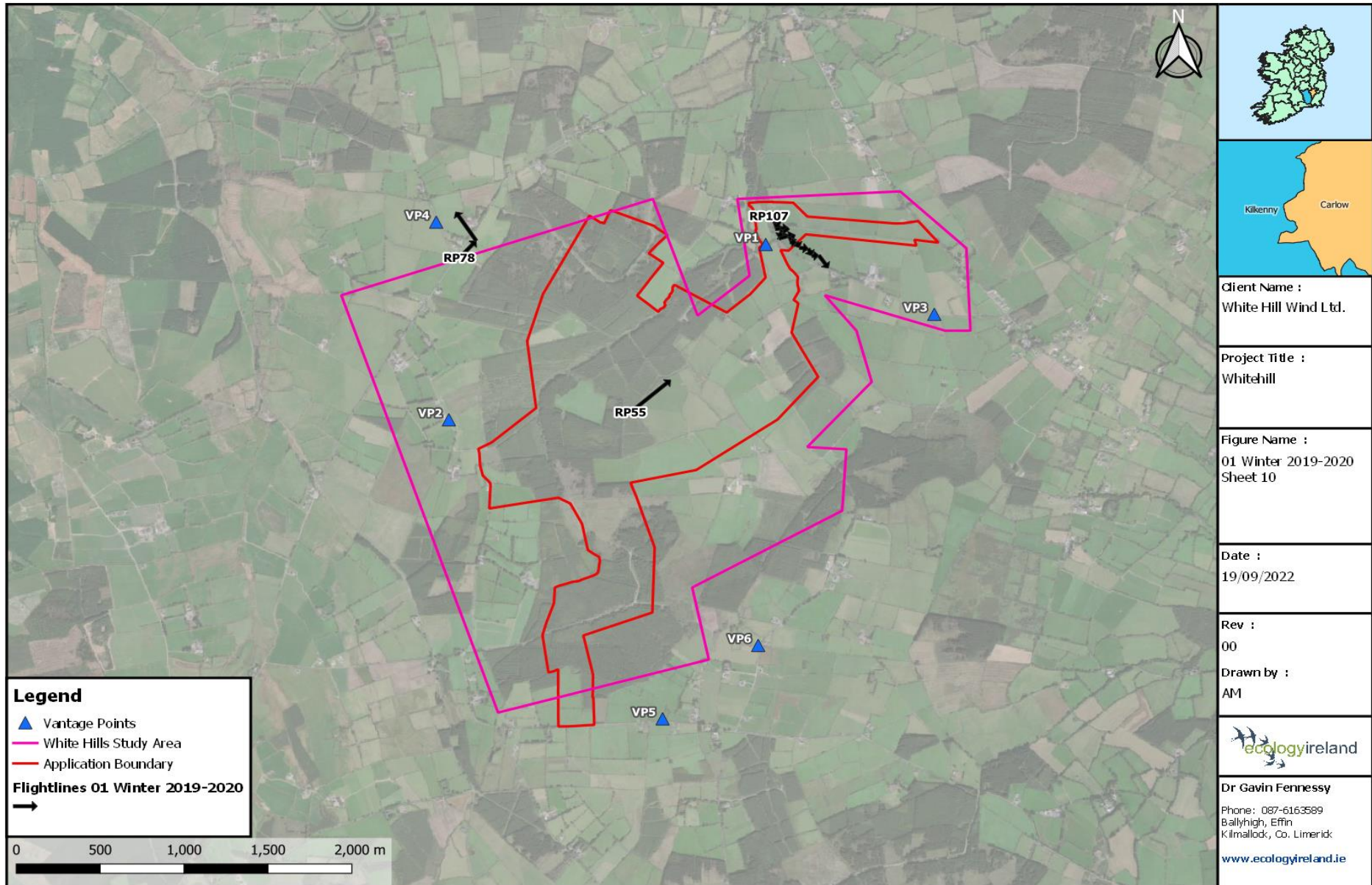




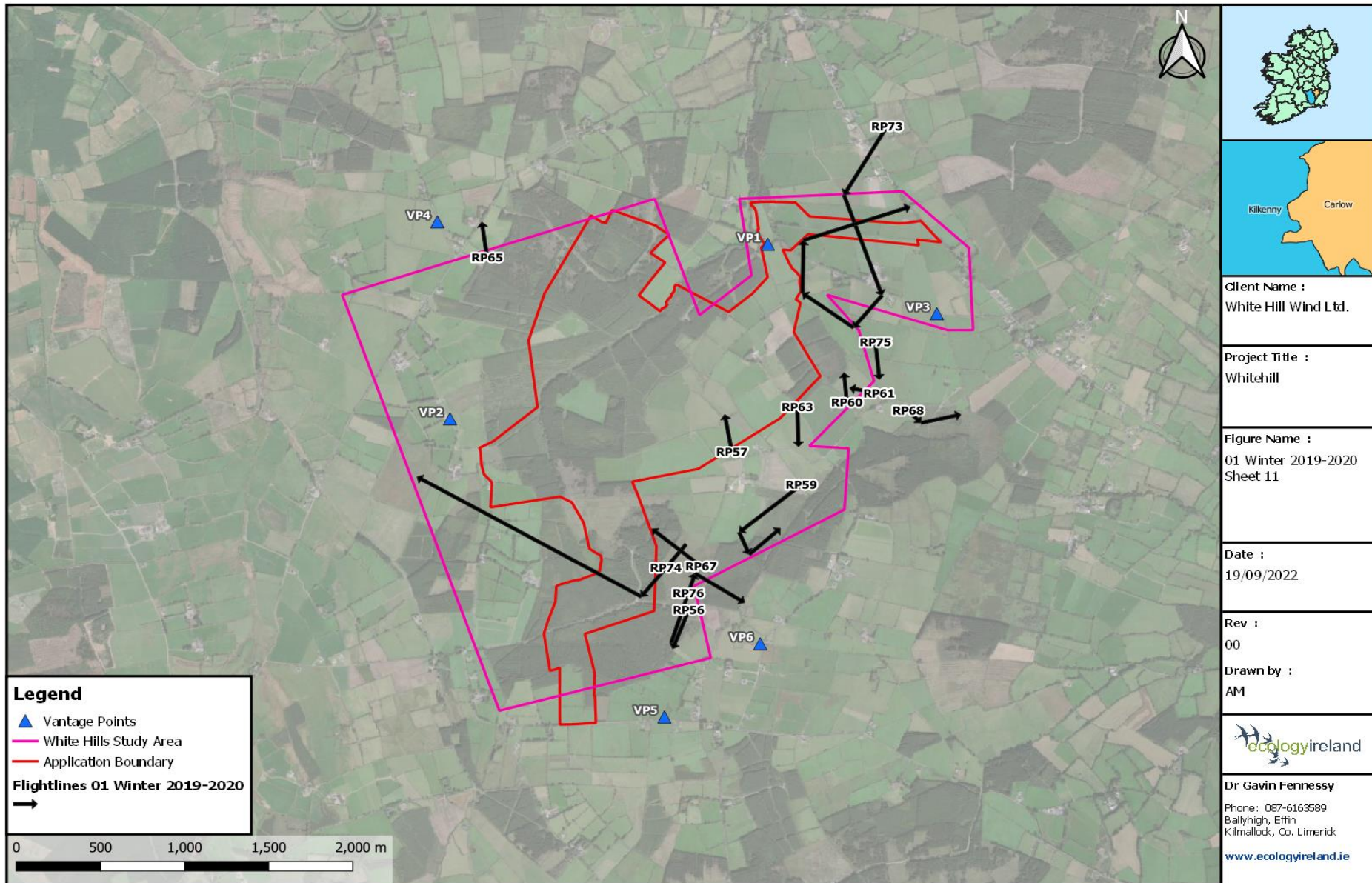




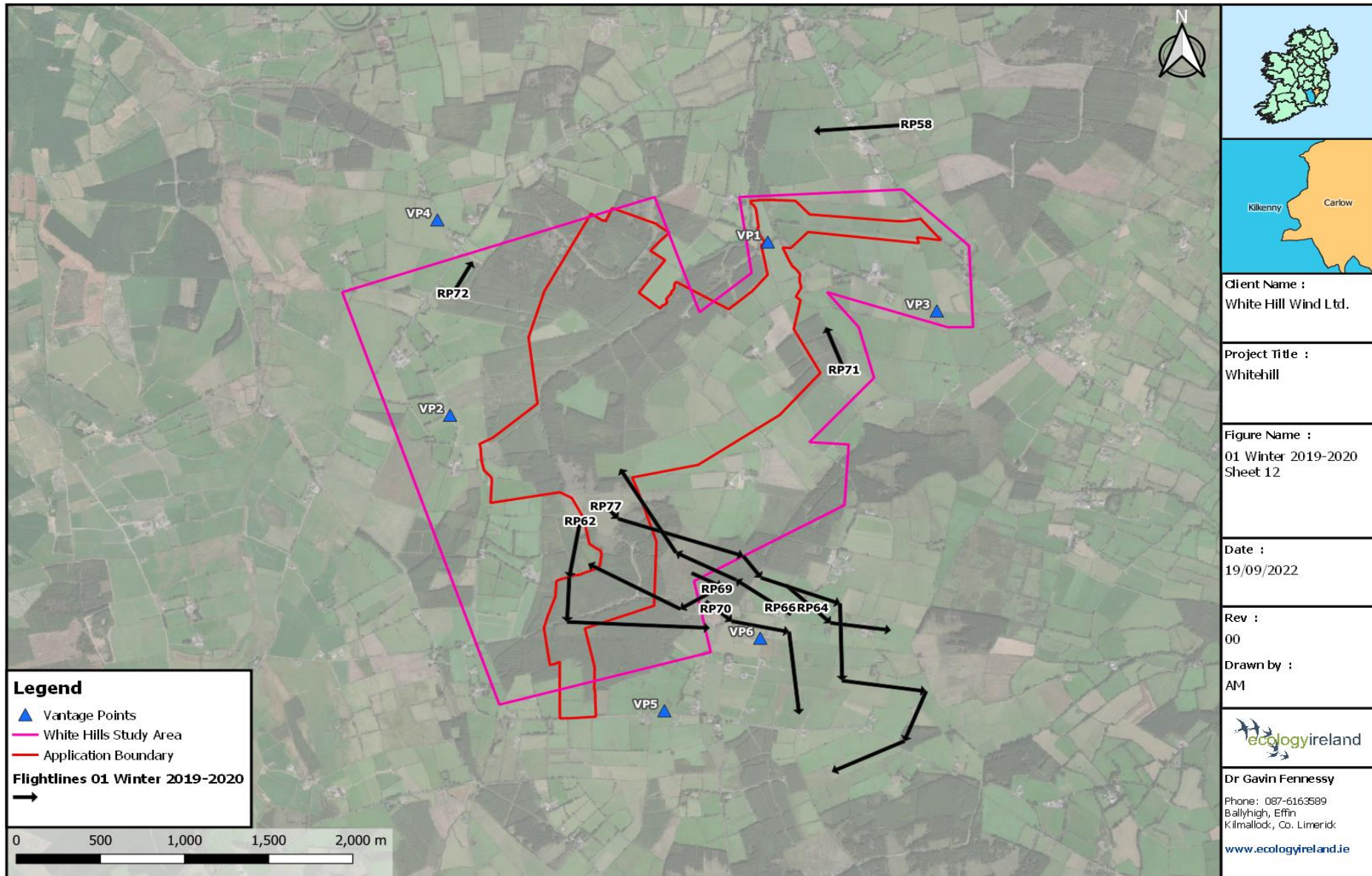




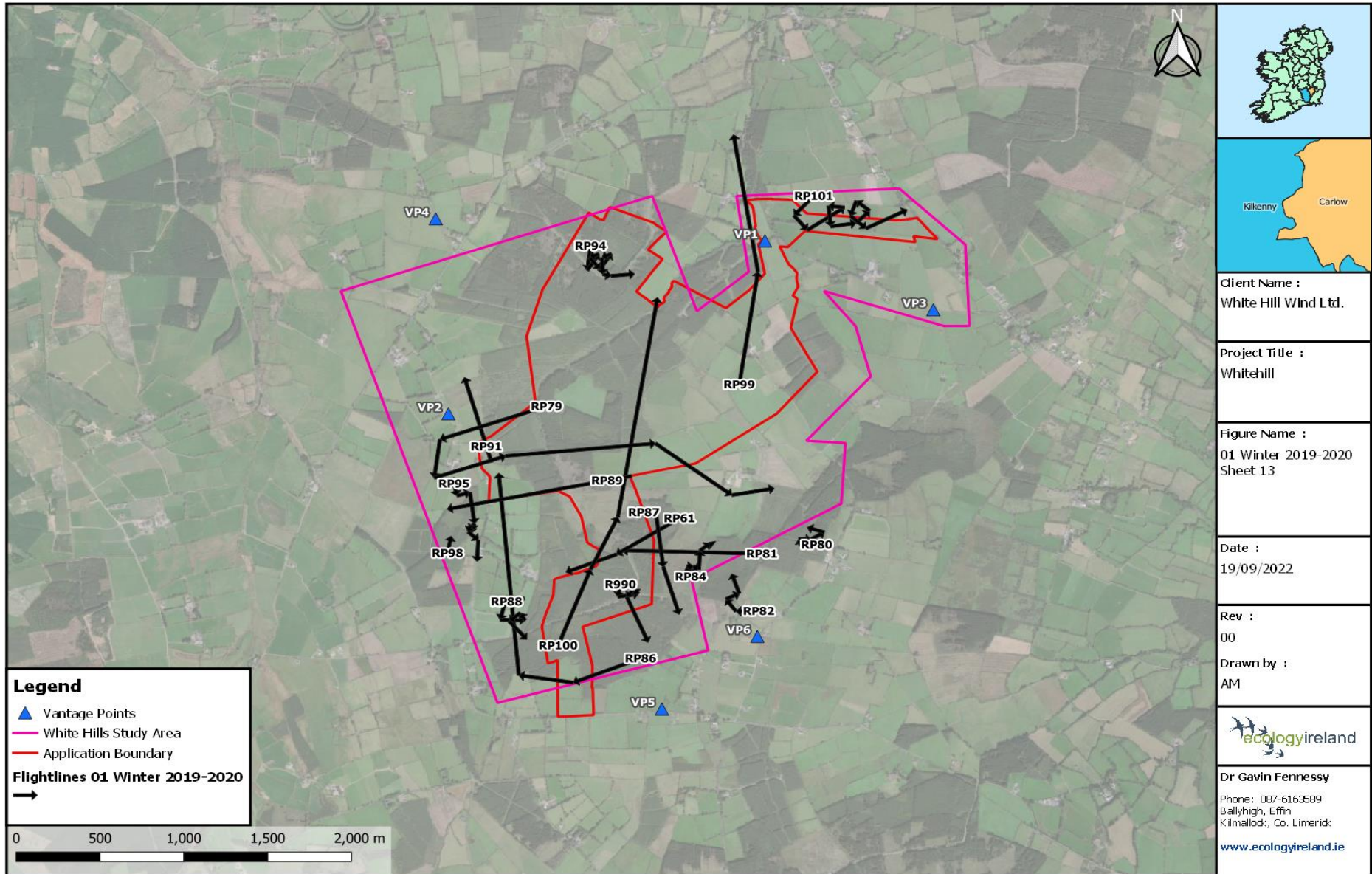




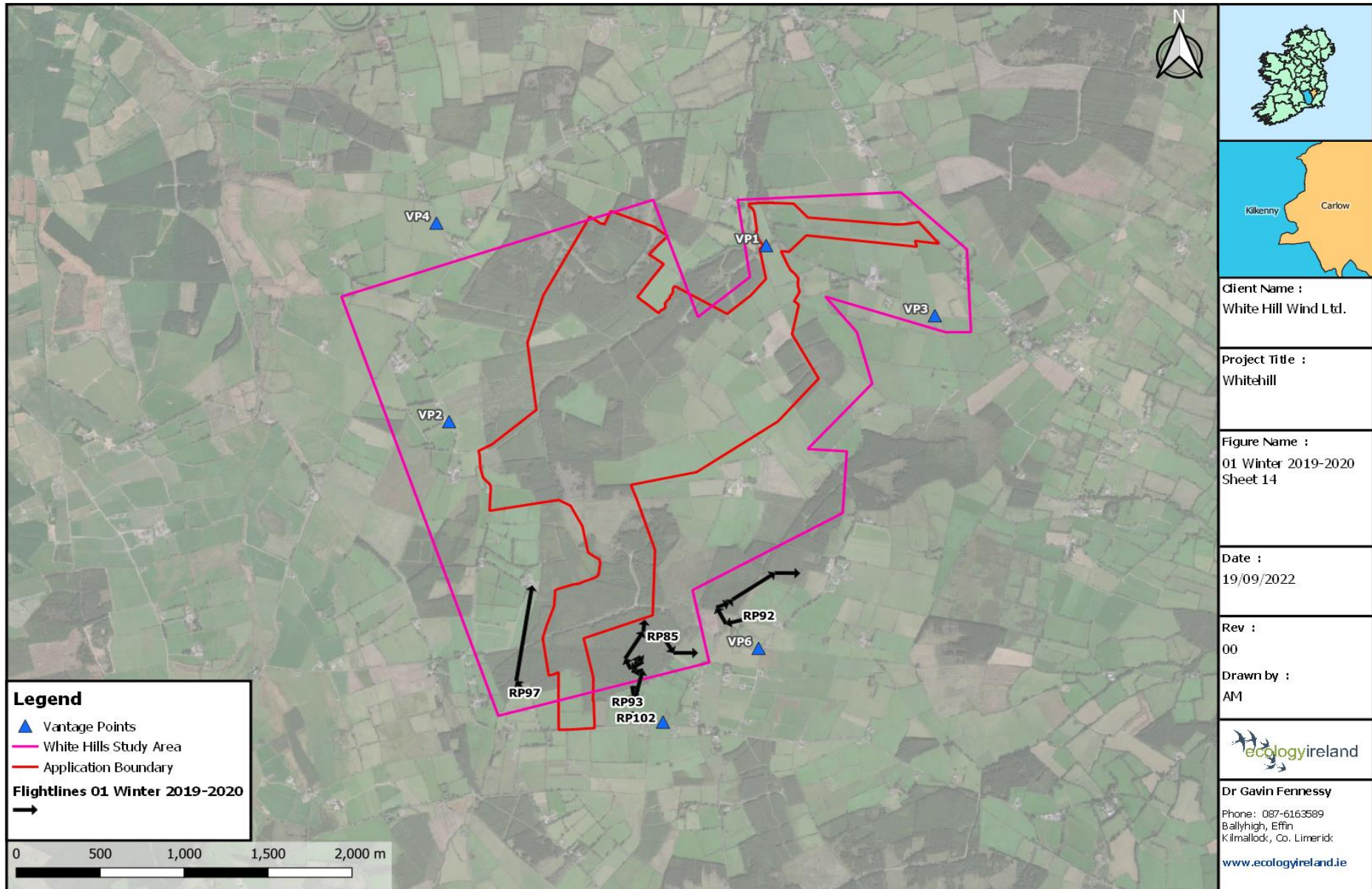




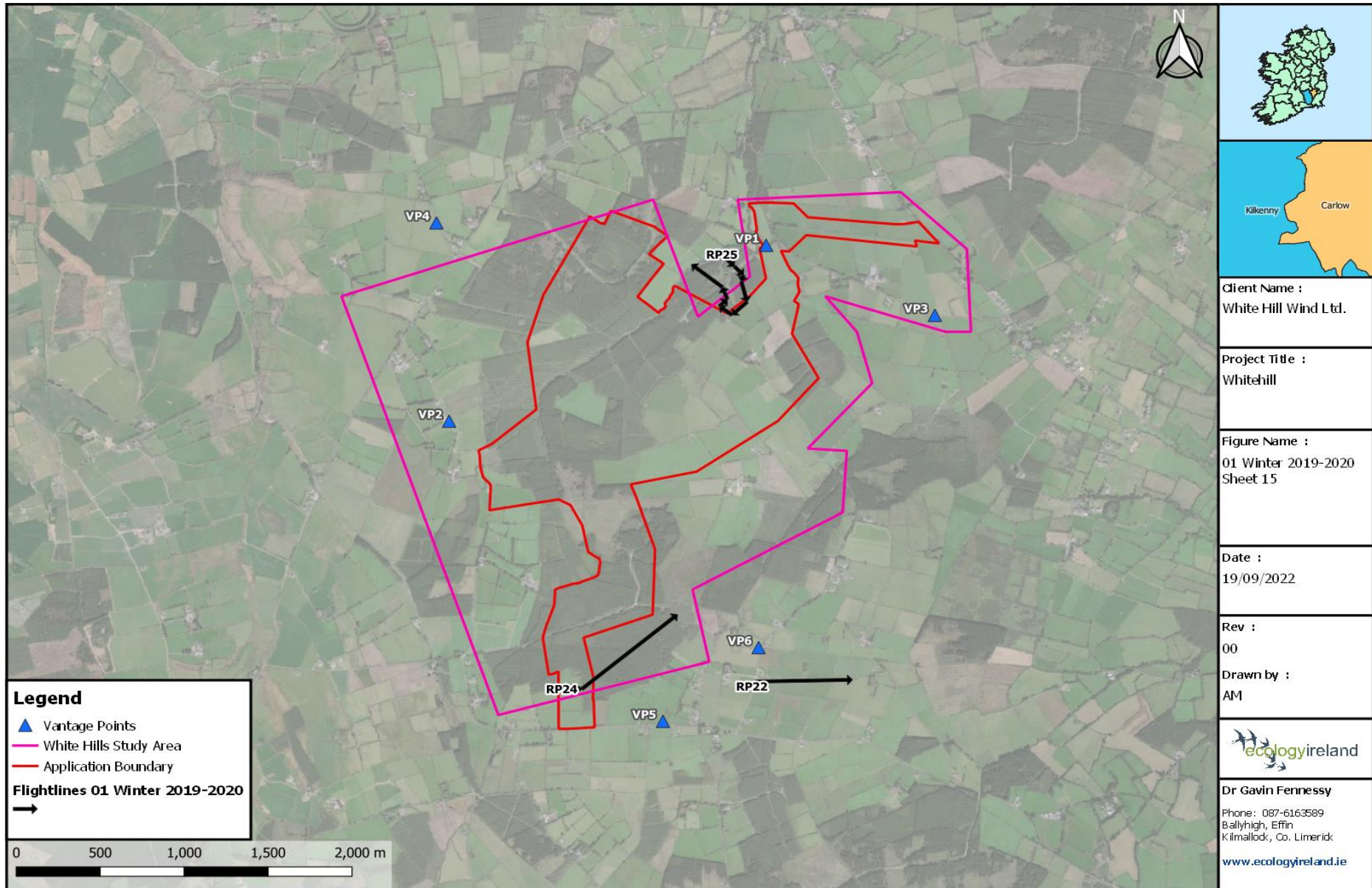




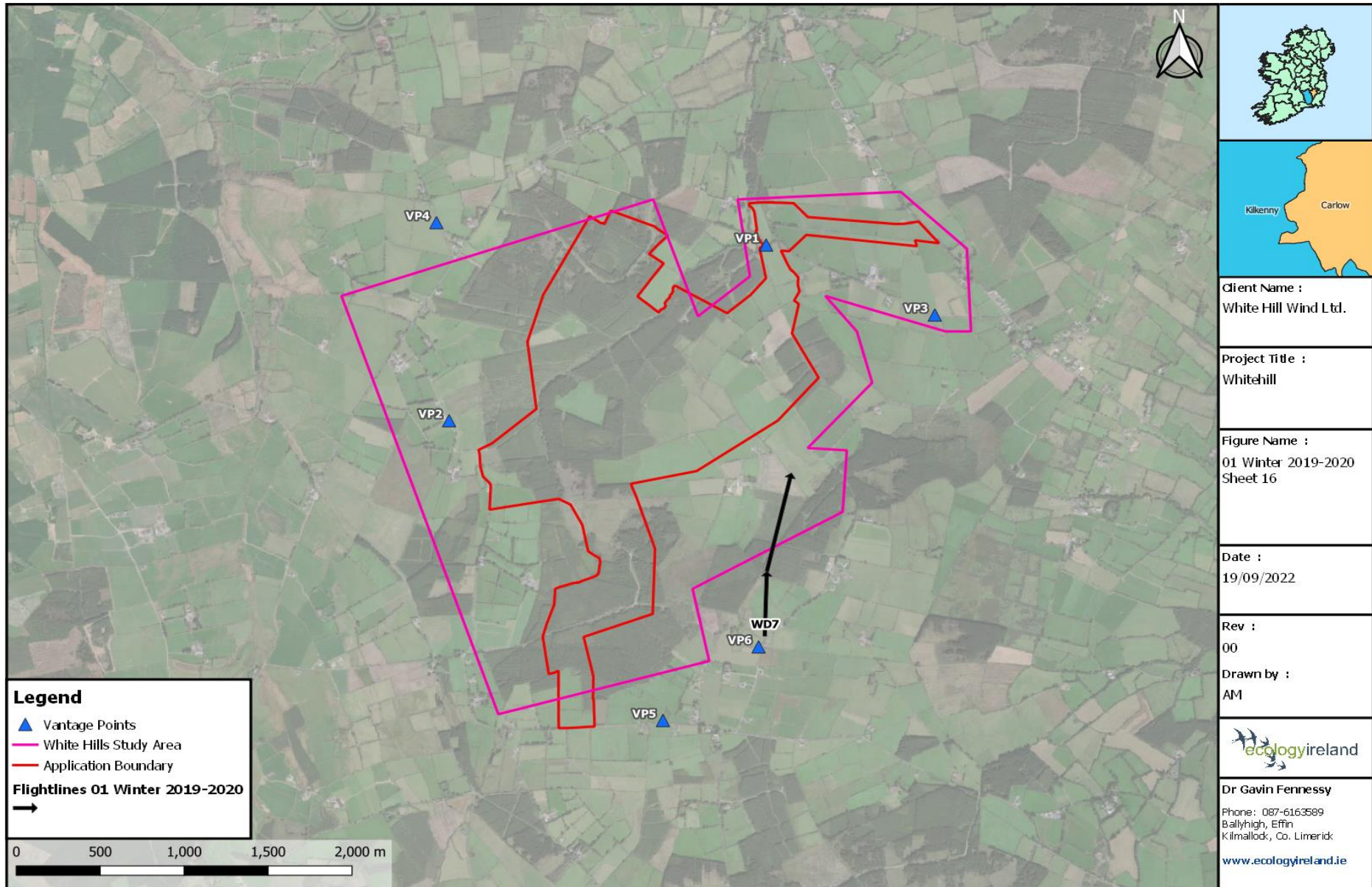














Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP1	07/03/2020	Buzzard	1	10:05	90	80m	0	90	Buzzard soaring south of VP3 flying to northwest.
RP2	07/03/2020	Buzzard	1	11:40	60	60m	0	60	Buzzard soaring/flying north of conifers.
RP3	07/03/2020	Kestrel	1	13:39	70	40m	50	20	Kestrel hunting before dropping from view to the ground.
RP4	07/03/2020	Buzzard	1	14:12	175	80m	20	155	Buzzard soaring and circling up to 90m AGL heading south.
RP4	07/03/2020	Sparrowhawk	1	14:12	205	50m	30	175	Sparrowhawk with similar flightline of Buzzard [RP106] as it headed south gaining height to 60m AGL.
WT1	07/03/2020	Lesser Black-backed Gull	1	14:17	70	80m	0	70	Lesser Black-backed Gull flying to northwest.
RP5	07/03/2020	Buzzard	1	14:40	325	55m	25	300	Buzzard soaring and flying slowly to northwest.
RP6	23/04/2020	Sparrowhawk	1	08:19	25	25m	0	25	Sparrowhawk flying south off-site.
WT2	23/04/2020	Grey Heron	2	08:22	30	25m	0	30	Two Grey Herons flying south off-site.
WD1	23/04/2020	Golden Plover	130	08:49	210	20m	50	160	Flock of Golden Plover flying from 5-35m AGL. Dropped from view north of VP6.
WD2	23/04/2020	Golden Plover	269	10:01	300	20m	200	100	Flock circling and heading north over Wind Farm Site from 20-30m AGL. Gaining altitude and from 50m-100m AGL for 200s and 100m-150m for 50s.
WD3	23/04/2020	Golden Plover	18	10:03	110	60m	80	30	Small flock of Golden Plover flying north at 60-70m AGL.
WD4	23/04/2020	Golden Plover	30	10:05	30	40m	20	10	Golden Plover flying to northeast

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									past VP1.
RP7	23/04/2020	Buzzard	1	10:06	165	75m	0	165	Buzzard soaring from 70-100m AGL.
RP8	23/04/2020	Buzzard	1	10:09	10	25m	0	10	Buzzard flying over forestry.
RP9	23/04/2020	Buzzard	1	11:01	330	125m	0	330	Buzzard circling at 125m AGL initially but mostly at 40-70m AGL before dropping low
RP10	23/04/2020	Buzzard	2	11:07	480	35m	350	130	Buzzard soaring and circling together from 35m-60m. Both dropped into forestry.
RP11	23/04/2020	Buzzard	2	11:11	135	70m	0	135	Buzzard soaring from 70-100m AGL, joined for brief period by second bird which dropped quickly from view.
RP12	23/04/2020	Buzzard	2	11:32	300	100m	0	300	Two Buzzards soaring from 50-100m off-site.
RP13	23/04/2020	Buzzard	2	11:33	140	35m	0	140	Two Buzzards flying southwest.
RP14	23/04/2020	Buzzard	3	11:34	1800	40m	0	1800	Two to three Buzzards circling and soaring up to 200m AGL for 30 minutes. 5 minutes in 5-25m AGL, 10 minutes from 25m-100m AGL and 15 minutes from 100-200m AGL.
RP15	23/04/2020	Buzzard	1	11:48	120	100m	0	120	Buzzard circling from 100-150m AGL.
WD5	23/04/2020	Golden Plover	153	12:10	125	35m	80	45	Circling Golden Plover flying from 30-50m AGL.
RP16	23/04/2020	Buzzard	2	12:23	475	50m	0	475	Buzzard circling, joined by second bird for 80s, gained altitude up to 100m AGL.

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP17	23/04/2020	Buzzard	2	12:26	840	100m	0	840	Two Buzzards circling and soaring, occasionally displaying. From 100-200m AGL.
RP18	23/04/2020	Buzzard	1	12:27	360	150m	360	0	Buzzard soaring up to 300m AGL.
RP19	23/04/2020	Buzzard	1	12:35	30	30m	30	0	Buzzard circling over grassland.
RP20	23/04/2020	Buzzard	1	12:35	240	50m	0	240	Buzzard heading north past VP6.
WD6	23/04/2020	Kestrel	184	12:42	230	60m	230	0	Golden Plover circling over Wind Farm Site from 60-90m AGL.
RP21	23/04/2020	Buzzard	1	12:43	60	100m	60	0	Buzzard on site, flying over forestry at 100-120m AGL.
RP22	23/04/2020	Buzzard	1	13:00	480	40m	0	480	Buzzard circling up to 125m AGL before dropping from view.
RP23	23/04/2020	Buzzard	1	13:01	20	30m	0	20	Buzzard heading to the southwest.
RP24	23/04/2020	Buzzard	1	13:01	180	60m	0	180	Buzzard circling up to 100m AGL off-site.
RP27	23/04/2020	Buzzard	2	13:01	120	35m	60	60	Two Buzzard circling over forestry between 30-50m AGL.
RP25	23/04/2020	Buzzard	3	13:06	420	40m	150	270	Buzzard circling together gradually rising to 175m AGL.
RP26	23/04/2020	Buzzard	3	13:06	180	30m	0	180	Two Buzzards briefly joined by a third bird soaring together up to 100m AGL.
WD7	23/04/2020	Golden Plover	183	13:11	240	30m	185	55	Flock of Golden Plover circling at 30-40m AGL.
RP28	23/04/2020	Buzzard	20	13:22	480	55m	0	480	Buzzard circling and soaring up to 100m AGL near VP6
RP29	23/04/2020	Buzzard	1	13:23	120	35m	120	0	Buzzard circling above forestry on-site.

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP30	23/04/2020	Buzzard	3	13:26	230	50m	0	230	Two Buzzards joined lone Buzzard and flew together circling up to 100m AGL
RP31	23/04/2020	Buzzard	1	13:30	170	50m	100	70	Buzzard flying west gaining height from 50-170m AGL.
RP32	23/04/2020	Buzzard	1	13:36	300	40m	300	0	Buzzard displaying from 40-100m AGL.
RP33	23/04/2020	Buzzard	2	13:52	135	30m	0	135	Buzzards circling, dropping to perch on poles.
RP34	23/04/2020	Buzzard	1	14:09	105	70m	0	105	Buzzard circling from 70-125m AGL, dropped to perch.
RP35	23/04/2020	Buzzard	2	14:15	60	50m	0	60	Two Buzzards displaying towards north of Wind Farm Site.
RP36	12/05/2020	Buzzard	1	08:56	600	110m	0	600	Soaring Buzzard, flying over forestry and grassland. 80-100m AGL for 200s and 100-150m AGL for 300s and 150-200m AGL for 100s.
RP37	12/05/2020	Buzzard	1	09:23	540	50m	0	540	Buzzard flying over forestry and grassland off-site. 25-50m AGL for 40s, 50-100m AGL for 200s and 100-200m AGL for 300s.
RP38	12/05/2020	Buzzard	1	09:26	30	10m	0	30	Buzzard being mobbed by Jackdaws off-site.
RP39	12/05/2020	Buzzard	1	09:39	320	60m	0	320	Buzzard soaring between 60-90m AGL.
WT3	12/05/2020	Grey Heron	1	10:06	20	10m	0	20	Grey Heron flying to northwest.
RP40	12/05/2020	Buzzard	1	10:13	200	100m	0	200	Buzzard soaring between 100-200m AGL off-site
RP41	12/05/2020	Buzzard	1	10:30	200	70m	0	200	Soaring Buzzard gained height to 100m AGL.

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP42	12/05/2020	Buzzard	1	10:32	215	80m	0	215	Soaring and hunting 80-100m AGL.
RP43	12/05/2020	Buzzard	1	11:25	180	30m	160	20	Buzzard hunting, dropping to 20m AGL.
RP44	12/05/2020	Buzzard	2	11:49	480	60m	0	480	Buzzard joined by second individual after 5 minutes. Spent 180s at 50-100m AGL, 200s at 100-150m AGL and 100s at 150-200m AGL.
RP45	12/05/2020	Buzzard	1	11:50	60	15m	60	0	Buzzard hunting over farmland.
RP46	12/05/2020	Buzzard	1	11:59	350	40m	320	30	Buzzard displaying and soaring up to 100m AGL.
RP47	12/05/2020	Buzzard	3	12:24	95	50m	80	15	Three Buzzards circling together over forestry.
RP48	12/05/2020	Buzzard	1	12:26	50	25m	0	50	Buzzard soaring and circling between 25-50m AGL.
RP49	12/05/2020	Buzzard	1	12:36	60	50m	0	60	Buzzard flying over improved grassland gaining height up to 80m AGL.
RP50	12/05/2020	Buzzard	1	12:46	240	35m	0	240	Buzzard soaring drifting to southwest, gaining height up to 120m AGL.
RP51	12/05/2020	Buzzard	1	12:56	130	80m	0	130	Buzzard flying at 80-100m AGL off-site.
RP52	12/05/2020	Sparrowhawk	1	12:57	40	100m	0	40	Sparrowhawk observed 100m AGL off-site.
RP53	12/05/2020	Buzzard	1	13:10	65	20m	0	65	Buzzard flying northwest over forestry.
WD8	12/05/2020	Curlew	1	13:36	20	15m	0	20	Curlew briefly seen flying to northwest.

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP54	12/05/2020	Buzzard	1	13:58	65	150m	0	65	Buzzard circling high being mobbed by Hooded Crows.
RP55	12/05/2020	Buzzard	1	14:00	120	20m	0	120	Buzzard being mobbed by Corvids heading west.
RP56	12/05/2020	Buzzard	2	14:09	60	50m	0	60	Two Buzzards flying together, one bird dropped from view and the other increased height to 70m AGL.
RP57	12/05/2020	Buzzard	1	14:30	330	70m	0	330	Buzzard soaring west of the site up to 120m AGL.
RP58	03/06/2020	Buzzard	1	08:45	20	10m	10	10	Buzzard flying to southeast.
RP59	03/06/2020	Buzzard	1	08:58	10	25m	10	0	Buzzard observed dropping into trees.
RP60	03/06/2020	Buzzard	1	09:21	195	35m	180	15	Buzzard rising above forestry and heading north gaining height to 80m AGL.
RP61	03/06/2020	Sparrowhawk	1	09:38	30	20m	30	0	Sparrowhawk flying over forestry.
RP62	03/06/2020	Buzzard	1	10:01	45	25m	10	35	Buzzard flying south, southwest before dropping from view.
RP63	03/06/2020	Buzzard	1	10:06	30	10m	25	5	Buzzard flying quickly to the south.
RP64	03/06/2020	Buzzard	1	10:34	40	20m	0	40	Buzzard drifting down and out of view.
RP65	03/06/2020	Buzzard	1	10:58	50	55m	50	0	Buzzard hunting over farmland.
RP66	03/06/2020	Buzzard	1	11:27	180	20m	0	180	Buzzard heading southeast off-site.
WT4	03/06/2020	Grey Heron	2	11:52	95	10m	40	55	Two Grey Herons flying south one flying 10m higher than the other.
RP67	03/06/2020	Buzzard	1	11:58	90	30m	0	90	Buzzard circling, drifting south.

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP68	03/06/2020	Buzzard	3	12:04	290	35m	290	0	Two Buzzards joined by a third, soaring over forestry between 30-50m AGL.
RP69	03/06/2020	Buzzard	1	12:07	90	80m	90	0	Buzzard hunting from 80-120m AGL over forestry.
RP70	03/06/2020	Buzzard	1	12:20	20	40m	0	20	Buzzard heading to the southeast east of VP1
RP71	03/06/2020	Buzzard	1	12:25	125	30m	0	125	Buzzard heading south at 30-50m AGL.
RP72	03/06/2020	Buzzard	1	12:27	180	45m	25	155	Buzzard flying over forestry before dropping from view.
RP73	03/06/2020	Buzzard	2	12:30	390	40m	390	0	Buzzards flying over forestry, soaring up to 60m AGL
RP74	03/06/2020	Buzzard	1	12:49	30	10m	0	30	Buzzard circling over farmland north of the site.
RP76	03/06/2020	Buzzard	1	13:11	60	60m	0	60	Buzzard gaining height flying north at 60-80m AGL.
RP77	03/06/2020	Buzzard	1	13:16	235	50m	235	0	Buzzard soaring and circling from 50-70m AGL.
RP78	03/06/2020	Buzzard	1	13:16	400	25m	100	300	Buzzard circling and soaring heading west from 20-50m AGL
RP79	03/06/2020	Buzzard	1	13:22	175	50m	150	25	Buzzard soaring from 50-70m AGL.
WT5	03/06/2020	Lesser Black-backed Gull	1	13:23	60	35m	10	50	Gull heading south dropping from view.
RP80	03/06/2020	Buzzard	1	13:34	5	30m	5	0	Brief sighting of Buzzard over forestry.
RP81	03/06/2020	Buzzard	1	13:43	100	30m	100	0	Buzzard dropped gradually out of view.
RP82	03/06/2020	Buzzard	1	13:43	180	40m	180	0	Buzzard over forestry.

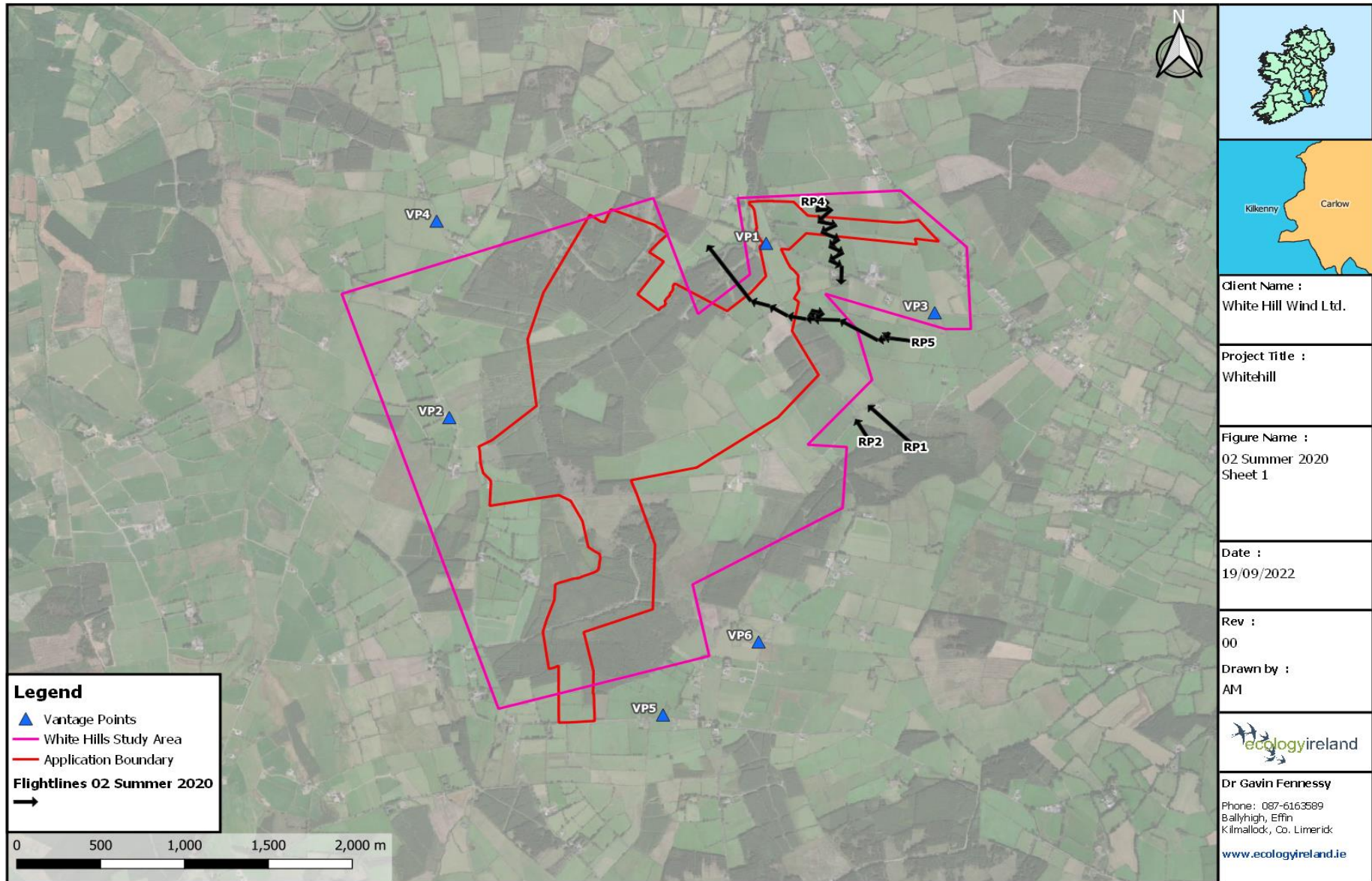
Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP83	03/06/2020	Buzzard	1	13:45	120	30m	100	20	Buzzard heading to northwest over farmland.
WT6	03/06/2020	Lesser Black-backed Gull	1	14:01	215	15m	215	0	Gull heading north across site at 15-25m AGL
RP84	03/06/2020	Sparrowhawk	1	14:02	5	10m	0	5	Brief sighting of female Sparrowhawk.
WT7	03/06/2020	Herring Gull	1	14:09	20	30m	0	20	Brief sighting of Herring Gull north of the site.
RP75	03/06/2020	Buzzard	1	12:43	300	40m	280	20	Buzzard soaring over forestry before dropping out of view.
RP85	08/07/2020	Buzzard	1	09:43	60	10m	55	5	Buzzard dropped from view.
RP86	08/07/2020	Buzzard	1	10:13	10	15m	0	10	Brief sighting of Buzzard.
RP87	08/07/2020	Buzzard	1	10:25	10	10m	0	10	Buzzard mobbed by Kestrel.
RP88	08/07/2020	Buzzard	2	10:30	60	20m	40	20	Buzzard flying to the west at 20m AGL.
RP89	08/07/2020	Sparrowhawk	1	10:45	10	15m	5	5	Sparrowhawk flying quickly to the east.
WT8	08/07/2020	Grey Heron	2	11:25	60	15m	0	60	Two Herons flying south before landing.
RP90	08/07/2020	Buzzard	1	13:10	120	10m	0	120	Buzzard flying west.
RP91	08/07/2020	Buzzard	1	13:35	40	20m	0	40	Buzzard flying to southwest.
RP92	08/07/2020	Sparrowhawk	1	13:40	110	10m	100	10	Sparrowhawk hunting south of VP1.
RP93	08/07/2020	Buzzard	1	13:50	30	5m	25	5	Buzzard heading south over forestry.
RP94	09/07/2020	Kestrel	1	08:47	5	10m	0	5	Brief sighting of Kestrel.
RP95	09/07/2020	Buzzard	1	09:39	70	40m	10	60	Buzzard flying to northwest.
RP96	09/07/2020	Buzzard	1	11:41	160	50m	120	40	Buzzard hunting north of VP5
RP97	09/07/2020	Buzzard	1	12:03	30	20m	30	0	Buzzard flying south over forestry.



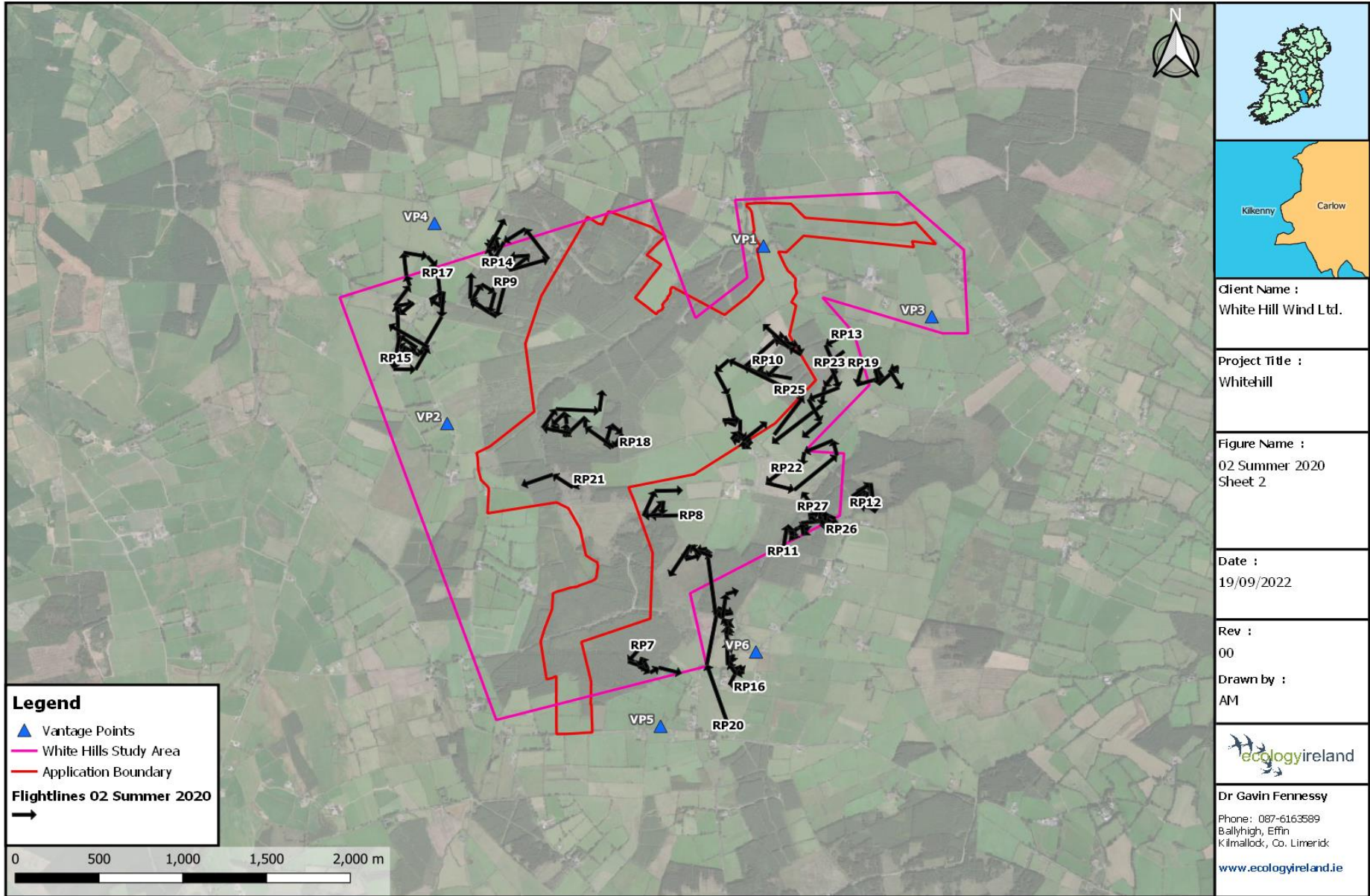
Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP98	09/07/2020	Buzzard	1	13:02	35	20m	0	35	Buzzard flying northeast of VP5.
RP99	09/07/2020	Buzzard	2	13:04	100	15m	0	100	Buzzard flying west at 10-50m AGL.
WD9	09/07/2020	Curlew	1	13:28	45	30m	0	45	Curlew flying northeast past VP2.
RP100	09/07/2020	Kestrel	1	13:48	65	20m	0	65	Kestrel hunting north of VP5
RP101	09/07/2020	Kestrel	1	13:51	25	10m	0	25	Kestrel flying from 10-25m AGL over grassland.
RP102	09/07/2020	Buzzard	1	13:57	300	40m	0	300	Buzzard soaring off-site, briefly joined by second bird. Gained height to 100m AGL
RP103	09/07/2020	Buzzard	1	14:22	45	30m	0	45	Buzzard flying west at 30m AGL dropping out of view.
RP104	09/07/2020	Buzzard	1	14:32	40	30m	5	35	Buzzard flying east at 30-40m AGL.
RP105	09/07/2020	Buzzard	1	14:39	30	20m	0	30	Buzzard flying just above the trees.
RP106	09/07/2020	Buzzard	1	14:40	40	40m	0	40	Buzzard soaring over forestry.
RP107	09/07/2020	Buzzard	1	14:43	85	35m	0	85	Buzzard drifting north at 30-40m AGL.
RP108	09/07/2020	Buzzard	1	14:49	30	60m	0	30	Buzzard flying to the northwest.
RP109	18/08/2020	Buzzard	1	10:24	50	40m	0	50	Buzzard soaring near VP4.
RP110	18/08/2020	Kestrel	1	10:37	25	20m	0	25	Kestrel hunting south of VP2.
RP111	18/08/2020	Buzzard	1	10:44	115	50m	0	115	Buzzard soaring southwest of VP2
RP112	18/08/2020	Buzzard	2	10:46	250	60m	0	250	Two Buzzards soaring close together, one juvenile and one adult.
WT9	18/08/2020	Lesser Black-backed Gull	15	10:56	305	60m	0	305	Flock of Gulls, adults and sub-adults flying south.

Breeding Season 2020									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP113	18/08/2020	Buzzard	1	11:04	60	15m	0	60	Buzzard calling and circling over forestry.
RP114	18/08/2020	Buzzard	1	11:09	180	80m	0	180	Buzzard soaring from 80-150m AGL.
RP115	18/08/2020	Buzzard	1	12:45	50	70m	0	50	Buzzard soaring east of the Wind Farm Site.
RP116	18/08/2020	Buzzard	1	14:02	10	15m	10	0	Buzzard flying near VP1.
RP117	18/08/2020	Buzzard	1	14:28	220	100m	0	220	Buzzard soaring over up to 175m AGL.
RP118	18/08/2020	Buzzard	1	14:56	10	10m	0	10	Buzzard seen briefly south of VP4.
RP119	21/08/2020	Kestrel	1	11:07	50	25m	0	50	Kestrel (Female) hunting north of VP5.
RP120	21/08/2020	Sparrowhawk	1	11:26	25	25m	0	25	Sparrowhawk heading west past VP6.
RP121	21/08/2020	Kestrel	1	13:58	20	25m	0	25	Brief sighting of hunting Kestrel.
RP122	21/08/2020	Kestrel	1	14:32	10	25m	0	10	Brief sighting of hunting Kestrel.
RP123	21/08/2020	Buzzard	2	14:34	220	100m	0	220	Two Buzzards soaring up to 150m AGL.

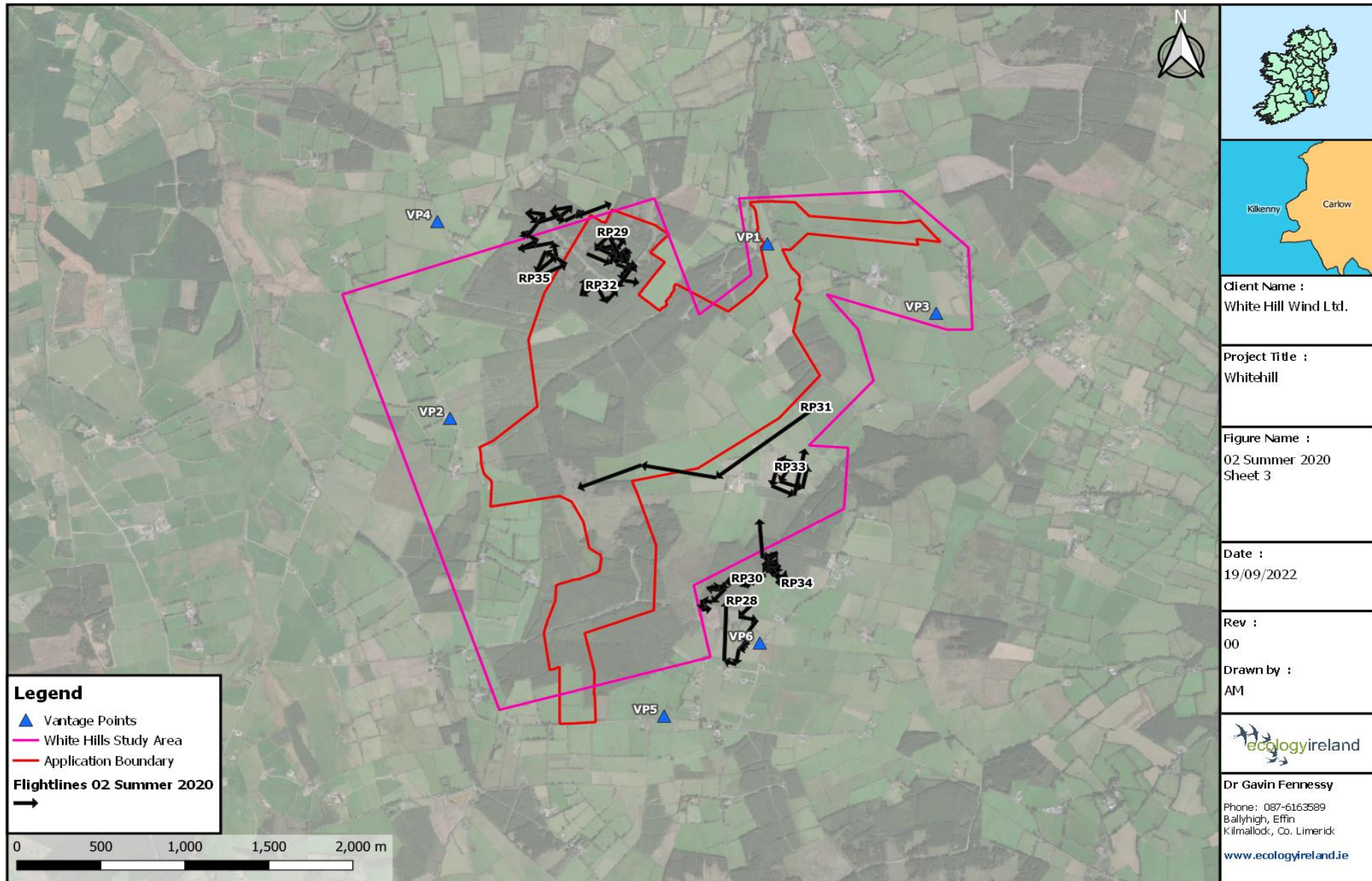
**Table A5.3.2: Flightline Descriptions for the Breeding Season 2020**



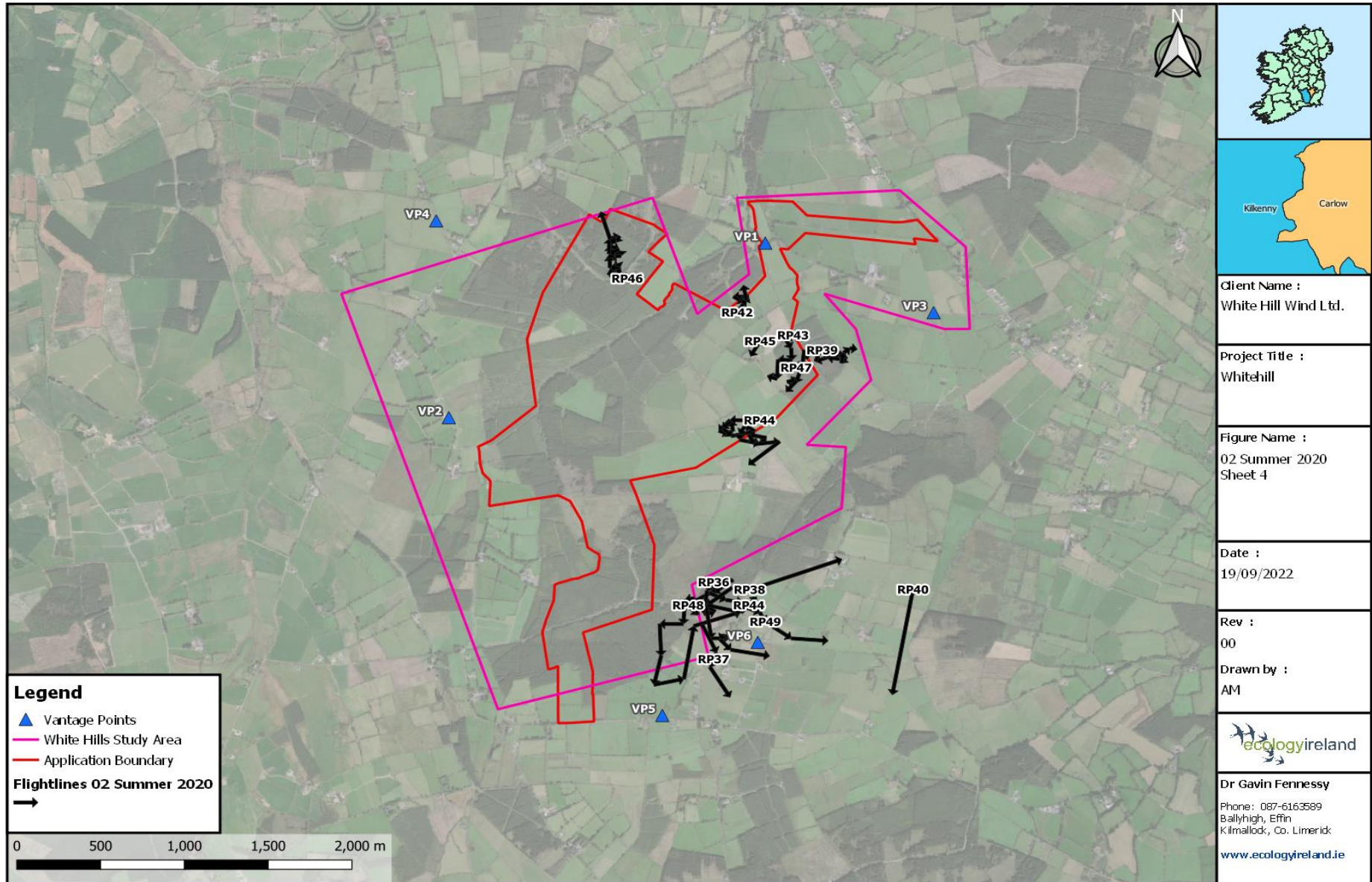




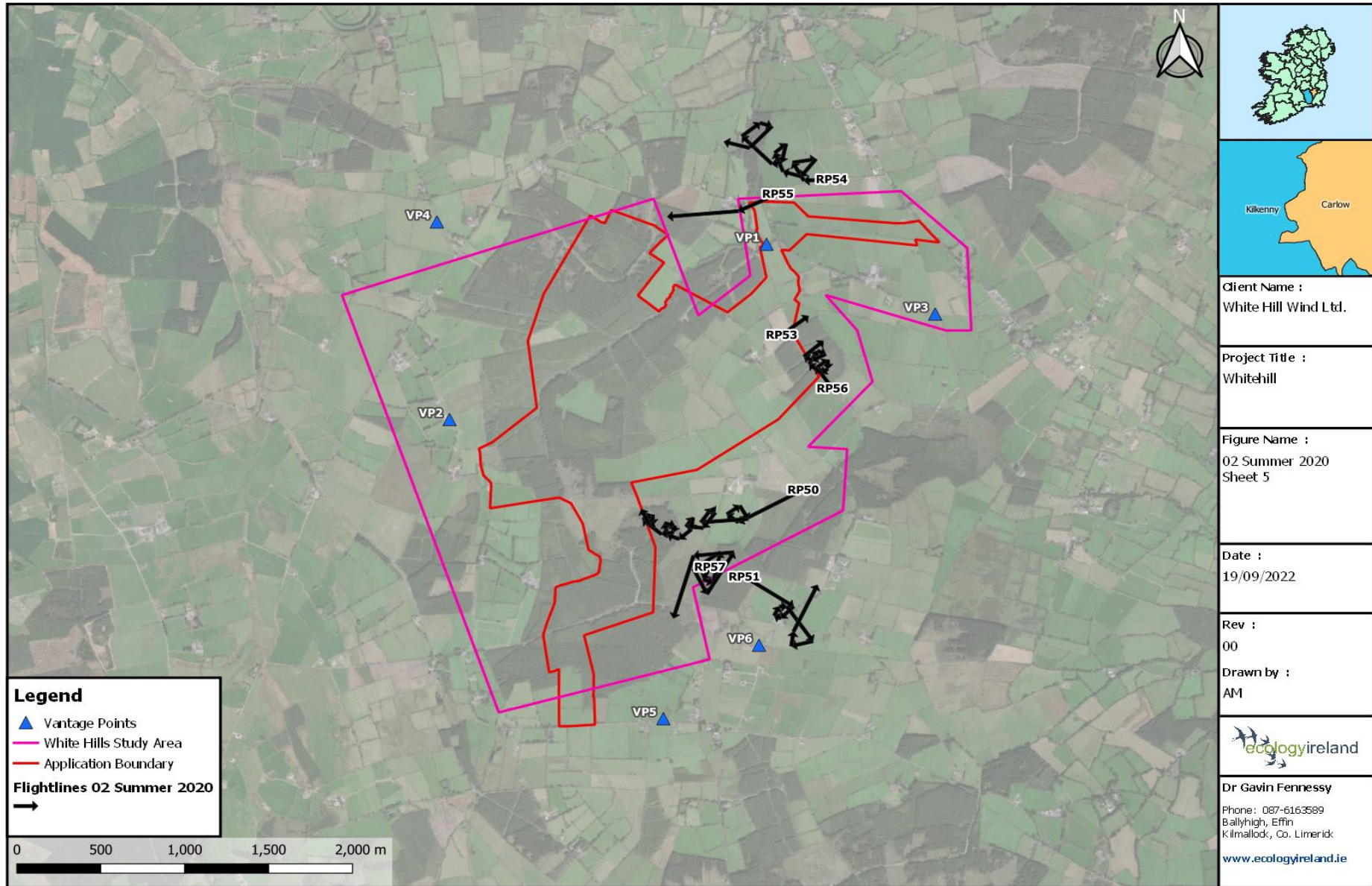




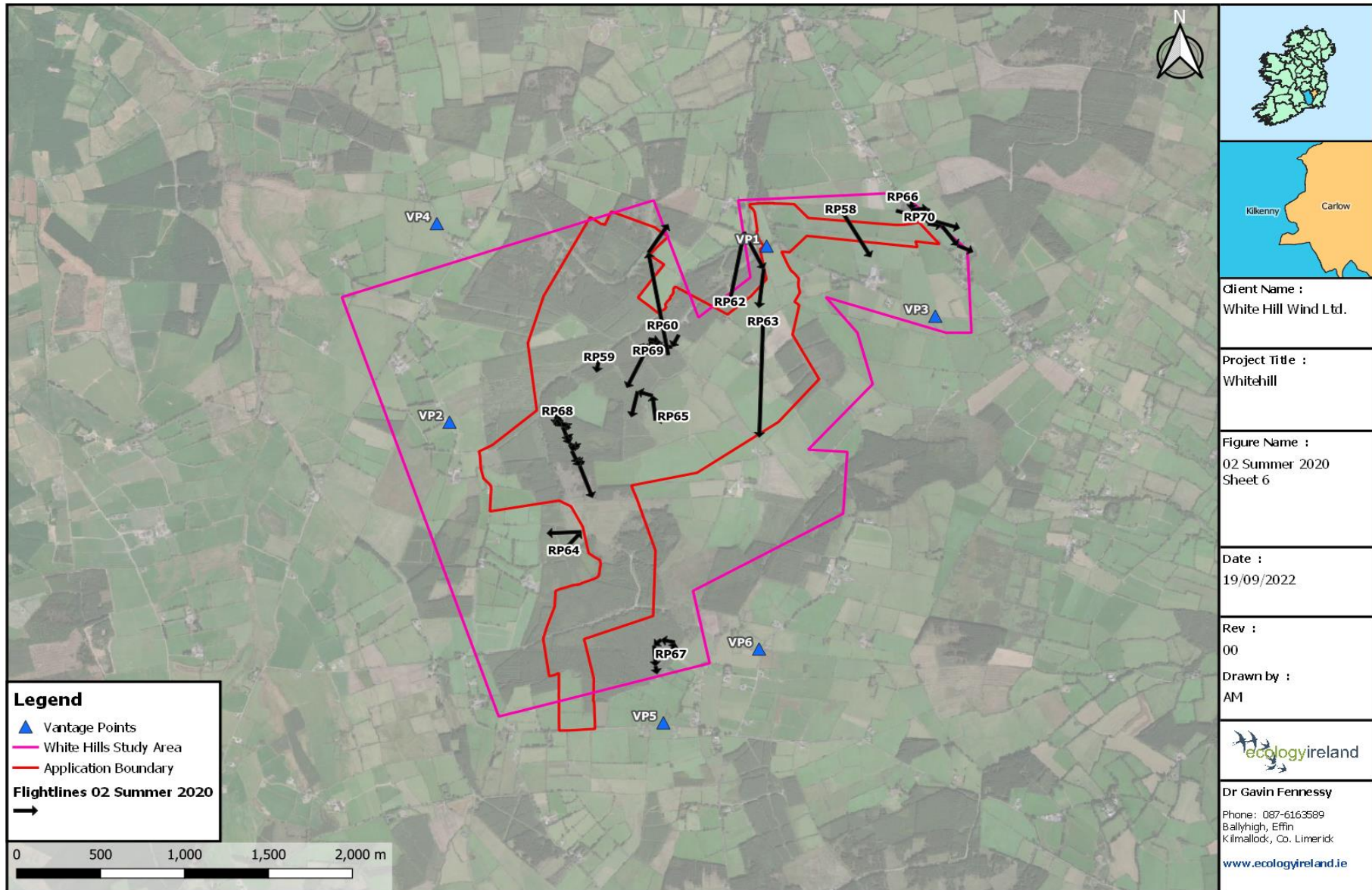




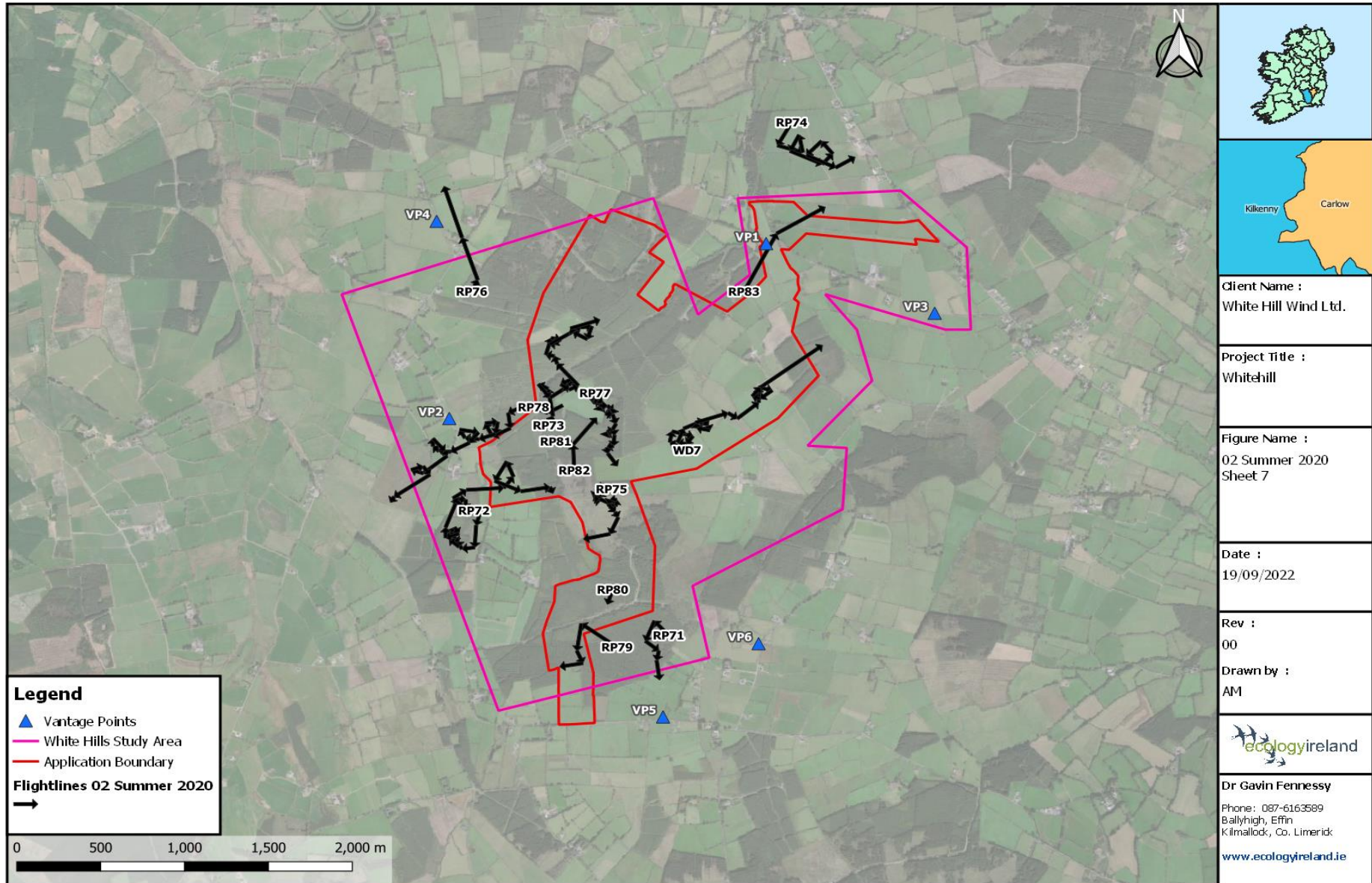




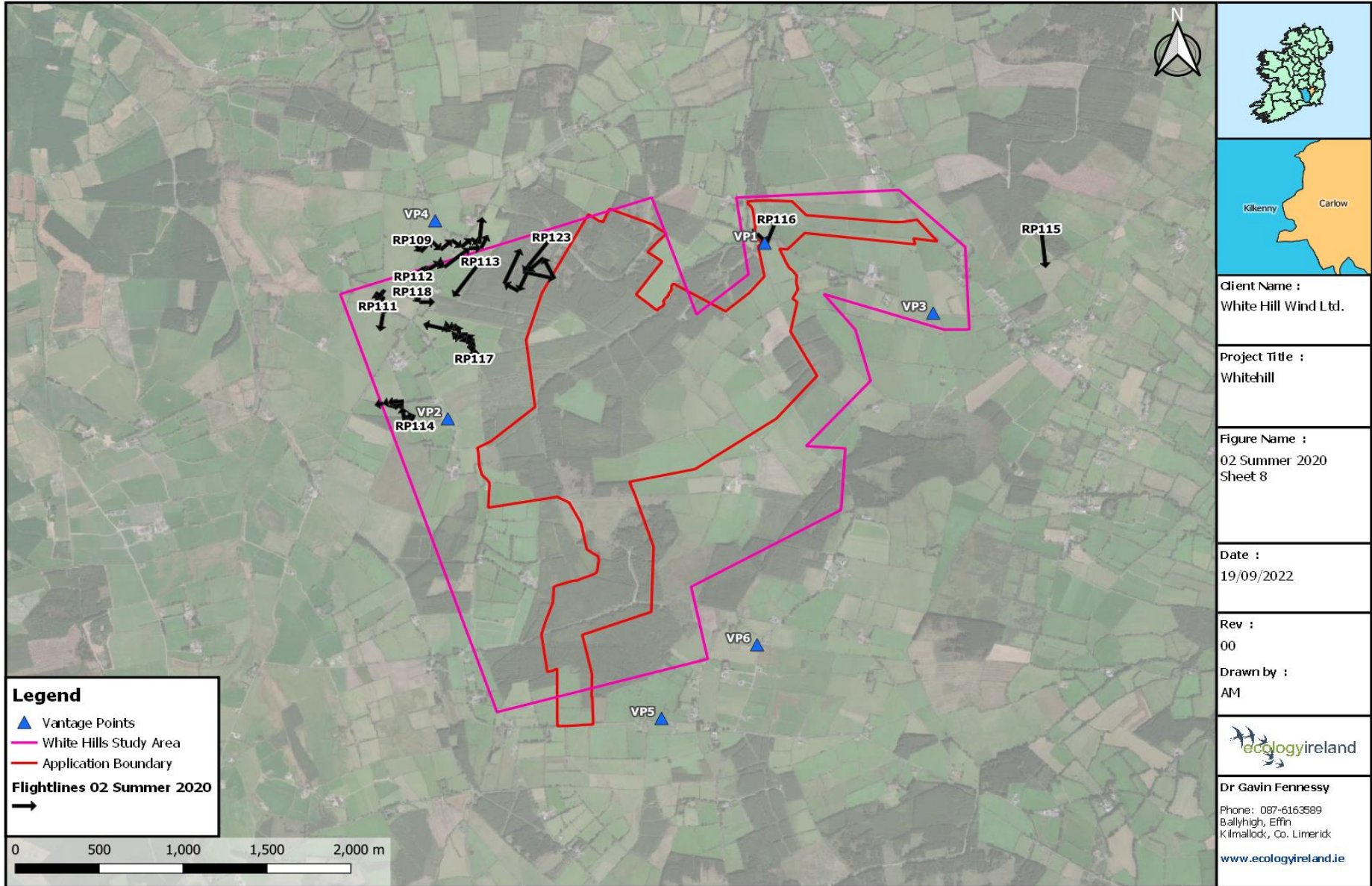




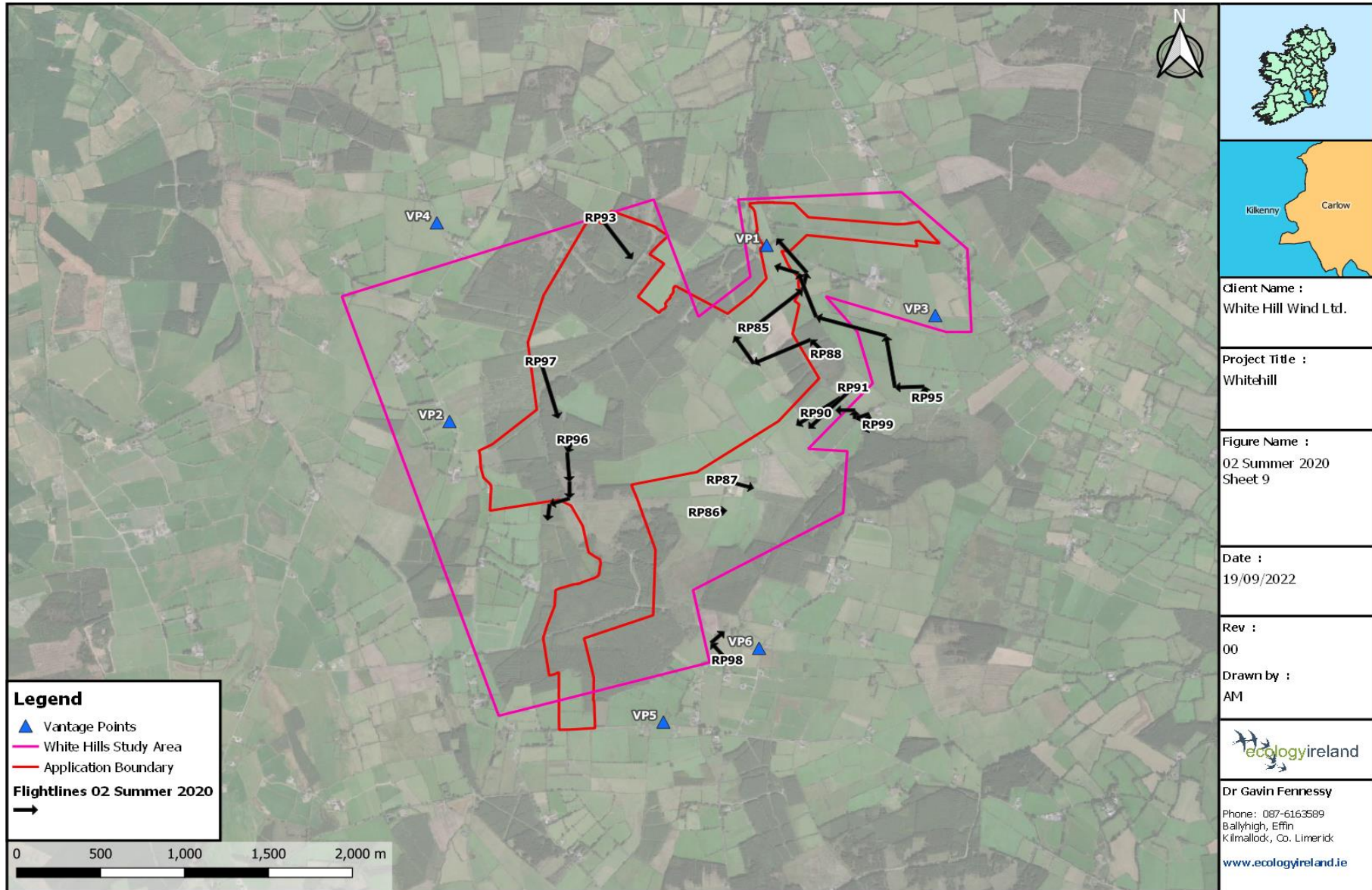




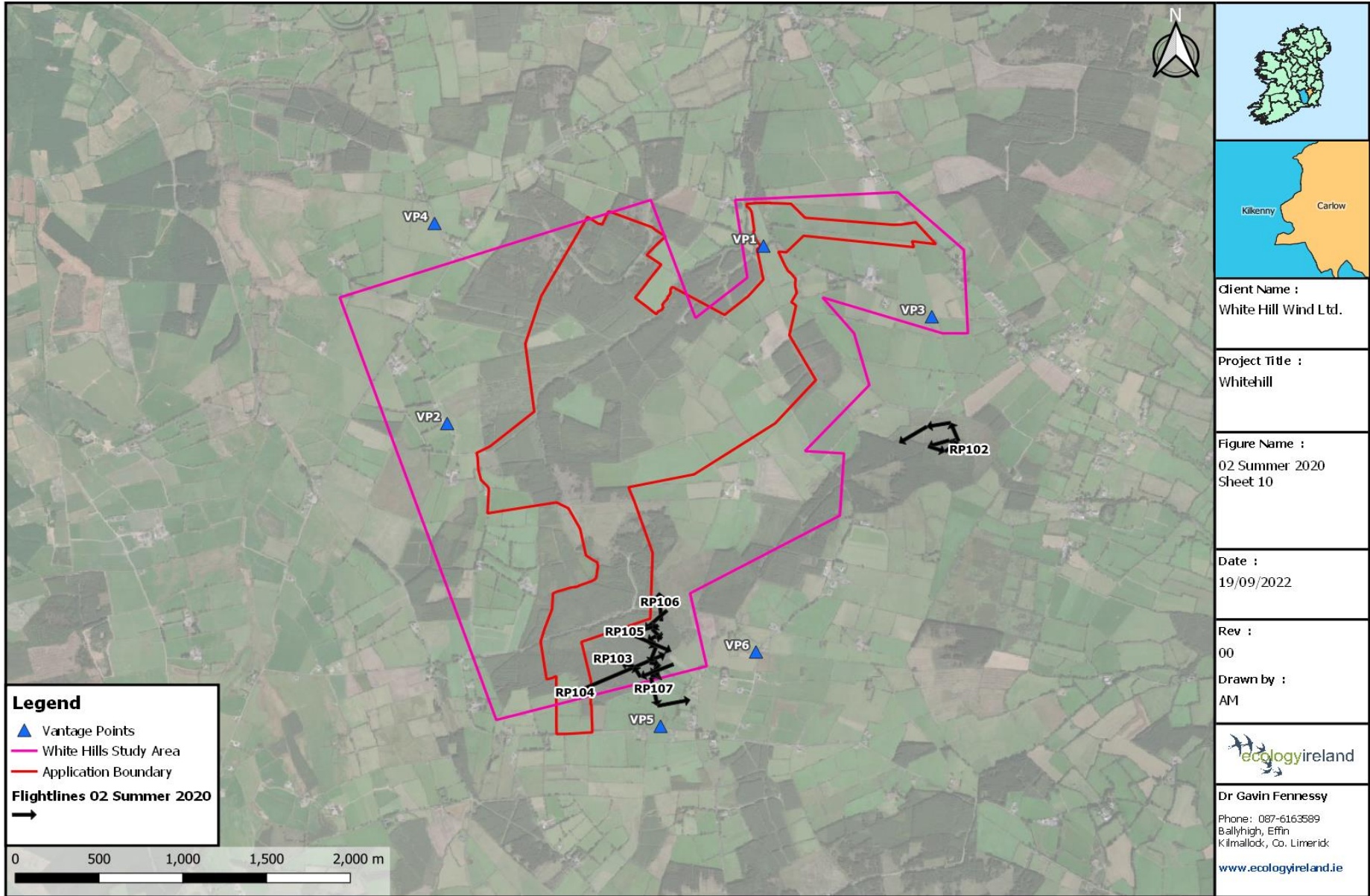




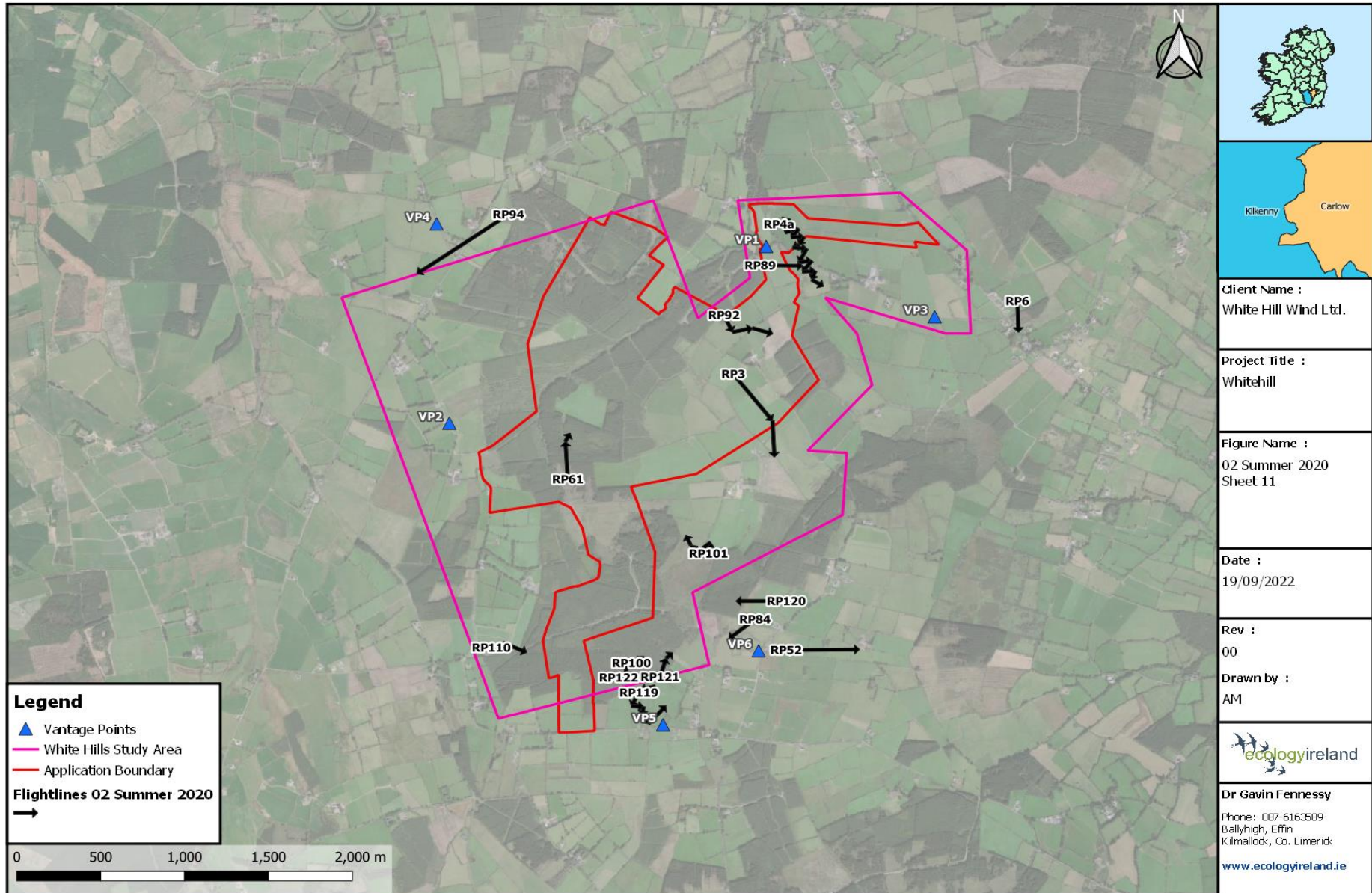




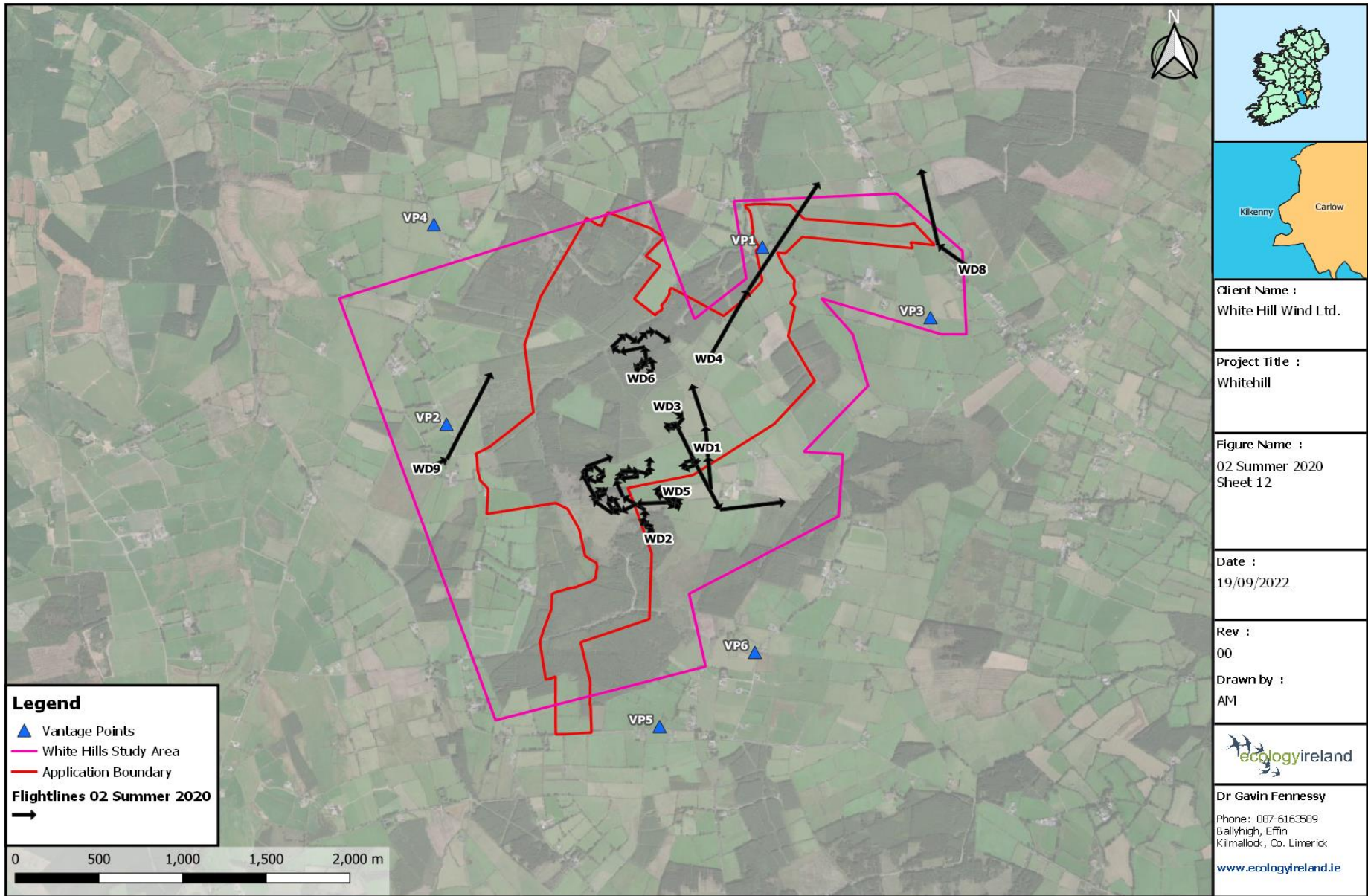




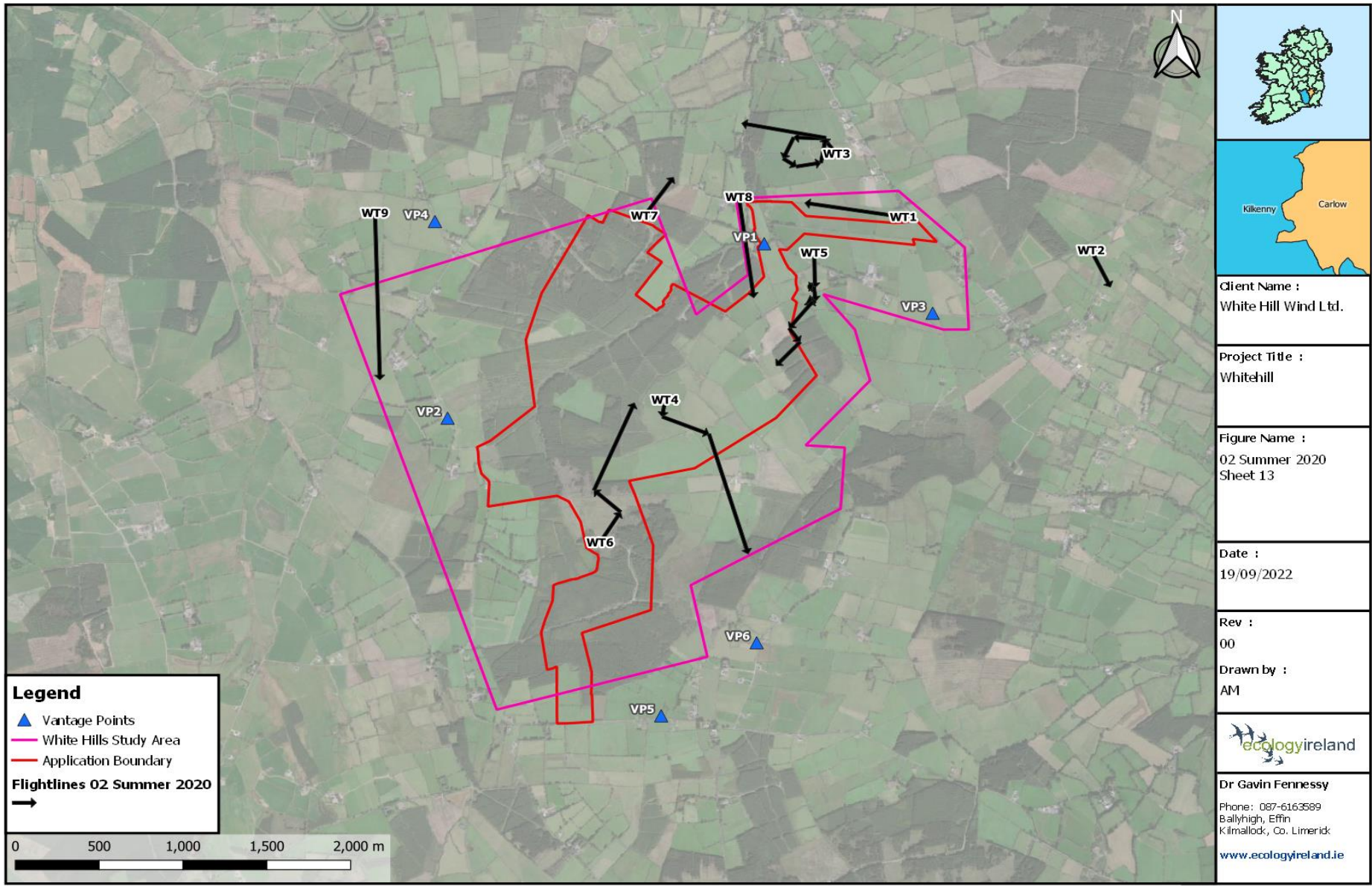












Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD1	28/10/2020	Golden Plover	300	09:10	1380	30m	0	1380	Distant observation of flock circling off-site from 30-60m AGL.
WD2	28/10/2020	Snipe	2	09:18	15	15m	0	15	Brief sighting of two Snipe flying to north of VP1
WD3	28/10/2020	Golden Plover	10	09:25	20	25m	0	20	Small flock heading west.
RP1	28/10/2020	Sparrowhawk	1	11:19	10	15m	0	10	Male Sparrowhawk observed off-site.
WD4	28/10/2020	Golden Plover	300	11:20	9000	50m	0	9000	Large flock circling for prolonged period from 11:20 to 14:10. Followed similar route but rising and dropping from 20-120m AGL.
RP2	28/10/2020	Buzzard	1	11:45	60	30m	60	0	Buzzard hunting over farmland.
RP3	28/10/2020	Sparrowhawk	1	11:51	5	10m	5	0	Brief sighting of Sparrowhawk.
RP4	28/10/2020	Peregrine Falcon	1	11:55	60	110m	0	60	Peregrine seen to northeast of VP1
RP5	28/10/2020	Buzzard	1	12:19	30	40m	0	30	Buzzard flying past VP4.
RP6	28/10/2020	Buzzard	1	12:30	20	10m	0	20	Buzzard seen off-site east of VP1.
RP7	28/10/2020	Kestrel	1	12:56	110	20m	0	110	Kestrel hunting north of the Wind Farm Site.
RP8	28/10/2020	Kestrel	1	13:15	20	10m	0	20	Kestrel (Female) hunting close to VP3.
RP9	28/10/2020	Kestrel	1	13:18	75	15m	0	75	Kestrel being mobbed by Jackdaws.
RP10	28/10/2020	Buzzard	1	13:29	20	25m	0	20	Buzzard hunting over farmland.
WD5	28/10/2020	Snipe	1	13:59	95	50m	95	0	Snipe circled and then headed west.



Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD6	28/10/2020	Golden Plover	8	14:34	50	40m	20	30	Golden Plover flying north.
WD7	28/10/2020	Golden Plover	1	14:37	60	40m	50	10	Golden Plover flying west.
RP11	28/10/2020	Sparrowhawk	1	14:44	30	15m	0	30	Sparrowhawk hunting small flock of Starlings
RP12	28/10/2020	Sparrowhawk	1	15:06	30	10m	30	0	Sparrowhawk mobbed by Hooded Crows and dropped from view.
WD8	30/10/2020	Golden Plover	300	09:01	10740	50m	0	10740	Prolonged views of circling flock, rarely if ever at rest, south and west of VP2
WD9	30/10/2020	Snipe	1	09:02	20	<5m	0	20	Bird flushed from near VP5
WD10	30/10/2020	Snipe	1	09:05	20	10m	0	20	Snipe north of VP2.
WD11	30/10/2020	Snipe	2	09:40	180	30m	0	180	Two Snipe circling for 3 minutes.
WD12	30/10/2020	Snipe	3	09:44	40	<5m	0	40	Snipe flying low north past VP5.
RP13	30/10/2020	Kestrel	1	10:05	180	10m	0	180	Kestrel flying north at 10-15m AGL.
RP14	30/10/2020	Kestrel	1	11:22	30	10m	30	0	Kestrel hovering and dropped into forestry.
RP15	30/10/2020	Buzzard	1	11:55	50	10m	0	50	Buzzard hunting slowly over farmland.
WD13	30/10/2020	Golden Plover	200	12:27	450	110m	0	450	Flock circling slowly over farmland northwest of VP5.
RP16	30/10/2020	Kestrel	1	12:28	350	10m	0	350	Kestrel hunting west of VP2.
WD14	30/10/2020	Golden Plover	400	12:52	60	30m	0	60	Large flock flying north towards Kane's Bridge area.
RP17	30/10/2020	Kestrel	1	13:18	30	15m	0	30	Kestrel hunting north of VP5.

Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD15	30/10/2020	Golden Plover	400	13:49	120	30m	0	120	Flock flying south over forestry.
RP18	30/10/2020	Buzzard	1	13:52	1	10M	0	1	Buzzard flying northeast off-site.
WD16	30/10/2020	Golden Plover	200	13:56	60	50m	0	60	Flock seen well off-site to southwest of VP2
RP19	30/10/2020	Buzzard	2	14:26	70	15m	0	70	Two Buzzards hunting in field northeast of VP5.
WD17	19/11/2020	Golden Plover	38	09:49	670	30m	120	550	Flock of Golden Plover circling between 30-60m AGL.
RP20	19/11/2020	Kestrel	1	10:15	350	10m	0	350	Kestrel hunting south of VP2, occasionally dropping to the ground.
RP21	19/11/2020	Kestrel	1	10:23	25	10m	0	25	Kestrel hunting near VP2
RP22	19/11/2020	Sparrowhawk	1	10:29	370	90m	350	20	Sparrowhawk mobbed by corvids, gained height to 170m AGL
RP23	19/11/2020	Sparrowhawk	1	10:30	120	30m	90	30	Sparrowhawk heading south over forestry.
RP24	19/11/2020	Sparrowhawk	1	10:31	155	40m	0	155	Sparrowhawk being mobbed by Hooded Crows.
RP25	19/11/2020	Buzzard	1	10:35	10	10m	0	10	Buzzard flying east over forestry.
RP26	19/11/2020	Buzzard	1	10:36	30	35m	0	30	Buzzard flying east north of VP6.
RP27	19/11/2020	Buzzard	1	10:38	15	10m	0	15	Buzzard hunting along edge of forestry.
WD18	19/11/2020	Golden Plover	70	10:44	150	60m	60	90	Golden Plover flock circling over farmland from 60-80m AGL.



Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD19	19/11/2020	Golden Plover	65	10:49	100	250m	0	100	Flock observed close to VP3, split into smaller flocks.
WD20	19/11/2020	Golden Plover	23	10:50	20	250m	0	20	Birds flying north past VP3.
WD21	19/11/2020	Golden Plover	12	10:50	120	200m	30	90	Golden Plover in sweeping flight to the south.
WD22	19/11/2020	Golden Plover	7	11:03	75	15m	75	0	Golden Plover flying fairly low circling over farmland.
WD23	19/11/2020	Golden Plover	10	11:07	300	20m	300	0	Golden Plover circling east of VP2.
WD24	19/11/2020	Golden Plover	10	11:09	240	10m	240	0	Golden Plover circling from 10-40m AGL.
RP28	19/11/2020	Kestrel	1	11:10	50	10m	0	50	Kestrel hovering from 5-15m AGL.
RP29	19/11/2020	Sparrowhawk	1	11:10	20	15m	0	20	Sparrowhawk hunting over improved grassland.
RP30	19/11/2020	Kestrel	1	11:14	20	15m	20	0	Kestrel hunting before dropping out of view.
RP31	19/11/2020	Buzzard	1	11:30	60	10m	60	0	Buzzard drifting to northeast, appeared to land.
RP32	19/11/2020	Kestrel	1	11:36	210	20m	0	210	Kestrel hunting north of VP6.
RP33	19/11/2020	Kestrel	1	11:39	10	25m	0	10	Kestrel hovering before dropping to ground.
WD25	19/11/2020	Golden Plover	75	11:42	15	200m	10	5	Distant view of flock.
RP34	19/11/2020	Kestrel	1	11:48	260	40m	0	260	Kestrel hunting, hovering between 40-60m AGL.

Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD26	19/11/2020	Golden Plover	55	11:50	340	60m	280	60	Golden Plover making wider sweeping circle, seen from several VPs.
WD27	19/11/2020	Golden Plover	40	11:55	800	50m	350	450	Flock observed from several VPs circling north of VP6, towards VP2, increasing altitude from 50-80m AGL.
RP35	19/11/2020	Kestrel	1	11:55	80	30m	0	80	Kestrel hunting from 30-50m AGL.
RP36	19/11/2020	Kestrel	1	11:59	15	20m	0	15	Kestrel hunting north of VP5.
RP37	19/11/2020	Kestrel	1	12:00	200	10m	0	200	Kestrel hunting, occasionally dropping to perch near VP2.
RP38	19/11/2020	Kestrel	1	12:04	120	30m	0	120	Kestrel hunting north of VP5.
RP39	19/11/2020	Kestrel	1	12:12	90	10m	0	90	Kestrel hunting near VP2.
WD28	19/11/2020	Golden Plover	35	12:14	780	100m	350	430	Golden Plover circling from 100m down to 25m AGL and then up to 150m AGL.
RP40	19/11/2020	Sparrowhawk	1	12:21	10	10m	0	10	Sparrowhawk close to forestry edge, hunting.
WD29	19/11/2020	Golden Plover	230	12:29	55	225m	0	55	Flock circling near VP3.
WD30	19/11/2020	Golden Plover	80	12:30	130	150m	0	130	Flock flying south gaining height to 250m AGL

Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD31	19/11/2020	Golden Plover	70	12:35	2040	120m	150	1890	Flock splintered and rejoined on several occasions, some birds flying lower and others staying above 100m AGL, some birds appeared to land off-site southwest of VP2.
WD32	19/11/2020	Golden Plover	50	12:40	20	30m	0	20	Golden Plovers flying west.
WD33	19/11/2020	Golden Plover	65	12:51	200	180m	0	200	Flock flying to the south gaining altitude to 250m AGL.
WD34	19/11/2020	Golden Plover	15	12:54	80	200m	60	20	Golden Plover flying north at 150-200m AGL.
RP41	19/11/2020	Sparrowhawk	1	13:00	10	10m	5	5	Sparrowhawk flying west.
RP42	19/11/2020	Kestrel	1	13:07	30	10m	0	30	Kestrel hunting near VP2.
WD35	19/11/2020	Golden Plover	70	13:18	150	125m	0	150	Circling gaining height to 175m AGL and heading to northwest.
RP43	19/11/2020	Kestrel	1	13:18	60	5m	0	60	Kestrel flying near VP2 getting mobbed by Corvids.
WT1	19/11/2020	Grey Heron	1	13:29	90	10m	30	60	Grey Heron heading west gaining height to 20m AGL.
WD36	19/11/2020	Golden Plover	35	13:57	70	30m	70	0	Flock circling southeast of VP2.
WD37	19/11/2020	Golden Plover	25	14:00	45	35m	45	0	Flock circling from 30-40m AGL.
WD38	19/11/2020	Golden Plover	25	14:03	50	5m	40	10	Flock circling low from 5-15m AGL over farmland.
WD39	19/11/2020	Golden Plover	100	14:07	3240	30m	3240	0	Flock circling over fields within site from 30-60m AGL.



Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD40	19/11/2020	Golden Plover	115	14:41	1730	60m	0	1730	Flock circling close to VP2.
RP44	19/11/2020	Buzzard	1	14:43	60	<5m	0	60	Buzzard hunting low over improved grassland.
WD41	19/11/2020	Golden Plover	21	14:49	15	40m	0	15	Flock observed briefly off-site.
WD42	19/11/2020	Golden Plover	115	14:53	2040	20m	1400	640	Golden Plover flock circling over farmland from 20-50m AGL for 600s rising to 50-100m AGL for 1100s and 100-150m AGL for 100s dropping back to below 50m AGL for the remainder of the observation period.
RP45	19/11/2020	Kestrel	1	14:53	20	10m	0	20	Kestrel hunting near VP2.
RP46	19/11/2020	Peregrine Falcon	1	14:58	40	15m	0	40	Peregrine Falcon seen off-site south of VP3
RP47	19/11/2020	Buzzard	1	15:06	10	5m	0	10	Brief sighting of low-flying Buzzard.
WT2	04/12/2020	Herring Gull	2	15:08	40	30m	0	40	Two Herring Gulls flying east near VP5.
RP48	15/12/2020	Sparrowhawk	1	09:09	40	30m	0	40	Sparrowhawk flying over forestry, display flight.
RP49	15/12/2020	Buzzard	1	09:29	15	20m	0	15	Buzzard flying past VP4.
RP50	15/12/2020	Sparrowhawk	1	09:49	45	20m	0	45	Sparrowhawk flying north of VP6
RP51	15/12/2020	Sparrowhawk	1	09:53	30	30m	0	30	Sparrowhawk flying north of VP6 over forestry.
WD43	15/12/2020	Golden Plover	7	10:00	105	25m	0	105	Golden Plover flying west/southwest.

Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP52	15/12/2020	Kestrel	1	10:30	40	30m	0	40	Kestrel hovering before dropping to ground.
RP53	15/12/2020	Kestrel	1	10:48	300	40m	0	300	Kestrel hunting off-site.
RP54	15/12/2020	Kestrel	1	10:59	95	5m	0	95	Kestrel hunting from 5-20m AGL.
RP55	15/12/2020	Kestrel	1	11:08	370	40m	0	370	Kestrel hunting north of VP6 before dropping to perch.
RP56	15/12/2020	Sparrowhawk	1	11:12	10	25m	10	0	Brief sighting of hunting Sparrowhawk (Female).
RP57	15/12/2020	Sparrowhawk	1	11:25	5	<5m	0	5	Brief sighting of male Sparrowhawk near VP2.
RP58	15/12/2020	Kestrel	1	11:26	80	30m	0	80	Kestrel hunting off-site.
RP59	15/12/2020	Kestrel	1	11:29	30	25m	0	30	Kestrel flying near VP6, mobbed by Jackdaws.
RP60	15/12/2020	Kestrel	1	11:58	10	20m	0	10	Hovering south of VP4
RP61	15/12/2020	Kestrel	1	12:16	15	25m	0	15	Kestrel hunting over conifers.
RP62	15/12/2020	Sparrowhawk	1	12:22	10	<5m	0	10	Brief sighting of Sparrowhawk.
RP63	15/12/2020	Kestrel	1	12:37	15	<5m	0	15	Brief sighting of Kestrel off-site.
RP64	15/12/2020	Sparrowhawk	1	12:56	20	<5m	0	20	Sparrowhawk hunting low north of VP6.
RP65	15/12/2020	Buzzard	1	12:59	40	35m	0	40	Buzzard flying north over conifers.
RP66	15/12/2020	Kestrel	1	13:06	170	20m	0	170	Kestrel hunting near VP6.
RP67	15/12/2020	Kestrel	1	13:30	10	<5m	0	10	Brief sighting of Kestrel at edge of conifers.
RP68	15/12/2020	Buzzard	3	13:37	20	25m	0	20	Three Buzzards flying together over forestry.

Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP69	15/12/2020	Buzzard	1	13:39	20	15m	0	20	Buzzard commuting south of VP4.
RP70	15/12/2020	Buzzard	1	13:43	105	40m	105	0	Buzzard flying over the site.
RP72	15/12/2020	Buzzard	1	13:44	120	25m	0	120	Buzzard soaring near VP4, circling and drifting to southwest.
RP71	15/12/2020	Kestrel	1	13:44	60	20m	0	60	Kestrel hunting off-site.
RP73	15/12/2020	Kestrel	1	14:03	50	35m	0	50	Kestrel hunting off-site.
RP74	15/12/2020	Kestrel	2	14:39	140	5m	0	140	Two Kestrels hunting north of VP6.
RP75	15/12/2020	Sparrowhawk	2	14:48	60	35m	60	0	Pair of Sparrowhawks displaying.
RP76	17/12/2020	Sparrowhawk	1	09:30	40	40m	0	40	Sparrowhawk, commuting flight off-site.
WD44	17/12/2020	Golden Plover	25	13:58	25	25m	0	25	Golden Plover flying south near VP3.
RP77	15/01/2021	Kestrel	1	09:35	20	40m	0	20	Kestrel commuting by VP6
WT3	15/01/2021	Grey Heron	1	10:25	15	10m	10	5	Grey Heron flying south, appeared to land.
WT4	15/01/2021	Grey Heron	1	10:27	5	10m	0	5	Grey Heron (same bird as WT3) flying onwards to south.
RP78	15/01/2021	Sparrowhawk	1	11:01	5	<5m	0	5	Brief sighting of Sparrowhawk hunting low near VP2.
WT5	15/01/2021	Grey Heron	1	11:29	10	10m	0	10	Grey Heron seen off-site.
WT6	15/01/2021	Grey Heron	1	11:48	55	15m	40	15	Grey Heron flying north.
RP79	15/01/2021	Buzzard	1	12:42	25	15m	0	25	Buzzard circling north of the site.
RP80	15/01/2021	Buzzard	1	13:16	15	10m	0	15	Buzzard flying over conifers southwest of VP1.



Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP81	15/01/2021	Kestrel	1	13:57	350	30m	0	350	Kestrel hunting north of VP5.
RP82	15/01/2021	Kestrel	1	14:06	150	40m	0	150	Kestrel hunting, gaining height from 40-80m AGL.
RP83	15/01/2021	Kestrel	1	14:07	90	40m	0	90	Kestrel hunting north of VP5.
RP84	15/01/2021	Kestrel	1	14:20	180	20m	0	180	Kestrel hunting over stubble field.
RP85	08/02/2021	Kestrel	1	09:40	90	10m	0	90	Kestrel hunting near VP6.
RP86	08/02/2021	Buzzard	1	09:49	45	15m	0	45	Buzzard circling from 10-20m AGL north of VP6.
RP87	08/02/2021	Buzzard	1	10:10	175	20m	175	0	Buzzard soaring from 20-50m AGL heading south.
RP88	08/02/2021	Sparrowhawk	1	10:11	20	<5m	0	20	Sparrowhawk hunting low near VP2.
RP89	08/02/2021	Buzzard	1	10:14	45	15m	45	0	Buzzard flying south over site.
RP90	08/02/2021	Buzzard	1	10:29	10	15m	0	10	Buzzard seen near VP6.
RP91	08/02/2021	Buzzard	1	10:35	50	20m	0	50	Buzzard seen near VP3.
RP92	08/02/2021	Buzzard	1	10:41	20	25m	0	20	Buzzard commuting over forestry.
RP93	08/02/2021	Buzzard	1	10:42	90	15m	0	90	Buzzard, calling and circling near VP2.
RP94	08/02/2021	Buzzard	1	10:49	50	20m	0	50	Buzzard circling and flying south past VP6.
RP95	08/02/2021	Kestrel	1	11:06	30	20m	0	30	Kestrel hunting near VP3.
RP96	08/02/2021	Buzzard	1	11:45	235	25m	0	235	Buzzard hunting east of VP2.
WD45	08/02/2021	Snipe	1	11:54	25	10m	0	25	Snipe flying north of VP2.
RP97	08/02/2021	Buzzard	1	12:09	80	10m	0	80	Buzzard flying along forestry

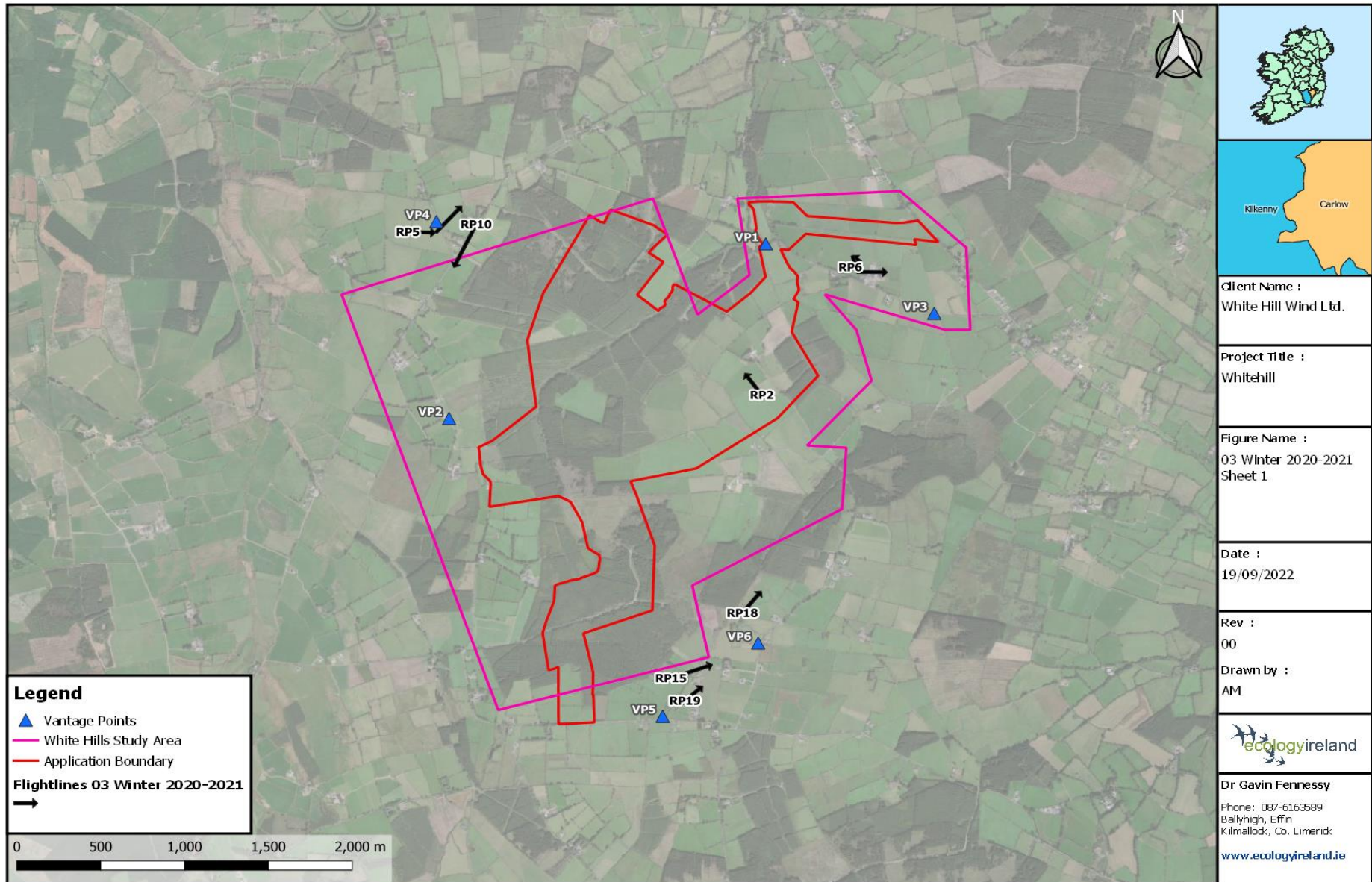
Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									edge.
RP98	08/02/2021	Buzzard	4	13:15	350	15m	120	230	First one Buzzard seen flying south, joined by two more Buzzards and finally a fourth bird before all dropped from view.
RP99	08/02/2021	Buzzard	1	13:26	70	15m	0	70	Buzzard being mobbed by corvids off-site.
R100	08/02/2021	Buzzard	1	13:57	15	20m	15	0	Buzzard flying over forestry.
R101	08/02/2021	Buzzard	1	14:00	335	30m	335	0	Buzzard soaring over farmland 30-40m AGL.
R102	08/02/2021	Buzzard	2	14:03	90	25m	0	90	Buzzards circling together north of VP6.
R103	08/02/2021	Sparrowhawk	1	14:14	5	40m	0	5	Brief sighting of Sparrowhawk heading southwest.
R104	08/02/2021	Buzzard	2	14:19	750	30m	0	750	Buzzards circling and soaring near VP2, joined for 3 minutes by a third bird. Soared up to 50m AGL.
R105	08/02/2021	Buzzard	1	14:42	180	30m	50	130	Buzzard flying to the east.
R106	08/02/2021	Kestrel	1	14:45	30	15m	0	30	Kestrel hunting north of VP6.
R107	08/02/2021	Buzzard	1	15:03	30	30m	30	0	Buzzard flying over forestry southeast of VP2.
R108	08/02/2021	Buzzard	1	15:06	20	15m	0	20	Buzzard flying east off-site.
WD46	05/03/2021	Golden Plover	50	09:17	120	120m	60	60	Flock circling over forestry and farmland.
WD47	05/03/2021	Golden Plover	51	09:40	205	20m	0	205	Flock circling over fields near VP4.

Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP109	05/03/2021	Buzzard	2	09:55	10	25m	0	10	Two Buzzards flying together off-site.
WD48	05/03/2021	Golden Plover	50	10:07	30	140m	20	10	Flock of Golden Plover flying east.
WD49	05/03/2021	Golden Plover	20	10:09	80	60m	25	55	Golden Plovers flying to southwest.
WD50	05/03/2021	Golden Plover	50	10:12	60	35m	60	0	Golden Plover flying west.
RP110	05/03/2021	Buzzard	2	10:21	55	20m	0	55	Buzzards soaring up to 40m AGL off-site.
RP111	05/03/2021	Buzzard	1	10:22	80	90m	0	80	Buzzard circling from 80-100m AGL off-site.
WD51	05/03/2021	Golden Plover	10	10:54	15	20m	0	15	Buzzard flying south at 20m AGL.
RP112	05/03/2021	Buzzard	1	11:05	170	50m	0	170	Buzzard flying from 50-30m AGL over forestry.
RP113	05/03/2021	Buzzard	2	11:22	500	50m	0	500	Two Buzzards flying together, circling and soaring from 50-80m AGL
RP114	05/03/2021	Kestrel	1	11:31	40	15m	0	40	Kestrel hunting off-site.
RP115	05/03/2021	Buzzard	2	11:41	250	60m	0	250	Two Buzzards circling over forestry.
RP116	05/03/2021	Sparrowhawk	1	12:09	15	10m	0	15	Brief sighting of Sparrowhawk off-site.
WD52	05/03/2021	Golden Plover	80	12:30	45	75m	45	0	Flock of Golden Plover dropping to 10m AGL as they headed east.
WD53	05/03/2021	Golden Plover	60	12:44	100	35m	0	100	Golden Plover flock circling north of the site.

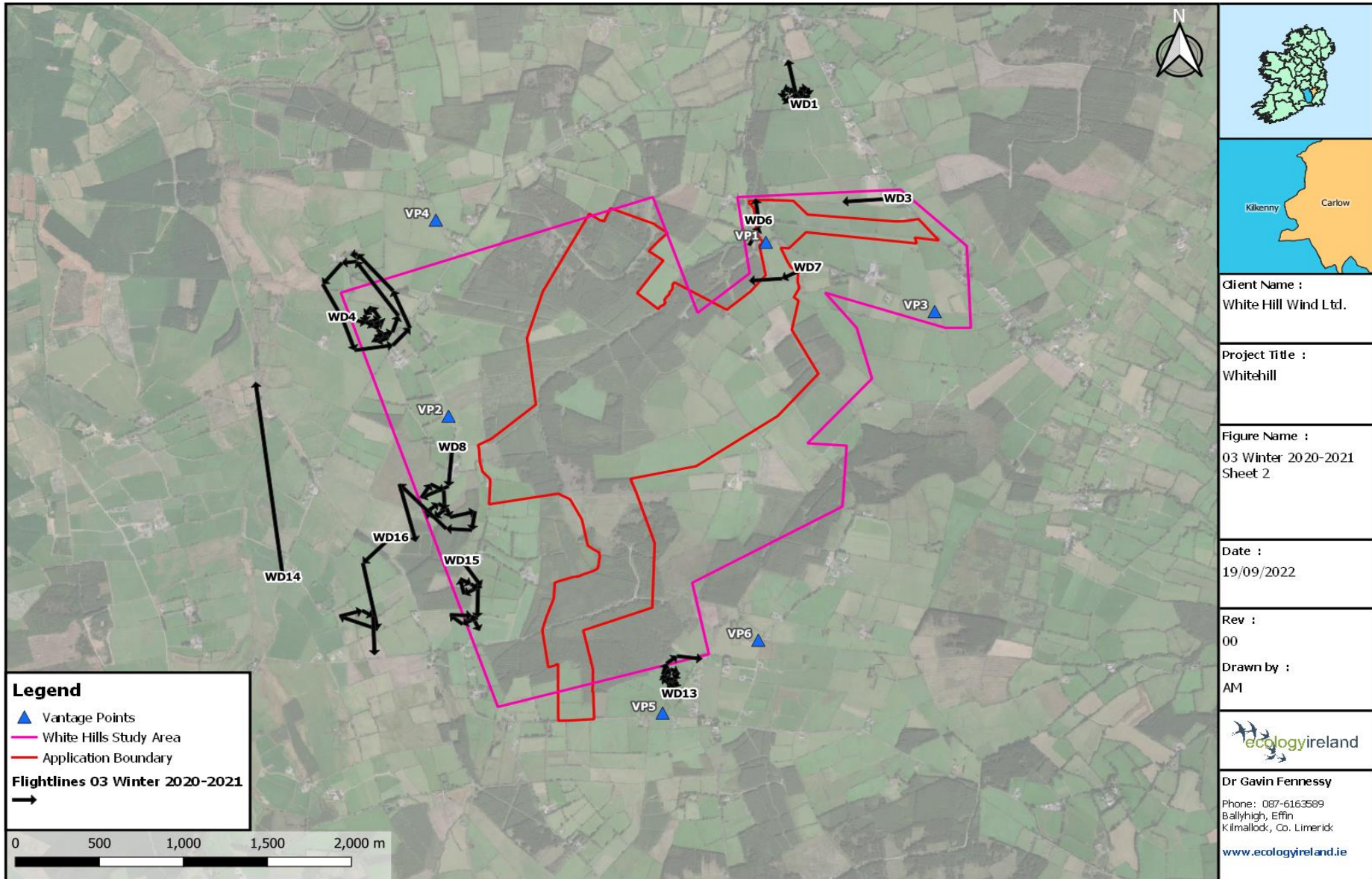


Winter Season 2020/2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD54	05/03/2021	Golden Plover	75	12:51	540	40m	0	540	Golden Plover flock circling from 40-80m AGL off-site.
RP117	05/03/2021	Buzzard	1	13:10	250	60m	210	40	Buzzard circling from 60-80m AGL before dropping from view.
WD55	05/03/2021	Golden Plover	50	13:15	90	40m	0	90	Golden Plover flock flying southwest of VP4.
WD56	05/03/2021	Golden Plover	75	13:17	105	50m	0	105	Golden Plover flock circling to the west of VP4.
WD57	05/03/2021	Golden Plover	60	13:20	50	35m	0	50	Golden Plover circling close to VP4.
WD58	05/03/2021	Golden Plover	70	13:32	50	35m	0	50	Golden Plover circling close to VP4.
WD59	05/03/2021	Golden Plover	65	13:51	75	40m	0	75	Golden Plover flying north over VP4.
RP118	05/03/2021	Buzzard	1	14:01	30	40m	0	30	Buzzard circling from 40-50m AGL.
WD60	05/03/2021	Golden Plover	24	14:09	255	80m	0	255	Flock of Golden Plover flying south from 60-80m AGL off-site.
RP119	05/03/2021	Buzzard	1	14:15	135	20m	0	135	Buzzard flying to the southeast.
RP120	05/03/2021	Buzzard	1	14:31	50	80m	0	50	Soaring Buzzard, off-site.

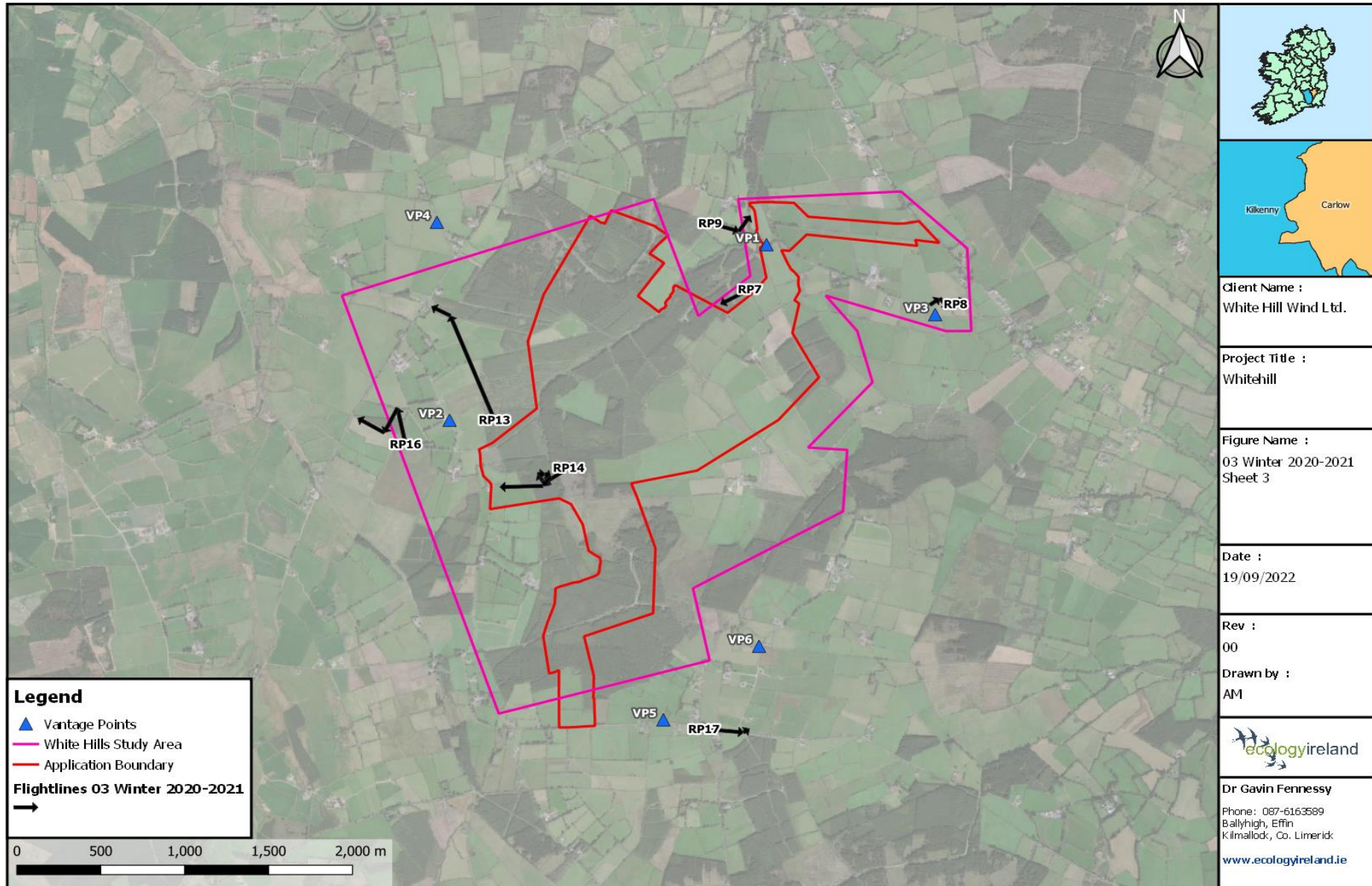
**Table A5.3.3: Flightline Descriptions for the Winter Season 2020/2021**



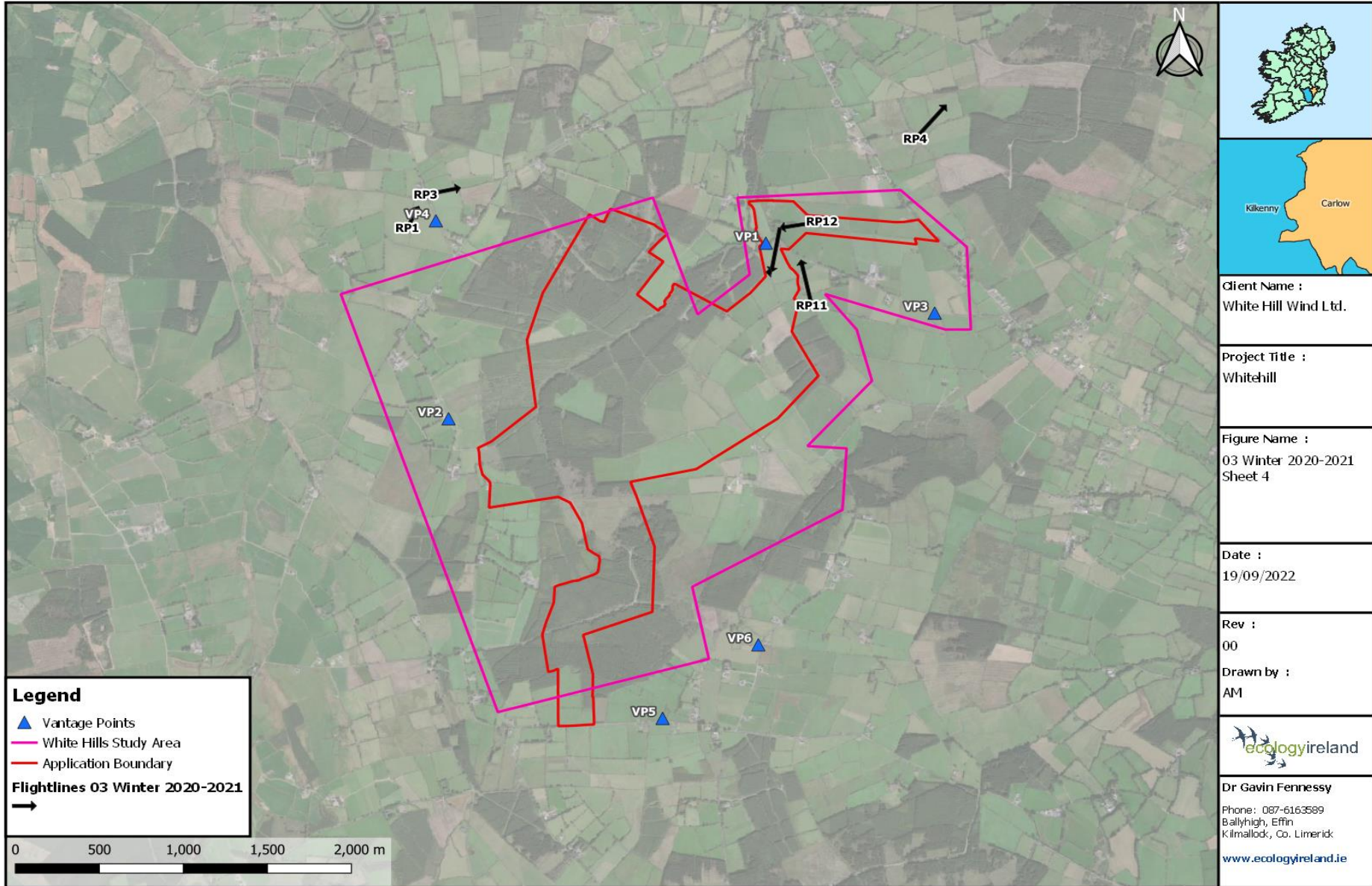




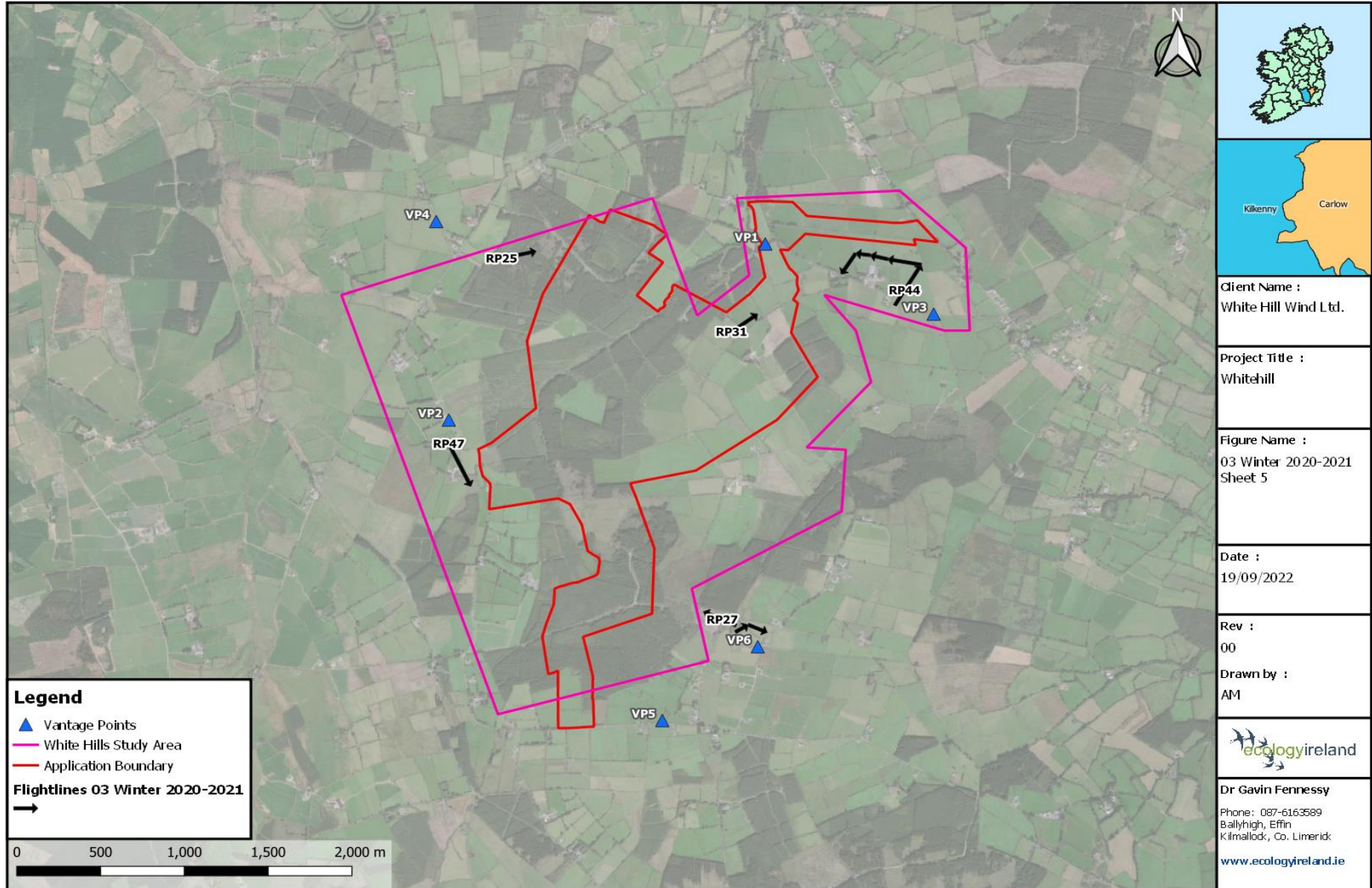




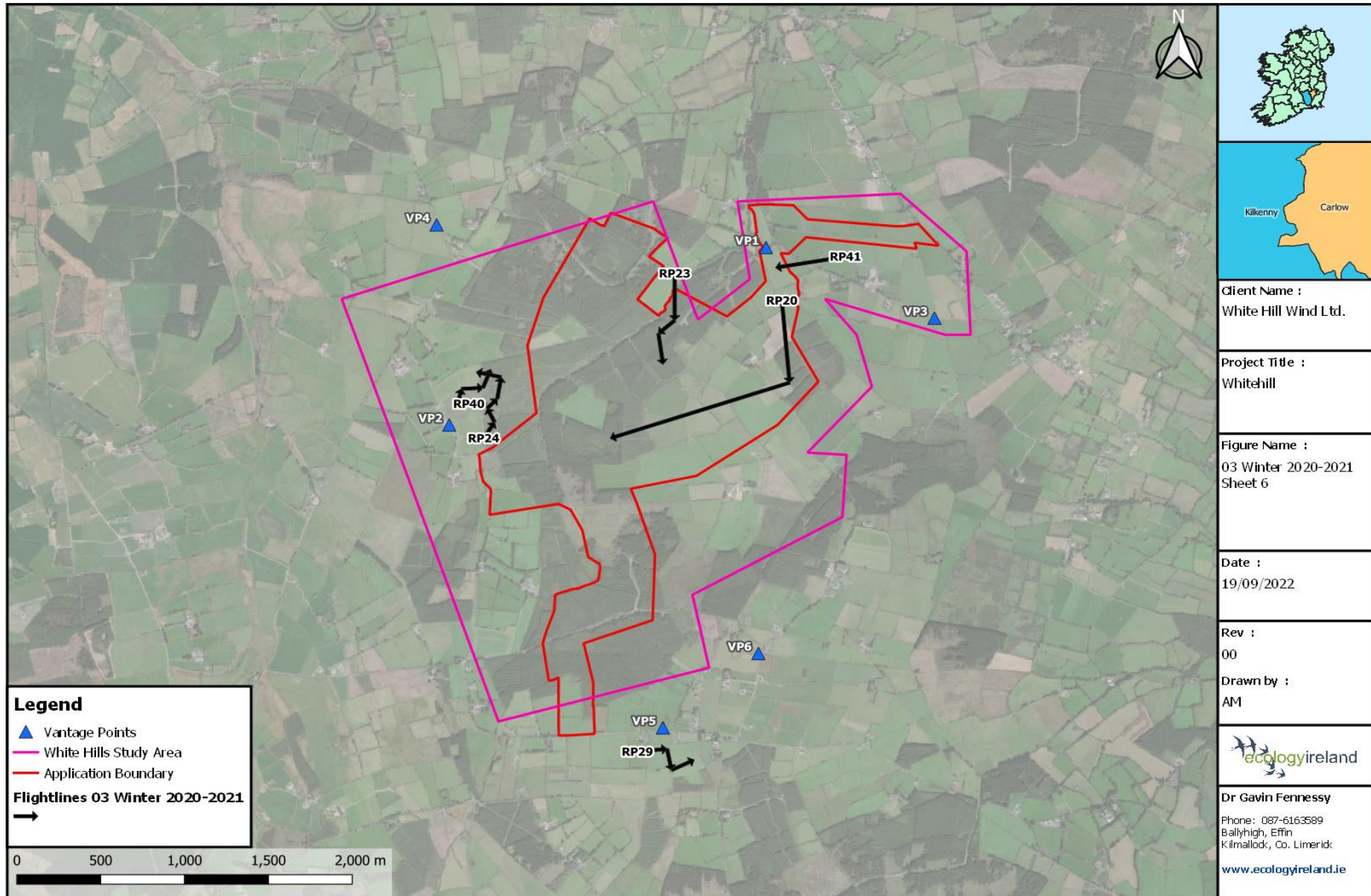




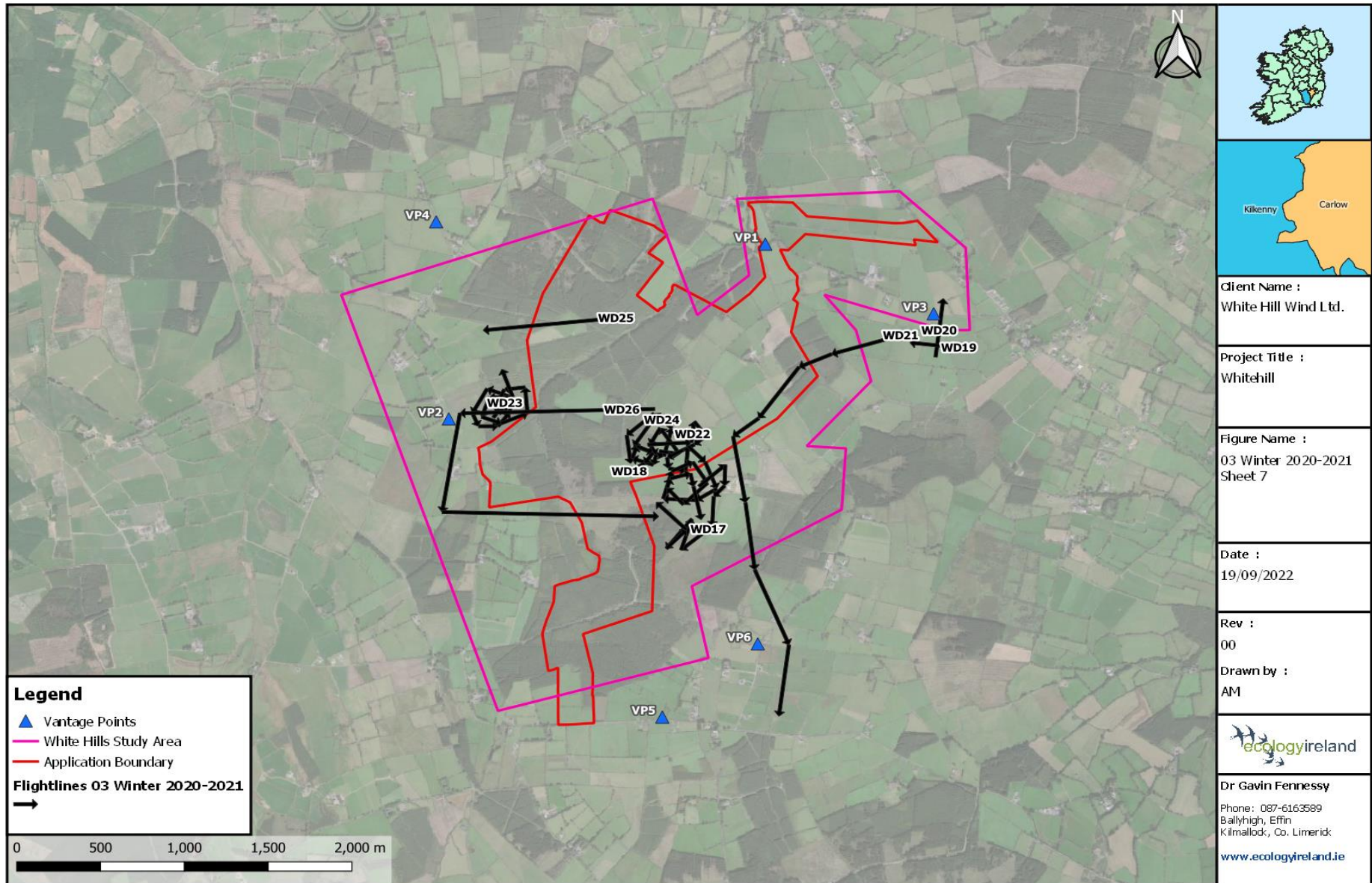




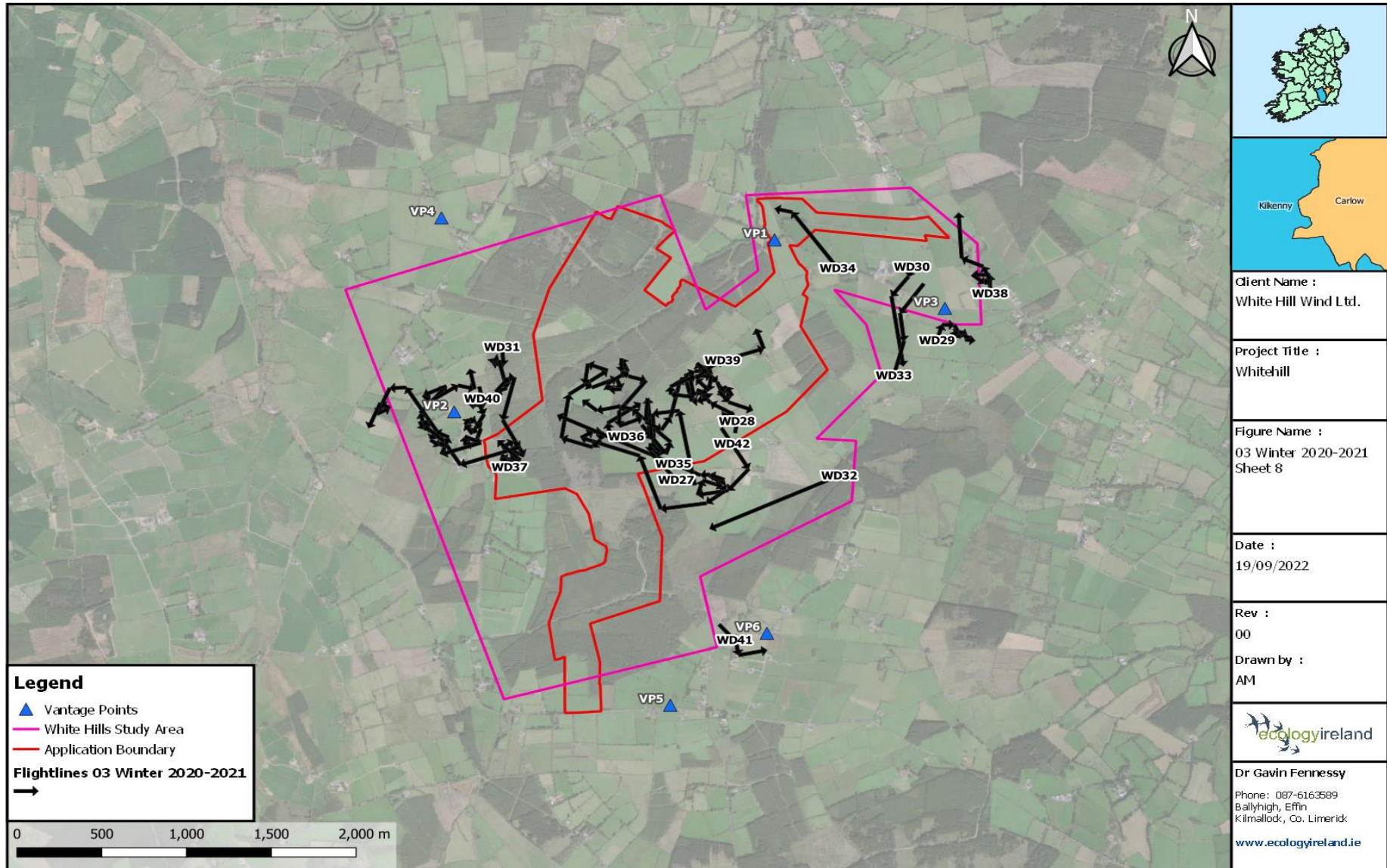




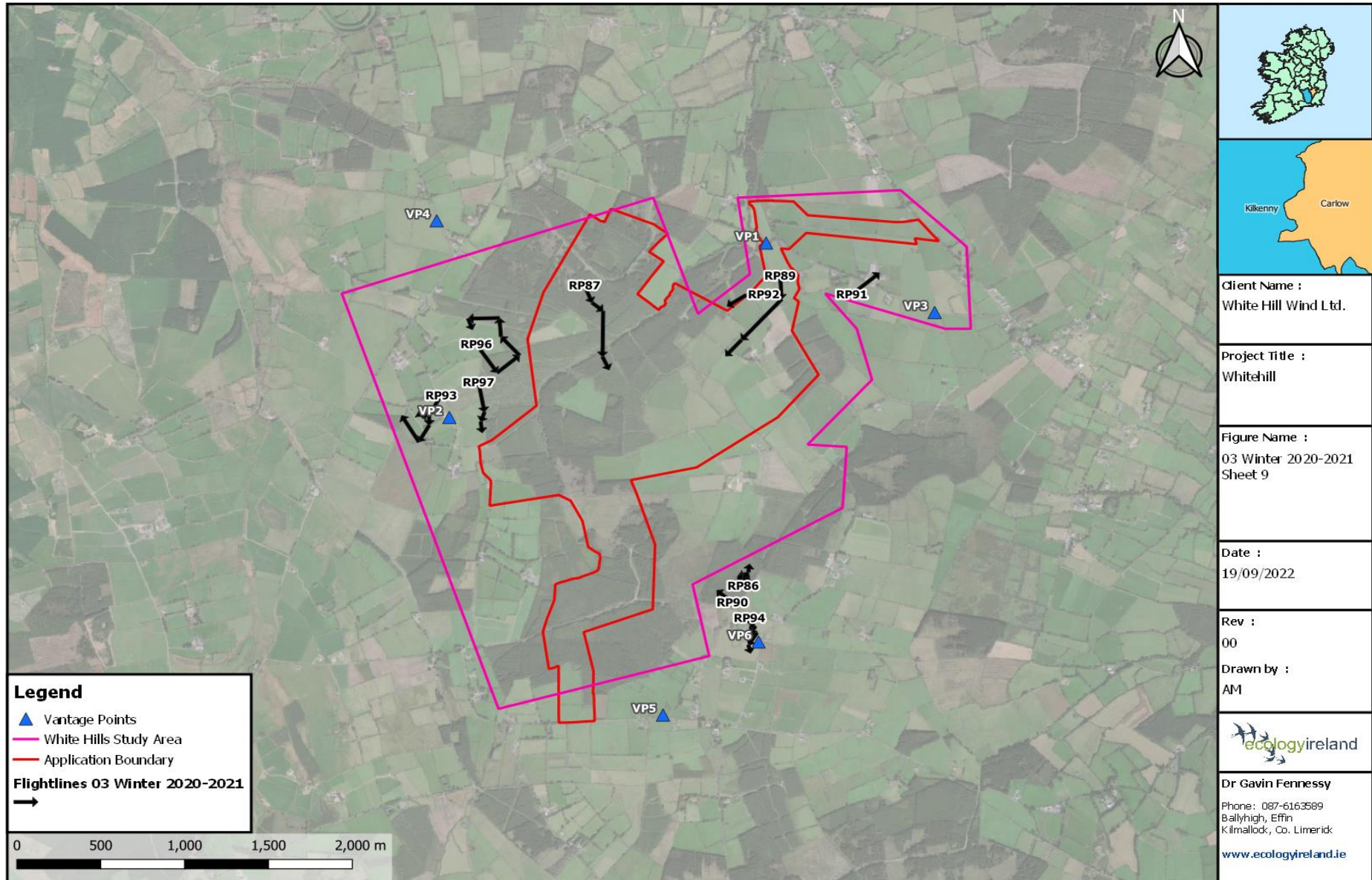




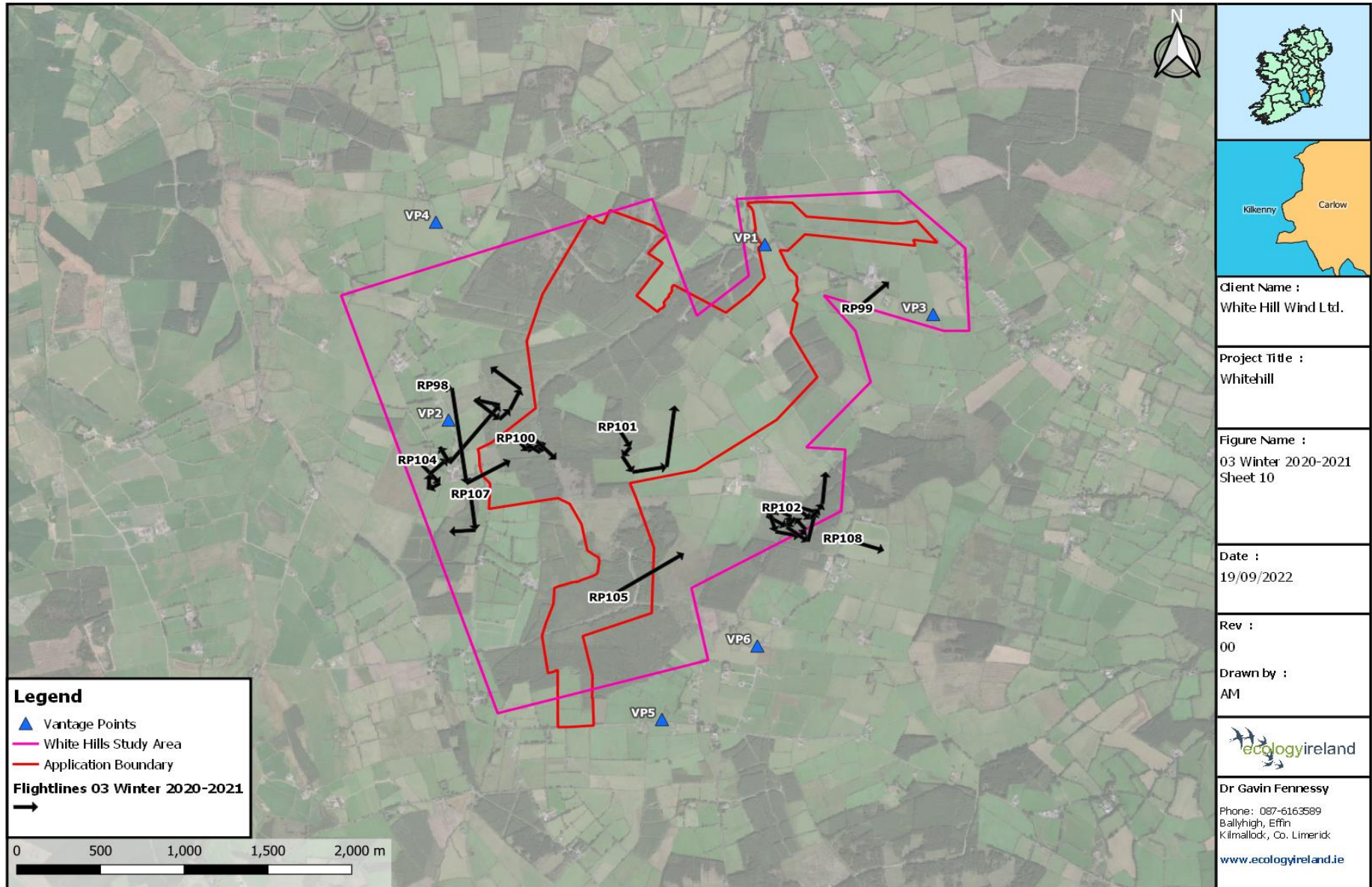




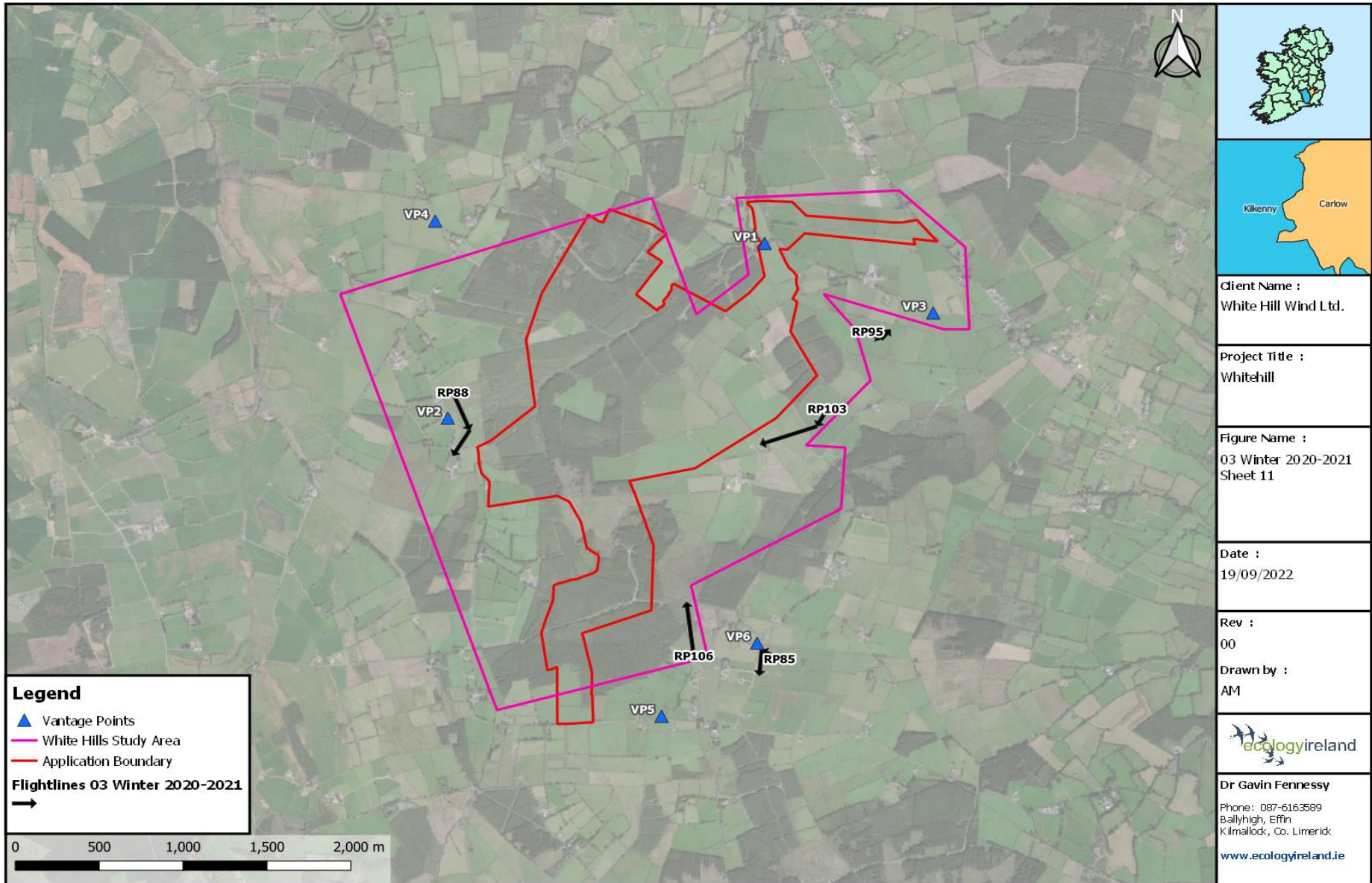




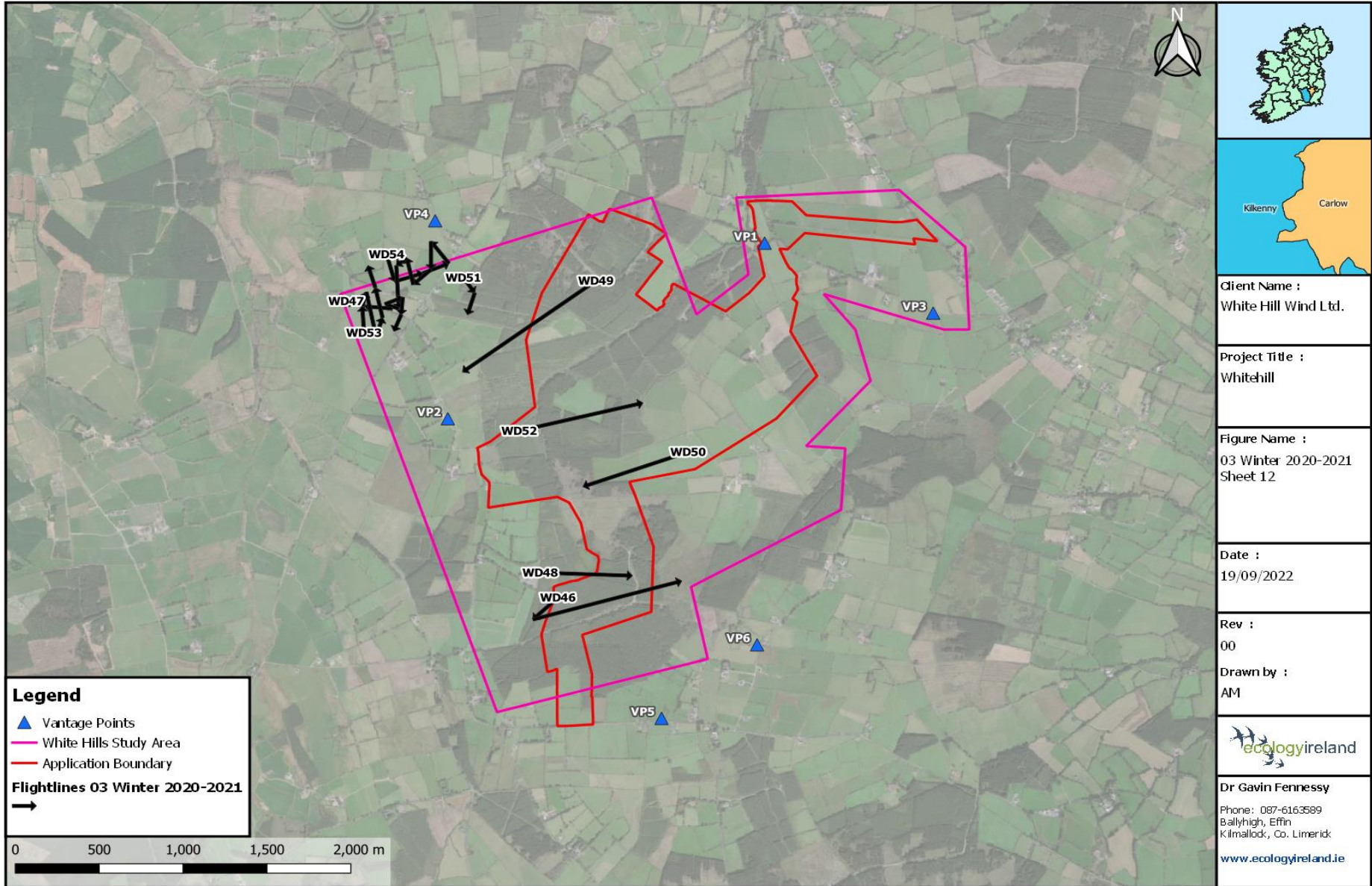




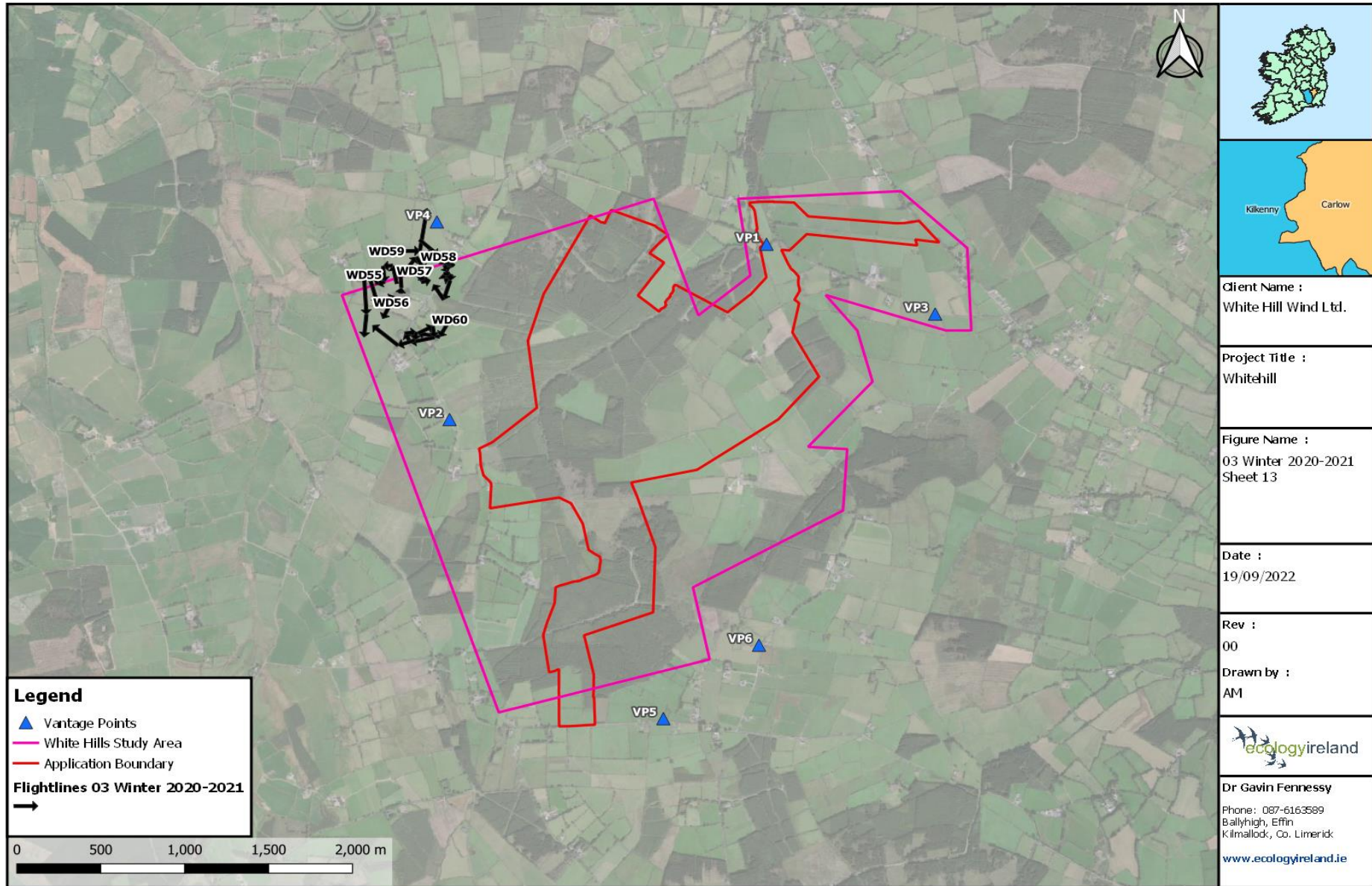




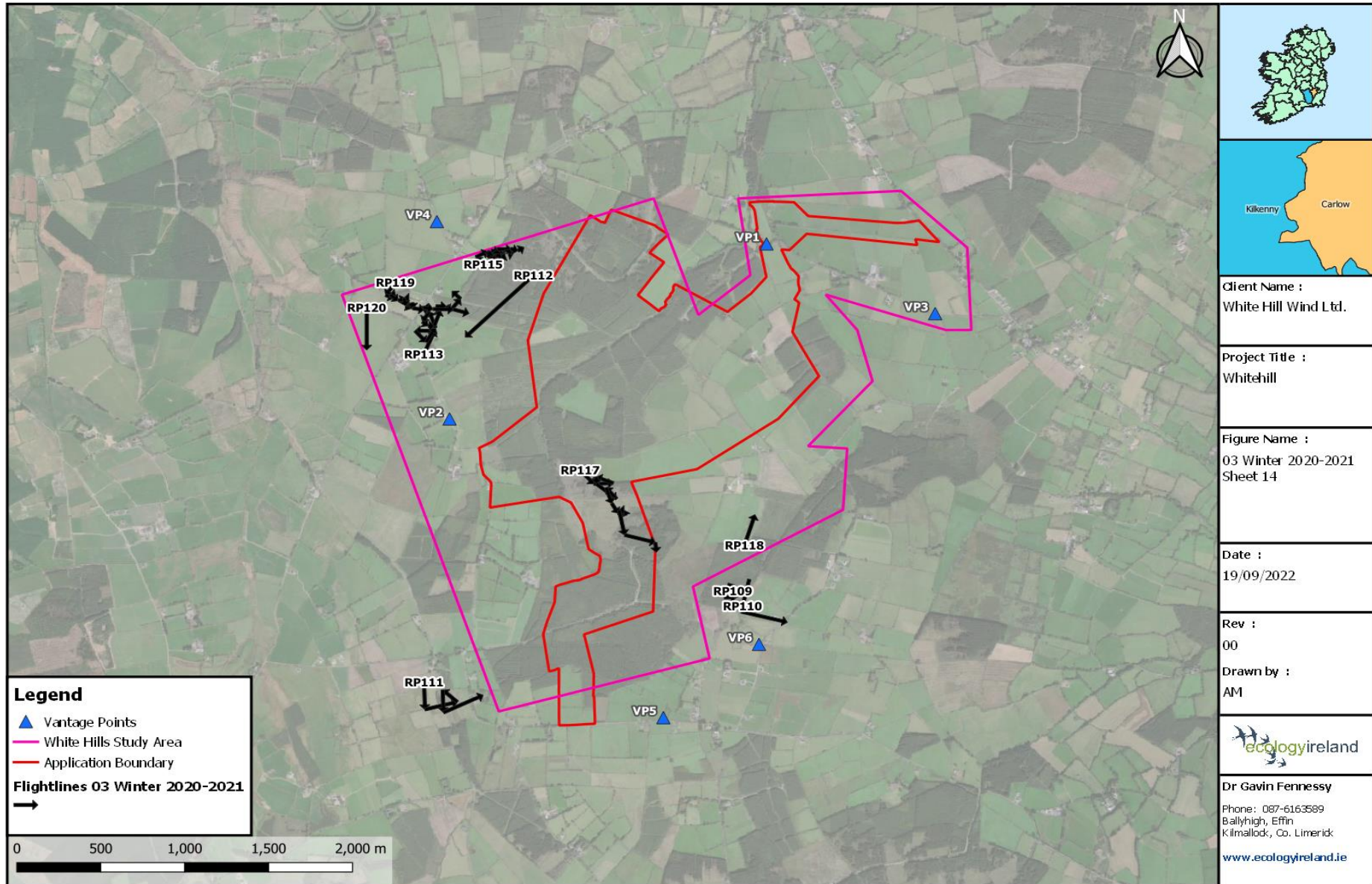




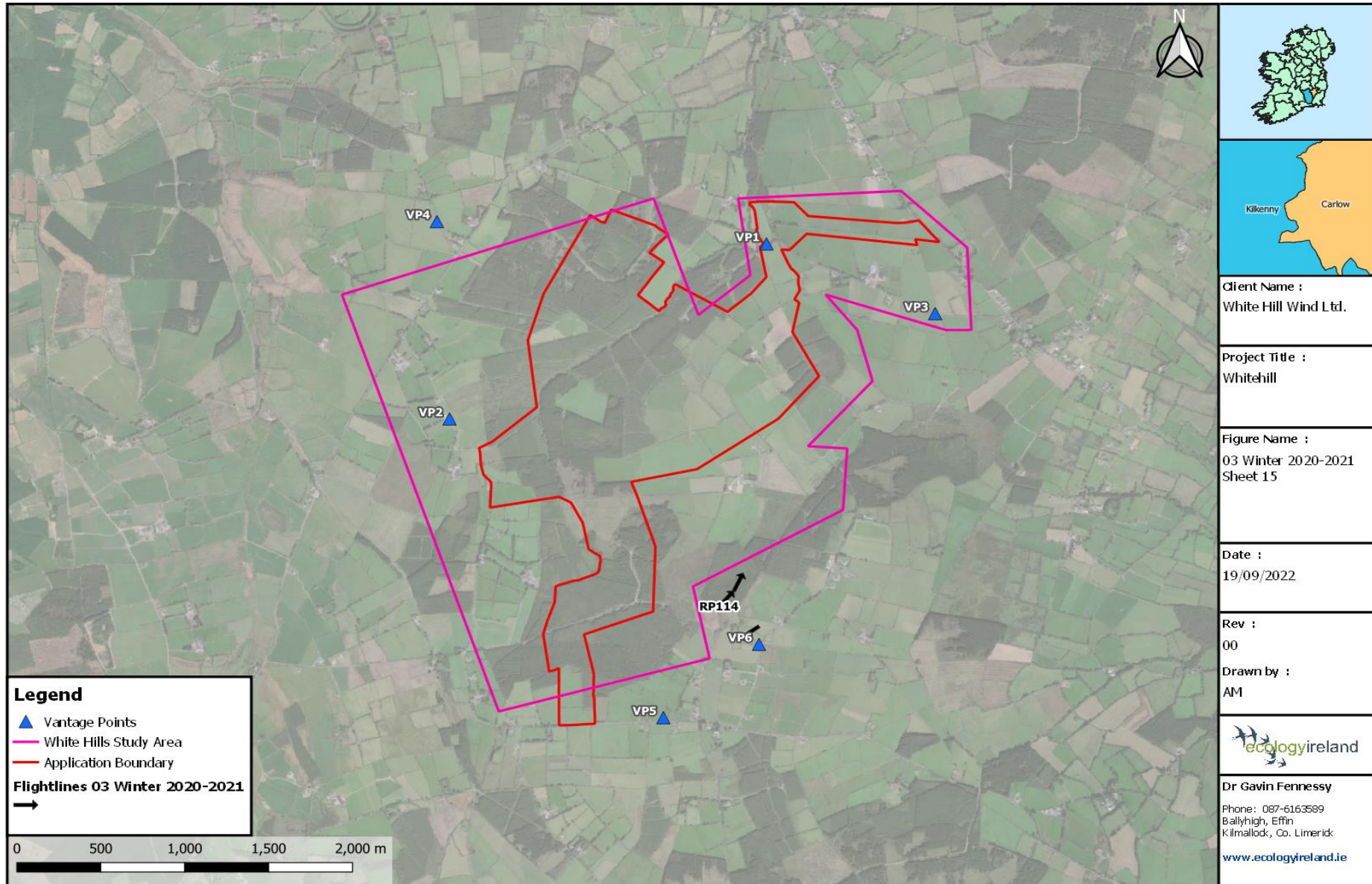




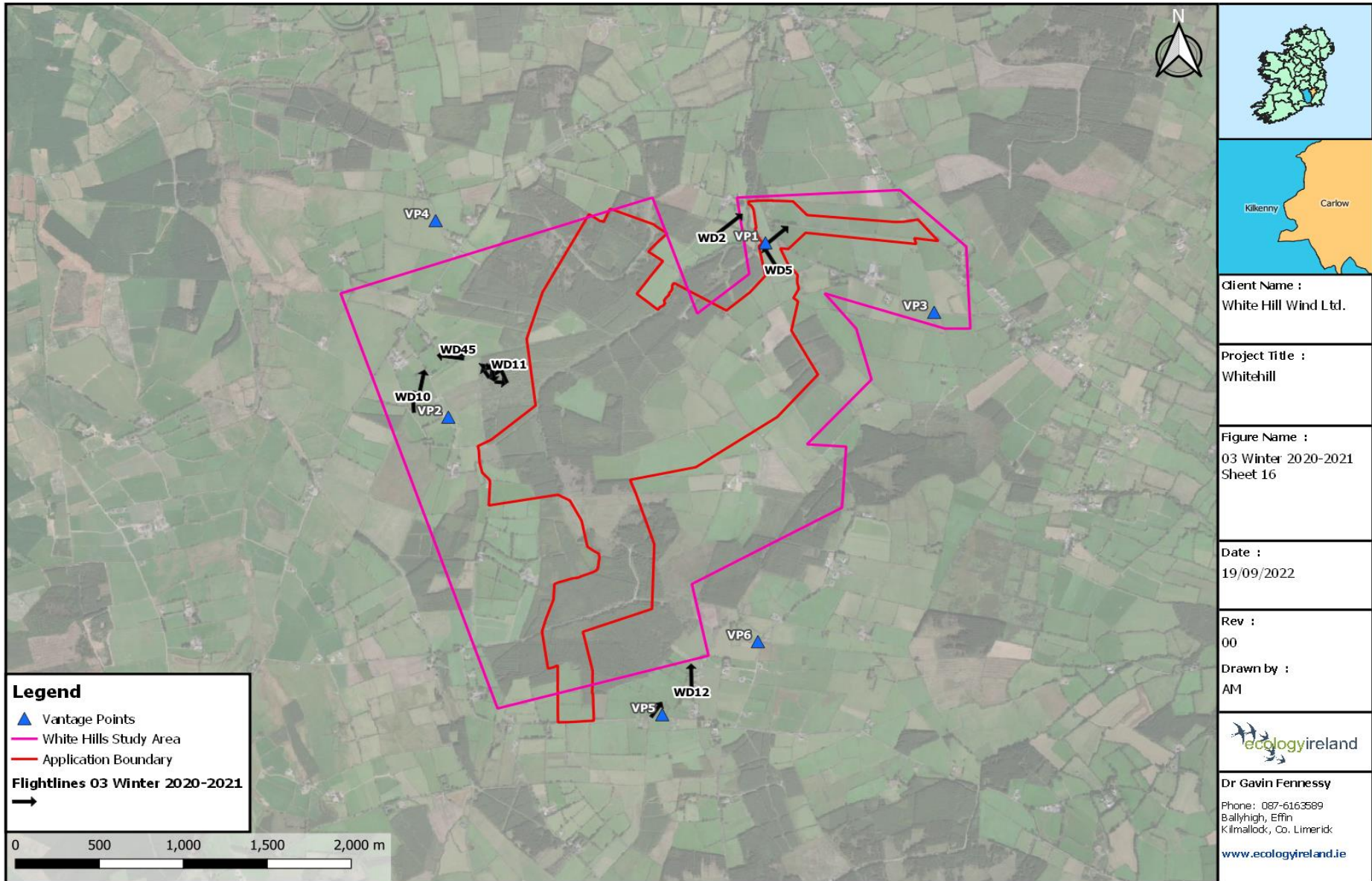




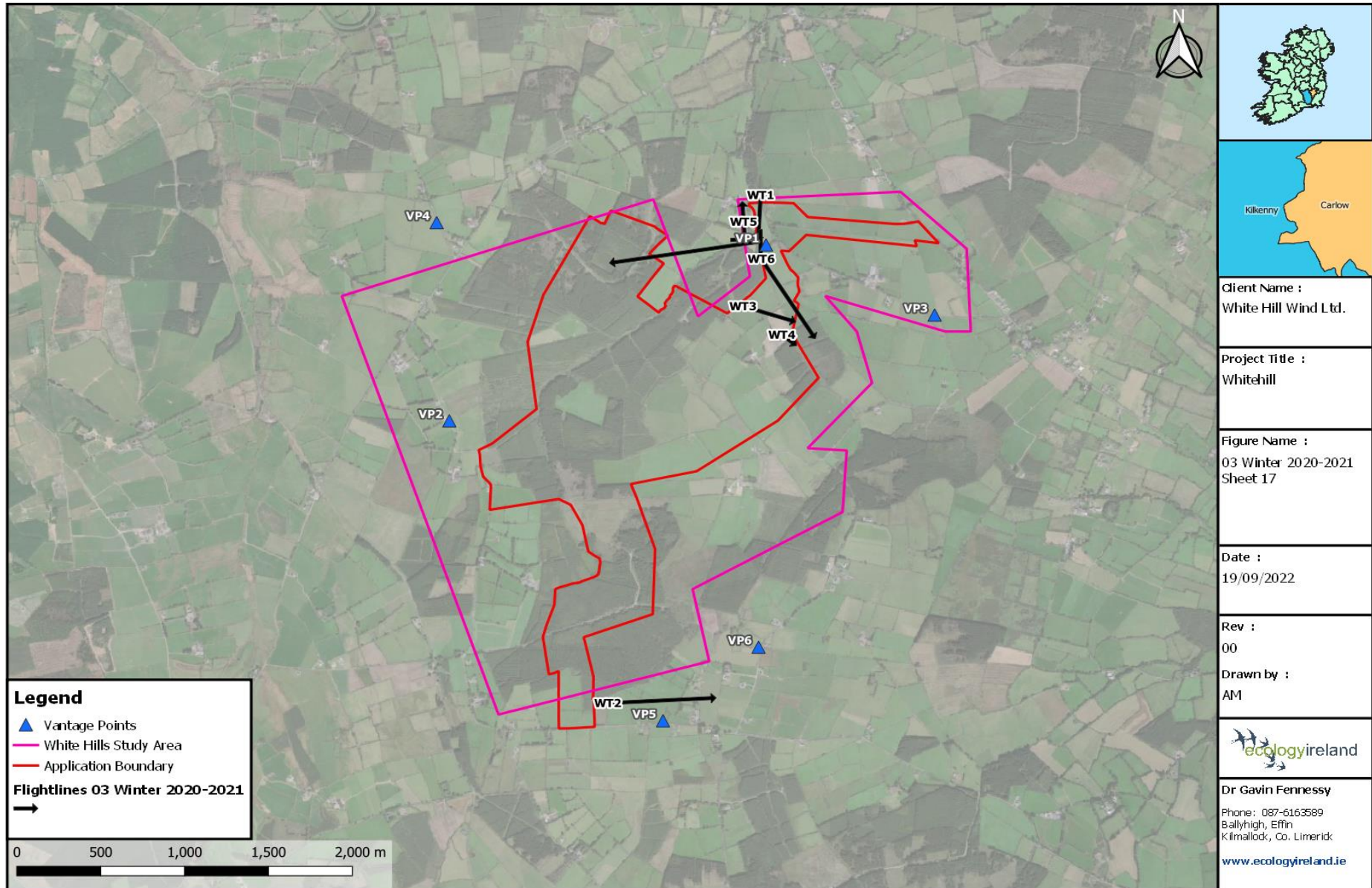












Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD1	19/03/2021	Golden Plover	50	10:04	350	100m	280	70	Flock of Golden Plover in broad sweeping circle.
RP1	19/03/2021	Buzzard	2	10:18	120	40m	0	120	Buzzards soaring off-site.
RP2	19/03/2021	Sparrowhawk	1	10:44	10	10m	0	10	Brief sighting of Sparrowhawk flying east.
WT1	19/03/2021	Grey Heron	1	10:45	25	30m	0	25	Grey Heron in commuting flight off-site.
WT2	19/03/2021	Grey Heron	1	11:02	100	5m	0	100	Grey Heron flying low to the southwest north of VP4.
RP3	19/03/2021	Buzzard	2	11:12	30	35m	0	30	Buzzards flying together over forestry.
RP4	19/03/2021	Buzzard	2	11:27	120	100m	0	120	Two Buzzards circling and soaring together.
RP5	19/03/2021	Buzzard	1	11:35	10	30m	10	0	Buzzard flying over forestry, dropped from view.
RP6	19/03/2021	Buzzard	3	11:42	120	100m	0	120	Three Buzzards flying together, different from the two birds under observation at the same time [RP7]
RP7	19/03/2021	Buzzard	2	11:42	10	40m	0	10	Two Buzzards seen briefly.
RP8	19/03/2021	Sparrowhawk	1	12:18	75	60m	50	25	Femal Sparrowhawk in display flight.
RP9	19/03/2021	Kestrel	1	12:20	10	25m	10	0	Brief sighting of commuting Kestrel heading east.
WD2	19/03/2021	Golden Plover	50	12:22	10	40m	10	0	Golden Plovers flying east.
WD3	19/03/2021	Golden Plover	40	12:29	60	30m	0	60	Golden Plovers circling off-site.
RP10	19/03/2021	Sparrowhawk	1	12:36	40	20m	0	40	Sparrowhawk (Female)



Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									hunting over farmland heading southwest.
WD4	19/03/2021	Golden Plover	120	12:56	50	50m	0	50	Circling over farmland 50-80m AGL before dropping from view.
RP11	19/03/2021	Peregrine Falcon	1	14:55	30	15m	0	30	Peregrine commuting to the south.
RP12	22/04/2021	Sparrowhawk	1	09:02	20	20m	0	20	Sparrowhawk (Male) seen briefly near VP4.
RP13	22/04/2021	Kestrel	1	09:26	10	20m	0	10	Kestrel flying to northwest.
RP14	22/04/2021	Kestrel	1	09:27	10	30m	0	10	Kestrel observed hunting near VP4.
RP15	22/04/2021	Buzzard	1	09:29	125	80m	0	125	Buzzard circling heading south, dropping to 60m AGL.
RP16	22/04/2021	Buzzard	2	09:31	70	100m	70	0	Two Buzzards circling to north, one dropped lower 60m AGL and the other climber to 180m AGL.
RP17	22/04/2021	Buzzard	1	09:36	110	60m	0	110	Buzzard circling from 60-100m AGL.
RP18	22/04/2021	Buzzard	1	09:37	10	70m	0	10	Brief view of Buzzard near VP4.
RP19	22/04/2021	Sparrowhawk	1	09:41	30	30m	0	30	Sparrowhawk (Male) hunting near VP4.
RP20	22/04/2021	Buzzard	1	09:44	150	100m	150	0	Buzzard soaring over site from 100-150m AGL.
RP21	22/04/2021	Kestrel	1	10:01	90	30m	0	90	Kestrel hunting near VP4.
RP22	22/04/2021	Kestrel	1	10:18	50	30m	0	50	Kestrel hovering off-site near VP2.

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP23	22/04/2021	Buzzard	2	10:31	150	25m	0	150	Two Buzzards soaring north of VP6.
RP24	22/04/2021	Buzzard	1	10:33	80	40m	0	80	Buzzard circling dropping to 20m AGL.
RP25	22/04/2021	Buzzard	2	10:48	30	60m	0	30	Buzzard seen northeast of VP2.
RP26	22/04/2021	Buzzard	1	10:58	105	50m	0	105	Buzzard soaring north of VP5.
RP27	22/04/2021	Buzzard	1	11:19	65	40m	0	65	Buzzard flying close to VP5.
RP28	22/04/2021	Buzzard	1	11:44	50	100m	50	0	Buzzard high above site, mobbed by Corvids.
RP29	22/04/2021	Buzzard	1	12:03	170	120m	25	145	Buzzard circling up to 150m AGL heading west.
RP30	22/04/2021	Buzzard	2	12:05	510	100m	0	510	Two Buzzards flying off-site, soaring up to 200m AGL.
RP31	22/04/2021	Buzzard	1	12:07	210	80m	0	210	Buzzard flying from 80-100m AGL near VP5.
RP32	22/04/2021	Buzzard	1	12:46	95	75m	0	95	Buzzard soaring above forestry.
RP33	22/04/2021	Buzzard	2	13:10	75	35m	0	75	Buzzards circling off-site.
RP34	22/04/2021	Buzzard	1	13:11	180	40m	130	50	Buzzard circling over forestry.
RP35	22/04/2021	Buzzard	2	13:11	310	250m	310	0	Buzzards circling over farmland.
RP36	22/04/2021	Kestrel	1	13:14	60	30m	0	60	Kestrel hunting near VP4.
RP37	22/04/2021	Buzzard	2	13:21	310	120m	60	250	Buzzards circling and drifting to northwest.
RP38	22/04/2021	Sparrowhawk	1	13:30	20	15m	10	10	Sparrowhawk flying west.
RP39	22/04/2021	Buzzard	2	13:33	120	80m	0	120	Buzzards flying together



Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									northeast of VP6.
RP40	22/04/2021	Buzzard	1	13:34	210	50m	0	210	Buzzard circling from 50-80m AGL heading west.
RP41	22/04/2021	Kestrel	1	13:37	30	60m	5	25	Kestrel heading to the southeast.
RP42	22/04/2021	Kestrel	1	14:13	215	80m	0	215	Kestrel heading to the southeast.
RP43	22/04/2021	Buzzard	1	14:15	55	80m	45	10	Buzzard flying to the southeast.
RP44	22/04/2021	Buzzard	2	14:32	70	90m	0	70	Two Buzzards flying together southeast of VP4.
RP46	22/04/2021	Buzzard	1	14:46	30	100m	0	30	Buzzard soaring drifting east.
RP45	22/04/2021	Buzzard	2	14:54	120	75m	0	120	Two Buzzards flying over VP6 heading south.
RP47	22/04/2021	Buzzard	2	15:04	90	50m	0	90	Two Buzzards east of VP5 circling up to 100m AGL.
RP48	26/05/2021	Buzzard	1	09:51	185	100m	185	0	Buzzard circling over forestry.
RP49	26/05/2021	Buzzard	1	10:45	80	150m	60	20	Buzzard soaring and commuting to east.
WT3	26/05/2021	Grey Heron	1	10:48	25	180m	5	20	Grey Heron commuting to southeast, very high.
RP50	26/05/2021	Buzzard	1	11:14	20	100m	20	0	Buzzard soaring high over forestry on-site.
RP51	26/05/2021	Sparrowhawk	1	11:31	15	30m	15	0	Sparrowhawk flying to the northwest
RP52	26/05/2021	Buzzard	1	11:32	110	80m	0	110	Buzzard soaring south of VP4.

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP53	26/05/2021	Buzzard	1	11:33	10	30m	0	10	Buzzard flying to the northwest.
RP54	26/05/2021	Buzzard	1	11:39	70	50m	0	70	Buzzard circling and soaring over farmland north of VP6.
RP55	26/05/2021	Buzzard	1	11:59	20	50m	0	20	Buzzard seen briefly east of VP6.
RP56	26/05/2021	Buzzard	1	12:04	5	40m	5	0	Buzzard seeing drop rapidly from 40m towards ground.
RP57	26/05/2021	Buzzard	1	12:11	90	150m	0	90	Buzzard commuting to the south.
RP58	26/05/2021	Buzzard	2	12:25	1080	60m	250	830	Buzzards circling from 60-100m AGL, mostly about 70m AGL.
RP59	26/05/2021	Buzzard	2	13:06	180	100m	0	180	Two Buzzards soaring and displaying off-site.
RP60	26/05/2021	Buzzard	1	13:13	90	50m	0	90	Buzzard circling and soaring off-site.
RP61	26/05/2021	Buzzard	2	13:29	90	70m	0	90	Buzzard moving to the west joined by second bird and soaring up to 150m AGL, drifting to the southwest.
RP62	26/05/2021	Buzzard	1	13:35	180	100m	0	180	Flying to northwest off-site.
WT4	26/05/2021	Grey Heron	1	13:38	25	125m	0	25	Grey Heron commuting high over farmland.
RP63	26/05/2021	Kestrel	1	14:35	20	<5m	0	20	Kestrel seen hunting low off-site.
RP64	26/05/2021	Buzzard	1	14:49	15	35m	0	15	Brief sighting of circling Buzzard off-site.
RP65	26/05/2021	Buzzard	1	14:52	40	35m	0	40	Buzzard circling well off-

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									site.
RP66	26/05/2021	Buzzard	1	15:03	60	30m	0	60	Buzzard hunting east of VP6.
RP67	26/05/2021	Buzzard	1	15:16	200	80m	200	0	Buzzard circling up to 120m AGL.
RP68	31/05/2021	Buzzard	1	08:53	20	10m	0	20	Buzzard circling 10-20m AGL south of VP3.
RP69	31/05/2021	Buzzard	1	09:10	35	30m	0	35	Buzzard flying the northwest, dropping quickly from view.
RP70	31/05/2021	Buzzard	1	09:10	60	25m	0	60	Buzzard circling off-site.
RP71	31/05/2021	Buzzard	1	09:21	180	30m	0	180	Buzzard circling off-site.
RP72	31/05/2021	Buzzard	1	09:45	360	40m	100	260	Buzzard soaring over forestry south of VP1.
RP73	31/05/2021	Buzzard	1	09:48	180	100m	0	180	Buzzard soaring up to 150m AGL.
RP74	31/05/2021	Buzzard	1	09:48	530	80m	0	530	Buzzard soaring up to 150m AGL.
WT5	31/05/2021	Lesser Black-backed Gull	1	10:00	25	10m	0	25	Gull commuting to west.
RP75	31/05/2021	Buzzard	1	10:03	70	70m	0	70	Buzzard circling from 70-50m AGL south of VP3.
RP76	31/05/2021	Buzzard	1	10:08	125	100m	0	125	Buzzard circling off-site from 100-120m AGL.
RP77	31/05/2021	Buzzard	1	10:08	60	40m	0	60	Buzzard circling off-site from 40-60m AGL.
RP78	31/05/2021	Buzzard	1	10:11	50	50m	0	50	Buzzard dropping out of view.
RP79	31/05/2021	Buzzard	1	10:16	160	70m	120	40	Buzzard circling over



Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									forestry.
RP80	31/05/2021	Buzzard	1	10:22	80	50m	0	80	Buzzard soaring off-site.
RP81	31/05/2021	Buzzard	1	10:27	20	60m	0	20	Buzzard north of VP1.
RP82	31/05/2021	Buzzard	1	10:29	90	100m	0	90	Buzzard soaring the dropping to 70m AGL.
RP83	31/05/2021	Buzzard	1	10:31	25	30m	0	25	Buzzard southeast of VP3.
RP84	31/05/2021	Buzzard	1	10:34	240	60m	240	0	Buzzard circling on site from 60-120m AGL.
RP85	31/05/2021	Buzzard	1	10:46	190	45m	0	190	Buzzard commuting to the east off-site.
RP86	31/05/2021	Buzzard	1	11:03	50	40m	0	50	Buzzard flying to the northeast.
RP87	31/05/2021	Buzzard	1	11:37	90	50m	0	90	Buzzard circling from 40-30m AGL.
RP88	31/05/2021	Buzzard	1	12:08	5	<5m	0	5	Buzzard seen briefly near VP3.
RP89	31/05/2021	Buzzard	2	12:46	115	40m	0	115	Buzzard circling over forestry, joined by second bird which dropped off quickly.
WT6	31/05/2021	Lesser Black-backed Gull	1	12:52	160	35m	160	0	Gull flying south across the site.
WT7	31/05/2021	Lesser Black-backed Gull	1	12:58	180	40m	0	180	Gull flying east to the south of VP3.
RP90	31/05/2021	Buzzard	1	14:06	100	30m	0	100	Buzzard flying to the southeast.
WT8	31/05/2021	Lesser Black-backed Gull	1	14:16	75	35m	25	50	Gull flying east near VP3.

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP91	31/05/2021	Buzzard	2	14:29	60	30m	40	20	Buzzard flew with another bird that dropped from view. Original bird being mobbed by Hooded Crows
WT9	15/06/2021	Lesser Black-backed Gull	1	09:15	35	30m	0	35	Circled over fields and the headed to northwest.
WT10	15/06/2021	Lesser Black-backed Gull	1	09:21	10	30m	0	10	Brief sighting of bird heading to east off-site.
RP92	15/06/2021	Kestrel	1	09:24	10	15m	0	10	Bird dropped towards ground.
RP93	15/06/2021	Kestrel	1	09:45	10	15m	0	10	Kestrel hunting near VP2.
WT11	15/06/2021	Lesser Black-backed Gull	1	10:06	55	100m	0	55	Soaring and circling moving north.
RP94	15/06/2021	Buzzard	1	10:14	85	80m	85	0	Buzzard flying over the site from 80-120m AGL.
RP95	15/06/2021	Buzzard	2	10:14	5	30m	0	5	Two Buzzards spotted briefly off-site.
RP96	15/06/2021	Buzzard	1	10:15	40	50m	40	0	Buzzard circling over forestry on-site.
RP97	15/06/2021	Buzzard	1	10:16	120	100m	0	120	Buzzard circling up to 150m dropping to 30m AGL off-site.
RP98	15/06/2021	Buzzard	1	10:17	10	25m	10	0	Buzzard moving east.
RP99	15/06/2021	Buzzard	1	10:44	30	25m	20	10	Buzzard circling to the west.
WT12	15/06/2021	Lesser Black-backed Gull	3	10:47	20	30m	15	5	Gulls moving east and then south.
RP100	15/06/2021	Buzzard	1	10:51	5	120m	0	5	Brief sighting of Buzzard off-site.
WT13	15/06/2021	Lesser Black-	3	10:51	15	30m	15	0	Three Gulls flying west on-

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
		backed Gull							site.
RP101	15/06/2021	Buzzard	1	10:52	25	25m	0	25	Buzzard moving south of VP2.
WT14	15/06/2021	Lesser Black-backed Gull	1	10:53	10	25m	0	10	Gull flying southwest of VP2.
RP102	15/06/2021	Buzzard	1	10:54	55	100m	0	55	Buzzard flying east.
RP103	15/06/2021	Buzzard	2	10:55	90	80m	0	90	Buzzard flying over forestry dropping to 60m AGL.
WT15	15/06/2021	Lesser Black-backed Gull	1	10:56	65	40m	10	55	Gull flying to northwest.
RP104	15/06/2021	Buzzard	1	11:10	15	10m	0	15	Buzzard hunting north of VP6.
WT16	15/06/2021	Lesser Black-backed Gull	1	11:31	10	25m	0	10	Gull flew west of VP2.
RP105	15/06/2021	Buzzard	2	11:32	95	30m	50	45	Buzzard soaring, drifting south over forestry.
RP106	15/06/2021	Buzzard	1	11:42	165	20m	100	65	Buzzard circling over forestry from 20-30m AGL.
RP107	15/06/2021	Buzzard	1	11:46	70	30m	0	70	Buzzard dropped towards ground off-site.
RP108	15/06/2021	Buzzard	1	11:46	150	120m	0	150	Buzzard soaring off-site.
RP109	15/06/2021	Buzzard	1	11:50	60	25m	60	0	Buzzard moving to the southwest.
RP110	15/06/2021	Sparrowhawk	1	11:56	5	<5m	0	5	Sparrowhawk hunting low past VP5.
WT17	15/06/2021	Lesser Black-backed Gull	2	11:58	90	20m	0	90	Gulls circling heading southeast.
RP111	15/06/2021	Buzzard	1	12:17	120	40m	120	0	Buzzard soaring above forestry.



Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP112	15/06/2021	Buzzard	2	12:20	135	120m	135	0	Buzzard flying west.
RP113	15/06/2021	Buzzard	1	12:24	60	100m	0	60	Buzzard flying southeast.
RP114	15/06/2021	Buzzard	2	12:25	50	40m	0	50	Buzzard observed just south of VP4.
RP115	15/06/2021	Buzzard	1	12:27	40	20m	0	40	Buzzard flying close to VP5.
RP116	15/06/2021	Buzzard	3	12:37	135	50m	135	0	Buzzard flying north gain height of 100m AGL.
WT18	15/06/2021	Lesser Black-backed Gull	1	12:45	5	100m	0	5	Brief sighting of a Lesser Black-backed Gull.
WT19	15/06/2021	Lesser Black-backed Gull	4	12:46	180	45m	140	40	Gulls commuting south past VP5.
WT20	15/06/2021	Lesser Black-backed Gull	2	12:47	60	15m	0	60	Gulls commuting to southeast.
RP117	15/06/2021	Buzzard	1	12:50	60	30m	0	60	Buzzard observed near VP5.
RP118	15/06/2021	Buzzard	1	12:53	130	130m	130	0	Buzzard soaring over forestry east of VP2.
RP119	15/06/2021	Buzzard	2	13:05	300	40m	180	120	Buzzard circling over forestry from 40-80m AGL, joined briefly by second bird that dropped out of view after 20s.
RP120	15/06/2021	Kestrel	1	13:18	75	30m	0	75	Kestrel hunting over forestry.
RP120	15/06/2021	Buzzard	1	13:20	45	30m	0	45	Buzzard hunting over farmland off-site.
RP121	15/06/2021	Buzzard	1	13:26	10	5m	0	10	Brief sighting of Buzzard off-site.
RP122	15/06/2021	Buzzard	1	13:31	300	75m	200	100	Buzzard circling gaining

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									height to 200m AGL heading west.
WT21	15/06/2021	Lesser Black-backed Gull	9	13:46	150	35m	25	125	Flock of Gulls heading to northwest.
WT22	15/06/2021	Lesser Black-backed Gull	1	13:51	45	40m	0	45	Gull flying south near VP5.
RP123	15/06/2021	Buzzard	1	14:14	60	30m	0	60	Buzzard flying north dropping to 20m AGL.
WT23	15/06/2021	Lesser Black-backed Gull	1	14:18	5	25m	5	0	Brief sighting of Gull on-site.
WT24	15/06/2021	Lesser Black-backed Gull	2	14:27	15	20m	0	15	Gulls flying south.
RP124	15/06/2021	Buzzard	1	14:49	410	30m	100	310	Buzzard circling over forestry.
RP126	15/06/2021	Buzzard	2	14:51	125	60m	125	0	Buzzards circling and soaring above forestry.
RP127	15/06/2021	Buzzard	1	15:05	40	40m	40	0	Buzzard soaring over forestry.
RP128	29/07/2021	Kestrel	1	10:11	5	50m	5	0	Brief sighting of Kestrel on site.
RP129	29/07/2021	Buzzard	1	10:45	180	25m	0	180	Buzzard flying south past VP2.
RP130	29/07/2021	Buzzard	1	10:47	250	80m	0	250	Buzzard flying west gaining height to 120m AGL.
RP131	29/07/2021	Buzzard	2	10:54	300	100m	0	300	Buzzard circling from 100-80m AGL off-site.
RP132	29/07/2021	Kestrel	1	11:04	25	10m	0	25	Kestrel hunting near VP4.
RP133	29/07/2021	Buzzard	1	11:07	15	25m	0	15	Buzzard heading to southeast.

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP134	29/07/2021	Buzzard	1	11:17	40	10m	0	40	Buzzard flying south.
RP135	29/07/2021	Buzzard	2	11:18	160	40m	0	160	Buzzards soaring and commuting to east.
RP136	29/07/2021	Buzzard	1	11:19	25	30m	0	25	Buzzard heading east.
RP137	29/07/2021	Buzzard	1	11:27	25	20m	0	25	Buzzard flying north over farmland.
RP138	29/07/2021	Buzzard	4	11:34	300	80m	0	300	Buzzards flying to southeast - flying at different heights with highest birds at 200m AGL.
RP139	29/07/2021	Buzzard	2	11:34	20	20m	0	20	Buzzards flying over farmland north of VP6.
RP140	29/07/2021	Buzzard	2	11:49	340	75m	0	340	Two Buzzards flew together briefly, then one headed south and other circled up to 130m AGL before dropping from view.
RP141	29/07/2021	Sparrowhawk	1	12:07	150	40m	0	150	Sparrowhawk heading west over forestry.
RP142	29/07/2021	Sparrowhawk	1	12:09	120	50m	75	45	Sparrowhawk circling over woodland.
RP143	29/07/2021	Buzzard	1	12:13	10	30m	0	10	Buzzard hunting over farmland.
RP144	29/07/2021	Buzzard	1	12:15	15	30m	0	15	Buzzard heading south over farmland.
RP145	29/07/2021	Kestrel	1	12:30	60	35m	60	0	Kestrel hunting over forestry and forestry edge.
RP146	29/07/2021	Buzzard	1	12:31	15	40m	10	5	Buzzard flying east.
RP147	29/07/2021	Buzzard	1	12:32	180	100m	0	180	Buzzard soaring and circling from 100-80m AGL.



Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP148	29/07/2021	Buzzard	1	12:32	180	60m	0	180	Buzzard dropping from 60-40m AGL.
RP149	29/07/2021	Buzzard	1	12:33	70	100m	0	70	Buzzard circling high off-site.
RP150	29/07/2021	Buzzard	1	12:34	40	40m	0	40	Buzzard circling off-site.
RP151	29/07/2021	Buzzard	1	12:39	40	100m	40	0	Buzzard circling over forestry.
RP152	29/07/2021	Sparrowhawk	1	13:35	150	40m	120	30	Sparrowhawk flying east.
RP153	29/07/2021	Sparrowhawk	1	13:37	120	60m	0	120	Sparrowhawk (Female) flying off-site.
RP154	29/07/2021	Kestrel	1	13:38	10	10m	0	10	Kestrel (Male) heading south.
RP155	29/07/2021	Buzzard	1	13:49	120	60m	0	120	Buzzard circling over farmland.
RP156	29/07/2021	Buzzard	1	13:51	40	30m	0	40	Buzzard flying east.
RP157	29/07/2021	Buzzard	1	13:57	20	40m	20	0	Buzzard drifting west over forestry.
RP158	29/07/2021	Buzzard	1	15:09	120	80m	0	120	Buzzard circling south of VP3.
RP159	13/08/2021	Buzzard	1	09:34	145	10m	145	0	Buzzard circling on site near VP1.
RP161	13/08/2021	Buzzard	1	10:06	5	10m	5	0	Buzzard seen briefly near VP1.
RP160	13/08/2021	Sparrowhawk	1	10:06	10	5m	10	0	Sparrowhawk hunting low past VP1.
RP162	13/08/2021	Buzzard	1	10:15	70	50m	0	70	Buzzard seen soaring off-site.
RP163	13/08/2021	Buzzard	1	10:17	5	5m	5	0	Brief sighting of Buzzard close to VP1

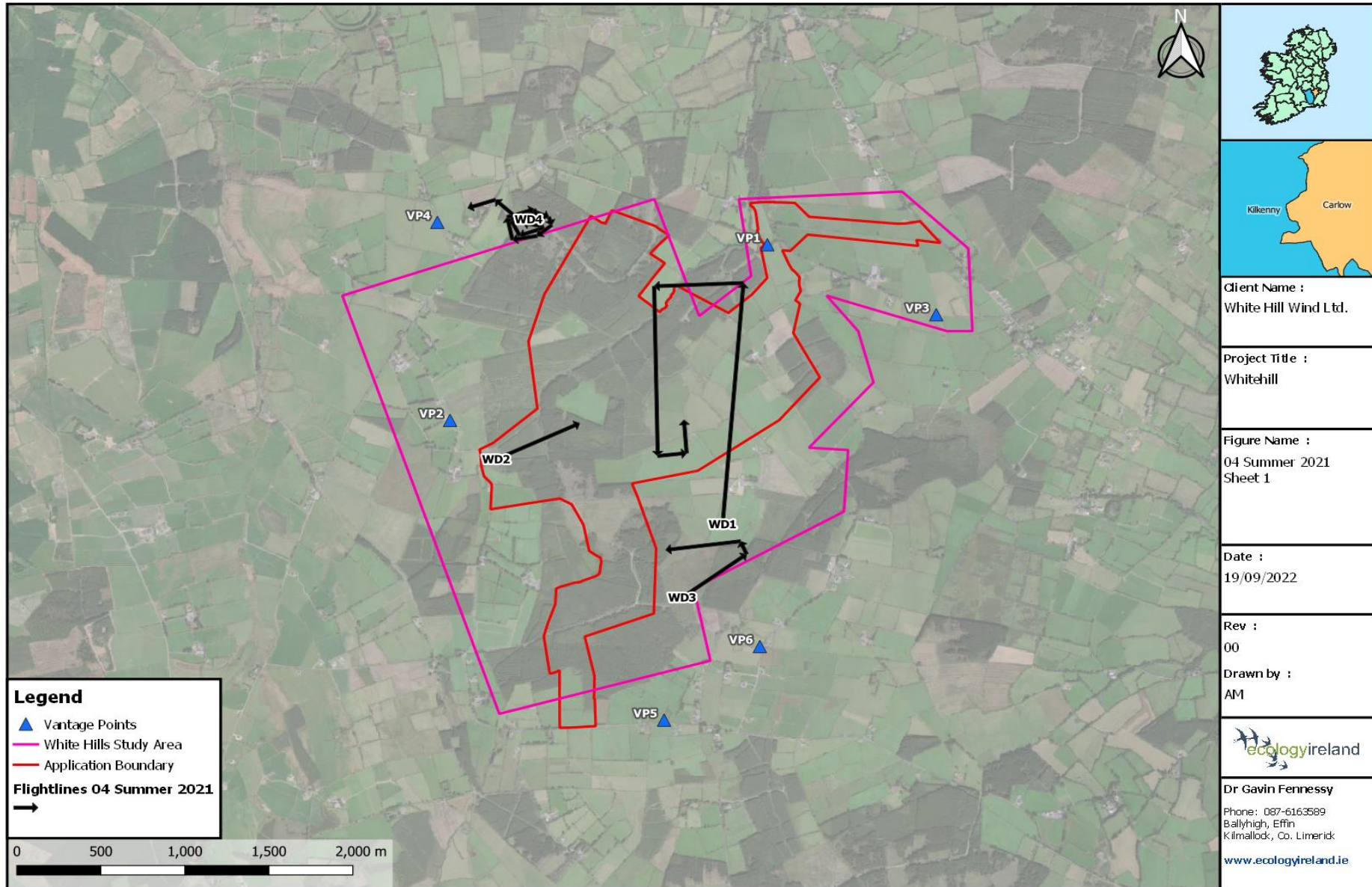
Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP164	13/08/2021	Buzzard	1	10:24	5	<5m	0	5	Buzzard seen low near VP3
RP165	13/08/2021	Buzzard	1	10:34	20	10m	20	0	Buzzard circling near VP1 and landed.
RP166	13/08/2021	Buzzard	1	10:47	190	25m	0	190	Buzzard flying over farmland between VP3 and VP1
RP167	13/08/2021	Buzzard	1	10:50	260	80m	260	0	Buzzard flying near VP1
RP168	13/08/2021	Buzzard	1	10:52	240	20m	40	200	Buzzard circling and heading west near VP1, climbed to 100m AGL
RP169	13/08/2021	Buzzard	3	11:56	320	50m	200	120	Buzzards circling close to VP1.
RP170	13/08/2021	Buzzard	1	12:03	75	50m	75	0	Buzzard circling above VP1
RP171	13/08/2021	Kestrel	1	12:54	10	10m	0	10	Kestrel observed near VP6
RP172	13/08/2021	Kestrel	1	12:58	130	10m	0	130	Kestrel flying low, briefly perched before continuing to hunt.
RP173	13/08/2021	Buzzard	2	13:18	210	80m	0	210	Buzzards soaring and the moving off to northeast.
RP174	13/08/2021	Buzzard	1	13:38	330	40m	0	330	Buzzard soaring and then drifting to southeast.
RP175	13/08/2021	Buzzard	1	13:40	25	40m	0	25	Buzzard heading east.
RP176	13/08/2021	Sparrowhawk	1	13:59	75	15m	0	75	Sparrowhawk circling, mobbed by Swallows.
RP177	13/08/2021	Buzzard	1	14:07	15	15m	0	15	Buzzard dipping low and out of view.
RP178	13/08/2021	Buzzard	1	14:08	10	<5m	0	10	Buzzard west of VP3, dropping low out of view.
RP179	13/08/2021	Buzzard	1	14:23	90	55m	90	0	Buzzard soaring near VP1.

Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP180	13/08/2021	Buzzard	1	14:24	15	20m	15	0	Buzzard circling and calling near VP1.
RP181	13/08/2021	Hen Harrier	1	14:53	90	50m	45	45	Hen Harrier (Ringtail) drifting past VP1 heading to the west.
RP182	16/08/2021	Kestrel	1	09:09	80	15m	30	50	Kestrel drifting westwards, occasionally hovering.
WT25	16/08/2021	Lesser Black-backed Gull	1	09:16	60	10m	60	0	Gull drifting to the northwest.
RP183	16/08/2021	Kestrel	1	09:36	105	15m	55	50	Kestrel hovering, then circling gaining height to 100m AGL heading south.
RP184	16/08/2021	Buzzard	1	11:09	5	15m	5	0	Brief sighting of Buzzard on site.
RP185	16/08/2021	Buzzard	1	12:16	180	10m	0	180	Circling Buzzard north of VP5.
RP186	16/08/2021	Buzzard	1	12:30	25	40m	0	25	Buzzard dropping from 40-10m AGL heading to northwest.
RP187	16/08/2021	Buzzard	2	12:43	100	200m	0	100	Buzzards dropping from 200m to 50m AGL heading south.
RP188	16/08/2021	Buzzard	1	13:21	25	10m	0	25	Buzzard flying east gaining height to 50m AGL.
RP189	16/08/2021	Buzzard	1	13:27	40	35m	0	40	Buzzard soaring off-site.
RP190	16/08/2021	Buzzard	1	13:45	40	30m	30	10	Buzzard commuting heading east.
RP191	16/08/2021	Buzzard	1	13:54	95	15m	0	95	Buzzard circling up to 40m AGL before dropping out of view.

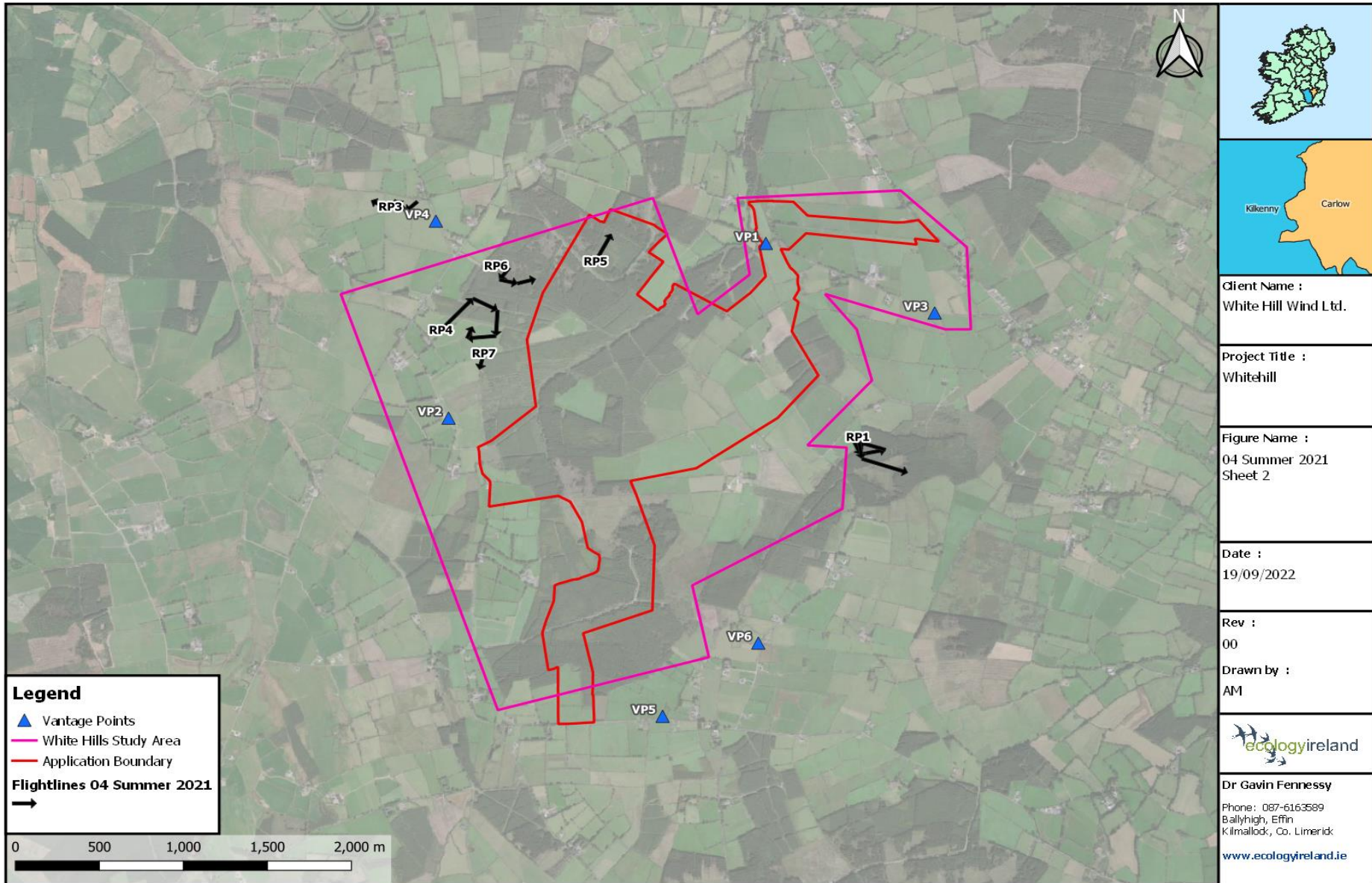


Breeding Season 2021									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP192	16/08/2021	Kestrel	1	14:43	130	10m	0	130	Kestrel hunting near VP5, caught a small mammal and went to handle prey.

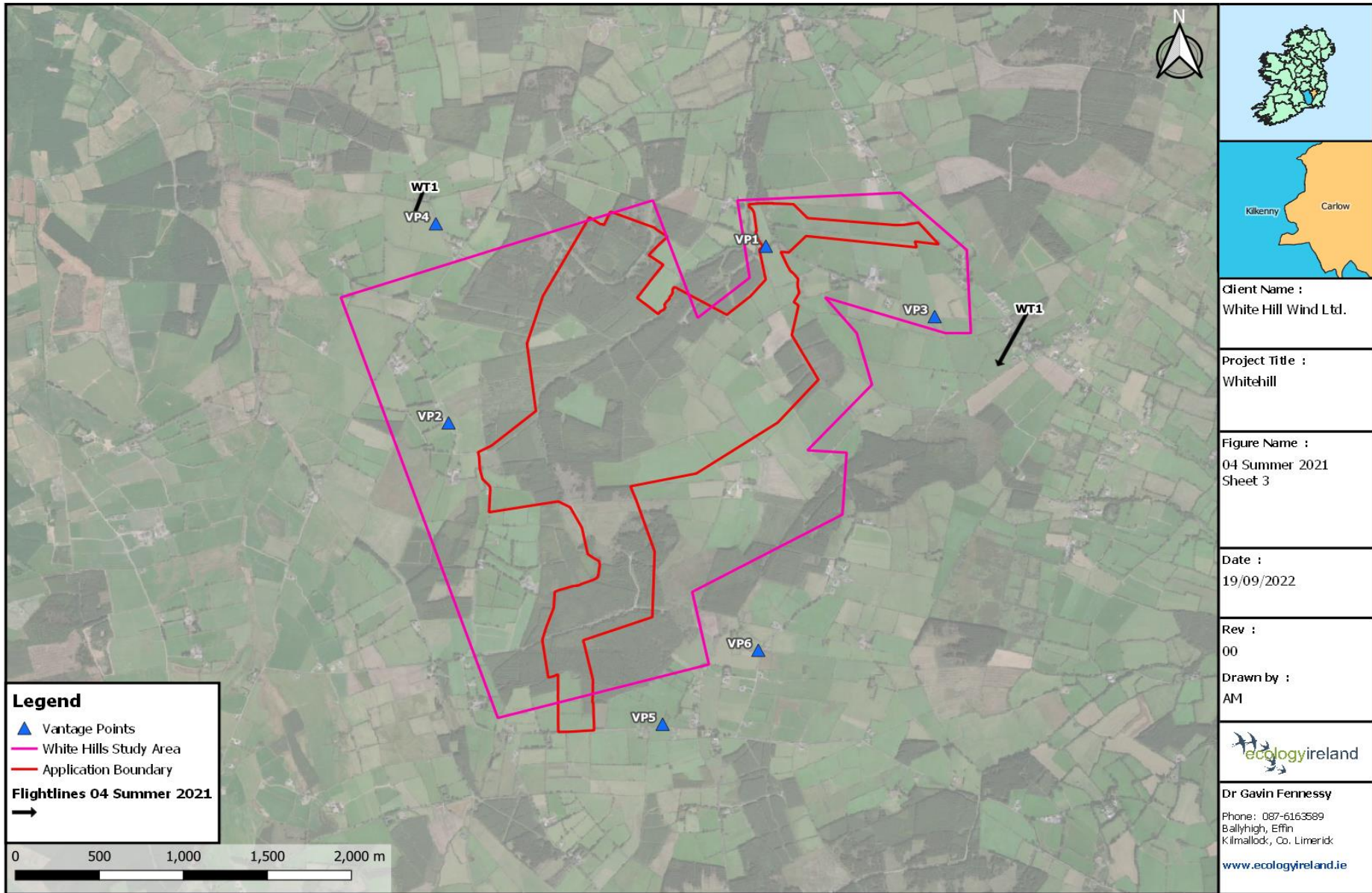
**Table A5.3.4: Flightline Descriptions for the Breeding Season 2021**



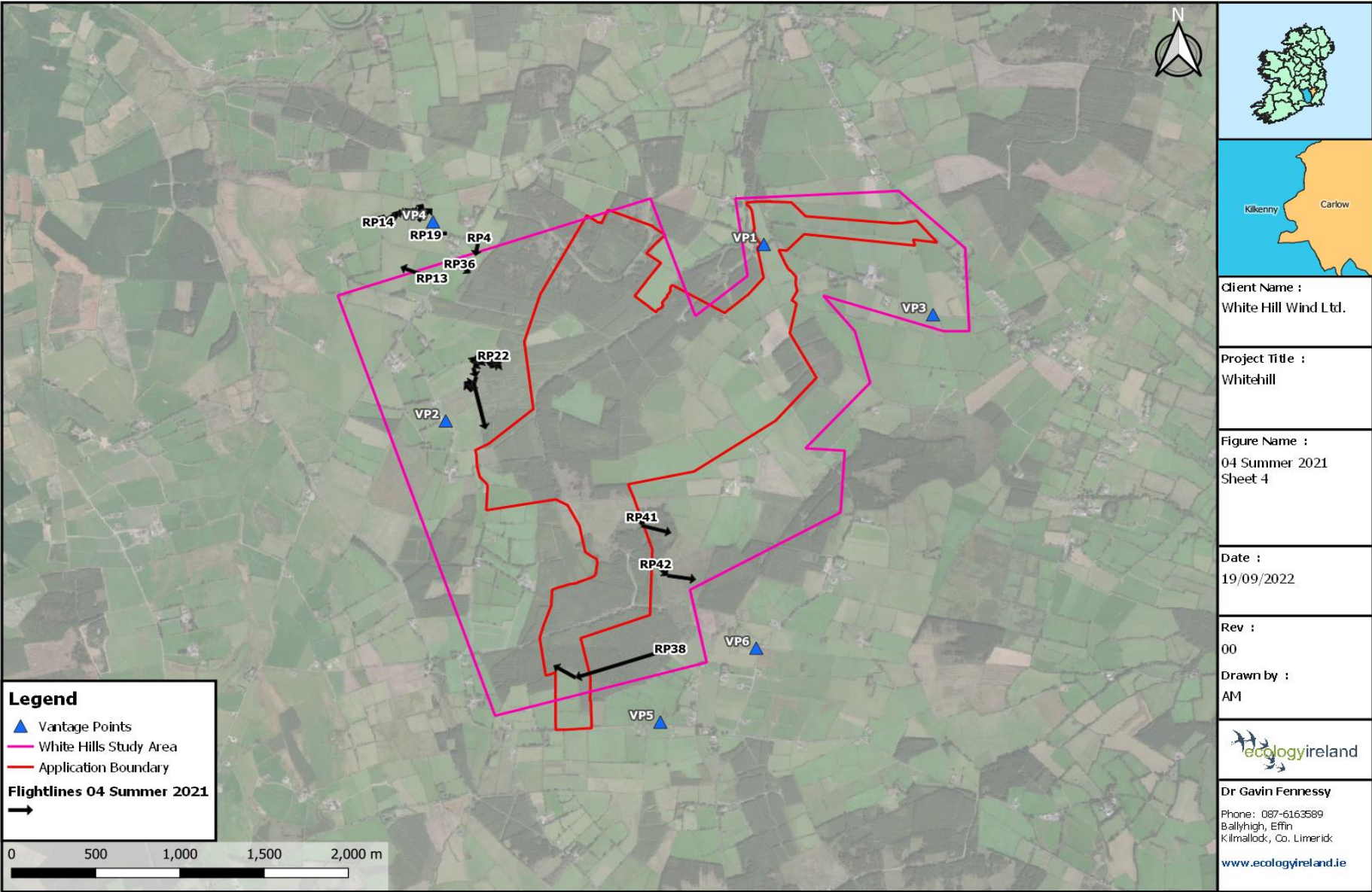




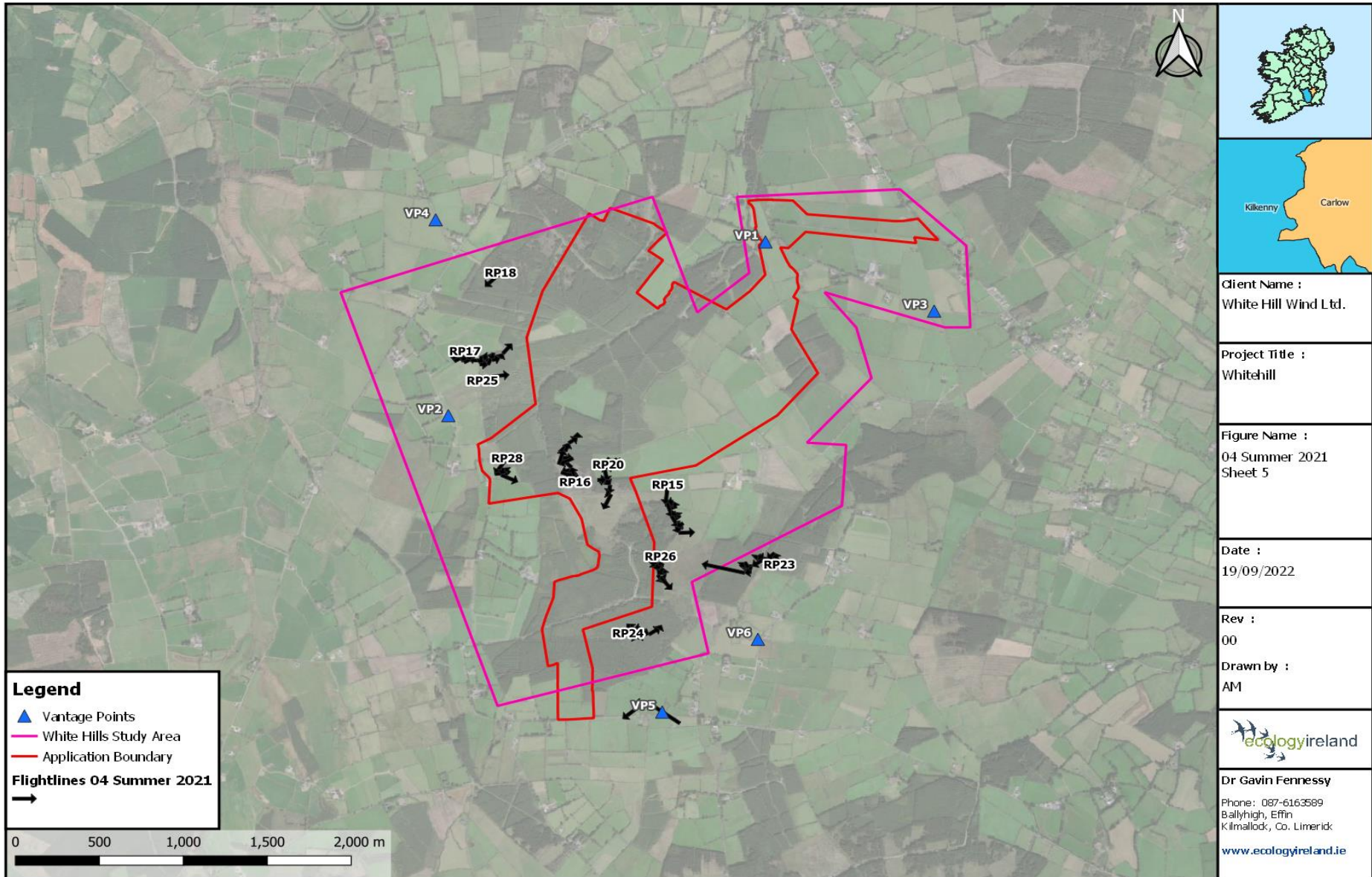




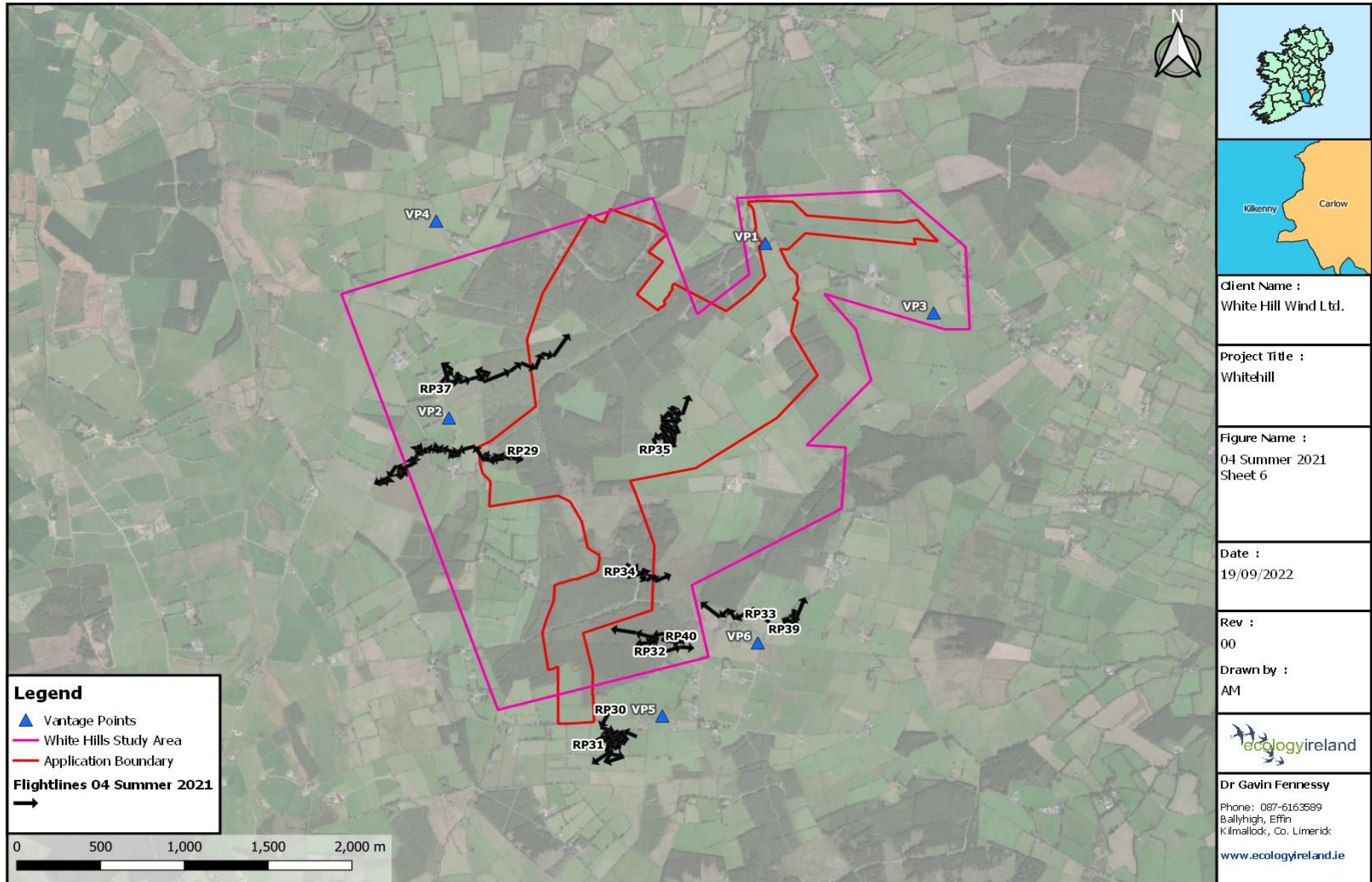




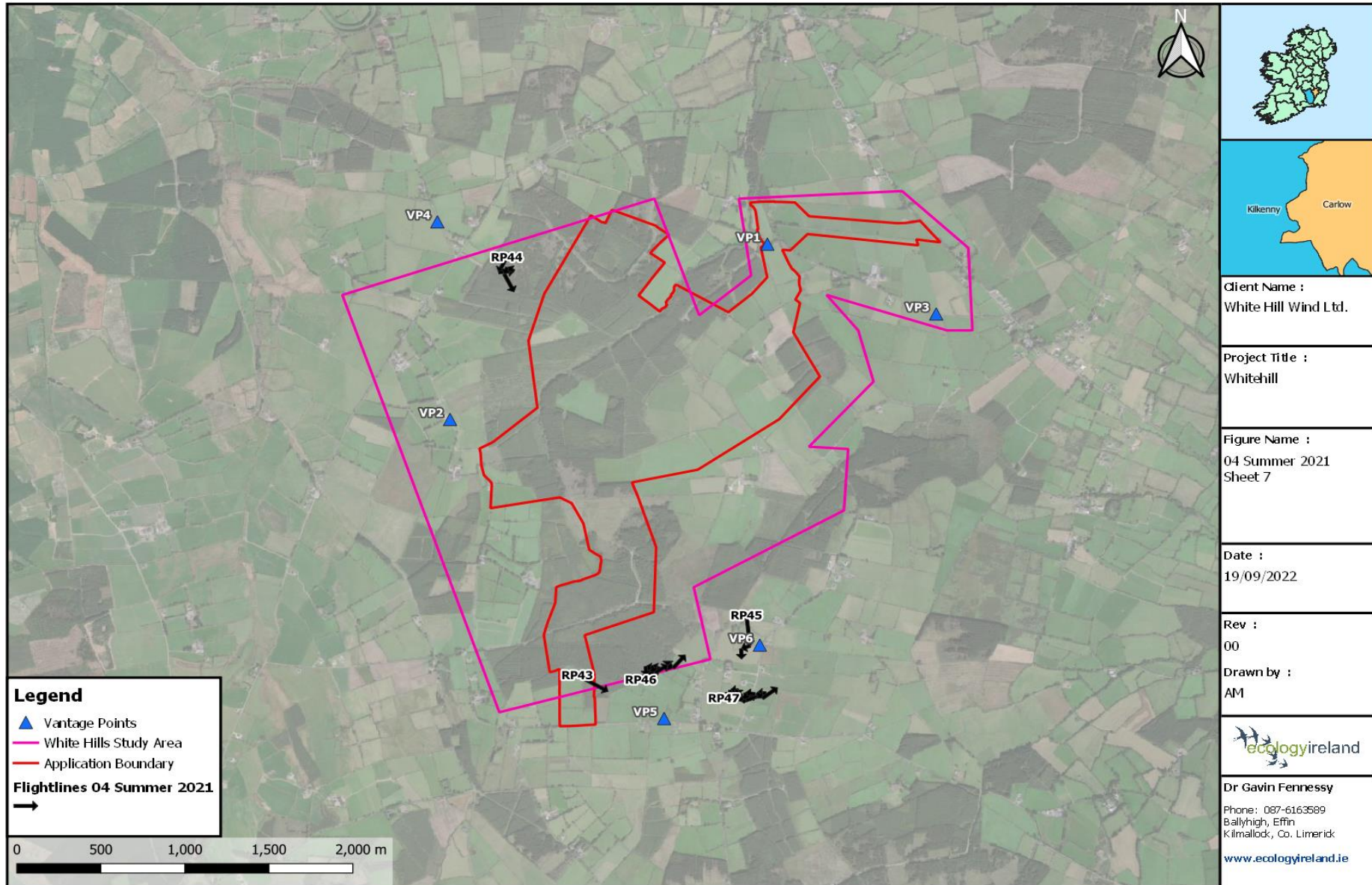




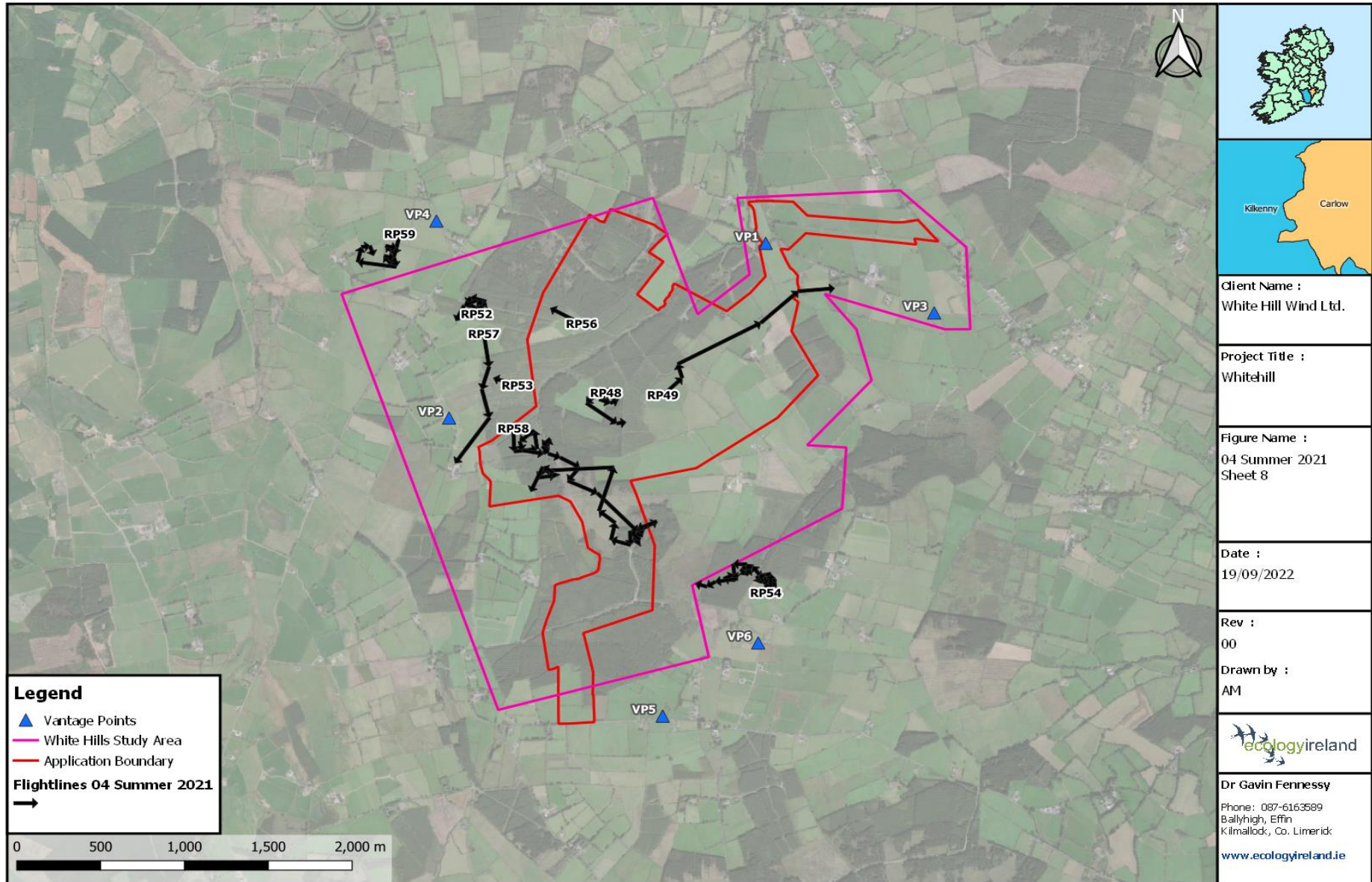




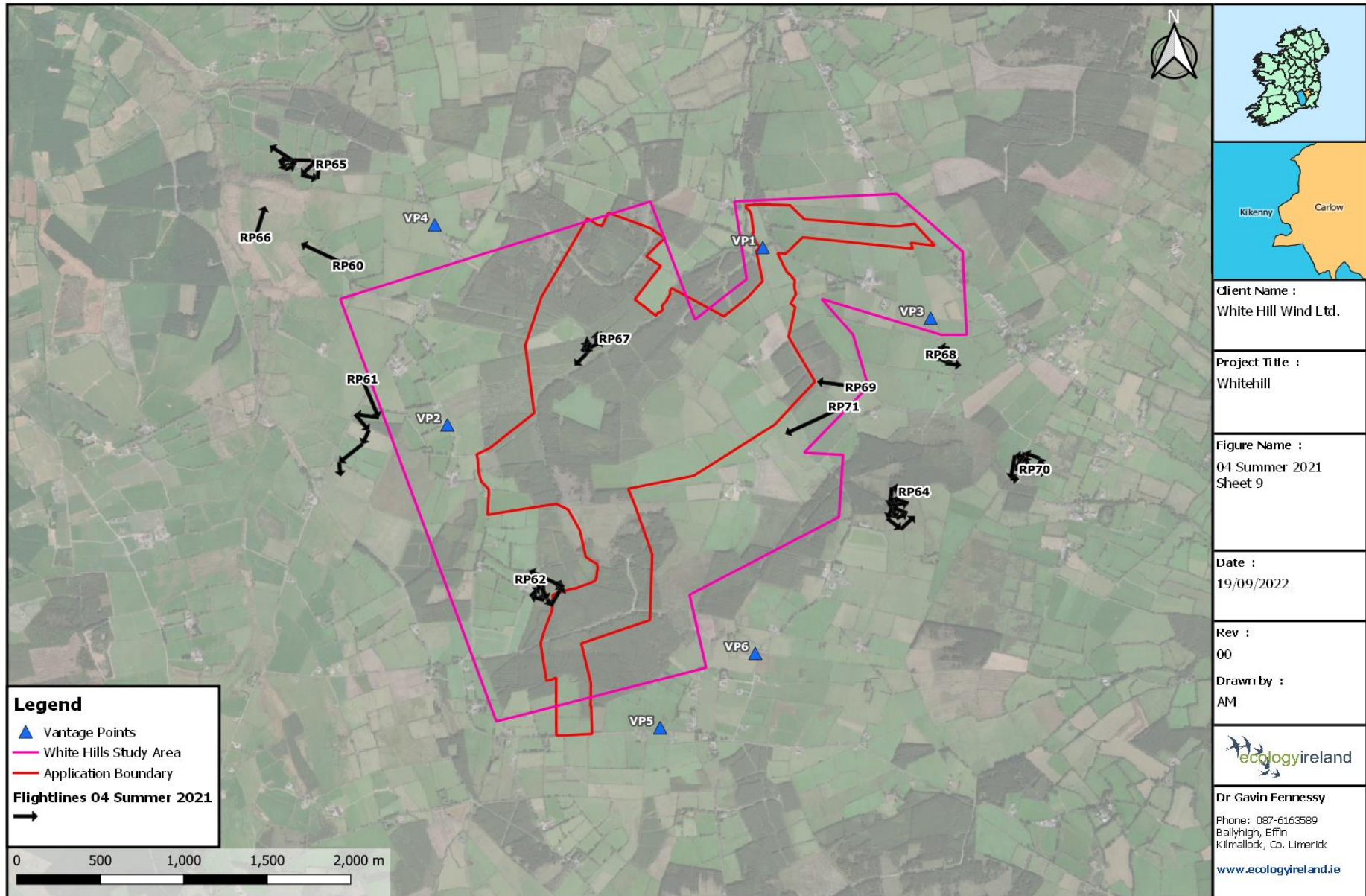




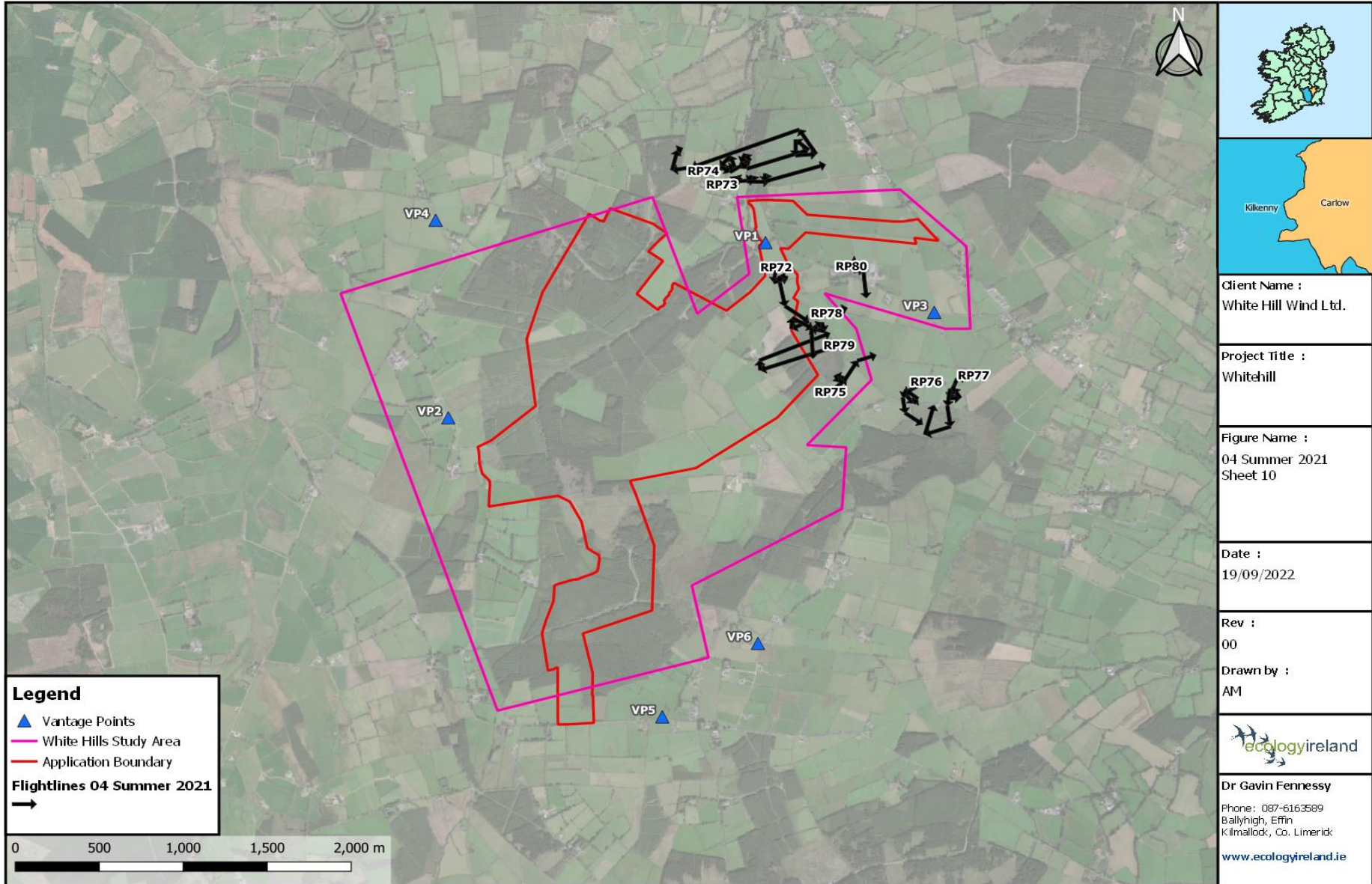




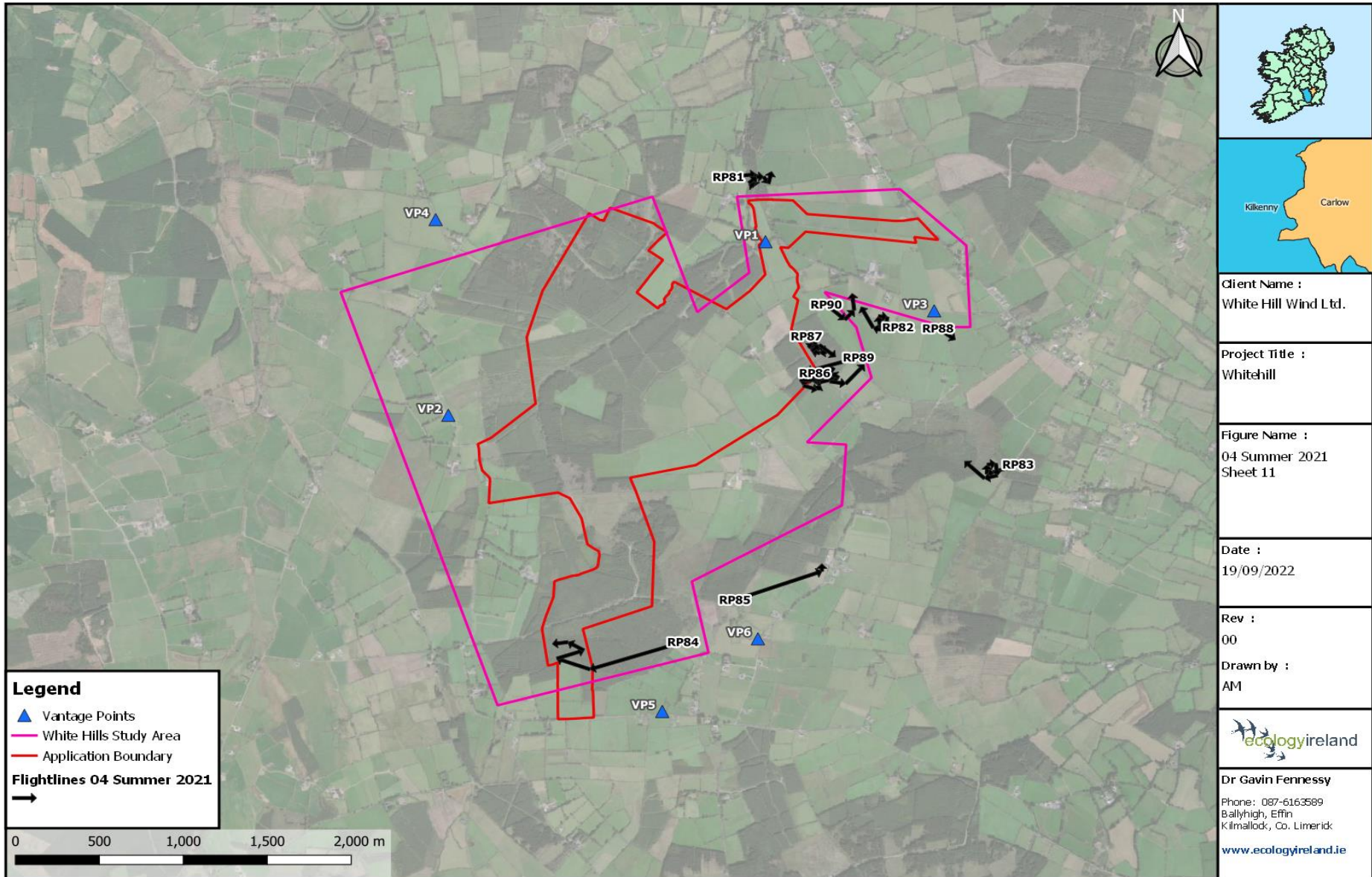




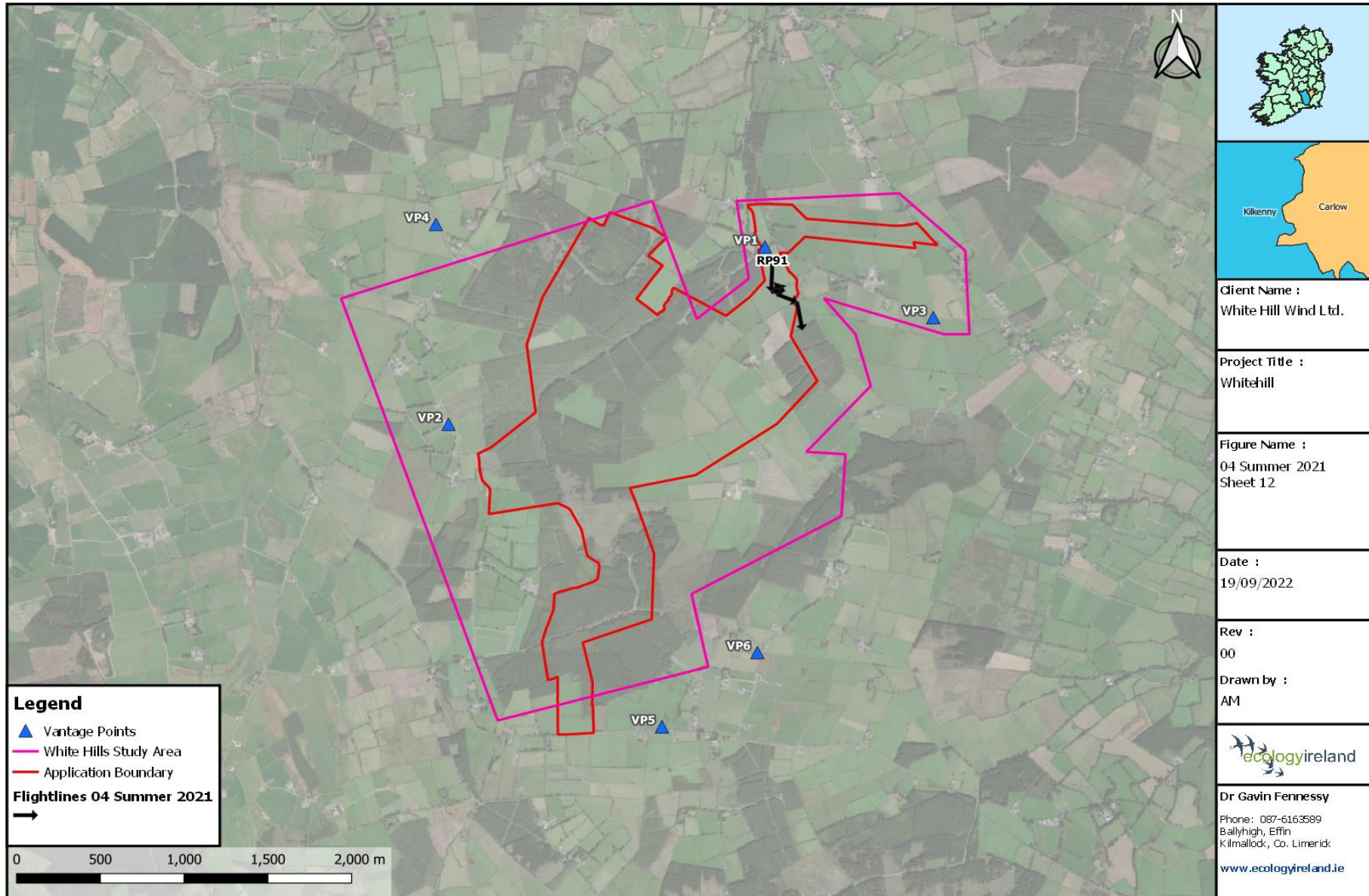




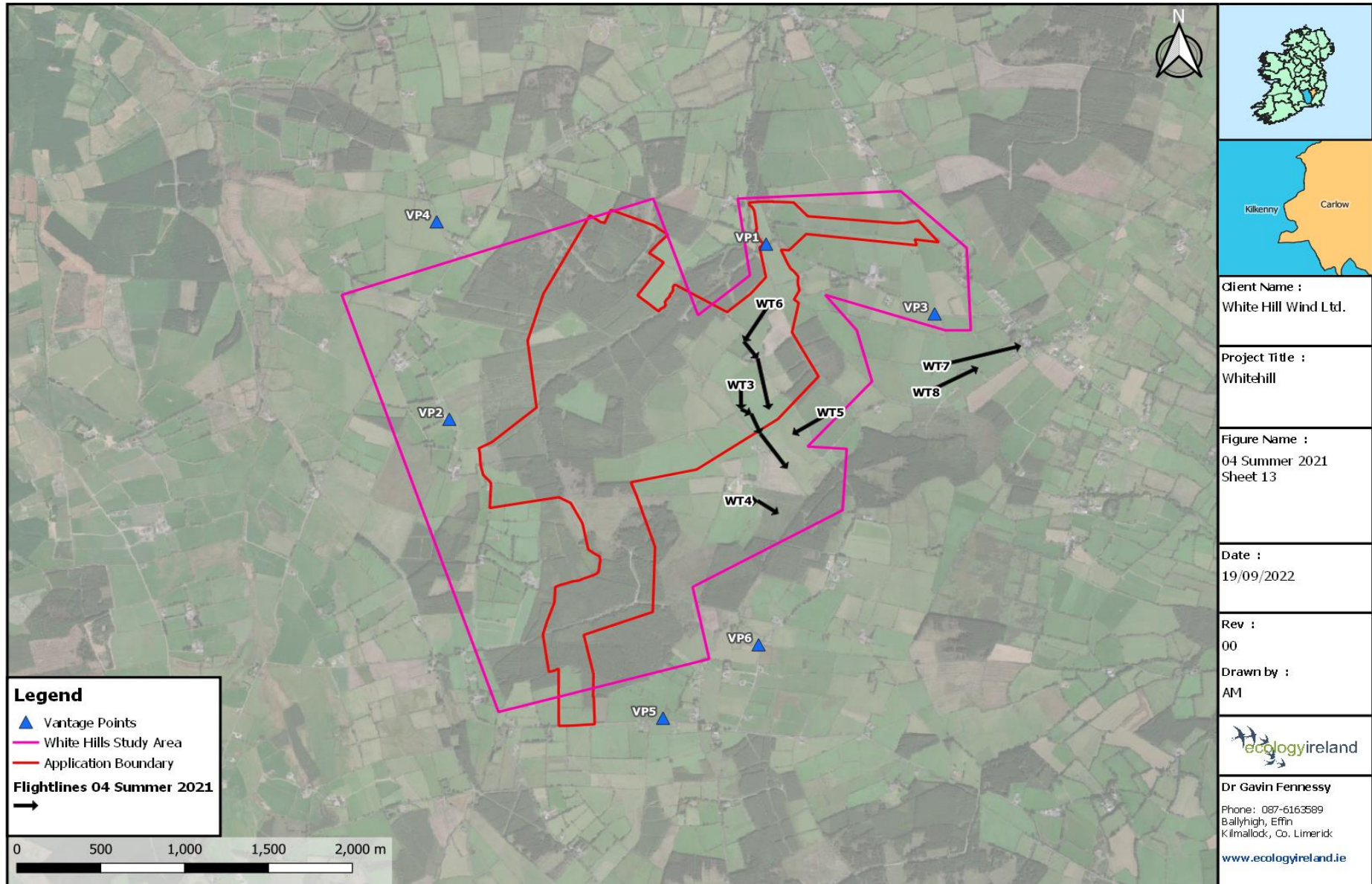




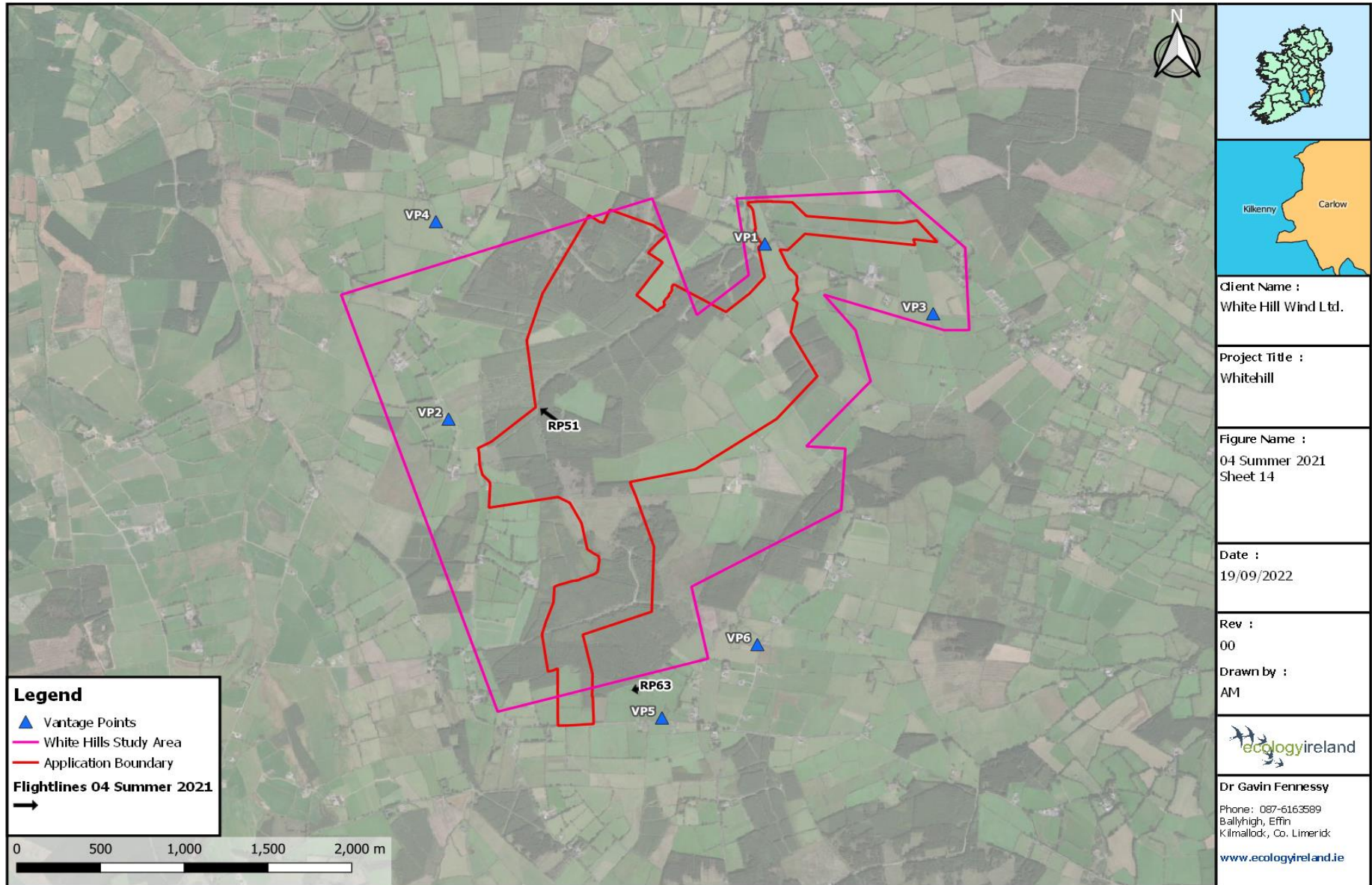




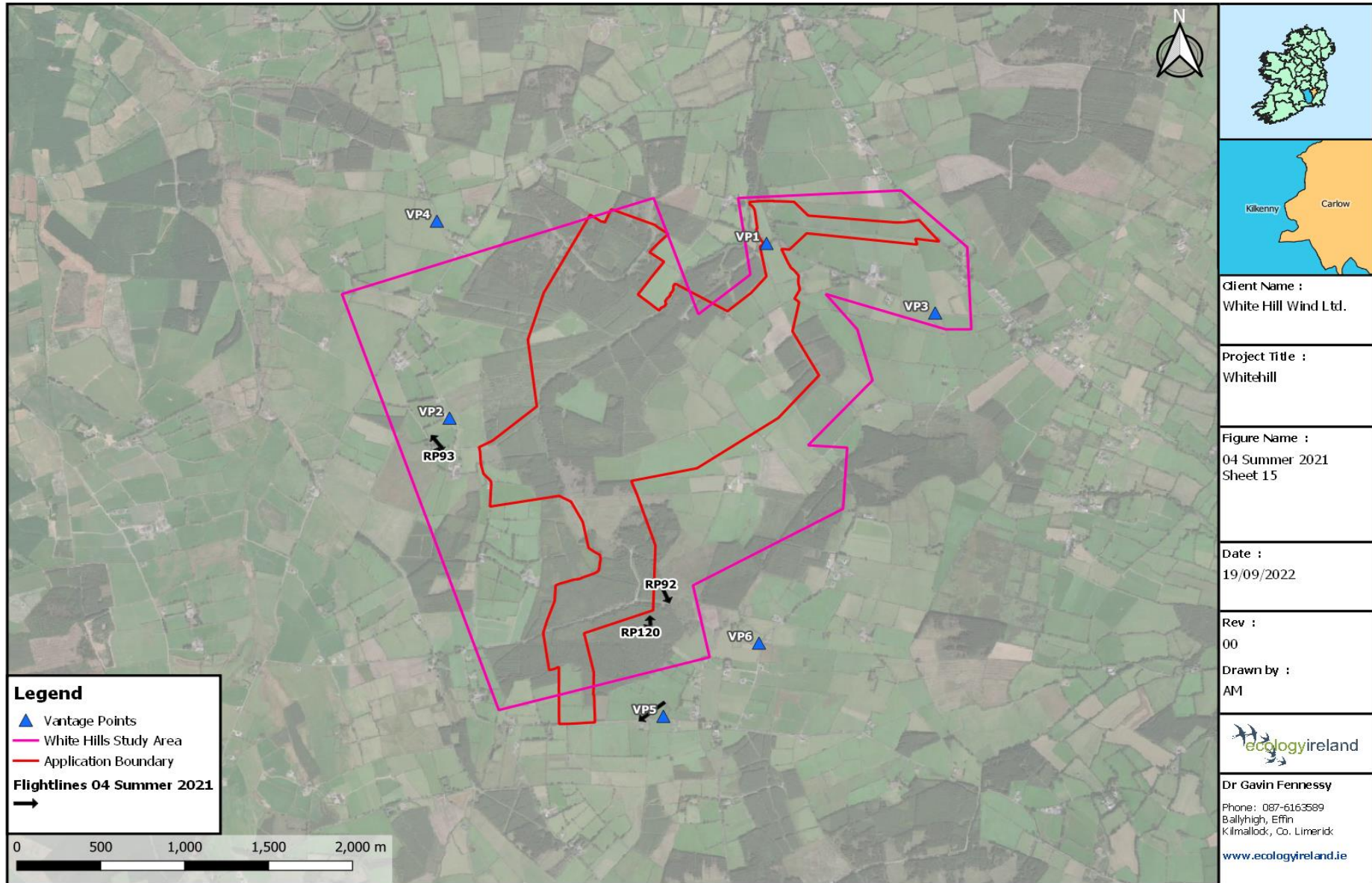




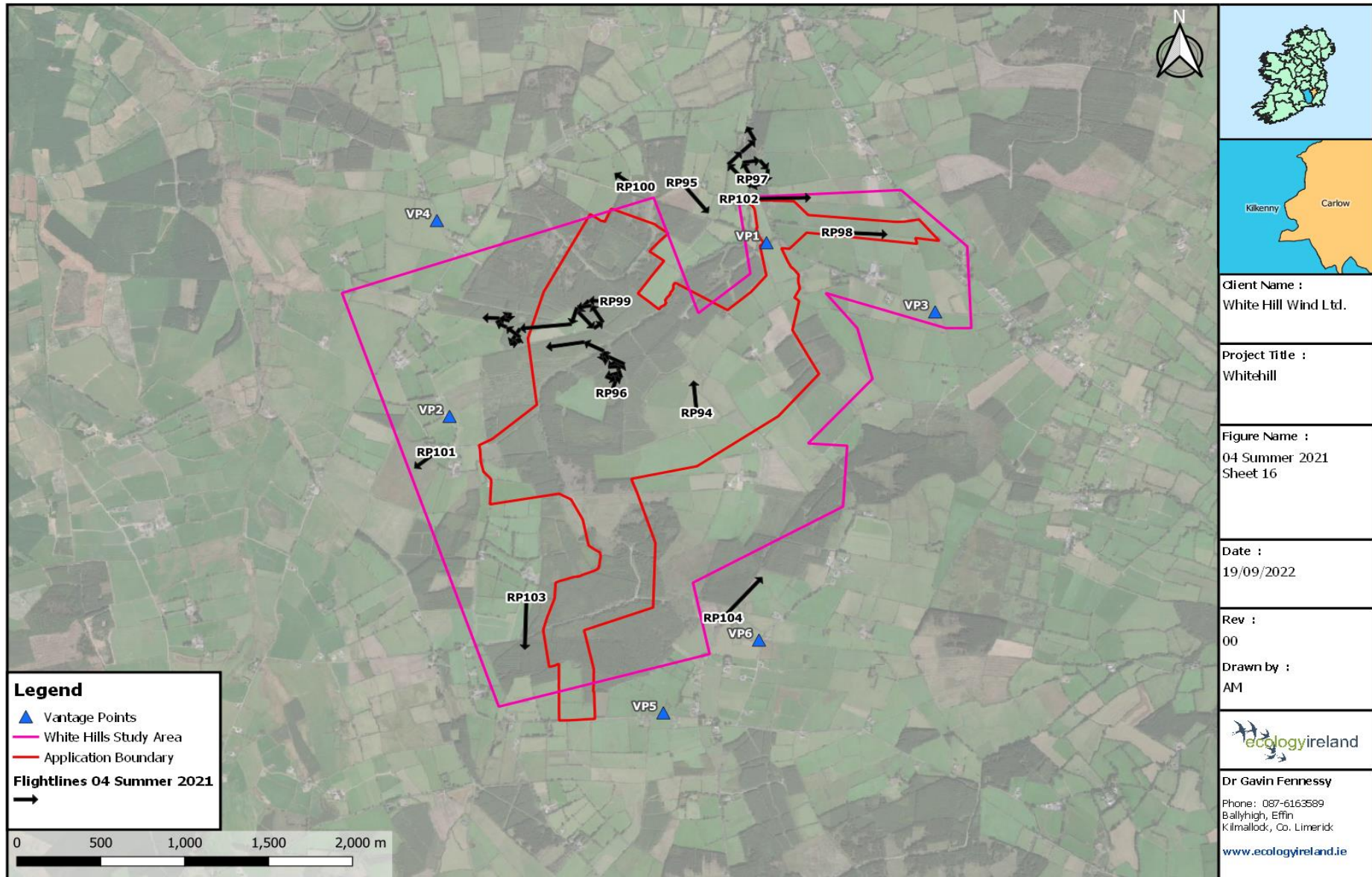




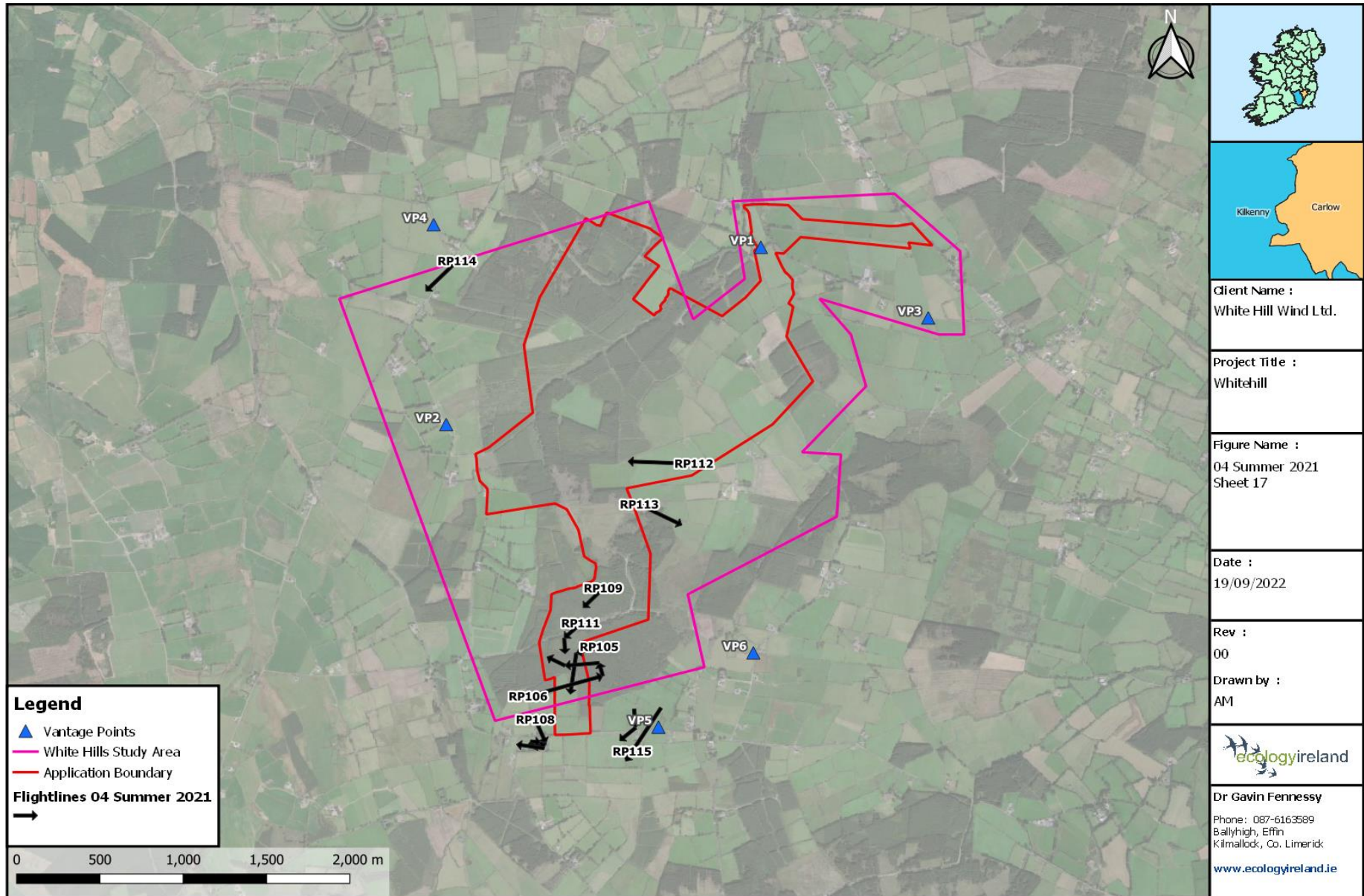






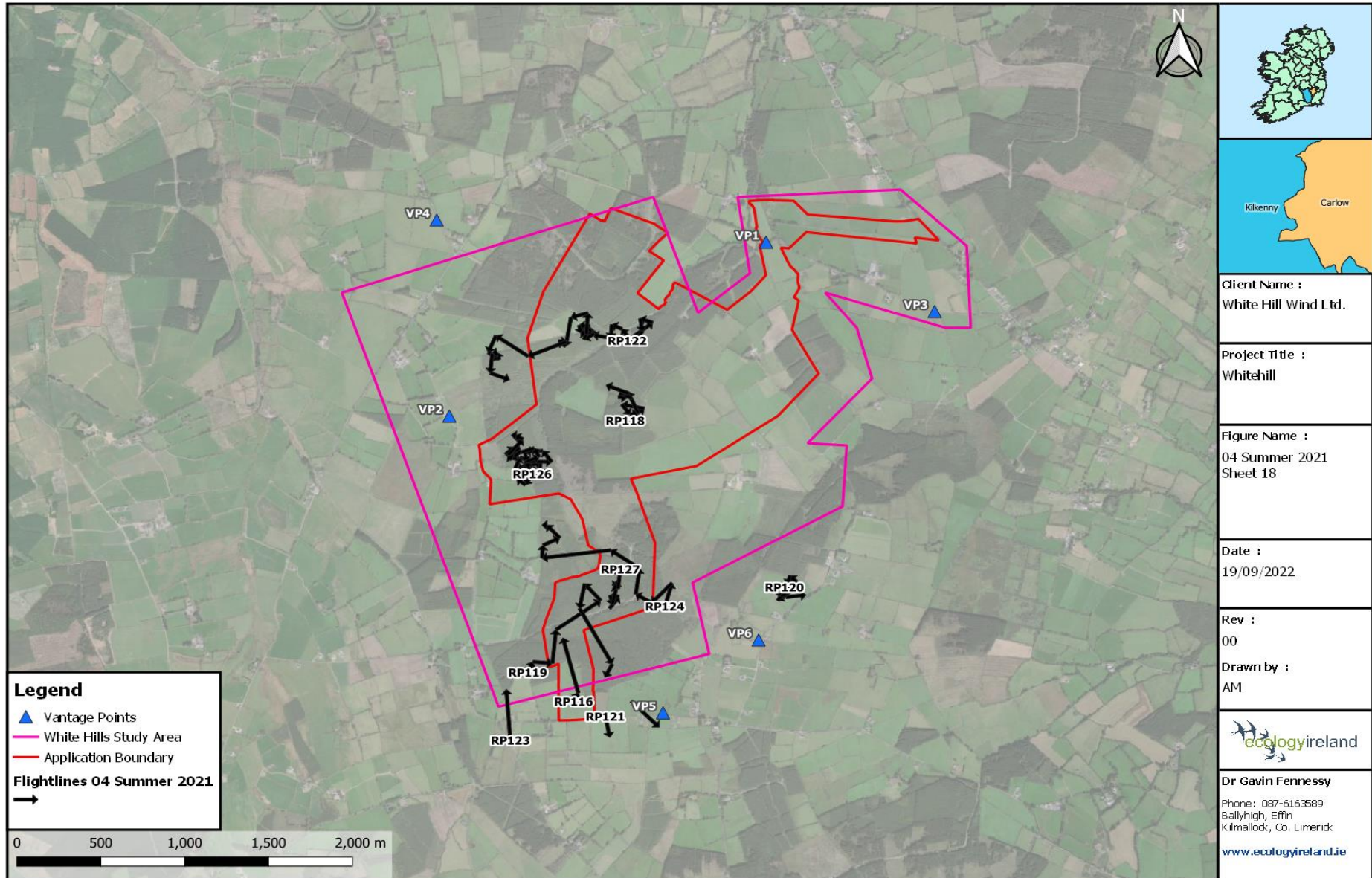




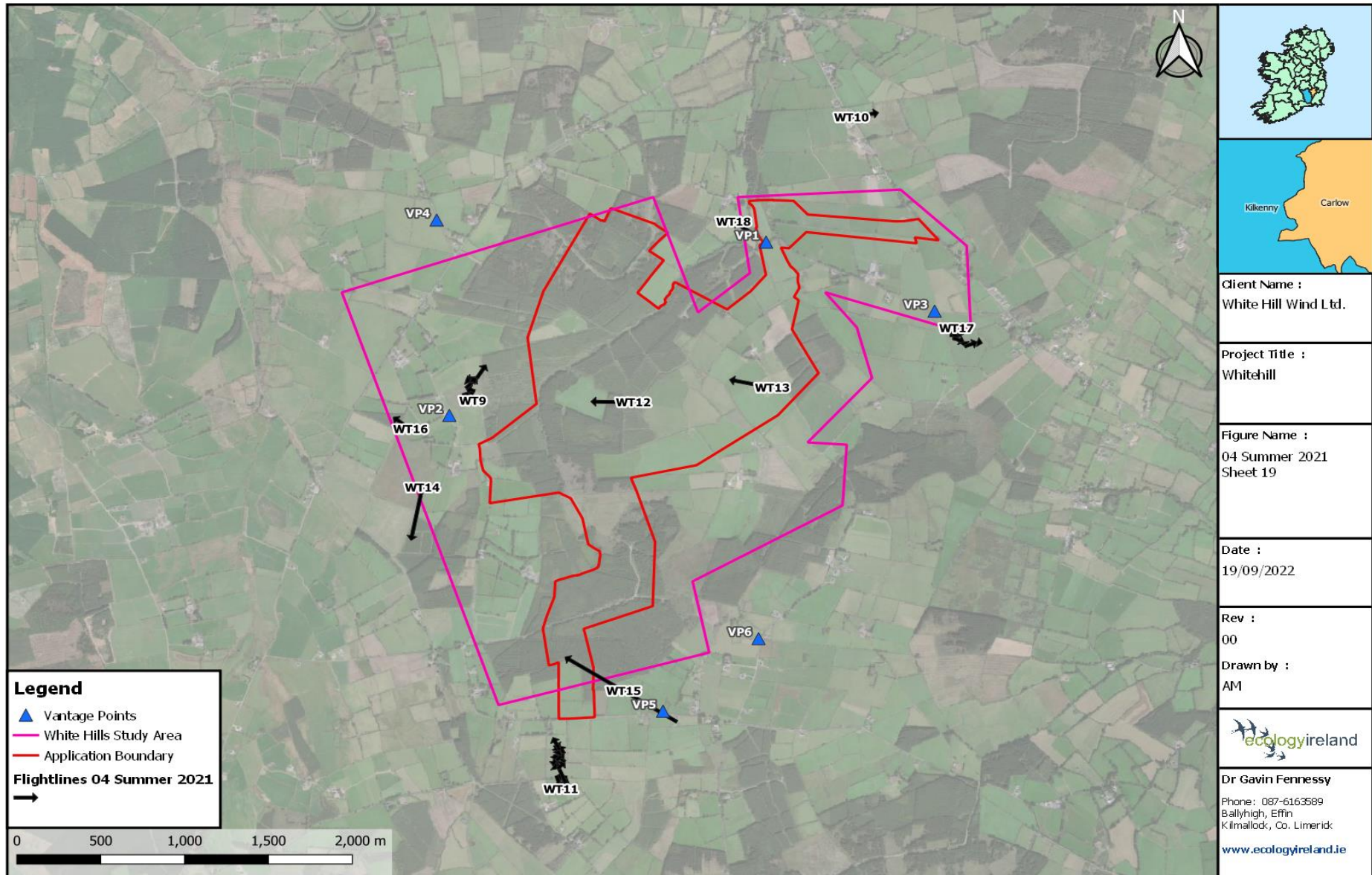


Annex 5.3: Bird Survey Flightlines

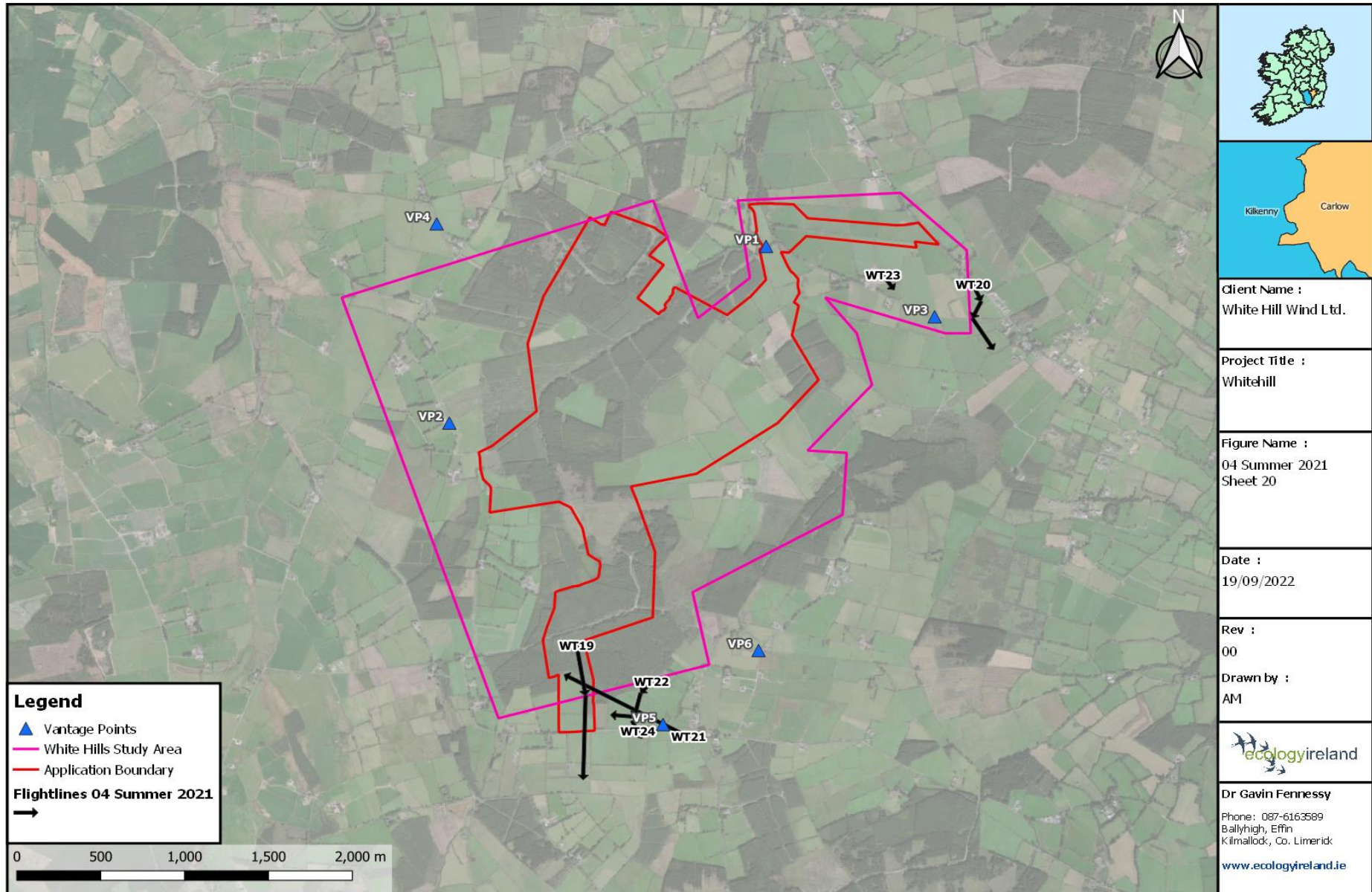




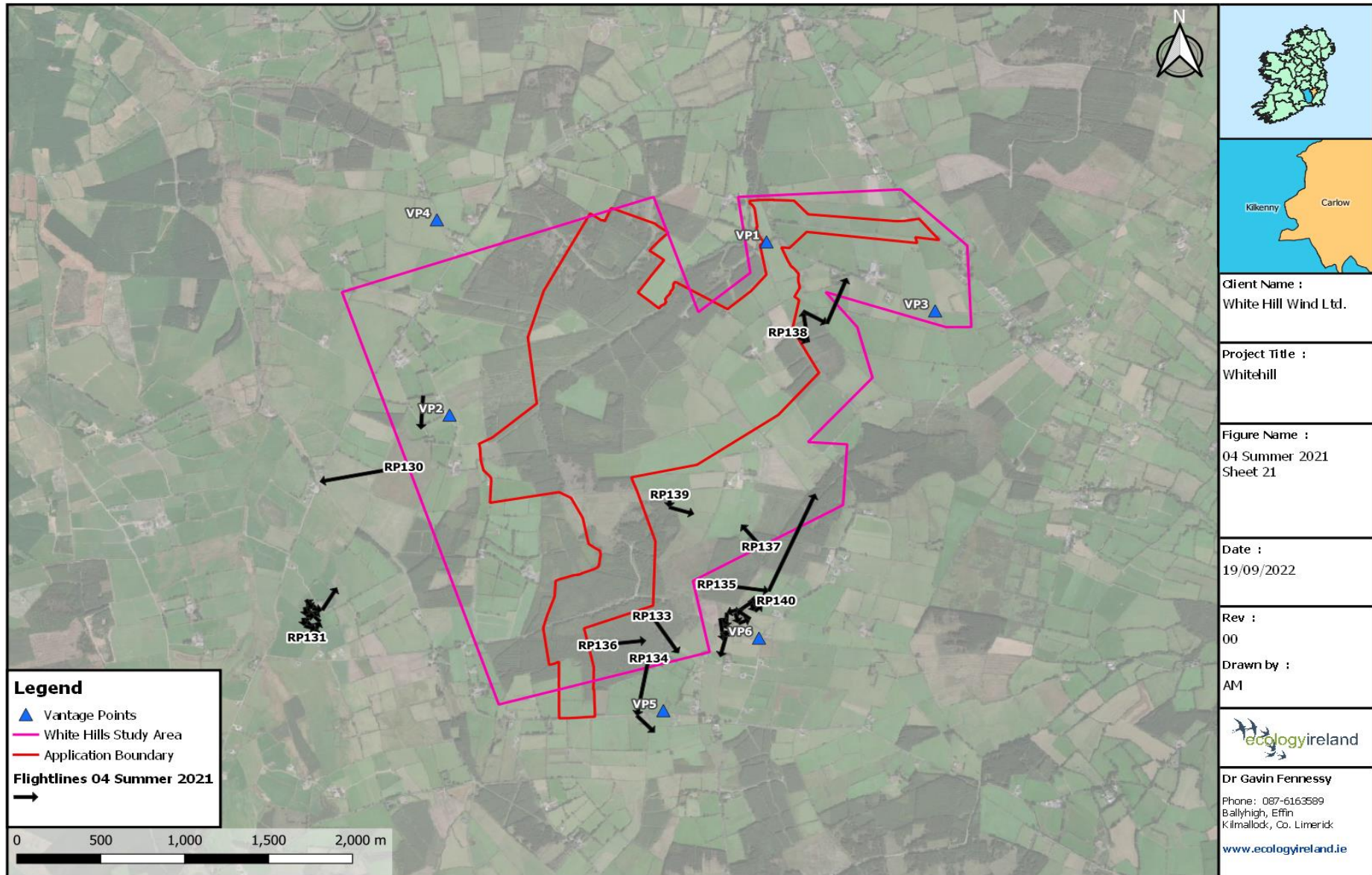




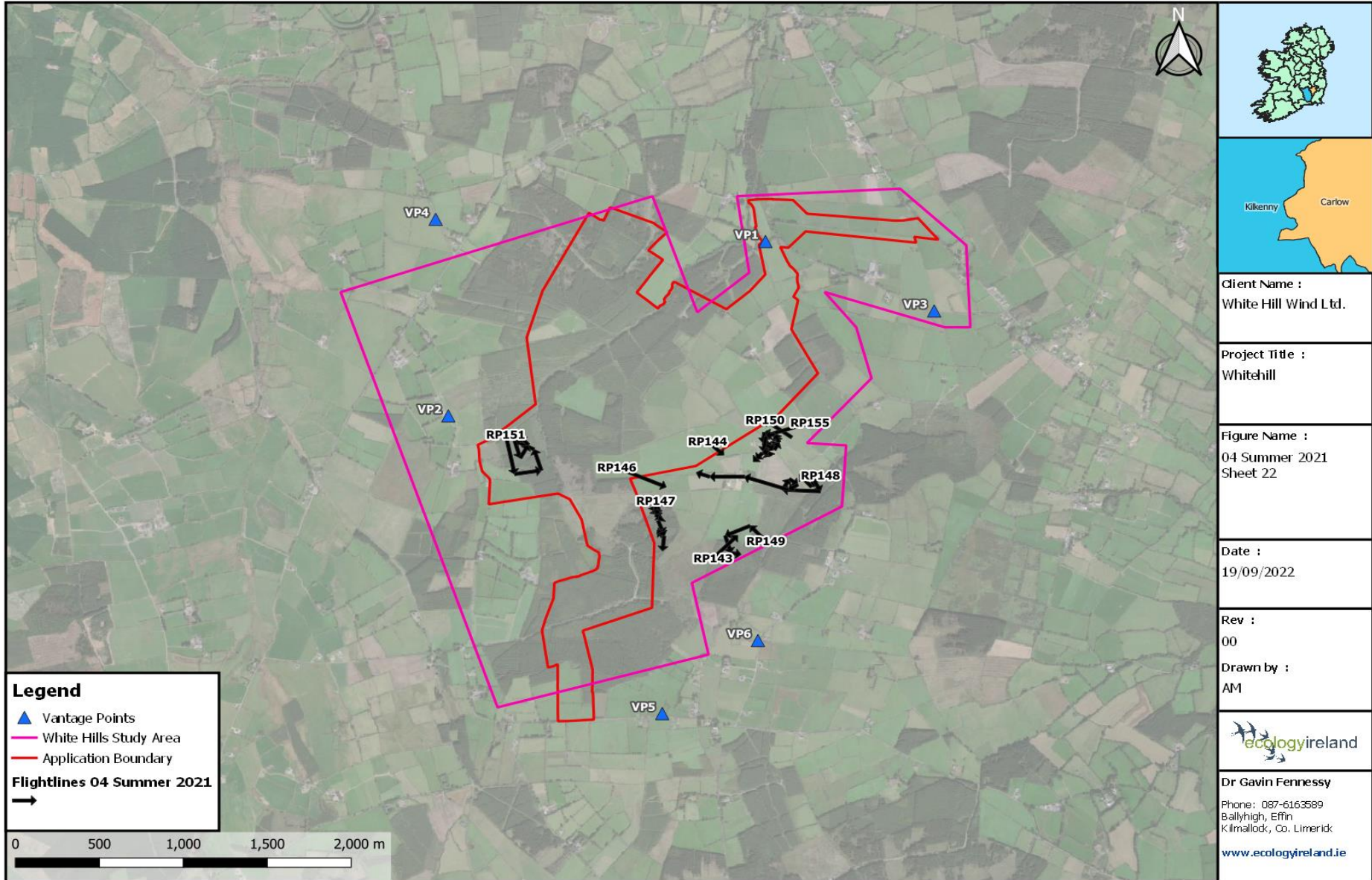




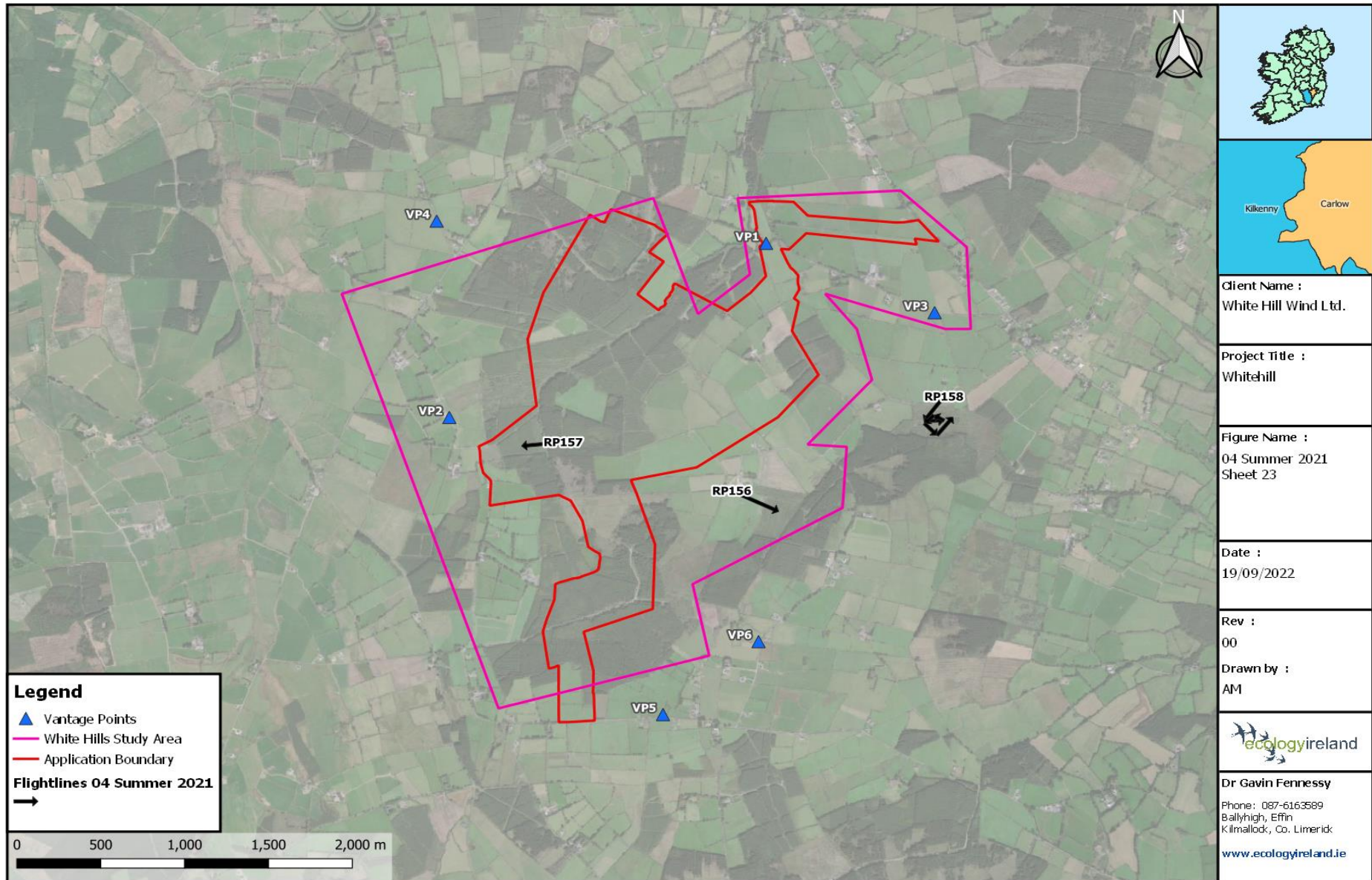




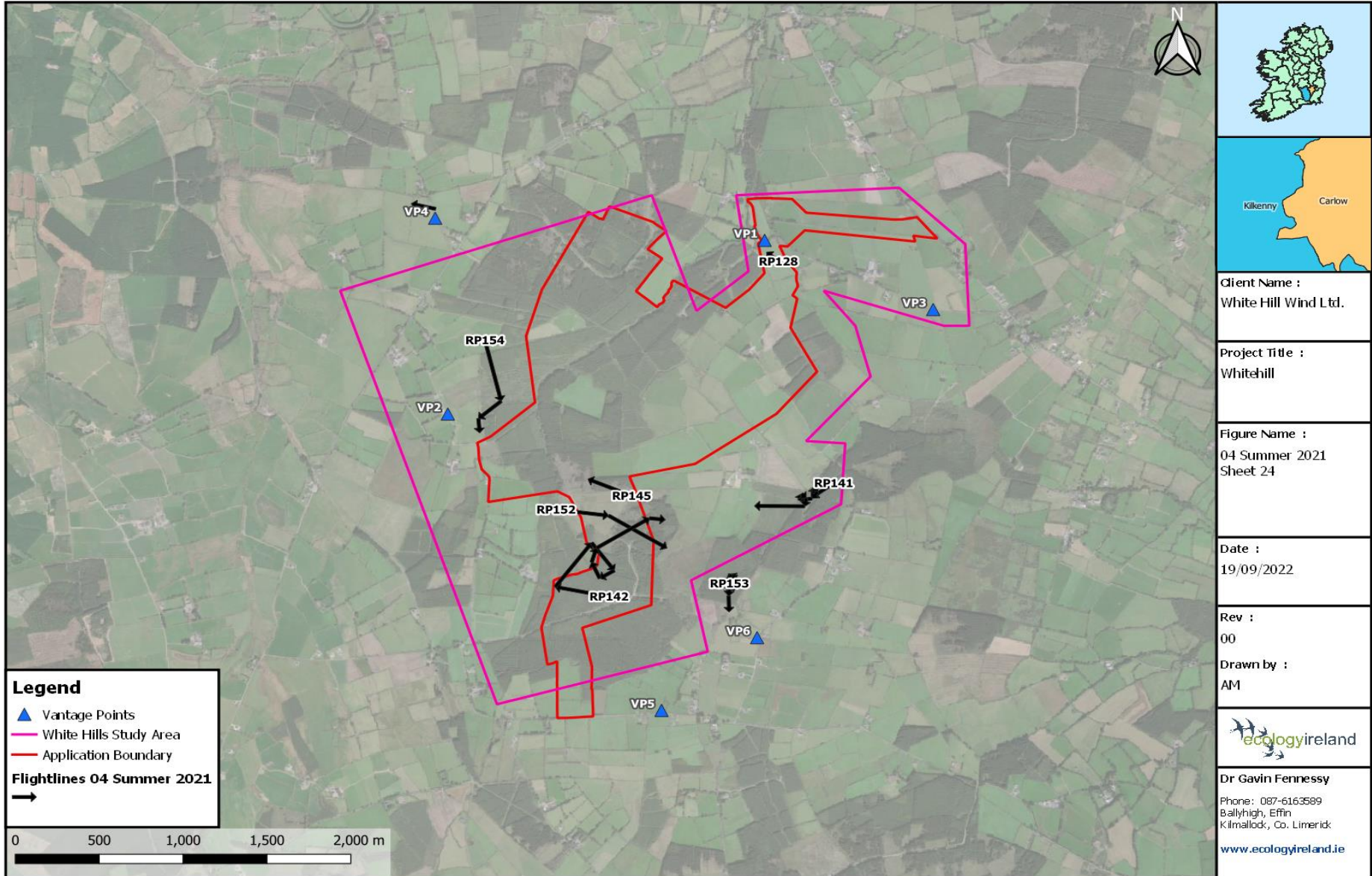




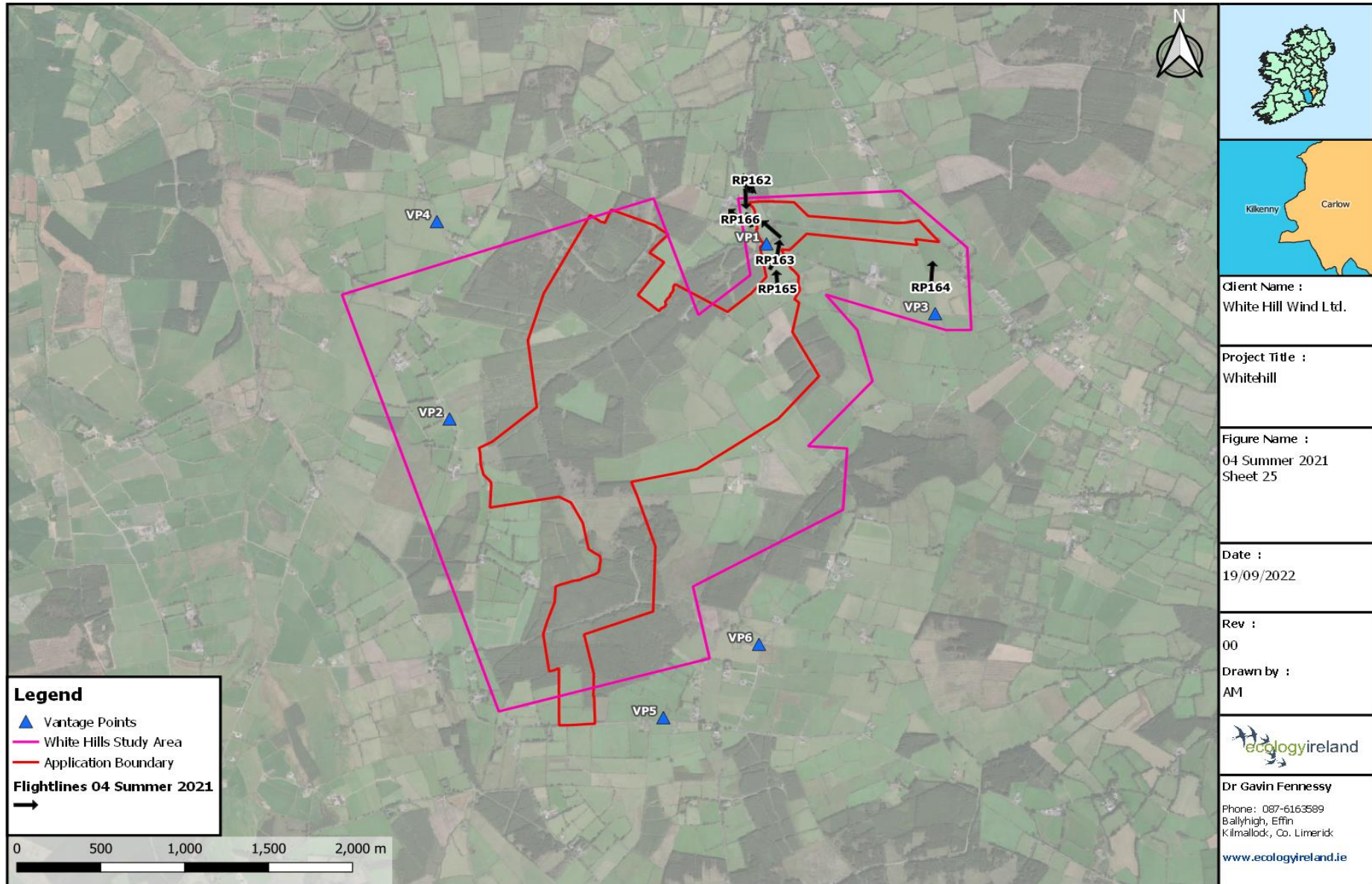




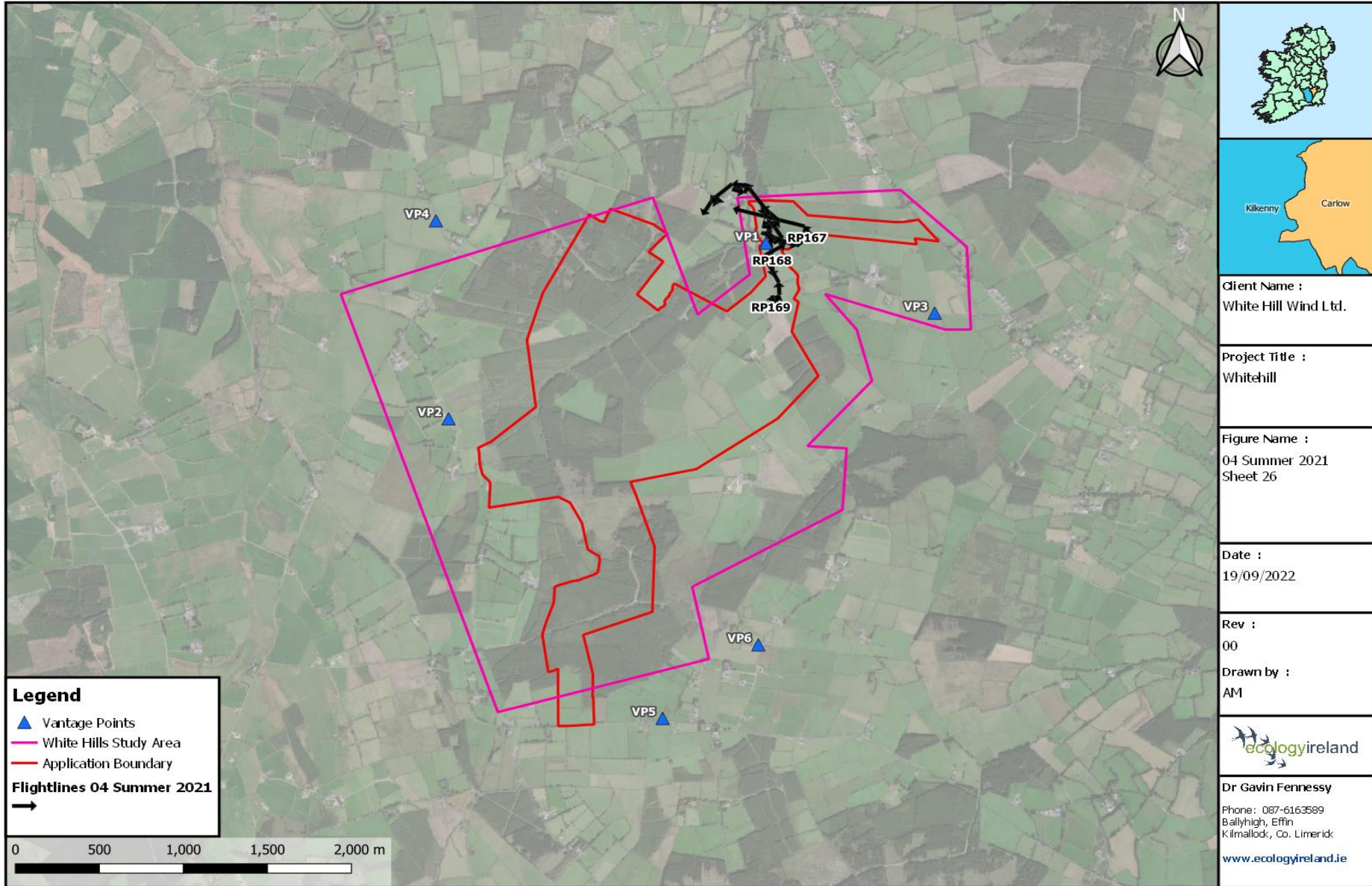




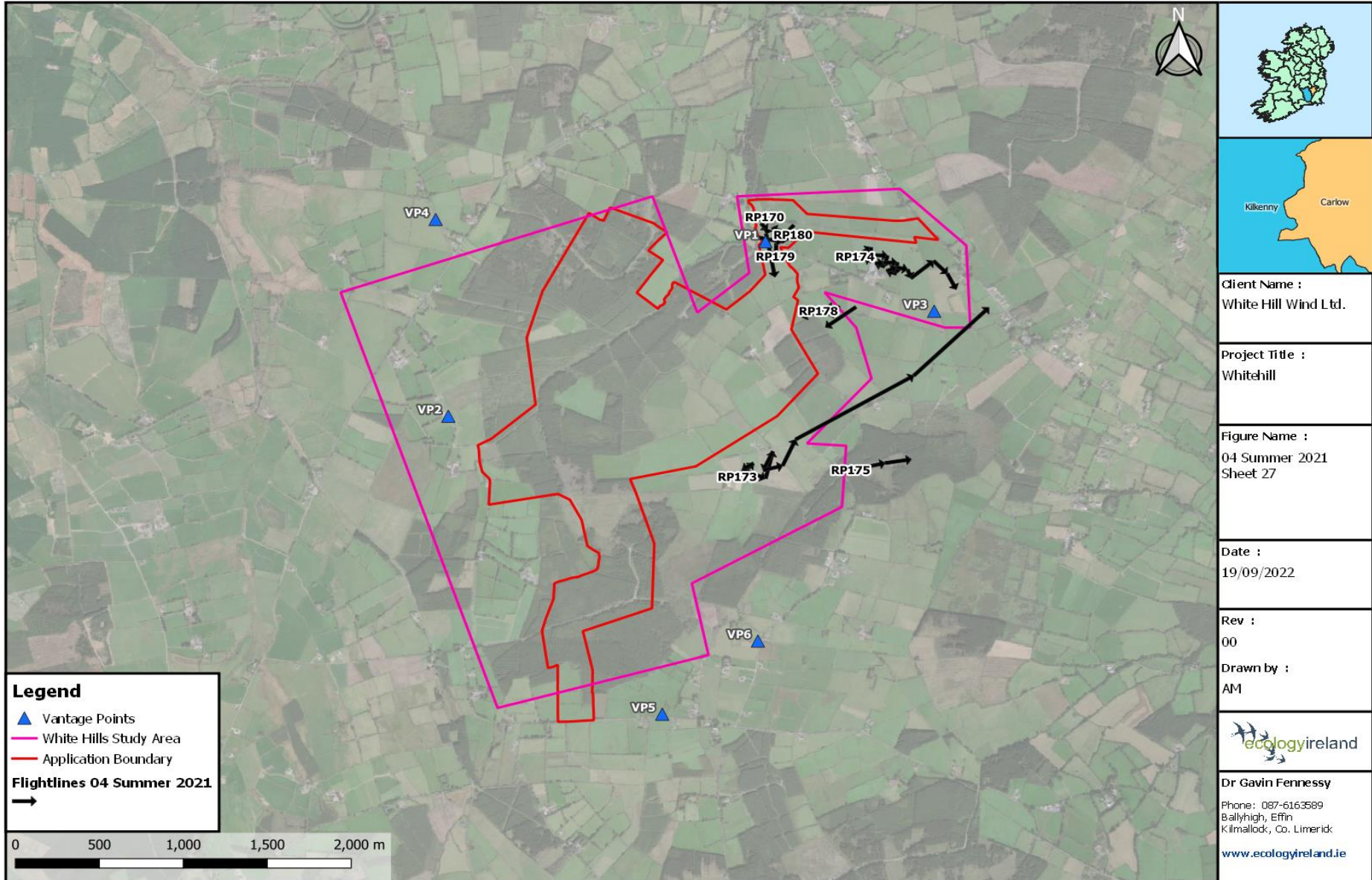




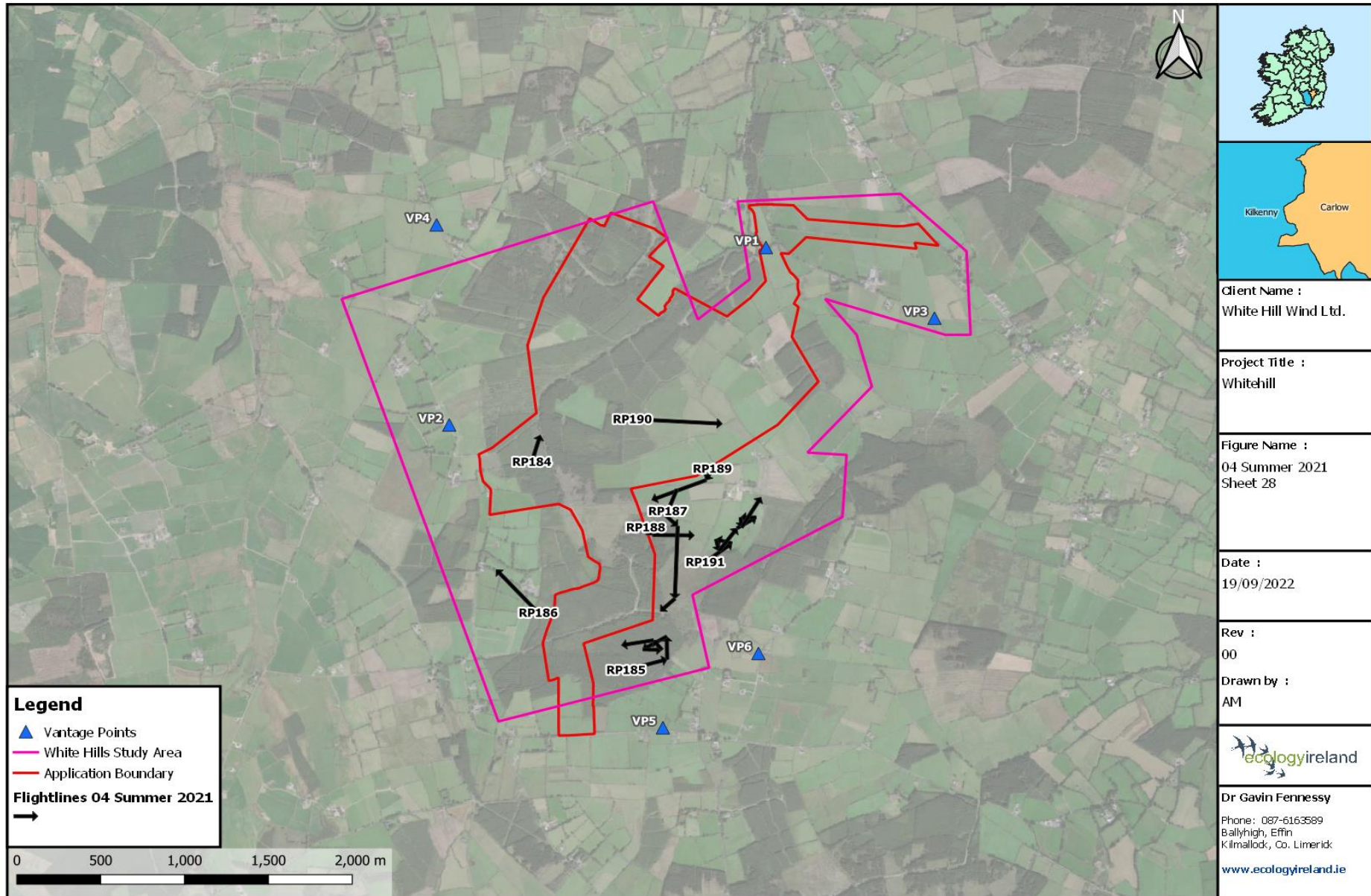




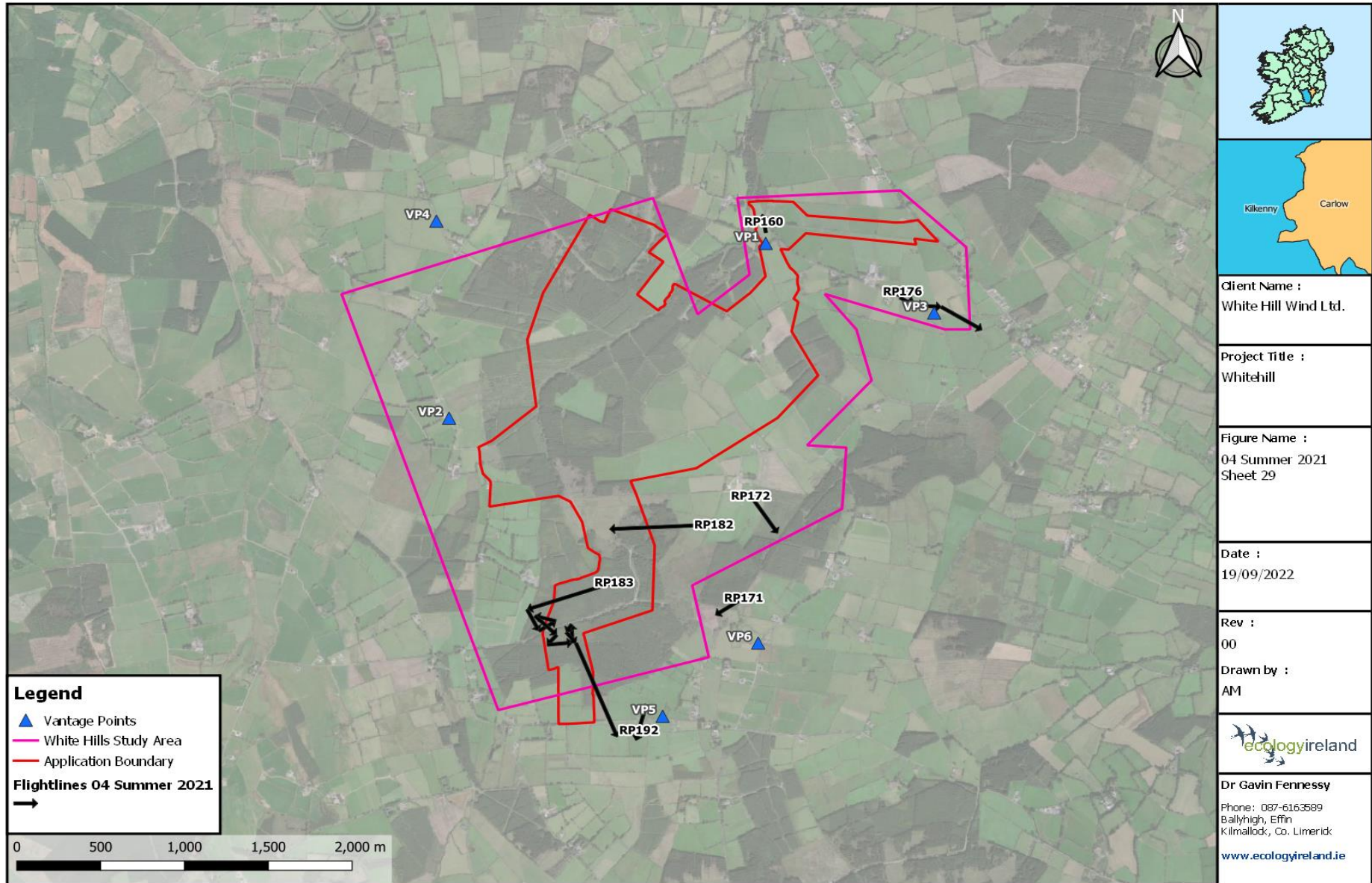




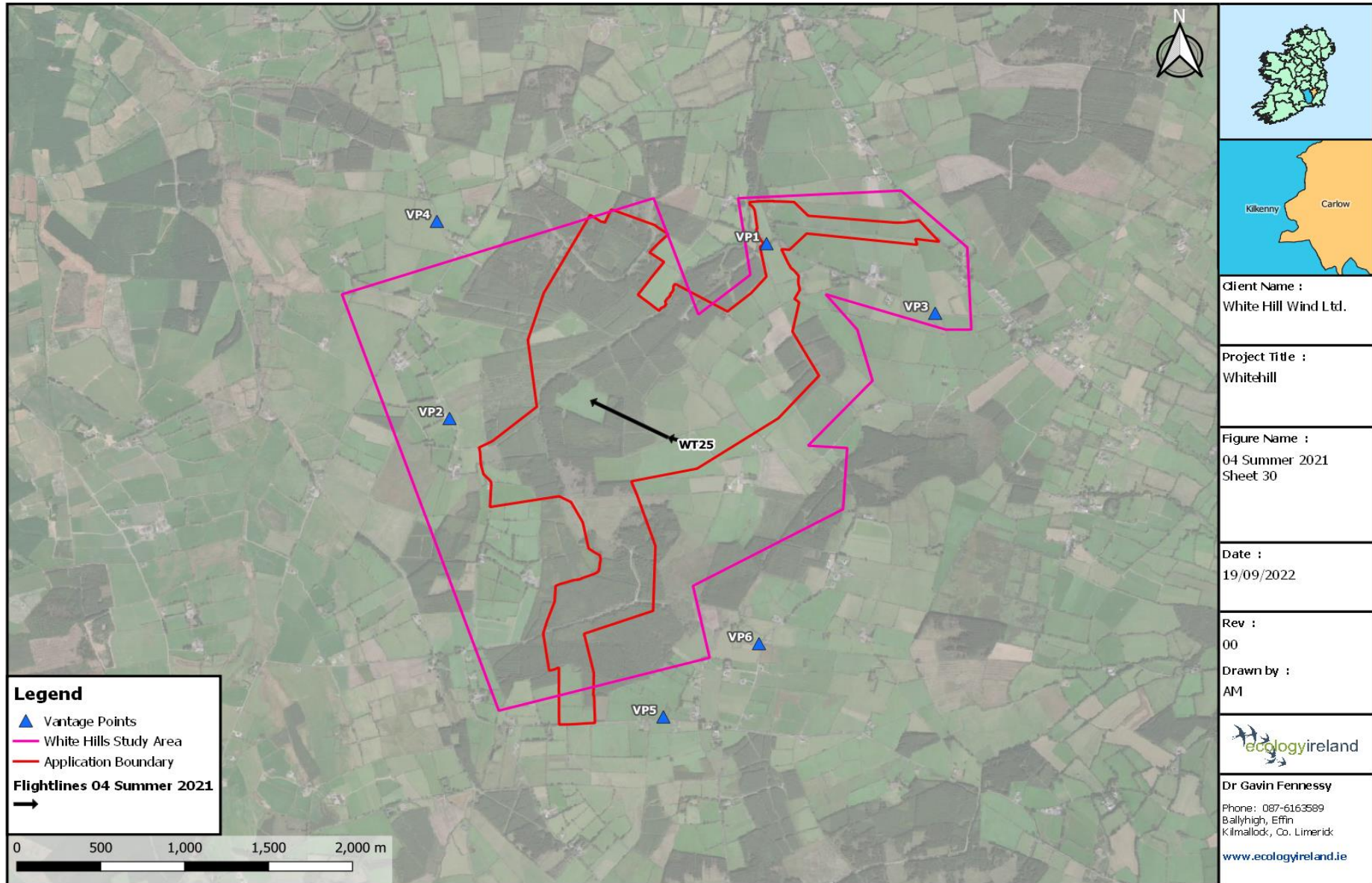




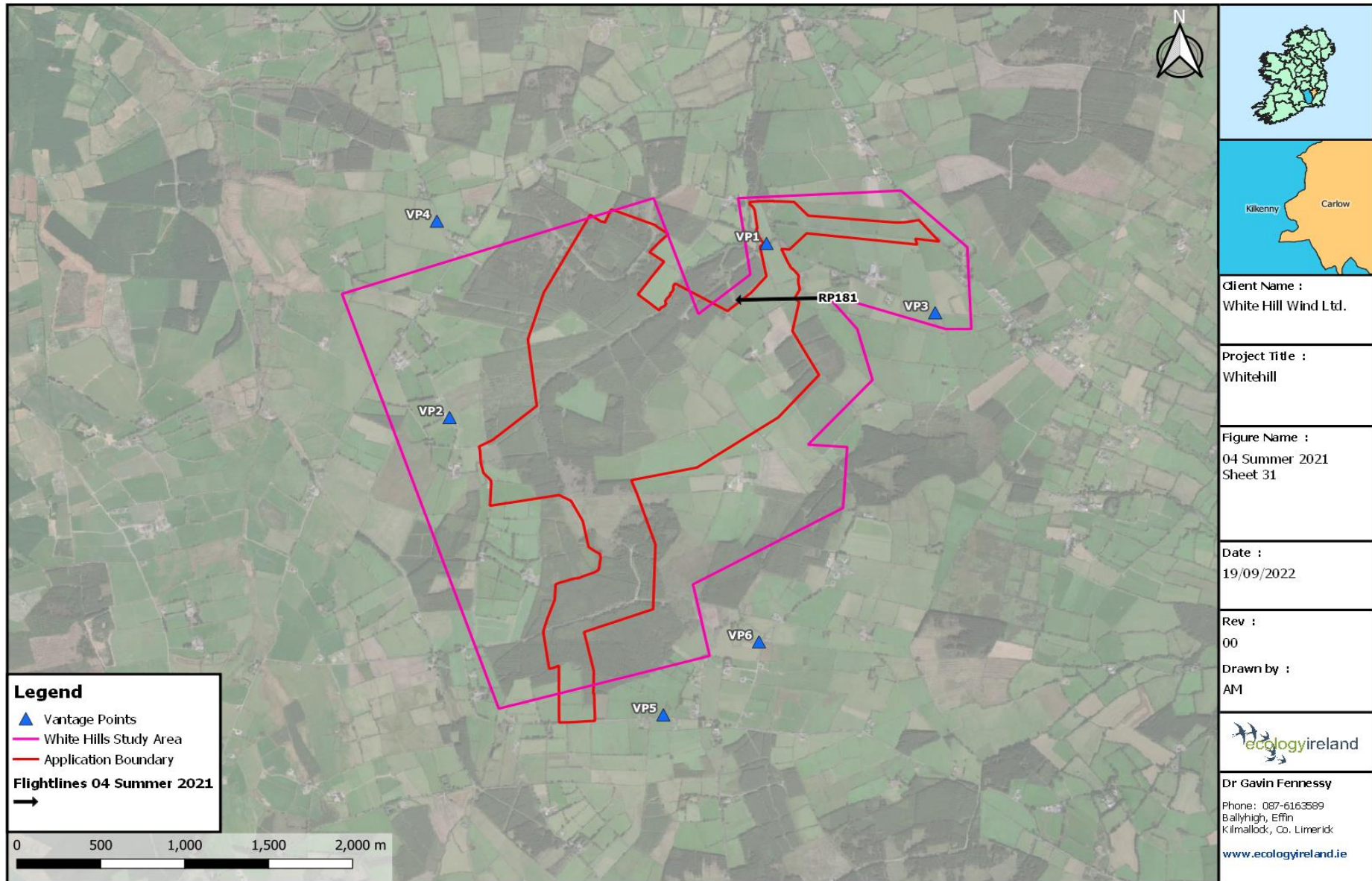












Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD1	11/10/2021	Golden Plover	100	09:02	30	100m	0	30	Golden Plover flocks seen well off-site.
WT1	11/10/2021	Grey Heron	1	09:09	120	15m	100	20	Grey Heron joined by second bird, flying west and then north.
WT3	11/10/2021	Grey Heron	2	09:15	15	20m	0	15	Grey Heron adult and juvenile flying north.
WT2	11/10/2021	Mallard	4	09:15	20	15m	0	20	Mallard flying south near VP3.
WT4	11/10/2021	Grey Heron	1	09:37	5	10m	0	5	Grey Heron flying north.
RP1	11/10/2021	Buzzard	1	10:00	20	<5m	0	20	Buzzard flying east off-site.
RP2	11/10/2021	Buzzard	1	10:45	40	20m	20	20	Buzzard dropping to land south of VP1.
WT5	11/10/2021	Teal	7	11:19	15	<5m	5	10	Teal landing at pond in farmland
RP3	11/10/2021	Buzzard	1	11:26	220	5m	25	195	Buzzard flying over farmland gaining height to 25m AGL.
RP4	11/10/2021	Buzzard	1	12:14	45	5m	0	45	Buzzard flying south past VP6, calling.
RP5	11/10/2021	Buzzard	1	13:27	45	15m	10	35	Buzzard flying south of VP1 being mobbed by Corvids.
RP6	11/10/2021	Peregrine Falcon	1	13:31	10	10m	0	10	Peregrine flying past VP5 heading to the southwest.
RP7	11/10/2021	Sparrowhawk	1	13:51	30	5m	0	30	Sparrowhawk (Male) hunting past VP flushed flock of House Sparrow and Finch flock.
WT6	11/10/2021	Teal	8	14:02	10	5m	0	10	Flock of Teal flying low and fast.
RP8	11/10/2021	Sparrowhawk	1	14:34	205	30m	20	185	Sparrowhawk gaining height being mobbed by a Rook, 30-100m AGL as it headed north



Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									and then stooped out of view.
WT7	11/10/2021	Grey Heron	1	14:47	50	15m	0	50	Grey Heron flying south dropping to <5m AGL.
WT8	12/10/2021	Grey Heron	1	10:40	5	10m	5	0	Brief view of Grey Heron flying south.
RP9	12/10/2021	Buzzard	1	11:54	50	15m	50	0	Buzzard commuting south being mobbed by Corvids
WD2	12/10/2021	Golden Plover	2	12:06	10	20m	0	10	Golden Plover flying west near VP4 off-site.
RP10	24/11/2021	Sparrowhawk	1	11:29	10	<5m	10	0	Sparrowhawk hunting low, heading east.
WD3	24/11/2021	Golden Plover	7	11:30	5	25m	0	5	Brief view of Golden Plover near VP3.
RP11	24/11/2021	Sparrowhawk	1	12:44	110	10m	60	50	Sparrowhawk flying over farmland and forestry gaining height to 35m AGL.
RP12	24/11/2021	Kestrel	1	13:29	80	30m	0	80	Kestrel being mobbed by Corvids.
RP13	24/11/2021	Kestrel	1	14:33	300	40m	0	300	Kestrel hovering, gaining height to 100m AGL.
RP14	24/11/2021	Kestrel	1	15:07	210	10m	0	210	Kestrel hunting, heading to northeast.
RP15	24/11/2021	Kestrel	1	15:08	5	25m	0	5	Brief sighting of hovering Kestrel, off-site.
RP16	25/11/2021	Buzzard	1	11:47	15	10m	0	15	Buzzard over forestry, dropping from view.
RP17	25/11/2021	Buzzard	3	11:48	90	15m	15	75	Buzzards circling and chasing.
RP18	25/11/2021	Buzzard	1	12:06	55	15m	30	25	Buzzard commuting to north, being mobbed by Corvids.

Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP19	25/11/2021	Buzzard	1	12:13	75	25m	10	65	Buzzard commuting and calling near VP1.
RP20	25/11/2021	Buzzard	1	12:34	180	30m	15	165	Buzzard commuting to northeast.
RP21	25/11/2021	Sparrowhawk	1	14:12	25	10m	5	20	Sparrowhawk commuting getting mobbed by Corvids.
RP22	25/11/2021	Kestrel	1	14:18	25	10m	25	0	Kestrel flying north near VP1.
RP23	25/11/2021	Buzzard	1	14:30	5	10m	0	5	Brief sighting of Buzzard flying west, off-site.
WT9	25/11/2021	Grey Heron	1	14:30	15	10m	0	15	Grey Heron (Juvenile) appeared to land.
WD4	26/11/2021	Snipe	2	09:47	25	10m	0	25	Snipe flying west near VP2.
RP24	26/11/2021	Buzzard	1	10:15	45	20m	35	10	Buzzard flying north.
RP25	26/11/2021	Kestrel	1	11:35	20	20m	0	20	Kestrel hunting near VP5.
RP26	26/11/2021	Kestrel	1	12:19	95	<5m	0	95	Kestrel hunting close to VP2.
RP27	26/11/2021	Kestrel	1	12:20	60	10m	0	60	Kestrel hunting over farmland off-site.
RP28	26/11/2021	Kestrel	1	12:23	25	10m	0	25	Kestrel hunting heading east.
RP29	26/11/2021	Sparrowhawk	1	12:35	10	<5m	0	10	Sparrowhawk hunting low near VP4.
RP30	26/11/2021	Kestrel	1	13:18	145	40m	145	0	Kestrel hunting, flying over forestry.
RP31	26/11/2021	Kestrel	1	13:30	30	<5m	0	30	Kestrel hunting, heading north past VP4.
RP32	26/11/2021	Buzzard	1	13:56	60	30m	0	60	Buzzard soaring west of the site near Kane's Bridge.
RP33	26/11/2021	Kestrel	1	14:03	90	50m	90	0	Kestrel hunting, dropping to 30m AGL.
RP34	26/11/2021	Kestrel	1	14:33	220	15m	0	220	Kestrel hunting over forestry.



Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP35	26/11/2021	Buzzard	2	14:43	390	50m	390	0	Buzzards circling above forestry from 40-60m AGL.
RP36	26/11/2021	Kestrel	1	14:43	180	50m	180	0	Kestrel hunting over forestry.
RP37	26/11/2021	Buzzard	1	14:46	30	30m	30	0	Buzzard flying north.
RP38	26/11/2021	Buzzard	2	14:49	50	40m	0	50	Buzzards flying to the east.
WT10	01/12/2021	Grey Heron	1	08:47	55	10m	15	40	Grey Heron flying north across forestry.
RP39	01/12/2021	Buzzard	1	10:01	50	20m	0	50	Buzzard commuting/hunting off-site.
WD5	01/12/2021	Snipe	1	10:38	20	10m	0	20	Snipe commuting west, north of VP6.
RP40	01/12/2021	Buzzard	1	10:56	45	10m	0	45	Buzzard hunting over forestry.
RP41	01/12/2021	Kestrel	1	11:42	25	10m	0	25	Kestrel hunting north of VP5.
RP42	01/12/2021	Kestrel	1	12:06	120	15m	0	120	Kestrel commuting to east, north of VP6.
RP43	01/12/2021	Kestrel	1	12:19	15	10m	0	15	Kestrel hovering, then dropped from view.
RP44	01/12/2021	Buzzard	1	12:53	60	25m	0	60	Buzzard flying east and then south, dropping to 5m AGL.
RP45	01/12/2021	Kestrel	1	13:20	90	25m	0	90	Kestrel hunting near VP6.
RP46	01/12/2021	Kestrel	1	13:36	10	10m	0	10	Kestrel hunting near VP5.
RP47	01/12/2021	Buzzard	1	14:07	25	40m	20	5	Buzzard, commuting over forestry, dropping from view.
RP48	01/12/2021	Buzzard	1	14:17	30	10m	0	30	Buzzard commuting near VP5.
RP49	03/12/2021	Kestrel	1	10:22	15	15m	0	15	Kestrel hunting near VP4.
WT11	03/12/2021	Mallard	1	10:34	10	30m	0	10	Mallard seen off-site.
RP50	03/12/2021	Sparrowhawk	1	10:50	20	<5m	0	20	Sparrowhawk flew short distance and appeared to land.

Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WT12	03/12/2021	Little Egret	1	10:55	25	10m	20	5	Little Egret flying south close to stream, may have landed.
WT13	03/12/2021	Little Egret	1	10:59	105	10m	80	25	Little Egret (same bird as WT12) circled back up and flew north.
RP51	03/12/2021	Kestrel	1	12:56	40	30m	0	40	Kestrel being mobbed by Hooded Crow.
RP52	03/12/2021	Kestrel	1	13:20	10	10m	0	10	Kestrel (Male) hunting near VP4.
RP53	17/01/2022	Buzzard	1	08:51	10	<5m	0	10	Brief sighting of Buzzard, off-site.
RP54	17/01/2022	Kestrel	1	09:03	5	<5m	0	5	Kestrel (Female) hovering west of VP5.
RP55	17/01/2022	Kestrel	1	09:17	10	10m	0	10	Kestrel (Female) hovering and then dropped to perch.
RP56	17/01/2022	Kestrel	1	09:32	60	10m	0	60	Kestrel flying west near VP5.
RP57	17/01/2022	Sparrowhawk	1	09:46	10	10m	0	10	Sparrowhawk flying fast to southeast.
RP58	17/01/2022	Sparrowhawk	1	10:04	100	30m	100	0	Sparrowhawk flying northeast over the Wind Farm Site.
RP59	17/01/2022	Sparrowhawk	1	10:14	185	25m	100	85	Sparrowhawk circling up to 50m AGL, then stooped and lost from view.
RP60	17/01/2022	Kestrel	1	10:16	30	30m	0	30	Kestrel hunting to west.
RP61	17/01/2022	Buzzard	1	10:20	35	5m	0	35	Buzzard hunting north of VP6.
RP62	17/01/2022	Kestrel	1	10:21	95	35m	0	95	Kestrel hunting and hovering over farmland.
RP63	17/01/2022	Kestrel	1	10:32	90	30m	0	90	Kestrel hunting and hovering over farmland.
RP64	17/01/2022	Sparrowhawk	1	10:42	20	10m	0	20	Sparrowhawk hunting, heading



Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									east.
WD6	17/01/2022	Golden Plover	30	10:47	30	25m	0	30	Golden Plover flying to southeast.
RP65	17/01/2022	Kestrel	1	11:02	660	30m	0	660	Kestrel hunting, hovering and getting mobbed by Hooded Crows.
RP66	17/01/2022	Kestrel	1	11:10	15	25m	0	15	Kestrel flying to northeast.
RP67	17/01/2022	Kestrel	1	11:24	15	10m	0	15	Kestrel flying off-site near VP5.
RP67	17/01/2022	Sparrowhawk	1	11:30	490	30m	320	170	Sparrowhawk (Female) flying slowly across the site to the southeast.
RP68	17/01/2022	Buzzard	1	12:10	10	10m	0	10	Buzzard flying north dropped from view.
RP69	17/01/2022	Kestrel	1	12:11	110	20m	0	110	Kestrel hunting, heading south off-site.
RP70	17/01/2022	Sparrowhawk	1	13:12	330	40m	55	275	Sparrowhawk flying to southwest.
WT14	17/01/2022	Lesser Black-backed Gull	2	14:13	260	50m	0	260	Gulls flying to the southwest.
WT15	17/01/2022	Lesser Black-backed Gull	1	14:17	15	30m	0	15	Lesser Black-backed Gull heading south off-site.
RP71	18/01/2022	Sparrowhawk	1	09:04	10	30m	10	0	Brief sighting of displaying Sparrowhawk.
RP72	18/01/2022	Kestrel	1	09:07	175	25m	175	0	Kestrel hovering and moving to southeast.
RP73	18/01/2022	Kestrel	1	09:13	120	25m	115	5	Kestrel hunting and hovering , heading to northwest.
RP74	18/01/2022	Kestrel	1	09:19	130	30m	120	10	Kestrel heading south dropping to 15m AGL.
RP75	18/01/2022	Kestrel	1	10:00	90	10m	90	0	Kestrel flying north past VP1.

Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WT16	18/01/2022	Grey Heron	1	10:31	20	10m	0	20	Grey Heron dropping quickly from view.
RP76	18/01/2022	Sparrowhawk	1	11:05	300	15m	165	135	Sparrowhawk displaying over forestry, climbing and dropping between 10-50m AGL, returning over farmland at 10m AGL.
RP77	18/01/2022	Kestrel	1	11:25	30	25m	15	15	Kestrel heading to northwest.
RP78	18/01/2022	Sparrowhawk	1	11:52	45	5m	0	45	Sparrowhawk hunting over farmland near VP4.
RP79	18/01/2022	Sparrowhawk	1	12:56	10	<5m	10	0	Sparrowhawk (Male) hunting, heading south of VP1.
RP80	18/01/2022	Kestrel	1	13:21	275	15m	0	275	Kestrel hunting, flying to southeast.
RP81	18/01/2022	Sparrowhawk	1	13:24	35	50m	15	20	Sparrowhawk flying to the southeast, dropping to 10m AGL.
RP82	18/01/2022	Buzzard	1	14:01	175	60m	0	175	Buzzard soaring to the north of the site.
RP83	18/01/2022	Kestrel	1	14:16	130	25m	0	130	Kestrel hovering and flying west.
RP84	18/01/2022	Kestrel	1	14:28	20	5m	0	20	Kestrel hunting near VP3.
RP85	18/01/2022	Kestrel	1	14:59	50	30m	40	10	Kestrel hunting heading north past VP1.
WT17	09/02/2022	Grey Heron	1	09:40	45	25m	0	45	Grey Heron flying south, off-site.
WT18	09/02/2022	Grey Heron	1	10:01	5	15m	0	5	Grey Heron flying north, off-site.
RP86	09/02/2022	Buzzard	1	10:42	20	40m	0	20	Buzzard being mobbed by Hooded Crows.
RP87	09/02/2022	Buzzard	2	10:56	535	75m	15	520	Buzzards soaring up to 170m



Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									AGL, south of VP3.
RP88	09/02/2022	Buzzard	1	11:02	310	20m	0	310	Buzzard circling off-site
RP89	09/02/2022	Buzzard	1	11:08	60	40m	0	60	Buzzards soaring near VP2.
RP90	09/02/2022	Buzzard	2	11:27	260	35m	260	0	Buzzards soaring over farmland, one bird dropped from view after 30s.
RP91	09/02/2022	Buzzard	2	11:37	780	30m	0	780	Buzzards soaring together, they then split up. Followed the bird that continued south, off-site.
RP92	09/02/2022	Buzzard	1	11:48	10	25m	0	10	Brief sighting of Buzzard, off-site.
RP93	09/02/2022	Sparrowhawk	1	11:54	65	100m	0	65	Sparrowhawk heading east, being mobbed by Corvids.
RP94	09/02/2022	Sparrowhawk	1	11:59	10	20m	0	10	Sparrowhawk (presumably same bird as RP93) being harassed by Hooded Crows.
RP95	09/02/2022	Buzzard	1	13:13	25	30m	0	25	Distant sighting of Buzzard, off-site.
RP96	09/02/2022	Buzzard	2	13:20	265	60m	0	265	Buzzards flying to the east.
RP97	09/02/2022	Buzzard	2	13:23	125	40m	0	125	Buzzards soaring from 40-80m AGL to the east of the site.
WT19	09/02/2022	Mallard	2	13:25	45	30m	20	25	Pair of Mallard flying north past VP1.
RP98	09/02/2022	Buzzard	1	13:30	160	20m	0	160	Buzzard flying west 20-40m AGL being mobbed by Corvids.
RP99	09/02/2022	Buzzard	2	13:35	25	40m	25	0	Buzzards circling over forestry on-site.
RP100	09/02/2022	Buzzard	1	13:38	140	75m	0	140	Buzzard flying off-site, dropped to join second bird on perch.
RP101	09/02/2022	Buzzard	1	14:17	20	35m	0	20	Buzzard flying south, off-site.

Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP102	09/02/2022	Kestrel	1	14:17	150	55m	0	150	Kestrel being mobbed by corvids, driven down to 10m AGL.
WD7	09/02/2022	Snipe	1	14:27	5	<5m	0	5	Snipe flushed from near VP3.
WT20	09/02/2022	Grey Heron	1	14:28	35	15m	0	35	Grey Heron flying north past VP1.
RP103	10/02/2022	Sparrowhawk	1	09:38	40	50m	40	0	Sparrowhawk, being mobbed by corvids.
RP104	10/02/2022	Buzzard	1	09:48	160	20m	0	160	Buzzard flying west north of VP6.
RP105	10/02/2022	Kestrel	1	10:47	490	20m	0	490	Kestrel hunting towards VP6.
RP106	10/02/2022	Kestrel	1	11:01	60	25m	0	60	Kestrel hunting off-site.
RP107	10/02/2022	Kestrel	1	11:05	60	10m	0	60	Kestrel hunting off-site.
RP108	10/02/2022	Sparrowhawk	1	11:35	45	30m	0	45	Sparrowhawk hunting near VP6.
RP109	10/02/2022	Buzzard	1	11:38	85	10m	0	85	Buzzard flying north of VP6.
RP110	10/02/2022	Kestrel	1	12:09	55	10m	0	55	Hunting behind VP6.
RP111	10/02/2022	Kestrel	1	12:17	120	5m	0	120	Kestrel hunting low east of VP6.
RP112	10/02/2022	Kestrel	1	12:26	70	10m	0	70	Kestrel hunting low, hovering east of VP6.
RP113	10/02/2022	Kestrel	1	12:32	50	20m	0	50	Kestrel observed east of VP5.
RP114	10/02/2022	Buzzard	1	13:06	35	40m	0	35	Buzzard hunting north of VP6.
RP115	10/02/2022	Buzzard	1	13:23	115	60m	0	115	Buzzard soaring near forest edge.
RP116	10/02/2022	Kestrel	1	13:41	130	10m	0	130	Kestrel hunting northeast of VP6.
RP117	10/02/2022	Kestrel	1	13:57	45	75m	0	45	Kestrel high above forestry.
RP118	10/02/2022	Buzzard	2	14:03	260	20m	175	85	Buzzards flying together to northwest.



Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP119	10/02/2022	Kestrel	1	14:21	1,900	10m	0	1900	Kestrel hunting south of VP6 for prolonged period.
WT21	15/03/2022	Grey Heron	2	09:22	35	10m	0	35	Two Grey Herons observed to north of the site.
WT22	15/03/2022	Mallard	2	09:53	30	20m	0	30	Mallard commuting to the north of VP2.
RP120	15/03/2022	Buzzard	1	09:54	15	50m	0	15	Buzzard seen briefly, off-site.
RP121	15/03/2022	Kestrel	1	10:22	70	30m	0	70	Kestrel flying north, off-site.
RP122	15/03/2022	Kestrel	1	10:32	35	10m	0	35	Kestrel (Male) up from perch heading south.
RP123	15/03/2022	Buzzard	2	11:15	410	35m	410	0	Two Buzzards circling above forestry.
RP124	15/03/2022	Buzzard	1	11:16	155	25m	50	105	Buzzard flying south gaining height to 50m AGL and the dropping from view.
RP125	15/03/2022	Kestrel	1	11:24	30	15m	0	30	Kestrel (Male) flying east near VP4.
RP126	15/03/2022	Kestrel	1	11:57	70	10m	0	70	Kestrel (Male) flying west near VP4.
WT23	15/03/2022	Grey Heron	1	12:01	10	15m	0	10	Grey Heron flying to the north of the site.
RP127	15/03/2022	Buzzard	2	12:14	120	30m	25	95	Buzzard circling and soaring up to 60m AGL and then dropping towards the ground.
RP128	15/03/2022	Buzzard	3	12:36	180	80m	0	180	Buzzards circling off-site to the northwest of the site.
RP129	15/03/2022	Buzzard	1	12:51	50	20m	50	0	Buzzard flying above the trees over the site.
RP130	15/03/2022	Sparrowhawk	1	12:56	20	15m	20	0	Sparrowhawk, flying over forestry.

Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
RP131	15/03/2022	Buzzard	1	13:06	85	50m	85	0	Buzzard soaring, circling over the site.
RP132	15/03/2022	Buzzard	1	13:11	720	25m	300	420	Buzzard, gaining height to 120m AGL as it flew in sweeping flight across the site.
RP133	15/03/2022	Peregrine Falcon	1	14:25	240	120m	40	200	Peregrine flying to southwest, initially high, dropping height to 15m AGL over farmland.
RP134	15/03/2022	Buzzard	2	14:37	240	50m	0	240	Two Buzzards soaring, circling to the north of the site.
RP135	15/03/2022	Buzzard	1	14:41	25	30m	25	0	Buzzard circling over forestry within the site.
RP136	15/03/2022	Buzzard	1	14:52	75	35m	0	75	Buzzard soaring off-site.
RP137	21/03/2022	Buzzard	1	09:12	20	20m	10	10	Buzzard flying to southwest.
RP138	21/03/2022	Buzzard	2	09:34	120	<5m	40	80	Buzzard heading to southwest low, inclearing to 20m AGL.
RP139	21/03/2022	Buzzard	1	10:17	200	50m	0	200	Buzzard observed flying/hunting off-site dropping from 50-20m AGL.
RP140	21/03/2022	Buzzard	1	10:35	420	80m	0	420	Buzzard flying southwest across forestry and soaring over farmland northeast of VP6.
RP141	21/03/2022	Buzzard	1	10:42	60	100m	0	60	Buzzard soaring, circling over farmland.
RP142	21/03/2022	Buzzard	2	10:47	45	30m	0	45	Buzzard commuting heading north.
RP143	21/03/2022	Buzzard	1	10:53	10	25m	0	10	Buzzard briefly observed soaring northeast of VP6.



Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
WD8	21/03/2022	Golden Plover	5	11:01	500	60m	0	500	Golden Plover first observed flying high, dropping to near ground level (may have landed briefly), then observed in air again at 20m AGL and flying east.
RP144	21/03/2022	Buzzard	1	11:12	40	15m	0	40	Flying just above the trees, off-site.
RP145	21/03/2022	Buzzard	2	11:25	240	60m	240	0	Buzzard circling from 60-30m AGL.
RP146	21/03/2022	Kestrel	1	11:28	90	10m	0	90	Kestrel hunting off-site, heading east.
RP147	21/03/2022	Sparrowhawk	2	11:39	180	70m	0	180	Sparrowhawks, displaying flight.
RP148	21/03/2022	Buzzard	1	11:41	120	120m	90	30	Buzzard soaring high above forestry.
RP149	21/03/2022	Sparrowhawk	1	11:44	15	20m	0	15	Sparrowhawk passing VP5.
RP150	21/03/2022	Buzzard	2	11:45	295	30m	100	195	Buzzard soaring, joined by second bird, both moving off to the south.
RP151	21/03/2022	Sparrowhawk	1	11:50	5	<5m	0	5	Brief sighting of Sparrowhawk low in front of VP5.
RP152	21/03/2022	Buzzard	2	12:01	330	40m	0	330	One soaring Buzzard joined by second bird, dropped to 20m AFL and headed south.
RP153	21/03/2022	Buzzard	1	12:09	20	15m	0	20	Buzzard seen briefly northwest of VP5.
RP154	21/03/2022	Buzzard	3	12:31	180	50m	0	180	Buzzards seen soaring well off-site to northeast.
RP155	21/03/2022	Buzzard	2	12:35	360	40m	0	360	Buzzards circling and soaring from 40-80m AGL and drifting

Winter Season 2021/2022									
Flightline ID	Date	Species	Number	Time first seen	Duration of observation (s)	Initial flight height	Duration within Wind Farm Site (s)	Off-site (s)	Observation description (note if observed flight height deviated significantly)
									westwards.
RP156	21/03/2022	Kestrel	1	13:06	380	15m	0	380	Kestrel hunting north of VP5.
RP157	21/03/2022	Kestrel	1	13:13	70	25m	0	70	Kestrel flying to southeast.
RP158	21/03/2022	Sparrowhawk	1	13:14	50	<5m	0	50	Sparrowhawk hunting off-site.
RP159	21/03/2022	Buzzard	2	13:15	170	20m	170	0	Buzzard soaring over the site north of VP5.
RP160	21/03/2022	Buzzard	2	13:19	265	25m	100	165	Buzzard circling over forestry north of VP5.
RP161	21/03/2022	Buzzard	2	13:25	415	35m	0	415	Buzzard circling, joined by second bird, both dropped from view, may have landed.
RP162	21/03/2022	Kestrel	1	13:27	30	10m	0	30	Kestrel hunting west of VP5
RP163	21/03/2022	Kestrel	1	13:31	115	15m	0	115	Kestrel (Male) hunting over farmland.
RP164	21/03/2022	Buzzard	1	13:45	15	10m	0	15	Buzzard north of the site, just off-site.
RP165	21/03/2022	Buzzard	1	13:46	15	10m	15	0	Buzzard hunting over farmland.
RP166	21/03/2022	Buzzard	2	13:48	70	30m	0	70	Buzzard circling and soaring to the north of the site.
RP167	21/03/2022	Buzzard	1	13:56	30	40m	0	30	Buzzard flying east near VP6.
WT24	21/03/2022	Mallard	1	14:26	20	<5m	0	20	Mallard landing at pond in field near VP3.
RP168	21/03/2022	Buzzard	1	14:32	100	50m	10	90	Buzzard flying to southwest.
RP169	21/03/2022	Buzzard	1	14:34	135	50m	0	135	Buzzard circling above forestry from 50-70m AGL.

**Table A5.3.5: Flightline Descriptions for the Winter Season 2021/2022**

