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Raheenmore Bog. Facebank measurements. Oct. 1992.

Starting point: Ramp 40m. N.E. from grid peg H.14.

Measured in 100m sections or where significant change occurs.

(N.A.T.) Non-Active Turbary throughout Raheenmore.

Each section is given three measurements, e.g. 100/100/50 = Facebank from upper surface to cutover 1m. Drain at base of facebank 1m. with 50cm of water in drain.

Approximate average measurements recorded in centimetres.

Drains = - Fissures = vvvvvvvvv

(1) From ramp E towards boundary drain.

Surface sloping steeply to old facebanks 100cm high. Large pools of standing water at base c. 150cm deep with 140cm of water = 100/150/140.

(2) Section E of H,14. beside townland boundary.

Surface sloping steeply to old facebanks 50cm high. Large pools at base 100cm deep with much vegetation pools full of water = 50/100/100.

Section between 2 and 3 sloping steeply to boundary drain c. 3m. deep. This section also has channel associated with V. notch and automatic recorder. Extensive drains on surface around edges and especially E. and S.E.

- (3) Extreme E corner N.E. of M.15.
Surface sloping to large facebanks near boundary drain.
150cm deep with old pools at base now dried out.
- (4) Area E. of M,15. (Narrow strip running into corner).
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- Ancient track or ramp with high facebanks on either side
2m. Isolated pools of standing water at base 1m. full of
water. Extensive fissures along strip.
- (5) From ramp w. along townland boundary (drain).
Surface sloping steeply to high facebank 2m. Dry peat, no
pools at base.
- (6) Section roughly diagonal between M15 and N14.
Surface sloping steeply to facebanks of 140cm. Large pools
of standing water at base 150cm deep with 1m. of water.
Fissure near edge.
- (7) Section roughly parallel between N14 and N13.
Surface sloping moderately to facebanks of 120cm. Deep
pools at base 120cm with 1m of water. Facebank 12m. S. of
N13. Fissure near edge.
- (8) From 12m. S. of N13 to 54m. S. of N.12.
Surface sloping steeply to facebanks of 140cm. Pools at
base 1m. with 80cm of water. Fissures close to edge.

(9) From 54m. S. of N.12. to 38m. s. of 0.11.

Surface sloping moderately to facebanks of 140cm. Pools at base 1m. with 50cm water. Pools at S.W. end drying out.

(10) Short section N.E. of small field marked X on map.

Surface sloping steeply to facebanks of 1m. Large pools at base 1m. with 70cm. of water.

(11) E. boundary of field.

Bog actually ends at N. edge of field at drain 1m. drain around field, outside that peat drops 1m. to large pools at base 150cm. with 1m. of water = 200/150/100.

(12) Southern boundary of field.

Field sloping to high facebanks of 2m. Large pools at base 150cm. deep with 1m. of water. Large pools partly hidden by Salix linked by drains to boundary drain.

(13) From field 5. approx. 60m.

Sloping steeply to high facebanks 2m. Shallow drain at base 50cm. full of water flowing to boundary drain. Fissure around edge at large pool.

(14) From pool south along old track or ramp. Old facebank of 150cm. dropping down to dry peat Salix/Betula up to Q line.

(15) West side of peat ramp.

1m. facebank with only dry peat at base = 100/0.

(16) From townland boundary W. to S. of Q.10.

Sloping steeply to facebank of 1m. Pools mainly dried out E. end. Pools west end 150cm. deep with 130cm. of water = 100/150/130.

(17) From S. of Q.10 S.W. to 45m. S. of Q.9.

Surface sloping steeply to facebanks of 1m. Pools at base 1m. with 50cm. of water = 100/100/50.

(18) From 45m. S. of Q.9 to 20m. N. of R,8.

Sloping moderately to low facebanks of 1m. Old pools at base c.50cm. deep but dried out because of proximity of boundary drain (2m. N. of R.8.). Fissure at base of facebanks.

(19) From 20m. N. of R.8 W. to 30m. S. of R.7.

Sloping moderately to facebanks of 1m. Pools at base 1m. deep dried out. Long fissures at edge and at base of facebanks. Boundary drain 40m. S. of R.4.

(20) From 30m. S. of R.7 west to 25m. S. of R,6.

Surface sloping steeply to facebanks of 150cm. Pools at base now dry 1m. deep. Boundary drain c. 40m. S. of facebanks. Wildlife Service transect 8m. E. of grid line 6.

(21) From 25m. S. of R,6 W. to 10m. S. of R,5.

Sloping moderately to old facebanks stepping down in three steps of 50cm. 1m. and 1m.

Large deep pools E. end but dry at W. end. Large drains on surface beside R,6. linked to old drainage system. Large fissure at base of facebank E. end.

(22) From 10 S. of R,5. N.E. to start of old field system.

Sloping moderately to high vertical facebank 2m. Pools at base 150cm. with 1m. of water.

(23) From N. of R.5. N.W. to 40m. S. of Q.4.

Surface sloping steeply to very irregular edge and facebanks of c. 130cm. Isolated pools at base 1m. deep with 70cm. water. Surface drains as per map, few dams along drains.

(24) From 40m. S. of Q.4 W. to 36m. S. of Q,3.

Surface sloping steeply to facebank of 150cm. Boundary drain just south of this causing step of 150cm. 70cm. water in drain. Drain 2m. S. of facebank.

(25) From 36m. S. of Q.3 W. to 20m. S. of Q.2.

Surface sloping moderately to facebank of 150cm. 3m. south of this cutover steps 150cm. to boundary drain 50cm. of water in drain. Fissure close to edge E. end.

(26) From 20m. S. of Q,2 N.W. to 10m. S. of Q,1.

Sloping moderately to facebanks of 1m. then a step of 1m. then boundary drain 1m. with 50cm. water = 200/100/50.

(27) From 10m. S. of Q.1 N.W. to 25m. S. of P,O.

Sloping moderately to facebank of 1m. Shelf of cutover 5m. then stepping 1m. then boundary drain with 50cm. of water. Boundary drain 30m. S. of P.O.

(28) From 25m. S. of P,O. N.W. to 12m. S. of O,1.

Sloping steeply to facebanks of 150cm. high. Dry peat at base. Large double fissures S. end causing semi-circular slumping. N. end few shallow pools at base.

(29) From 12m. S. of O,1 N.N.W. to 55m. W. of N,1. Sloping steeply to facebanks of 150cm. Mainly dry peat at base. Large fissure causing serious slumping W. of N,1. Boundary drain 15m. W. of facebanks.

(30) From 55m. W. of N,1. NW to 10m. W. of M.2. Surface sloping steeply to high facebanks of 175cm. Dry peat at base. Active drains on surface. Boundary drain 10m. W. of facebanks.

(31) From 10m. W. of M,2. NNW to 40m. W. of L2.

Sloping steeply to facebanks of 150cm. Dry peat at base. Old pools dried out by boundary drain. Active drains on surface. Fissure close to edge. Boundary drain 15m. W. of facebanks.

(32) From 40m. W. of L,2. 50m. north.

Sloping steeply to facebanks of 150cm. Large pools at base now dried out 1m. deep no water = 150/100/0. Facebanks

50m. W. of line 2. Boundary drain 15m W. of facebanks.
Short fissures close to S. edge.

- (33) North of previous by 35m near townland boundary. Surface sloping steeply to 1m facebanks. Dry peat at base Facebanks 35m N. of K.2. boundary drain 15m W. of that.
- (34) Southern edge of large rectangular area of cutover irregular rough edge stepping down by 2m but over a distance of 10-15m looks like peat movement/subsidence rather than facebanks. = 200/0 25m at E. end is shallow facebank 1m with shallow pools at base.
- (35) From townland boundary around rectangular cutover area to northern townland boundary (drain) N.W. of K.1. Boundary drain or facebank 1m drain at base 50cm deep with 30cm of water Northern half of this is greatly fragmented by ancient cutting. Very large pool made by W.S. along west edge of section.
- (36) From townland boundary N.W. of K.1. N.E. to 10m W. of J.1. surface sloping steeply to facebanks of 175cm high. Large pools/drain at base 1m deep with 1m of water. Water flowing towards townland boundary drain.
- (37) From 10m W. of J.1. N.E. to semi-circular cutover N.N.W. of J,O. (60m N.N.W. of J,O.).
Surface sloping moderately to facebanks of 175cm. Pools at base 1m with 50cm of water. Short fissure at edge near J.1.

- (38) Around semi-circular cutover N.E. to ramp (C.50m S.E. of I,0.). Surface sloping moderately to facebank of 50cm then drops down in steps by 2m. Drain at base 1m with 50cm of water.
- (39) From ramp N.E. to 2m N. of I,1. Sloping steeply to facebanks of 125cm. Narrow pools at base 1m deep with 50cm water. Pools drying out.
- (40) From 2m N. of I,1. E. to 1m. N. of I,2.
Sloping steeply to facebanks of 1m. Pools at base 120cm deep with 1m of water. Fissure close to edge causing slumping.
- (41) From 1m N. of I,2. E. by 60m.
Surface sloping steeply to facebank of 1m. Pools at base 1m with 80cm of water.
- (42) Facebank turning 90° between lines 2 and 3.
Surface almost level. Facebanks 150cm. Large pools at base 175 deep with 1m of water = 150/175/150.
- (43) From point south of boundary drain E. to 40m N. of I,3.
Surface sloping moderately to facebanks of 1m. Dry peat at base extending to boundary drain.
- (44) From 40m N. of I,3 E. to 30m N. of I,4.
Surface sloping slightly towards boundary drain. Low facebanks 50cm or ancient peat cuttings in parallel

sections causing ridged pattern running S. from boundary drain.

(45) From 30m N. of I,4. E. to 6m S. of I,5.

Surface sloping moderately to facebanks or ancient peat cutting of 50cm. Dry peat at base extending to boundary drain. Parallel cuttings and ridged effect along eastern end.

(46) From 6m S. of I,5 around wedge shaped area of cutover.

Sloping steeply to ancient facebanks or peat cutting. Was C. 1m now eroded and stepping gradually. Few shallow drains on cutover drying out. Dry peat, Mollinia etc. extending to boundary. Old drains linked to boundary.

(47) From N.E. edge of cutover along line I,6 to 7. Sloping

moderately to ancient peat cuttings. Only 40cm of surface peat removed. Parallel ridges with mainly dry peat extending to boundary drain. Old shallow pools drying out. Facebanks just S. of I line turning 90°N. 20m E. of I,7.

Section E. of above: Intact surface running to boundary drain C.150cm deep. Drainage spoil and Ullex along edge of drain.

- (48) From boundary drain S. along facebanks to C.40m. S.W. of I,9 sloping moderately to high facebanks of 140cm. Large deep pools at base 130cm deep with 50cm water = 140/130/50. Facebanks zig-zag just E. of townland boundary. Fissures close to edge.
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- (49) From C.40 S.W. of I,9 E. to 30m S.W. of I,10. Sloping steeply to facebanks of 120cm. Deep pools at base 120cm with 60cm of water = 120/120/60. Large fissures close to edge along western end. Facebanks roughly 15m S. of I line.
- (50) From C.30m S.W. of I,10 N. to 30m W. of H.10. Sloping steeply to facebanks of 130cm. Pools at base 130cm with 110cm of water = 130/130/110. Fissures and slumping close to edge N. end.
- (51) From 30m W. of H,10 N. to corner near G,10. Sloping steeply to facebanks of 1m. Pools at base 1m full of water.
Fissures and slumping at central and north edges.
Facebanks 10m West of line 10.
- (52) From 20m S.W. of G,10 E. to G,12. Sloping moderately to boundary drain 120cm then 80cm. Active drains on surface.
- (53) From G,12 E. by 50m. Sloping steeply to boundary drain C.120cm. Old drains on surface. Fissures east end.

(54) From 50m E. of G,12. S.E. to 25m S. of G,13. Sloping steeply to facebanks of 1m. Pools at base 50cm deep with C.30cm water = 100/50/30. Small fissures close to edge E. and W. ends. Water flowing in fissures. Facebanks C.20m S. of boundary drain.

(55) From 25m S. of G,13 S.E. to 35m N. of H,14. Sloping steeply to facebanks of 1m. Large pools at base 1m with 70cm of water = 100/100/70. Small fissure close to Eastern edge.

(56) From 35m N. of H,14 S.E. back to ramp. Sloping steeply down to facebanks of 1m. Pools at base 1m with 80cm of water. Fissure 2m from edge = 100/100/80.

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Clara East (Doory) Facebanks etc. Nov. '92.

1. From corner of old facebank C.40m south east from O,1 north east to P,0. Sloping moderately to old unused facebanks 1m high. Large pools at base 1m deep with 80cm water = 100/100/80. Few old drains on surface. Large fissure close to P,1. (N.A.T.)
2. From P,0. around active turbary plots to 40m east of S,0. (A.T.) Sloping moderately to very high active facebanks 200cm high. Large active drains at base C.1m deep with 50cm water = 200/100/50. Facebanks seriously undercut. Large fissures around edge others presently forming.
3. From 40m east of S,0. east and then south to 20m east of T.2. (A.T.) Sloping steeply to high facebanks 150cm (mainly disused) Large pools at base 150cm deep with C.1m of water. Pools beside forest now mainly dry. New turbary between T,1 and T,2. Undercutting fissures and slumping here = 150/150/100.
4. From 20m east of T,2 east along narrow raised strip to 80m (N.A.T.) E. of U,2. Sloping moderately to disused facebanks of 120cm stepping down to mainly dry peat. Few small old pools now dry = 120/0.
5. From 20m west of V,2. West along narrow strip back to P,3 (N.A.T.) Sloping steeply down a 50cm step to mainly dry peat with Uilex/Mollinia etc. Pool and small drains east end drains flowing south along edge = 50/0.

6. From P,3 north west back to 40m south east from O,1. (N.A.T.)
irregular low step of 50cm down to ancient drain or track = 50/0 (See
note 11 from Clara East).

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Clara Bog: Facebanks ect. Nov. 1992.

Recording procedure similar to that for Raheenmore Bog. Flowing water in drains = --->--->--- Diffco Turf-cutting = //// or ---

1. From N. of B.L. 6 = Intersection of Famine road and Public road East along famine road, (C.100m.) Erosion along edge of famine road due to concentrated water flow. Peat/Sphagnum eroded by 30cm leaving hummocks of Calluna = 30/0. (N.A.T.)
2. Rectangular section W. of B.L. (Baseline) 6. Ancient turbary = 30cm step then erosion and old drains.
3. Between B.L. 6 & 7 just west off road. Surface sloping steeply to low lm facebanks. Few pools of standing water at base. Old drains extending west water in pools 80cm = 100/100/80.
4. Between B.L. 7 & 8 just west off road. Surface sloping steeply to low facebanks of 60cm. Pools at base 120cm water 1m. Short fissure at S. end. Active drains in association.
5. Between B.L. 8 & S. Famine road west of Public road. Surface sloping steeply to low facebanks of C.50cm. Few pools of standing water C.1m with 80cm of water. Active drains flowing to roadside drain. Erosion N. edge of famine road. Short fissure just N. of Famine road.
6. Southern edge of Southern Famine road. Famine road 70cm above surface. Active drain 60cm deep from surface with 10cm of flowing water = 70/60/10. Erosion associated with drain.

7. From Southern Famine road to B.L. 9 just West off Public road surface sloping moderately to facebanks 1m. Few pools along base 1m deep with water 70cm. Drains extending west from roadside drain some pools relatively dry.
8. Section between B.L.9 to C.50m E. of A,10. Surface sloping moderately to 1m facebanks large pools 1m deep with 70cm of water = 100/100/70. Large active drains extending W. from roadside. Fissures close to edges of facebanks. Very large drain on 10 line extending 30m W. of A,10.
9. From 50m E. of A,10 to 30m East of A,11. Surface sloping steeply to facebanks 1m. Large pools 1m water C.70cm. A series of large active drains extend W. form roadside drain short fissures near edges = 100/100/70.
10. From 30m E. of A,11 to 40m E. of B.12. Diagonally surface sloping moderately to facebanks of 130cm. Large pools 1m deep water 80cm. Large drains flowing to roadside drain. Large fissures along Southern half.
11. From 40m E. of B.12 to 60m S. of B.12. Sloping moderately to facebank 80cm. Few pools C.80cm Mainly dried out and overgrown with vegetation. Where pools exist C.60cm water. At 60m S. of B,12 facebank then run west.
12. From 60m S. of B,12 west to old track. Surface sloping moderately to 50cm facebanks. Wide pools at bases 50cm with 30cm of water = 50/50/30.

13. Old track leading South to bog lane. Extends South 18m to drain. Pools on east side drain on west side = 50/50/40.
14. From West side of old track N. and then W. to 12m S.E. of C.12. Surface sloping moderately to facebanks C.50cm old pools linked to active drains and colonised with dry Veg. Old drains C.1m deep with Sphagnum over C.50cm of water = 100/50 Drains and 50/0 pools.
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15. From 12m S.E. of C.12 S.W. to 50m S.W. of C.12. Sloping moderately to facebanks C.60cm. Large pools 1m with 70cm of water = 60/100/70.
16. From 50m S.W. of C.12 diagonally S.W. to 4m S. of D.13. Sloping steeply to facebanks of 1m with large pools 1m deep with C.50cm of water = 100/100/50. Large fissure just N. of D.13.
17. From 4m S. of D.13 W. to 18m S.E. of E.13. Sloping steeply to facebank C.1m Pools 1m. C.70cm of water pools towards west end linked to drains associated with active turf cutting which starts here. Large fissures close to facebank south of E.13. Drains on surface.
18. From 18m S.E. of E.13 south-west to "The Brook" 30m S. of F.14. (A.T.) Surface sloping moderately to high facebanks on average 150cm. Deep drains at base 150cm with flowing water 1m. Large fissures and slumping along edge = 150/150/100 Active drains section at Brook is unusually high with facebank of C.3m.
19. From point on Brook S. at F.14 west to 65m S.S.E. of G.14. (A.T.) (Bolands). Sloping moderately to 2m facebank active drain at base 150cm with 50cm water major fissures and slumping

Banks undercut Diffco cutting on surface. Draining improved recently.

20. From 65m S.S.E. of G.14 west to 40m S. of H.14 (Ray Minnocks) Sloping moderately to high facebanks 150cm. Large active drains at base 150cm with 50cm water = 150/150/50. Fissures on surface some slumping and some banks undercut. Extensive drainage recently. Active drains on surface. (A.T.)
21. From 40m S. of H.14 S.W. to 25m E. of I,15. (A.T.)
Sloping moderately to facebank 150cm large active drains at base 150cm with 50cm water active drain on surface major fissures and slumping Banks undercut major drainage improvement recently. Diffco cuttings near edge.
22. From 25m E. of I,15 S.W. to 30m E. of I,16. (Drain) (A.T.)
Surface rising to facebanks of 150cm. Drains at base 150cm flowing water 50cm. Banks undercut major slumping along edge active drains on surface including extensive Diffco cuttings at S. end Drainage improvements continue to E. of I,16.
23. From 30m E. of I,16 to 10m E. of I,17. (Facebank) (A.T.)
sloping moderately. No facebanks Turbary spreadbanks sloping from raised surface down 2m to cutaway. Extensive Diffco cuttings separated by large active drains.
24. From 10m E. of I,17 South to C.40m W. of Ray Minnocks gate (N.A.T.)
at intersection of bog lanes. (N.A.). Sloping moderately to facebanks of 140cm only a few old drains at base with very little

water large drain on surface leading to landside drain. Multi fissures across surface.

25. From C.40m W. of Gate N.W. to S. of J.17. Surface rising (A.T.) to high facebanks 170cm. Large active drains at base 150 cm deep with 50cm water. Extensive Diffco cuttings on surface large active drains separating turbary plots.
26. From south of J.17 west to drain W. of K.18. Surface (A.T.) rising to facebanks of 150cm. Large active drains at base 150cm deep with 50cm water. Drains on surface between plots. Extensive Diffco cuttings fissures and slumping central section.
27. From drain west of K.18 west 50m to ramp. Surface rising (A.T.) to Diffco cutting/spreadbank then sloping down to cutaway near lane. Extensive Diffco cuttings and fissures on surface Fissures close to edge Banks undercut.
28. From ramp S.W. to 30m west of L,19. (Drain) surface level (A.T.) to facebanks 150cm. Active drains at base 100cm water 50cm. Extensive Diffco cuttings Banks undercut with fissures and slumping E. end. West of this plots extend to 30m N. of lane. Large active drains between plots.
29. From 30m W. of L,19 west parallel with bog lane to S.W. (A.T.) of N,19. Surface rising to facebanks 140cm active drains at base 1m deep with 50cm water. Diffco cuttings on surface small fissures close to edge. Some slumping central area. Large drains dividing plots. Old turbary plots here now being cut form edge of bog lane.

30. From C.20m S.W. of N,19 to 20m S. of O.19. Surface rising (A.T.) to 1m facebanks and mainly roadside drain. Drain C.100cm with 50cm of flowing water. Extensive Diffco cuttings on surface. Old pools on surface at central area. New cutting starting from roadside.
31. From 20 S. of O.19 west to C.40m S. of P.19. (A.T.)
Surface rising to old facebanks beside roadside drain facebanks 1m drains 1m water 50cm. Extensive Diffco cuttings across western half. Large drains between plots. New cutting at roadside.
32. From C.40m S. of P.19 west to ?m S. of Q.19 (Borehole) (A.T.) just north of bog road. Surface level to old facebanks 1m beside bog road. Pools at base 1m with 80cm water. Diffco cuttings on all except N.W. plot. New cutting starting at bog road large active drains between plots.
33. From S. of Q.19 (Beside borehole) N.W. to W. of R.18. (A.T.) Surface sloping moderately to high facebank 150cm with both large pools and drains at base. Both C.1m water 50cm flowing into roadside drains = Several active drains on surface also fissures close to edge and extensive Diffco cutting.
34. From west of R.18 N.W. to 60m W. of R.17. Surface sloping (A.T.) moderately to high facebanks 2m. Large drains at base 1m water 50cm. Some facebanks undercut. Fissures close to edge. Diffco cuttings on surface, slumping some large drains on surface.
35. From 60m west of R.17 N. to C.80m W. of R.16. Surface (A.T.) sloping steeply to high facebanks 150cm. Pools and flowing drains at

base 1m deep with C.50cm water drains between plots. Extensive Diffco cuttings and fissures near edge.

36. From 80m W. of R.16 N. to 18m south of S.15. Surface (A.T.) sloping steeply to high facebanks 150cm large drains at base 150cm with 1m water. Extensive drains and Diffco cuttings on surface major drainage improvements along drains undercutting and causing serious slumping and fissures in to N.N.R. boundary.
37. From 18m south of S.15 N.W. to 70m S. of T.14 sloping (A.T.) steeply to high facebanks 150cm. Very large drains at base 150 water 50cm. Surface drains dividing plots major drainage improvement causing serious fissures and slumping.
38. From 70m S. of T.14 to 70m W. of T.14. Surface sloping (A.T.) steeply to high facebanks 150cm with large drains at base 150cm C.50cm water. Plots divided by large drains on surface small plot of Diffco cutting Banks undercut and drainage improvement causing serious slumping.
39. From 70m W. of T.14 N. to W. of T.13. Surface sloping (A.T.) steeply to high facebanks 150cm large drains at base 150cm deep with C.50cm water. Large drains between plots on surface Banks undercut and recent drainage improvements resulting in serious fissures and slumping. This section ends at Pine trees at "Grouse Lodge" N.A.T. from here back around west and north back to car-park.
40. 80m W. of T.13 N.N.E. to W. of T.12. Surface level. Intact extending to boundary drain. Drain C.1m with 20cm of flowing water.

41. From W. of T.12 to 10m E. of T.11. Intact surface extending to boundary drain 100/10cm. Long fissure associated with drain running parallel to boundary.
42. From 10m E. of T.11 N. to 20m W. of S.10. Surface sloping moderately along S. half to boundary drain 1m deep with 20cm of water. Fissure running parallel to boundary drain. Drains on surface. N. end sloping to low facebanks 50cm maximum with pools of standing water on average 1m deep with 60cm water.
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43. From 20m west of S.10 N.E. to 65m W. of R.9. Surface sloping moderately to low facebanks 50cm. Pools at base 1m with water 80cm. Small drains on surface dividing ancient turbarry plots. Non active turbarry since T.13.
44. From 65m W. of R.9 N.E. to 30m W. of R.8. Sloping moderately to low facebanks 50cm pools at base C.50cm deep with very little water C.20cm in some pools. Two active drains east of facebanks one large one 7m W. of R8. Fissure between drains.
45. From 30m W. of R. 8 N.E. to 30m E. of R,7. Sloping moderately to 1m facebanks pools at base 1m water 80cm. Large rectangular area of cutover with active drains old cart-track leading to road.
46. From 30m E. of R.7 N.E. to 40m E. of Q.6. Sloping moderately to low facebanks 60cm with pools of 1m containing 70cm water. Some pools relatively dry 1 colonised with sphagnum etc. Few facebanks up to 1m N.E. end.

47. From 40m east of Q.6 northeast to 50m north of P.6. Sloping moderately to low facebanks 60cm pools mainly dried out some containing 70cm water = 60/100/70. Active drains and lockspits marking turbary plot.
48. From 50 north of P.6 to 2m west of N4. sloping moderately to very shallow cutover. Only C.30cm of surface once removed creating peculiar ridged effect. This area slopes to boundary drain. No pools few small drains.
49. From 2m west of N4. east to 60m N.N.E. of L5. (corner of second field). At first field surface sloping slightly to drain along field lm (old and overgrown). Between fields very low cutover 40cm steps down to relatively dry peat no pools. Drain between fields and possibly a fissure running along drain.
50. From corner of second field 60m N.N.E. of L5. around second field system to 85m N.N.W. of J5. Surface sloping slightly to lm drain with 30cm water around field system. Series of very shallow surface drains S. of central field. Large drain S. of E. end.
51. From E. edge of field 85m N.N.W. of L5 E. to 18m N. of I,4. Sloping moderately to low facebank 50cm with pools at base 100 C.70cm of water. Series of deep lm + drains running N/S.
52. From 18m N. of I,4 E. to W. corner of field 22m N.W. of H4. Sloping moderately to shallow cutaway step of C.30cm. No pools mainly dry peat sloping to boundary drain.

53. From W. corner of field 22m N.W. of H4. E. to pool 35m N. of G3. Section S of field surface runs to boundary drain 1m deep with 70cm water section between fields = 30/0 shallow step section S of next field system. Very fragmented large drains and pools south of field on a verae 1m water 70cm.

54. From pool 35m N. of G3 N.E. to 3m E. of F,1. Surface sloping moderately to system of 1m drain with small drains flowing N. from that no signs of turf cutting but drains create ridged effect. 80cm water in main drain = 100/80.

55. From drain 3m E. of F1 N.E. to fence 25m W. of D,O. Surface sloping moderately to ancient cutover. 40cm step sometime to 50cm pools sometimes to peat water in pools 40cm. Shallow drains causing ridged effect west of field.

56. From 25m west of D.O around fields to C,O. Surface sloping moderately to 1m drains around fields new active drains with C.30cm flowing water square area extreme east is cutover rather than field.

57. From C,O. E. to B.O.
Sloping moderately to ancient cutover creating step of C.30cm C.30m south of drain. Parallel shallow drains creating ridged effect. Ancient cutover sloping into boundary drain 150cm deep with 30cm water.

58. From B,O. to A.O.
Surface sloping moderately to ancient cutover step of C.30cm C.20m

from boundary drain. Shallow cuttings and drains creating ridged effect one active drain diagonal to boundary. Large active drain east end ridges etc. slope to boundary drain 150cm water C.30cm.

59. From A,0. east to roadside drain then south along roadside drain to baseline 1 (north east corner of Clara West). Surface sloping steeply to boundary drain 1m deep along north edge water 40cm, along roadside water 90cm. Surface very irregular here with large isolated tufts of Calluna and Mollinia, probably due to erosion = 30/0. (step).
60. Along roadside drain from west of B.L 1 to 35m east of A,3. Sloping steeply to 40cm step created by ancient cuttings. Active drains flowing to roadside drain.
61. From 35m east of A,3 south to C.60m east of A,4. Sloping steeply step 50cm created by ancient turf-cutting. Running water at either side of northern "famine road" causing some erosion. Active drains flowing to roadside drain.
62. From 60m east of A,4 south to A,6 and central "famine road". Sloping steeply to 50cm step created by ancient turf-cutting. Active drains just north of central famine road. Drains 130cm with 1m water. Flowing water causing erosion on either side of famine road.

A\SON\BRAYWILD

Clara Bog (East) Facebanks etc. Nov. 1992.

1. From car-park north between B.L. 6 and B.L. 0 just east (N.A.T.)
of public road. Surface sloping steeply to mainly a 50cm step created
by ancient turf-cutting. Only a few shallow pools otherwise cutover
sloping to roadside drain. Active drains E/W to roadside drains (as
per map). Area just south of car-park has low facebanks with pools.
2. From corner south east of B.L. 0 east along boundary drain to A.O.
Surface sloping very steeply to boundary drain 160cm deep with 80cm
flowing water. B.N.M. ditches every 15m throughout east property.
3. From A,O. east along boundary to B.O. (A.T.)
sloping steeply to facebanks 130cm high active turbary and large
flowing drain 1m deep with 60cm water. Fissures and slumping at
turbary. Easterly 40m. Surface sloping to boundary drain (N.A.T.)
from here.
4. From B,O. along boundary drain to 90° bends at C,O. (N.A.T.)
Surface sloping steeply to boundary drain except small section west
of double 90° bends where old 1m facebanks old pools at base of these
but mainly dried out by boundary drain.
5. From bend 50m south of C,O. east along boundary to 40m south of E,O.
Sloping moderately to 1m facebank. Only a few pools at base 70cm with
C.60cm water old pools mainly dried out by boundary drain.

6. From 40m south of E,0. east to 5m north of H,1. Sloping moderately to old facebanks 1m high with pools at base of C.1m. Most pools C.80cm water some relatively dry. Small fissures close to edge.
7. From 5m north of H,1 east to 25m north of J,1. Sloping moderately to old facebanks 50cm with 1m pools at base some pools relatively dry most with 80cm water. Few small fissures close to edge.
8. From 25m north of J,1 north east then turning south east to K,1. Sloping moderately to old facebanks 1m with pools at base 1m deep with C.80cm water. Extensive fissures on the point of raised surface some old drains also present.
9. From K,1 east to 6m south of M,2. Sloping moderately to old facebanks of 1m. Large pools at base 1m water level 80cm = 100/100/80. Small fissures close to edge.
10. From 6m south of M,2 around south end of gorse clad commonage to 32m north of N,3. Surface almost level to low facebanks of 60cm. Large pools at base 150cm deep with 130cm water = 60/150/130.
11. From 32m north of N,3 to 20m west of P,3. Sloping moderately to a step of C.40cm. May be ancient cutting but sloping down to large drains running as per map and also form 10m west of P,3 north west to just north of O,2. This feature may not be a dug drain but a track eroding into a channel = 40/0.
12. From 20m west of P,3 to 3m east of P,4. Sloping moderately to 40cm step down to drain or track after C.50m to obvious ancient facebank

of 60cm with pools of 80cm with water C.60cm = 60/80/60. Very large drain 15m west of P. Line.

13. From 3m east of P.4 south to 10m east of P.6. Surface sloping moderately to 1m facebanks. Large pools at base C.120cm deep water C.100cm. Small fissures close to edge large drain west of P.Line.

14. From 10m east of P.6. south to 70m east of O,7. Sloping moderately to old facebanks 1m high with large pools C.120cm water level C.100cm just south of P.6. Facebanks/cutover extends across old drainage system flowing to boundary drain.

15. From 70m east of O,7. south to P,9. Sloping moderately to old facebanks C.150cm high large drain made at base of facebanks C.1m deep with 50cm water. This drain runs south and then west around P,9. Large drain west of line 9 ending just west of P,9.

16. From P,9 west to bridge and intersection of drains 40m south of M,10. Surface sloping very steeply firstly to Juncus/Betula flushes and on to boundary drains. Line on map represents transition zone Boundary drains 2m deep with 80cm water. Diffco cuttings on surface and extensively across old field on corner. Large boundary drains made by BNM in 1984? Other very large drains infield by BNM in '86 (Location indicated on map).

17. From bridge 40m south of M,10 west along boundary to end of turbary plots 25m south west from K,12. (Active turbary area). Beside bridge : surface sloping steeply to high undercut facebanks 2m with large drains at base 1m with 80cm water. West of this: surface sloping

steeply to old facebanks of 150cm Old pools at base 150cm with 80cm water. Cutover then steps down to boundary drain = 150/150/80. Large fissures and major slumping throughout this area. Very extensive Diffco cuttings extending beyond turbary plots.

18. From corner of turbary plot 25m south west of K,12 southwest to NNR. boundary 30m south west from J,13. Surface sloping moderately to facebanks of 160cm. Pools and drains of base pools C.1m with 80cm water = 160/100/80 Active turbary south west to NNR. boundary. Large active drains on surface both sides of ancient track all drains and pools draining into main drain south of boundary. Fissures on surface.
19. From NNR boundary 30m south west of J,13 south west to 30m NW. of I,15 Sloping moderately to old facebanks of 1m Pools of standing water at base 1m deep with C.70cm water = 100/100/70. Small fissures close to edge N.A.T. to drain 30m north of I,16.
20. From 30m NW. of I,15 south west form resumption of A.T. to, 30m south of H,16. Sloping steeply to active facebanks of 160cm large drains at base 1m deep with 50cm water. Small south west corner non active. New drains on cutover. Fissures extensive on east end with serious slumping.
21. From 30 south of H,16 south west to 30m south west (N.A.T.) from H,17. Sloping moderately to old facebanks (N.A.) 160cm high. Pools at base C.1m deep with 70cm water. Small fissures close to edge.

22. From new drain and start of active turbary C.30 south west of H,17.
S.E. to 65m. S. of G.17.

Surface sloping moderately to very high vertical facebanks (Active)
200cm. with large recently improved drainage at base 150cm. Water in
drain 20cm. Major drainage and turbary development on cutover. Some
drains exposing till etc. Small fissures and slumping but large
fissures will develop here. Small active drain on surface =
200/150/20.

(23) From 65m. S. of G.17 S.W. to corner at F.19.

Sloping moderately to old facebanks 140cm. high. Pools of standing
water at base 1m. with 80cm. water. Townland boundary drain on
surface. Fissures close to edge. Very large fissure along drain from
F.18 S.W. towards forest. Area presently under turbary development.
Small area of Diffco cutting on surface = 140/100/80.

(24) From corner near F.19 around S.W. end to Townland boundary c. 50m.
S.E. of E,19. = 200/100/80.

Sloping moderately to high facebanks 2m. Large pools at base 1m. deep
with 80cm. water. East side under turbary development and large drain
at base complete surface scarred with Diffco cuttings along with large
active drains.

(25) From Townland boundary (No grid pegs) N. along turbary plots.

East of forest. to 10m. E. of E,16.

Surface sloping moderately to active facebanks C.120cm high. Drains
at base C.1m deep with 40cm water = 120/100/40. Extensive Diffco
cuttings on surface along with extensive slumping. Small drains
dividing turbary plots.

- (26) From 10m E. of E,16. around mound with pine-stumps to 30m W. of F,15. Sloping moderately to active facebanks 120cm. Drains at base 1m. Water 30cm = 120/100/30. Extensive Diffco cuttings, slumping at edges and fissures.
- (27) From 30m W. of F.15 N.W. to 53m south of D.13. Surface sloping steeply to high facebanks 160cm. Large active drains at base C.1m deep with 50cm water = 160/100/50. Facebanks undercut Extensive Diffco cuttings and fissures on surface serious slumping large drains at base very active.
- (28) From 53m south of D.13 N.W. to 10m W. of C,13. Surface sloping steeply to high facebanks of 160cm. Large active drains at base 1m. deep with 80cm water = 160/100/80. Extensive Diffco cuttings on surface N.W. end short deep fissures close to edge small drains dividing turbary plots.
- (29) From 10m W. of C,13 N.W. to 30m. W.S.W. from B,11. Surface sloping steeply to facebanks C.1m high Drains at base C.1m deep with 50cm water = 100/100/50. Large surface drain, (see map). S.E. end has system of large drains associated with Diffco cuttings area where C.50cm peat removed from surface. Throughout area extensive Diffco cuttings small fissures close to edge some slumping especially at N.W. corner.
- (30) From 30m W.S.W. from B,11 around non-active plots with Betula to turbary plots N. of forest path 18m N.E. from A,11. (N.A.T.) Surface sloping steeply to ancient facebanks 1m. stepping down to old dried-out pools now mainly dry peat. Surface in this section

destroyed by old drainage system as per map and major fissures and slumping associated with these.

- (31) From turbarry plot 18m N.E. from A,11 N. to end of active turbarry 60m S.E. of A,10. (A.T.)

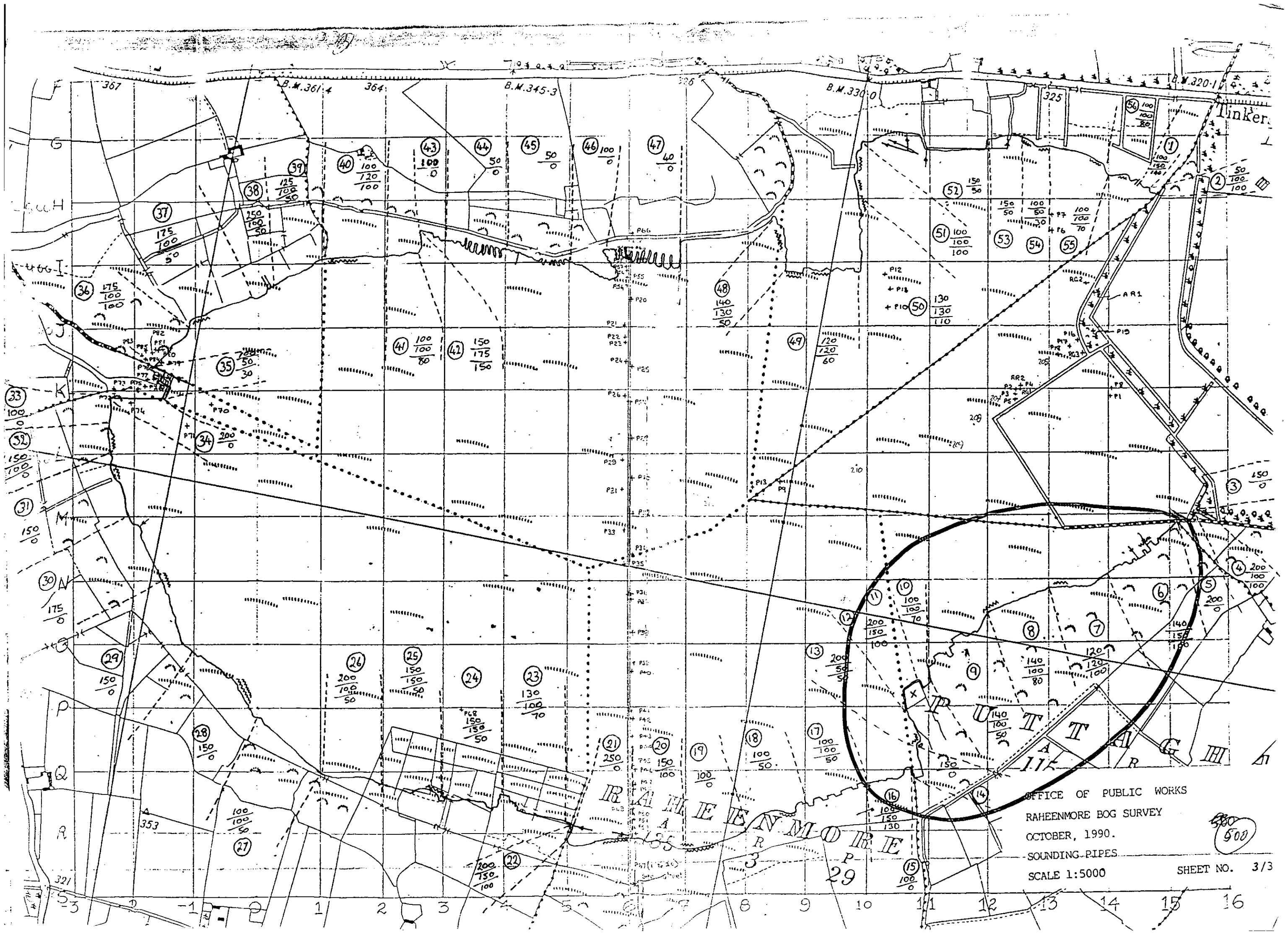
Sloping steeply to lm facebanks. Large drains at base 150cm deep with 50cm running water = 100/150/50. Large old drainage system on surface. Extensive Diffco cuttings, fissures and slumping of edges.

- (32) From S.E. of A,10 N. to 70m W. of A,9. (N.A.T.)

Surface sloping steeply to old unused facebanks 50cm high stepping down to dry peat. Then surface slopes to boundary drain at site of B.N.M. "Silt pond" infilled in '87. Low facebanks resume in N. half two steps of 50cm down to roadside drain. Old pools mainly dry Note Large drain 30m W. of A line also infilled in '87. Silt Pond = SP.

- (33) From 70m W. of A,9 N. to 50m N. of B.L.6 (Car Park).

Surface sloping steeply to low old facebanks of C.50cm. Old pools at base some dry some with C.50cm water = 50/100/50. Some ancient facebanks levelled during infilling of large B.N.M. drain 35m W. of A. Line. Several active drains on surface as per map. Large fissures N. of A,9. Some cutting of turf from N. and E. sides have also created a complex shelving pattern.



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 RAHEENMORE BOG SURVEY
 OCTOBER, 1990.
 SOUNDING-PIPES
 SCALE 1:5000

SHEET NO. 3/3

500

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