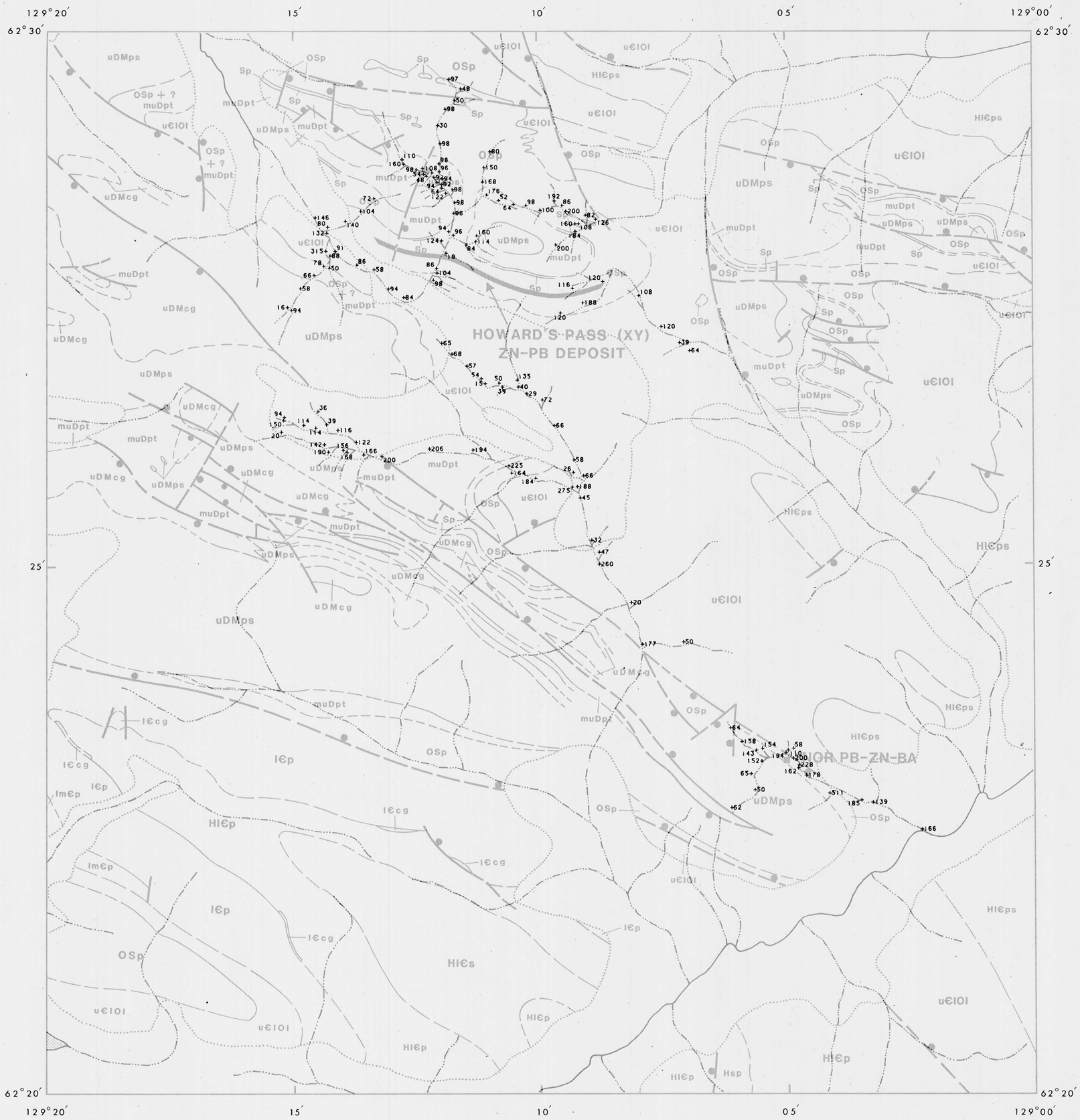
GEOLOGICAL SURVEY OF CANADA — COMMISSION GÉOLOGIQUE DU CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES
MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES



NICKEL

Parts per million in stream sediments

1 0 1 2 3 Miles

1000 500 0 1000 2000 3000 4000 Metres

LEGEND

DEVONIAN

- **uDMcg** — Grey weathering, resistant, thin- to very thick-bedded, massive, chert pebble conglomerate and medium- to coarse-grained, light- to dark-grey, chert-quartz arenite and wacke; minor brown weathering, blue-grey to black shale, siltstone, and slate
- **uDMps** — Brown weathering, recessive, thin bedded, laminated, blue-grey to black shale, siltstone, and slate; minor grey-brown weathering, thin- to medium-bedded, fine- to medium-grained, chert-quartz arenite and wacke
- **muDpt** — Black, gun-blue or silvery white weathering, thin bedded, siliceous, black shale, chert, and slate; merges with muDt to southwest by increase in proportion of chert

ORDOVICIAN SILURIAN

- **Sp** — Orange weathering, resistant, thick bedded, dolomitic, silty, grey mudstone characterized by discontinuous wispy black lamination and locally by abundant small pyrite cubes
- **OSp** — Black, gun-blue or silvery white weathering, recessive, black slate; minor thin interbeds of finely crystalline, black limestone and black chert

CAMBRIAN

- **uЄlOl** — White to buff weathering, laminated or thin bedded, finely crystalline, blue-grey limestone; includes in upper part northeast of Howard's Pass, thin bedded, finely crystalline, nodular, silty limestone; local thin bedded to massive, pale green, lapilli tuff
- **lmЄp** — Tan weathering, resistant, medium bedded, variably calcareous and dolmitic, blue-grey siltstone and mudstone; parallel lamination in grey to black disrupted to discontinuous wispy lamination
- **lЄp** — Brown to orange brown weathering, recessive, thin bedded, blue-grey slate and siltstone; minor fine grained subarkose to quartz arenite
- **lЄcg** — Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline limestone conglomerate clasts include fine grained blue-grey limestone, oolitic limestone, and arche ocyatha; matrix is orange to grey weathering, fine grained, locally sandy limestone

HADRYNIAN & CAMBRIAN

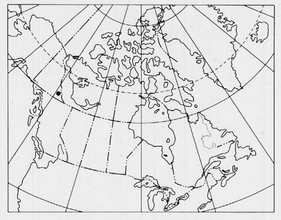
- **HlЄps** — Dark brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenite and/or subarkose; slate; southwest of South Nahanni River - dark brown weathering, pale green to blue-grey slate and siltstone, and minor greenish grey, very fine grained, quartz sandstone
- **HlЄp** — Maroon, purple or green weathering, recessive slate, thin bedded or laminated in like colours; minor thin intervals of thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate
- **HlЄs** — Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate

HADRYNIAN

- **Hsp** — Grey to brown weathering, thin- to thick-bedded, coarse grained, calcareous, grey quartz arenite and subarkose; quartz pebble conglomerate; brown to pale green slate; minor thin bedded grey or white finely crystalline limestone; sandstone contains conspicuous blue quartz, minor plagioclase and orthoclase

SYMBOLS

- Fault (known, assumed)
- Geological Contact (known, assumed)
- Contact with Quaternary deposits
- 20..... Nickel (ppm) in stream sediments



INDEX MAP—LIEU DE LA CARTE

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GEOLOGICAL SURVEY
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OTTAWA

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