North American Datum 1983

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Système de référence géodésique nord-américain, 1983

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Magnetic declination 2009, 17°54'E, decreasing 13.8' annually

Elevations in metres above mean sea level

NOTE: In areas where the surficial cover forms a complex pattern, the area is coloured according to the dominant unit and labelled in descending order of cover (e.g. O-Tr). Where buried aggregate deposits (sand and gravel - commonly associated with Gt or Gd surficial units) are known, or suspected, areas are coloured according to the overlying unit and labelled in the following manner:

NONGLACIAL ENVIRONMENTS

ORGANIC DEPOSITS: Fen peat; 1 to 3 m thick on average; peat derived from O sedges and partially decayed shrubs in a eutrophic environment; the plant material is

COLLUVIAL DEPOSITS: diamicton and rubble; poorly sorted, massive to stratified debris deposited by

Landslide and slump debris: diamicton, generally 1 to 10 m thick, but may exceed 10 m near the toe of large landslides; hummocky topography; includes active and

Colluvial veneer: thin and discontinuous cover of slumped and/or soliflucted material

Talus (scree): accumulation of angular boulders below cliffs; 1 to 10 m thick or more;

ALLUVIAL DEPOSITS: sorted gravel, sand, minor silt, and organic detritus deposited by streams;

Ap Floodplain deposits: sorted gravel, sand, silt, and organic detritus >1 m thick; forming active floodplains close to river level with meander channels and scroll marks.

Fluvial terrace deposits: >2 m thick; forming inactive terraces above modern floodplain; represents a potential aggregate source.

Alluvial fan deposits: poorly sorted gravel and sand >1 m thick; occur where a stream issues from a narrow valley onto a plain or valley floor.

Undifferentiated fluvial deposits: undivided floodplain, fluvial terrace, and alluvial fan

NONGLACIAL AND PROGLACIAL ENVIRONMENTS

EOLIAN DEPOSITS: medium to fine sand, wind-deposited; derived from deltaic or glaciolacustrine deposits; in some areas eolian sediments are thin or absent between dunes.

PROGLACIAL AND GLACIAL ENVIRONMENTS

GLACIOLACUSTRINE DEPOSITS: fine sand, silt, and clay, with minor debris-flow diamicton, deposited in glacier-dammed lakes in valleys and along the margin of the retreating Cordilleran

Lb Glaciolacustrine blanket: >1 m thick; obscurs topography of underlying units.

GLACIOFLUVIAL DEPOSITS: well to poorly stratified sand and gravel; minor diamicton; deposited behind, at, or in front of the ice margin by glacial meltwater; represents a potential aggregate source.

topography relating to melting of underlying ice.

Ice-contact stratified deposits with kettles: same as Gih, but the surface is marked

Esker deposits: 1 to >20 m thick; forming ridges.

Kame terrace deposits: 1 to 10 m thick; generally forming flat unpaired terraces on

TILL: diamicton deposited directly by Cordilleran glaciers; sandy to clayey matrix with striated clasts of

Till blanket: >1 m thick, continuous till cover forming undulating topography that

Streamlined and fluted till: >1 m thick, till surface marked by streamlined landforms

R Bedrock outcrop: continuous bedrock outcrop; can include pockets of till or colluvium rarely exceeding 2 m thickness.

, (
Debris flow
andslide, small
flajor landslide
Paleocurrent direction (coincide with some station sites)
feltwater channel or underfit channel, small (paleoflow direction known, unknown)
Meltwater channel, large (paleoflow direction known, unknown)
sker
flajor moraine
Prumlin (ice flow direction known, unknown)
Crag-and-tail
fluting
Striation (direction known, unknown)(coincide with some station sites)
Outcrop

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