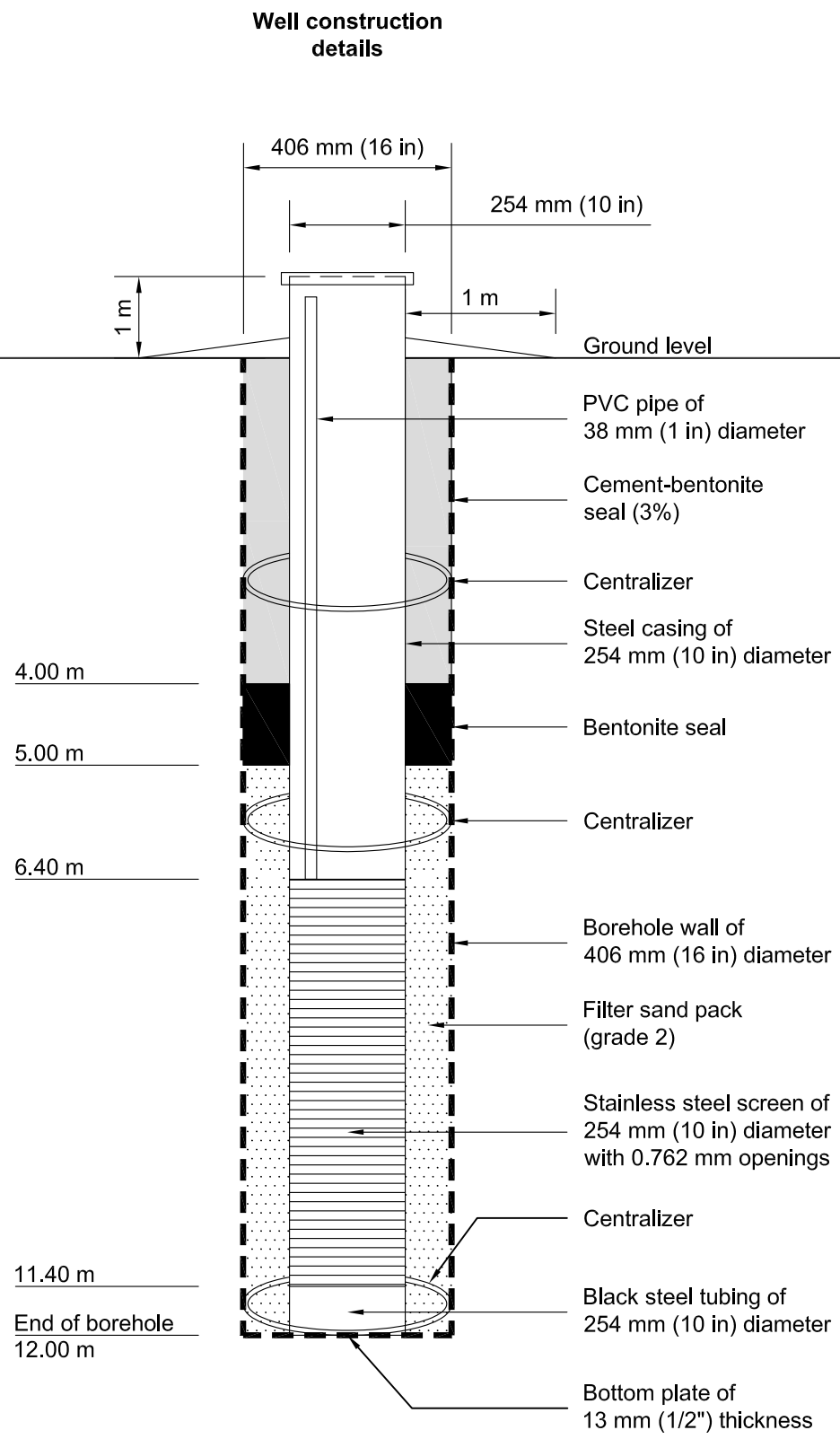
Depth (m)	Elevation (m) Depth (m)	Geological and environmental description
	172.20	Ground level (approx.)
0 – 11.40	0.00 – 160.20	Fine to medium sand, becoming fine sand with alternating silty horizons at the base (see note for stratigraphy details).
11.40 – 12.00	160.20 – 160.20	Clayey silt, alternating with silty sand.
12.00	12.00	End of borehole: 12.00 m



Notes:- Water level depth is approximately 3.5 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

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Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F1a

Défense nationale National Defence

TechnoRem

TechnoRem Inc.

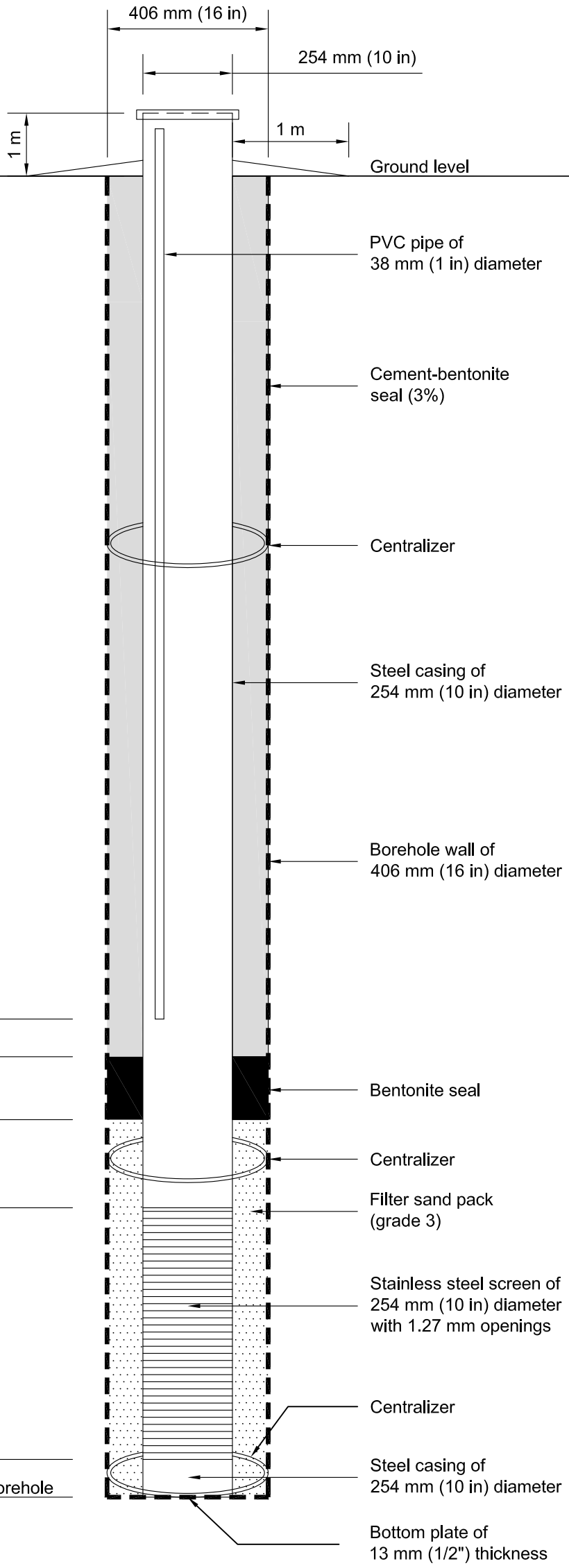
Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected pumping well PPE-1 (East Area)

Plan: 1a

Depth (m)	Elevation (m) Depth (m)	Geological and environmental descrIptIon
	171.2	Ground level (approx.)
0	0.00	Fine to medium sand, becoming fine sand with alternating silty horizons at the base (see note for stratigraphy details).
11	159.8	
	11.40	Clayey silt, alternating with silty sand.
15	156.2	
	15.00	Fine sand, becoming fine to medium sand.
20	150.8	
	20.40	Diamicton.
21	150.2	
	21.00	End of borehole: 21.00 m

Well construction details



Notes:- Water level depth is approximately 3.5 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

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Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F1b

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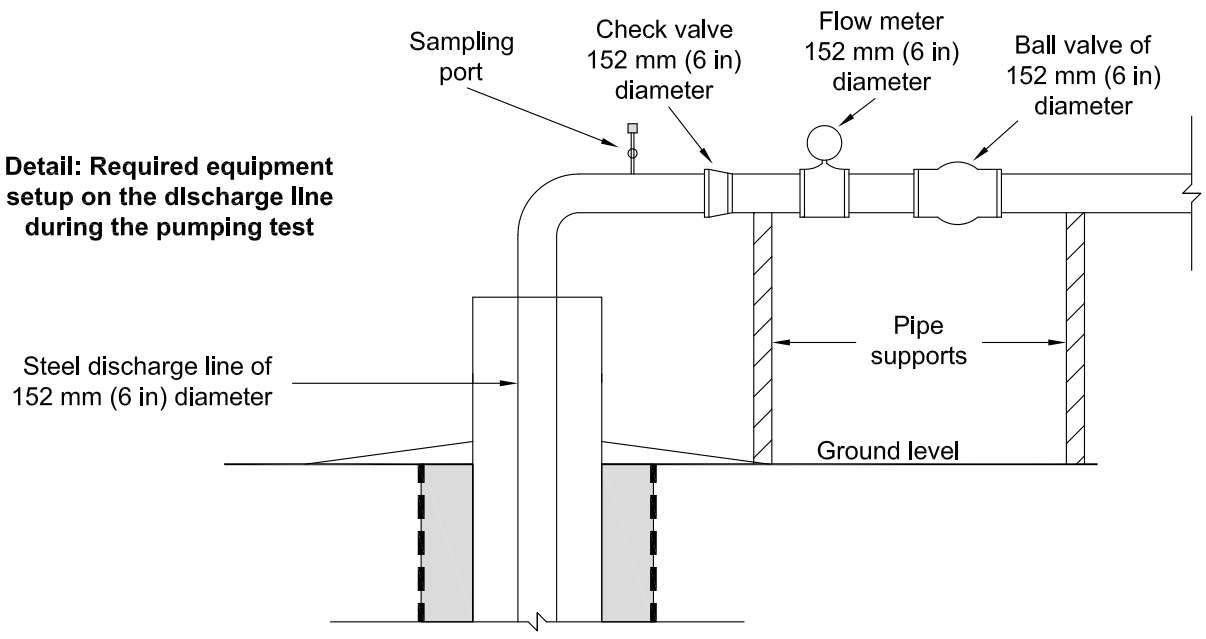
Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected pumping well PPE-2 (East Area)

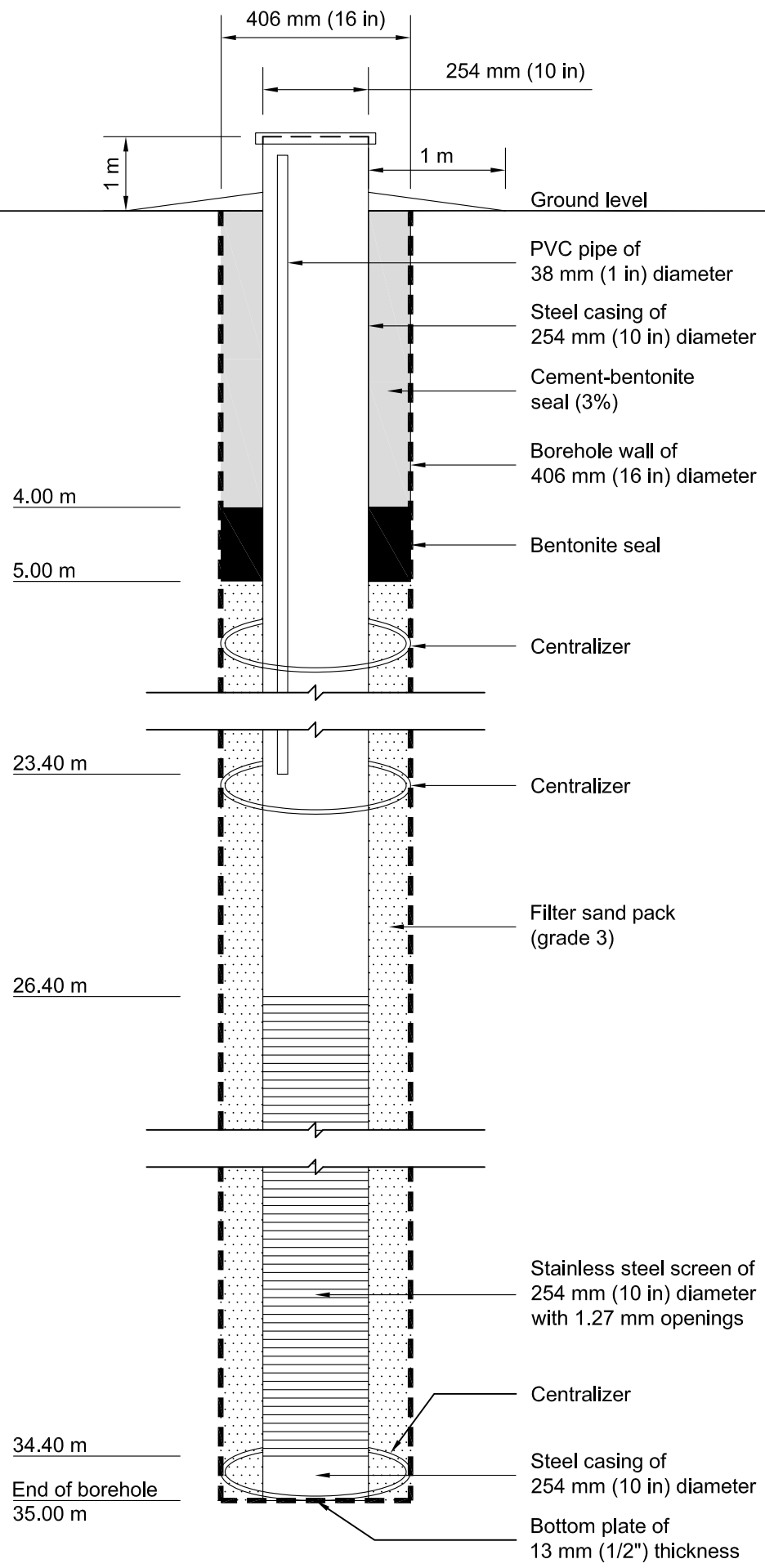
Plan: 1b



Detail: Required equipment setup on the discharge line during the pumping test

Depth (m)	Elevation (m) / Depth (m)	Geological and environmental description
	175.68	Ground level (approx.)
	0.00	Fine to coarse sand (see note for stratigraphy details).
	141.28	
	34.40	Diamicton.
	140.68	
	35.00	End of borehole: 35.00 m

Well construction details



Notes:- Water level depth is approximately 8 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

CONFIDENTIAL AND PRIVILEGED

Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F1c

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TechnoRem

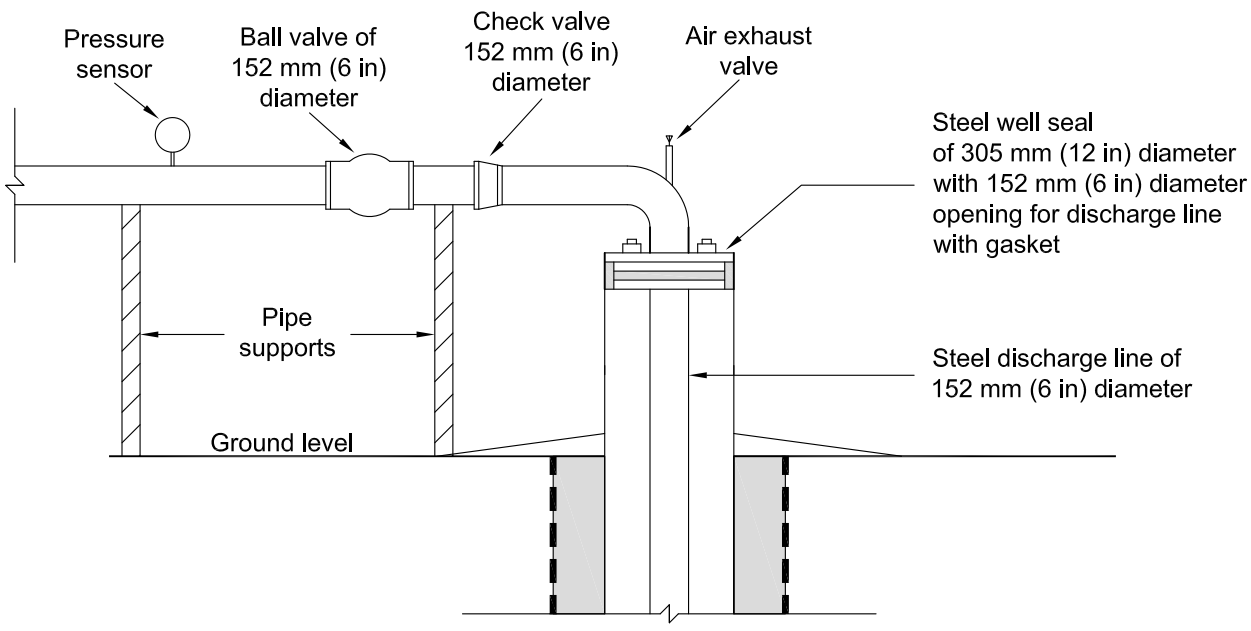
TechnoRem Inc.

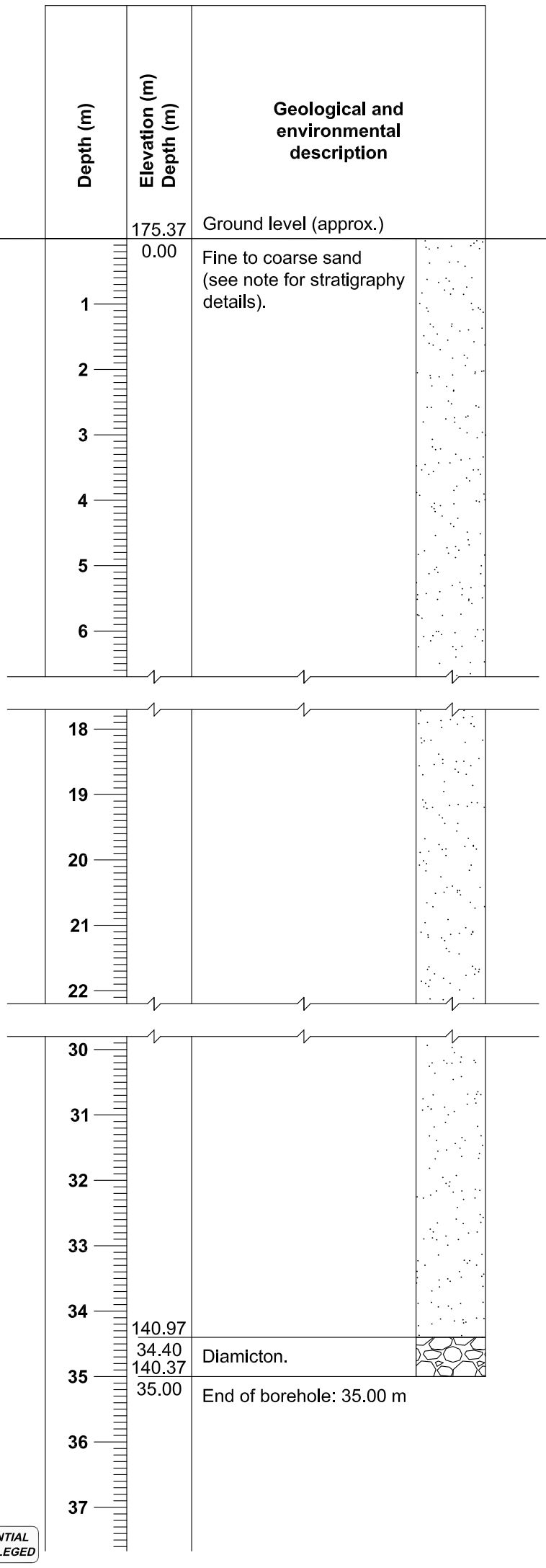
Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected pumping well PPO-1 (West Area)

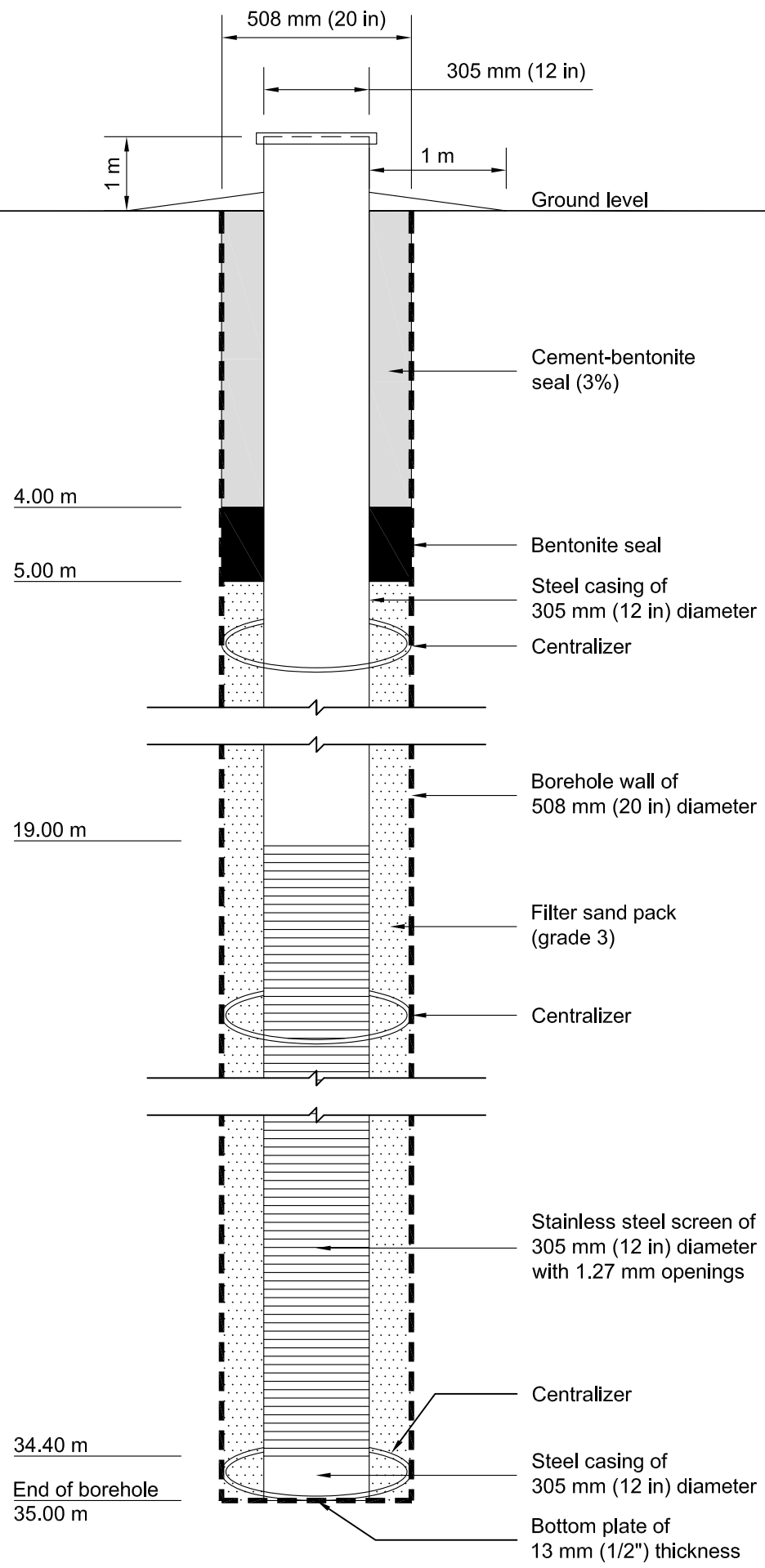
Plan: 1c

Detail: Required equipment setup on the discharge line during the pumping test





Well construction details



Notes:- Water level depth is approximately 8.5 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

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Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F2

Défense nationale National Defence

TechnoRem

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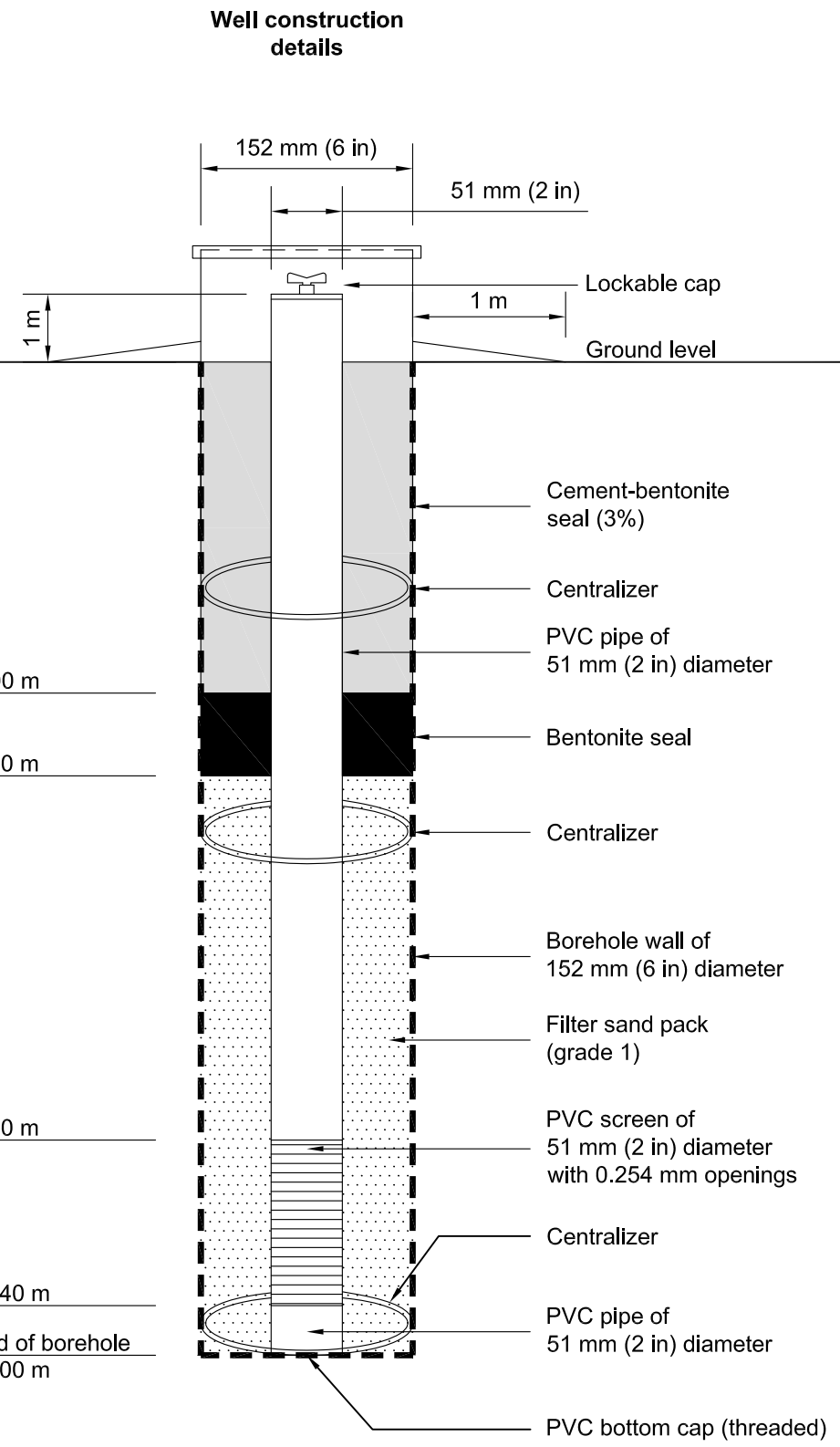
Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected injection well PI-9 (West Area)

Plan: 2

Depth (m)	Elevation (m) Depth (m)	Geological and environmental description
	172.09	Ground level (approx.)
0 – 11.40	0.00 – 160.69	Fine to medium sand, becoming fine sand with alternating silty horizons at the base (see note for stratigraphy details).
11.40 – 12.00	160.69 – 160.09	Clayey silt, alternating with silty sand.
12.00	160.09	End of borehole: 12.00 m



Notes:- Water level depth is approximately 3.5 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

CONFIDENTIAL AND PRIVILEGED

Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F3a

Défense nationale National Defence

TechnoRem

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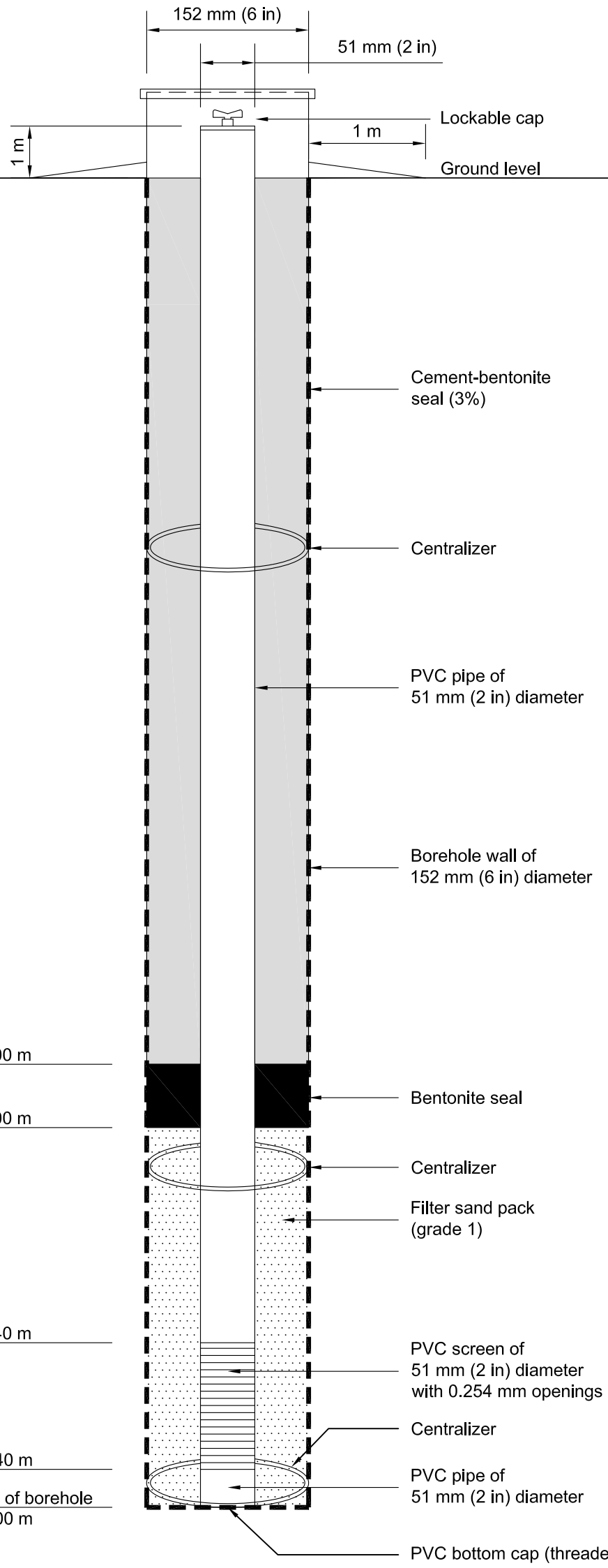
Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected observation wells PO-803 and PO-804 into the upper unconfined aquifer (East Area)

Plan: 3a

Depth (m)	Elevation (m) Depth (m)	Geological and environmental description
	171.30	Ground level (approx.)
0	0.00	Fine to medium sand, becoming fine sand with alternating silty horizons at the base (see note for stratigraphy details).
11	159.90	
	11.40	Clayey silt, alternating with silty sand.
15	156.30	
	15.00	Fine sand, becoming fine to medium sand.
21	150.90	
	20.40	Diamicton.
	150.30	
	21.00	End of borehole: 21.00 m

Well construction details



Notes:- Water level depth is approximately 3.5 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

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Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F3b

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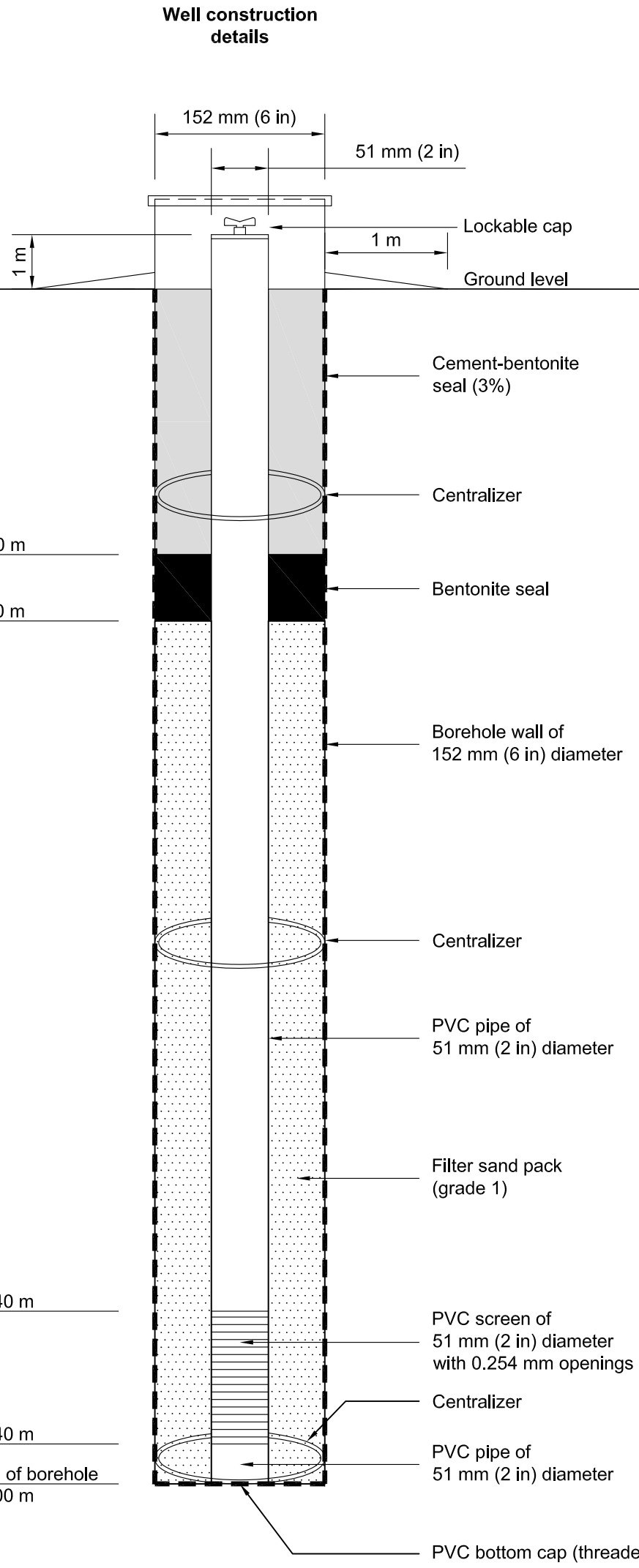
TechnoRem Inc.

Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected observation well PO-805 into the semi-confined aquifer (East Area)

Plan: 3b

Depth (m)	Elevation (m) Depth (m)	Geological and environmental description
	175.00	Ground level (approx.)
	0.00	Fine to coarse sand (see note for stratigraphy details).
	157.00	
	18.00	End of borehole: 18.00 m



Notes:- Water level depth is approximately 7.9 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

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Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F3c

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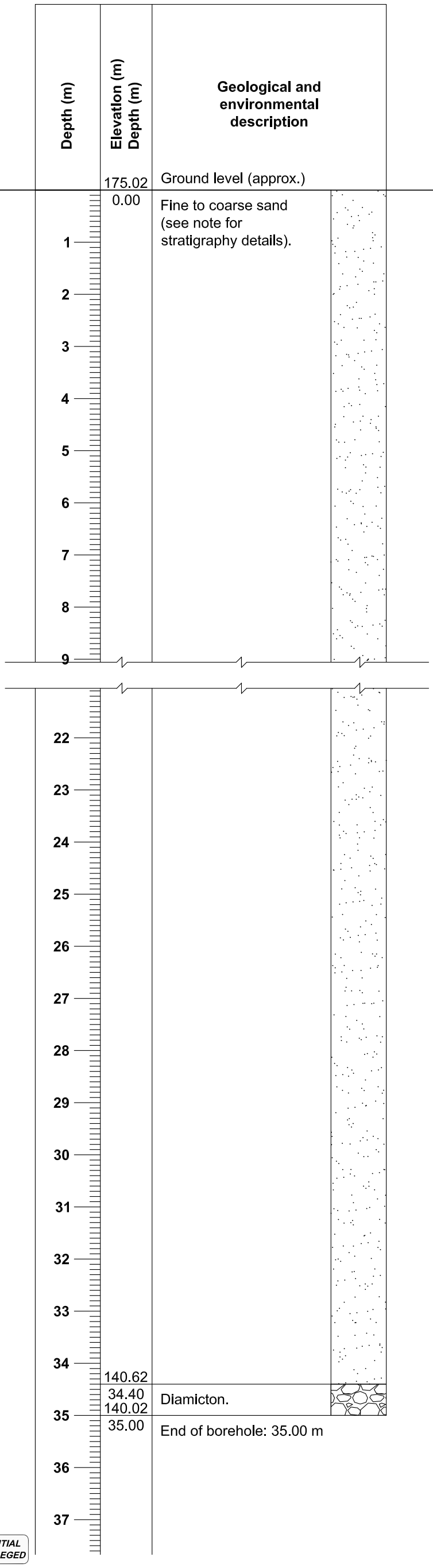
Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

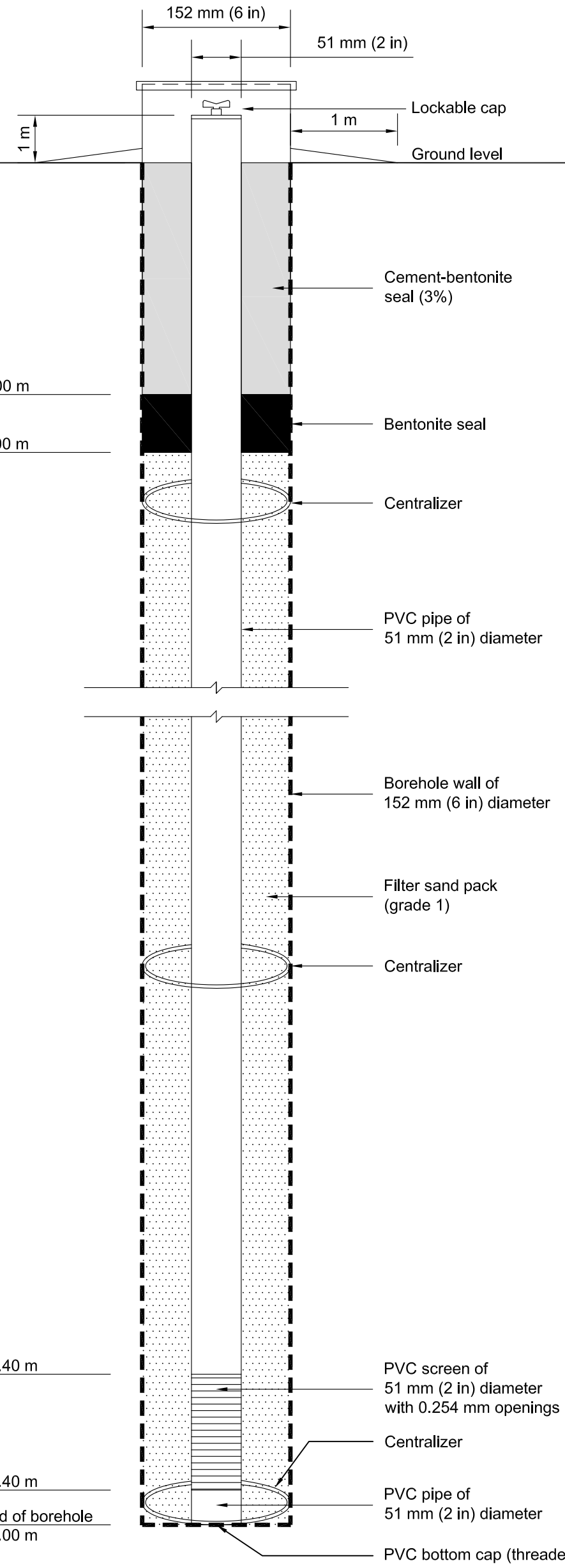
Diagram for projected observation well PO-801 into the regional unconfined aquifer (West Area, upper part)

Plan: 3c

Depth (m)	Elevation (m) Depth (m)	Geological and environmental description
	175.02	Ground level (approx.)
	0.00	Fine to coarse sand (see note for stratigraphy details).
	140.62	
	34.40	Diamicton.
	140.02	
	35.00	End of borehole: 35.00 m



Well construction details



Notes:- Water level depth is approximately 8 m from ground level.
- Geological description is approximate; see borehole logs in the appendix for the stratigraphy observed in nearby wells.

CONFIDENTIAL AND PRIVILEGED

Date: 2022-07-19	Drawn by: A.Gallant
Format: (11" x 17") / (279 x 432 mm)	Planned by: M.-A.Carrier, ing.
Scale: None	Approuved by: J.M.Lauzon, ing.
Project no.: PR16-91	Drawing no.: 1691_F3d

Défense nationale National Defence

TechnoRem

TechnoRem Inc.

Drilling and installation of three (3) pumping wells, one (1) injection well and pumping tests

Diagram for projected observation wells PO-799, PO-800 and PO-802 into the regional unconfined aquifer (West Area, lower part)

Plan: 3d