



Supplement of

Discovery and characterization of submarine groundwater discharge in the Siberian Arctic seas: a case study in the Buor-Khaya Gulf, Laptev Sea

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Supplement Table S1

Resistivity in the bottom sediments in the wider Lena Delta area.

| TEM stations | Latitude °N | Longitude °E | Thickness (m) | Resistivity (Ω m) |
|---------------------|--------------------|---------------------|----------------------|--------------------------|
| 1 | 71 40.807 | 129 46.942 | 2(Ice) | 200 |
| | | | 6,5 | 0,67 |
| | | | 35,8 | 2 |
| | | | >570 | 71 |
| | | | - | 2 |
| | | | | |
| 2 | 71 48.000 | 130 1.0002 | 2(Ice) | 200 |
| | | | 5,76 | 1,1 |
| | | | 52,5 | 8,33 |
| | | | 110 | 3,4 |
| | | | - | >350 |
| 3 | 71 47.584 | 130 3.260 | 2(Ice) | 200 |
| | | | 11,6 | 0,95 |
| | | | 46,4 | 1,97 |
| | | | 727 | 80 |
| | | | - | 4 |
| 4 | 71 40.5474 | 130 7.8775 | 2 (Ice) | 200 |
| | | | 9,55 | 1 |
| | | | 19 | 1,7 |
| | | | 805 | 45 |
| | | | - | 2 |