

QUATERNARY HOLOCENE

familiand - consisting of woody sedge pest, Vizirable thokness

ALLUVIAL DEPOSITS: sand and gravel with minor sit and coodies deposited in modern drainages. Common in the South McQuesten River valley.

PLEISTOCENE AND HOLOCENE (UNDIVIDED)

COLLUMAL DEPOSITS: dismiction, gravel, shattered bedrook, and lerses of sand and alt derived from becrook and sunfacel materiate by physical and pharmost weathering processes. Transport of disposped bedris occurs as surface creed, sheetwissh, or by mass westing processes. Common on all stoces nither map area.

LATE PLEISTOCENE (WISCONSINAN) - McCONNELL GLACIATION

QLACIOFLUVIAL DEPOSITS: stretified to massive, poorly to well sorted; gravel and send with minor sit and copies, decoasts by mehiwater organizing from gactal lost, locally with a veneer of scollan et [loses; Common along the margins of the McQuestern March 1997].

G^MP - glacioflyvial plain, 3-10 m thok.

QLACAL DEPOSTS (N) uncoract pay, ait, sand, grave), and coobles, with minor building, deposted by or from glader to and occurs as subcuste vender and behind coppose. McConnell gable occosts were mapped in one proble resulting billing property of the map sheet. The sate is beyond the limit of the Corollean to dented buring this generor.

Tillo - Till blanket, gently to moderately eloping plain controlled by bedrook or underlying surficial deposits, >1 mitrick.

MIDDLE PLEISTÖCENE - PRE-McCONNELL GLACIATION (UNDIVIDED)

APD APT allowed pen and terrades, opense aand engine allowing more sit and fine section of the pense of the p

MIDDLE PLEISTOCENE - REID GLACIATION

Thy -Till veneer that conforms to underlying todageapy, <1 m that The -Till danket, gently to moderately stoping plan controlled by betrack or underlying surface asposits, > m that:

EARLY PLEISTÖCENE - PRE-REID GLACIATION AND

INTERGLACIATION

TPb - Till blankst, gardy to moderately sloping plain controlled by bedrook or underlying sufficial decreases, >1 in thick.

COLLUVIAL DEPOSITS: lands/designd propilension terrapes. Dismictor and rubble derived from bedrook and surficial imaterials by a variety of colluvial and sheet-wash processes.

R - bedrook, primarily prominent ridges, secarpments, and mountain summits.

COMBINED MAP UNITS AND AGE DESIGNATORS

The surfice geology untils) are around first followed by the terms haused indexcits. Combined surfice geology until set used where for research of selds, two or more decease certaid be defeated not vious! The dominant until (>0.5%) is should first and the subcondate until (>0.5%) is shown from section and the decease or is unforced to the unit from the surfice geology. The age of glabel decests are designated by the following supersords, e.g., API, McConnel Clabetto e.g., APIp, pre-McConnel Clabetto, e.g., aPIp, pre-McConn

SYMBOLS

eological boundary	\sim
ladal imit of McConneil Cladation sefined, approximate)	
lacal limit of Reid Glaciation (efined, approximate)	
irque (NcConnell, Reid, Pre-Reid)	333
ladal erratic (NoConnell, Red, Pre-Red)	- △ △ ▲
Orkine ridge	\sim
**	· 4 > > 4
lacial meltwater channel	* * * /
i gned landform	. ps. 7
ream sediment (-80 mesh) gold assay (opb)	● JB97-087

TERRAIN HAZARDS



Arctic, Alpine, and Perigiscial Processes

- Furil Processe

 3 procon nuise unable ordines, pons lo rapid ordinges (focong)

 3 procon nuise unable ordines, gracule interpes nicernes (etc.)

 4 resconding, multipe sable ordines, gracule interpes nicernes (etc.)

 5 processes nicernes, gracule ordines ordines caused by memorim interpes caused by memorim interpes nicernes.

 5 pulying, seese of rapid suffice erasion.

REFERENCES

BERGER, C.W., 1994., Age of the Assistantion Sheep Chesis softer from thermoun response outing of one-bitting loses at Factorian. Bittings of the Science between from America and the Russen faces: Asin Arctic los once conference, 25-27 August, 1994. Anomarga, Assist, and 39 August, 2 Sectioners, 1994. Macrocated, Research Carlotter, Carlot

MURPHY, D.C. and HEON, D., 1994. Coologisti overview of Soregue Creek miss area, western Selvin Basin. In: Yulion Evidents on an object on an of Geologist Services Division, Yulion, Indian and Notineer Affect Canada, p. 29-45.

I.N.A.C., 1992. Yukon Minfle. Exploration and Geological Services Division, Yukon, Indian and Northern Affects Contact.

RECOMMENDED CITATION

SOND, J.D., 1998. Surficel geology of Soreque Creek, Centrel Yukon, NTS1115 Ph.S. Excloration and Geological Services Division, Indian and Northern Affairs, Censice, Cooperate Med 1998-1, 1:50,000 scale

Digital cartography and drafting by Will van Randen, Yukon Geology Program.

Any revisions or additional geological information known to the user would be welcomed by the Yukon Geology Program.

Copies of the map, the accompanying report and Yukon Minfle may be purchased from 0 Information and Sales, Evolutation and Goological Services Division, Indian and Northern Room 102-300 Main St. Winsenorse, Yukon YTA 285-Ph. 957-957-3284 Fax 857-857-3267.

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Geoscience Map 1998-1 SURFICIAL GEOLOGY OF SPRAGUE CREEK CENTRAL YUKON (115 P/15)