

Geoscience BC Map: 2015-13-01 KIMBERLEY GOLD TREND Fort Steele Mining Division Kootenay District NTS Map Sheet: 082F, G, J, K Michael Seabrook and Trygve Höy May 2015

Suggested reference: Seabrook, M. and Höy, T. (2015): The Structural Controls of the Kimberley Gold Trend; Geoscience BC Map 2015-13-01, 1:200,000 scale.

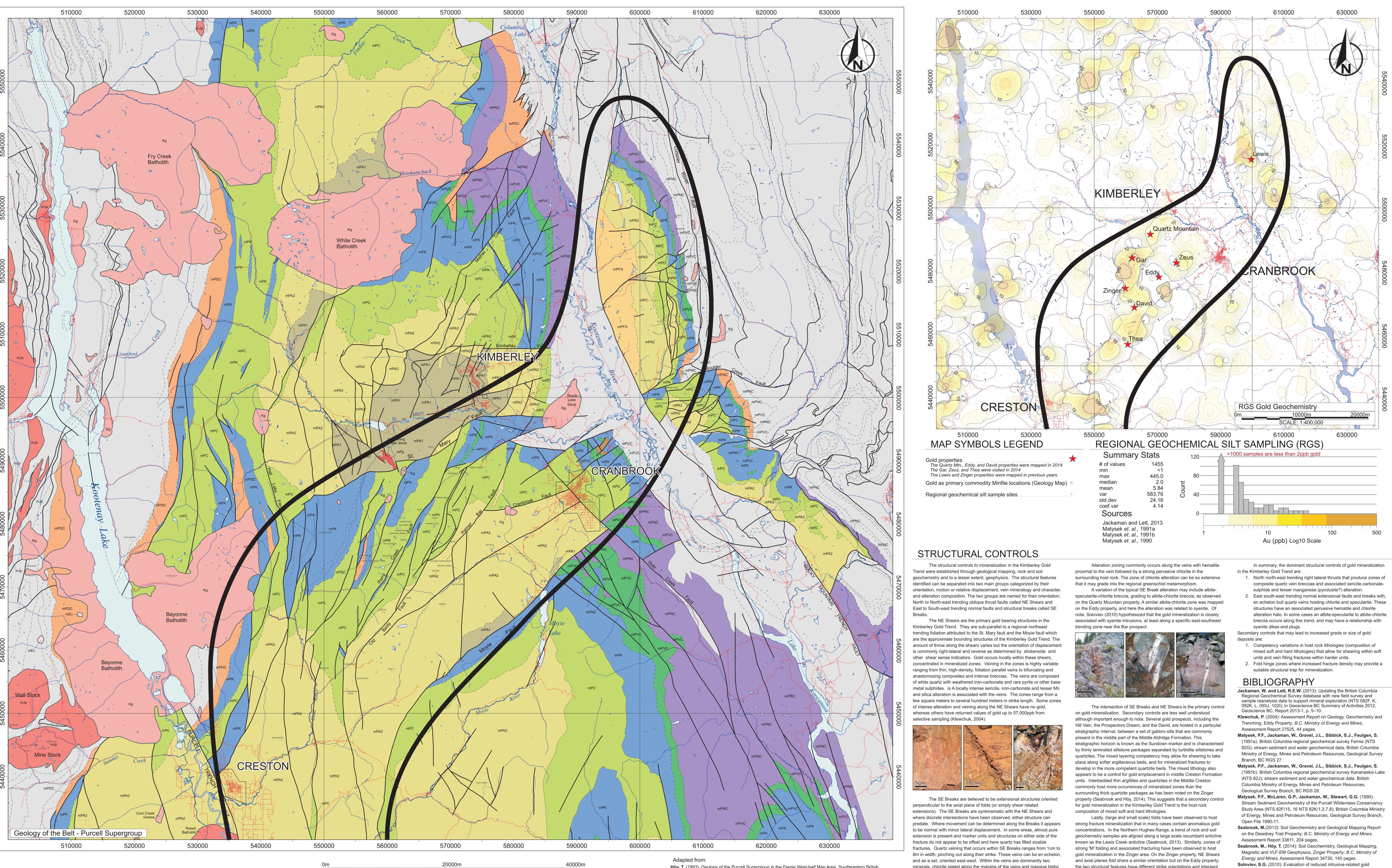
LOCATION MAP



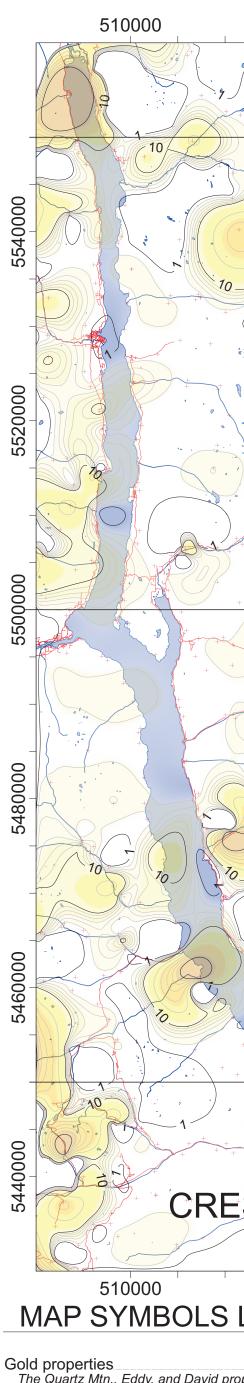
GEOLOGY

0202001	
LAYERED ROCKS	
WINDERMERE SUPERGROUP AND STRATAGRAPHICALY HIGHER FORMATIONS	
	Undivided layered rocks.
PURCELL SUPERGROUP Middle Proterozoic DUTCH CREEK FORMATION	
mPDC	Undivided; green siltstone, argillite, stromatolitic dolomite and quartz wacke
NICOL CREEK, SHEPPARD, GATEWAY, PHILLIPS, ROOSVILLE FORMATIONS	
mPNC	Massive to amygdaloidal basalt to andesite lava flows, volcanic sandstone, siltite locally at base. Sandstone and conglomerate; dolomitic quartzite, sandstone, oolitic dolomite, stromatolitic dolomite at top.
VA	N CREEK FORMATION
mP VC	Pale green, laminated, siltite and argillaceous siltite and quartz wacke. Minor ripple marks, lenticular bedding, rare flattened mudcracks.
KI	TCHENER FORMATION
mРк	Undivided; thin-bedded, brown weathering dolomite siltstone and green argillite.
CRESTON FORMATION	
mPC	Undivided sedimentary rocks. Light grey, mauve, green siltstone and argillite; thin- to medium bedded quartz arenite, quartz wacke. Lenticular bedding, ripples, cross-bedding and mudcracks.
ALDRIDGE FORMATION	
mPA2	Middle and Upper: Grey to rusty weathering, thick- to thin-bedded, quartzofeldspathic wacke with argillite and siltite intercalations.
ALDRIDGE FORMATION	
mPA1	Lower: Rusty brown weathering. thin- to medium-bedded, quartz wacke, quartz arenite.
FC	ORT STEELE FORMATION
mPFS	Rusty weathering thick-bedded white to grey quartzite.
INTRUSIVE ROCKS	
McGREGOR/CORYELL INTRUSIONS - Eocene	
TCS	Volcanic dikes of alkalic syenite to shonkinite.
BAYONNE SUITE - Cretaceous	
KBMS	Granite and alkali feldspar granite
NE	LSON SUITE - Jurassic
JNMS	Porphyritic granite, quartz diorite, quartz monzonite, diorite, monzonite and syenite.
PROTEROZOIC INTRUSIONS - Middle Proterozoic	

Light grey granitic pegmatite.



Höy, T. (1993): Geology of the Purcell Supergroup in the Fernie West-half Map Area, Southeastern British Columbia; B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 84.



minerals, chlorite plated along the margins of the veins and massive blebs of specularite up to 5cm in diameter that can extend across the vein width.

the two structural features have different strike orientations and intersect near mineralized occurrences (Hill Vein and Propector's Dream).

- mineralization in the area west of Cranbrook, southeastern British Columbia (NTS 082F/08, 16); in Geological Fieldwork 2009, BC Ministry of Energy and Mines, BC Geological Survey, Paper 2010-1, p. 97–111