

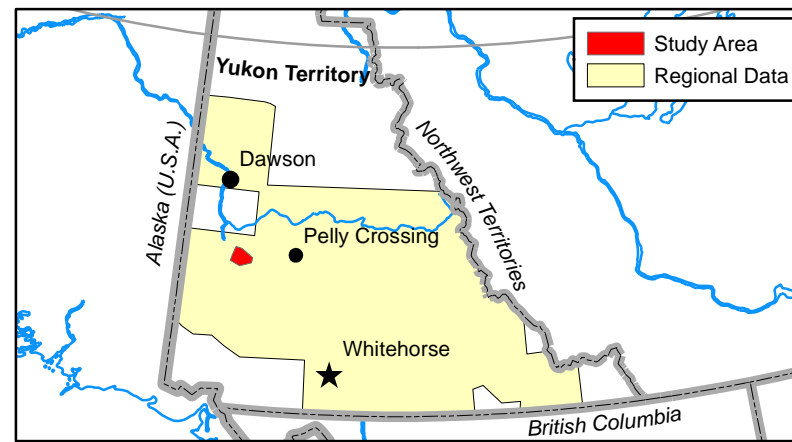
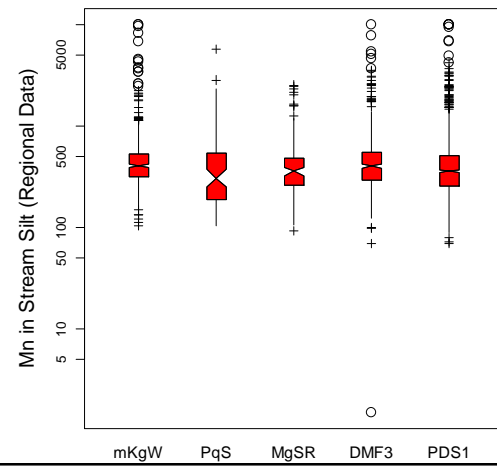
Mn in Stream Silt Aqua regia/ICP-MS <0.177 mm Fraction

Graduated (range-graded)
Symbol

Abbreviated
Sample Number
(115J171014)

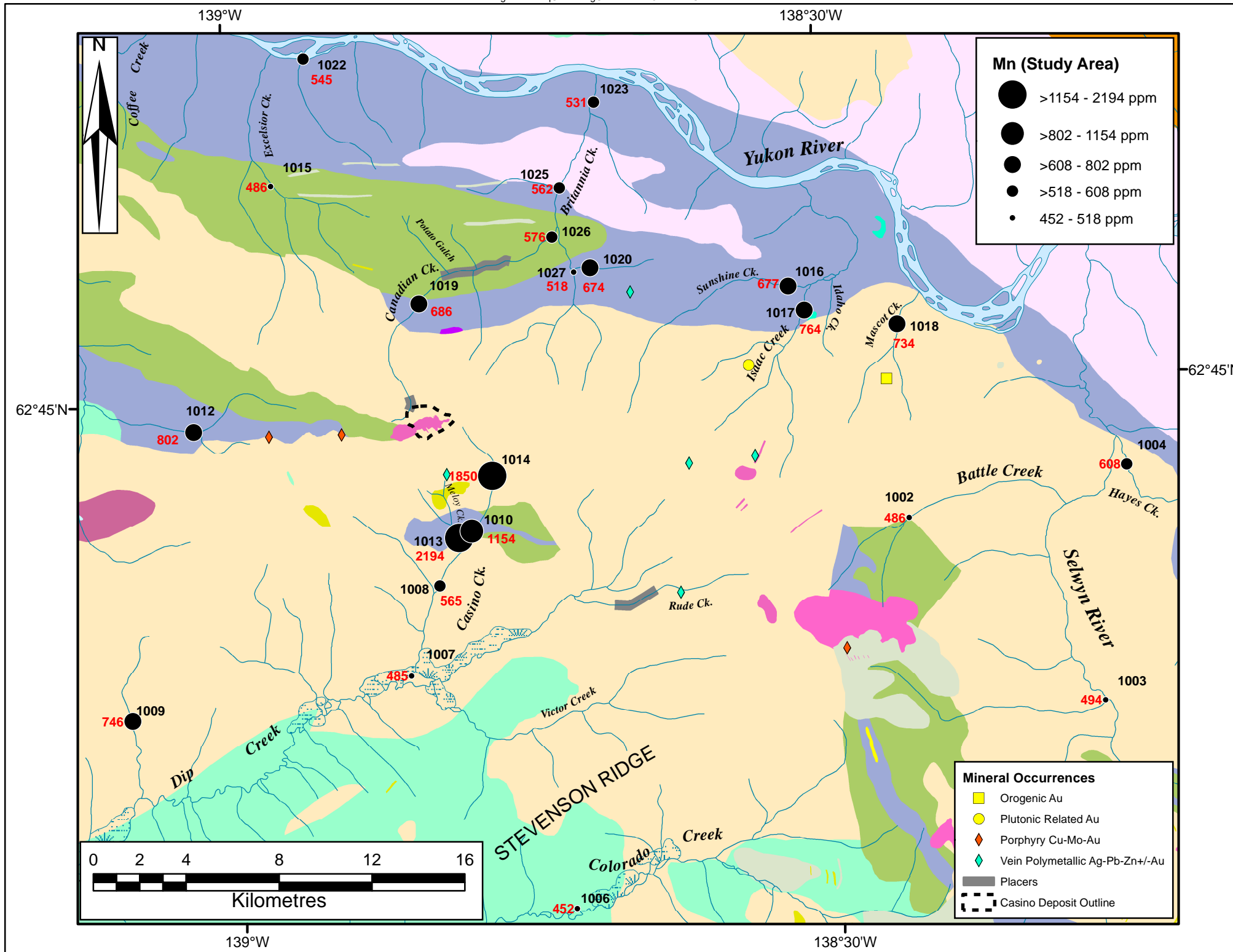
Element Concentration
at Site

1850 ● 1014



Mn*	All n=19471	mKgW n=571	PqS n=125	MgSR n=230	DMF3 n=576	PDS1 n=1210
Maximum Value	>10000	10000	5711	2518	10000	>10000
98th Percentile	2759	3065	2158	1797	2607	2397
95th Percentile	1522	1181	1147	1042	1590	1354
90th Percentile	999	782	805	755	807	826
3rd Quartile (75th)	600	527	539	482	548	510
Median (50th)	407	401	304	359	401	362
1st Quartile (25th)	290	318	187	259	293	253
10th Percentile	206	256	155	206	223	182
5th Percentile	161	210	139	175	195	151
2nd Percentile	119	175	122	137	152	117
Minimum Value	15	104	103	93	70	70
Median	407	401	304	359	401	362
MAD**	206	145	197	165	179	181
Arithmetic Mean	607	588	476	448	565	528
Standard Deviation	885	929	624	366	748	804

* Regional Data **Median Absolute Deviation



PALEOCENE TO LOWER EOCENE

- PRC1: RHYOLITE CREEK: light grey, green, maroon, purple and black rhyolite and dacite
- PRC2: RHYOLITE CREEK: maroon to reddish purple, fine to very coarse grained andesite

LATE CRETACEOUS TO TERTIARY

- LKyP: PROSPECTOR MOUNTAIN SUITE: syenite
- LKfC: CASINO SUITE: quartz-feldspar porphyry

MID-CRETACEOUS

- mKgW: WHITEHORSE SUITE: Bt-Hbl granodiorite, Hbl quartz diorite and Hbl diorite
- mKqW: WHITEHORSE SUITE: Bt quartz monzonite, Bt granite and leucogranite
- mKN: MOUNT NANSEN: massive aphyric or feldspar-phyric andesite to dacite flows

UPPER CRETACEOUS

- uKC1: CARMACKS: augite-olivine basalt and breccia
- uKC2: CARMACKS: andesite, porphyry
- uKC4: CARMACKS: sandstone, pebble conglomerate, shale, tuff, and coal

LATE TRIASSIC TO EARLY JURASSIC

- LTrEJgM: MINTO SUITE: foliated Bt-Hbl granodiorite; Bt-rich screens and gneissic schlieren

LATE TRIASSIC

- LTrgS: STIKINE SUITE: coarse-grained, foliated, gabbroic Hbl orthogneiss

MIDDLE TO LATE PERMIAN

- PqS: SULPHUR CREEK SUITE: variably foliated, K-feldspar augen granite, metaporphyry
- PK1: KLONDIKE SCHIST: quartz-muscovite-chlorite schist

MISSISSIPPIAN

- MgSR: SIMPSON RANGE SUITE: Hbl-bearing metagranodiorite, metadiorite and metatonalite

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

- DMF1: FINLAYSON: intermediate to mafic volcanic and volcanoclastic rocks
- DMF3: FINLAYSON: dark grey to black carbonaceous metasedimentary rocks, metachert
- DMF6: FINLAYSON: ultramafic rocks, serpentinite; metagabbro

LATE DEVONIAN TO MISSISSIPPIAN

- LDgMB: MT BAKER SUITE: strongly foliated to gneissic granodiorite, diorite and monzogranite
- LDyMB: MT BAKER SUITE: strongly foliated to gneissic diorite, gabbro and minor pyroxenite

ORDOVICIAN TO LOWER DEVONIAN

- ODS: SCOTTIE CREEK: quartzite, micaceous quartzite, psammitic Qtz-Ms-Bt ± Grt schist

NEOPROTEROZOIC AND PALEOZOIC

- PDS1: SNOWCAP: quartzite, psammite, pelite and marble; minor greenstone and amphibolite
- PDS2: SNOWCAP: light grey to buff weathering marble

Mineral Occurrences

- Orogenic Au
- Plutonic Related Au
- Porphyry Cu-Mo-Au
- Vein Polymetallic Ag-Pb-Zn+/-Au
- Placers
- Casino Deposit Outline