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| Table S1: ANCOVA results for select water chemistry variables in Yellowknife lakes contrasting bedrock categories with distance to roaster stack as covariant. Bolded p-values indicate significant p<0.01. Bedrock categories: YBF=Yellowknife Bay Formation; SED=sedimentary metaturbidite; Gran=granodiorite east (E) and west (W) | | | | | | | |
| Dependent Variable | Bedrock summary statistics | | Estimated marginal mean concentration, calculated at distance = 2.4 km, grouped by bedrock category | | | | |
| F | p | YBF | SED | GranE | GranW | Units |
| As | 9.39 | **4.4E-04** | 12.18 | 6.55 | 6.49 | 29.67 | ug/L |
| Sb | 6.92 | **2.2E-03** | 0.63 | 0.37 | 0.28 | 0.61 | ug/L |
| SO4 | 6.06 | **4.2E-03** | 34.22 | 5.20 | 0.74 | 0.72 | ug/L |
| MeHg | 0.19 | 9.0E-01 | 0.15 | 0.13 | 0.10 | 0.16 | ng/L |
| THg | 0.46 | 4.6E-01 | 1.25 | 1.17 | 1.47 | 0.97 | ng/L |