Assessment Report

J1 & J2 Claims

YE85033 & YE85034

Grassroots Prospecting and Rock Sampling

July 15 - Aug. 4, 2015

Watson Lake Mining District

Report by Van Krichbaum

Received
Nov. 14, 2016

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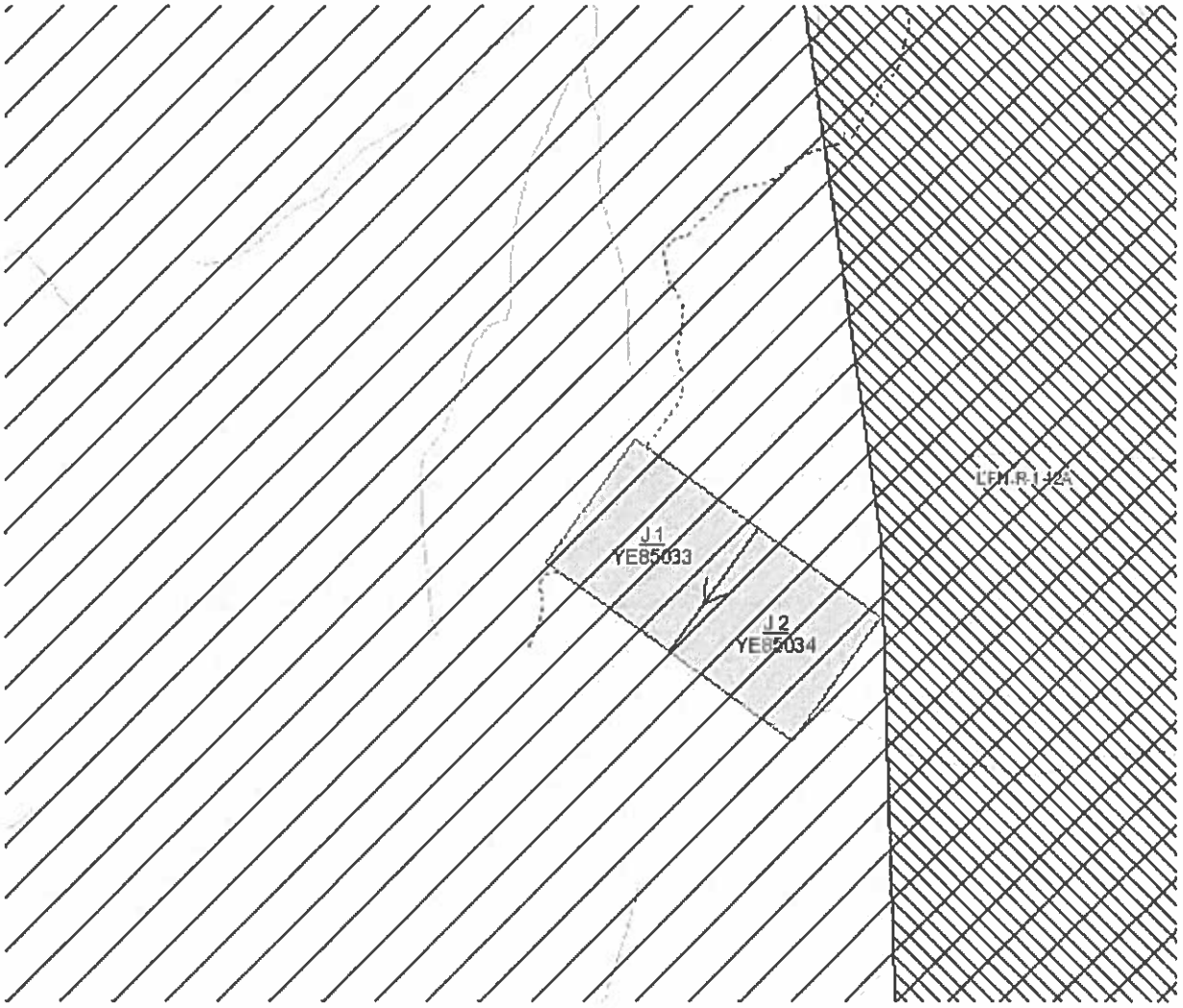
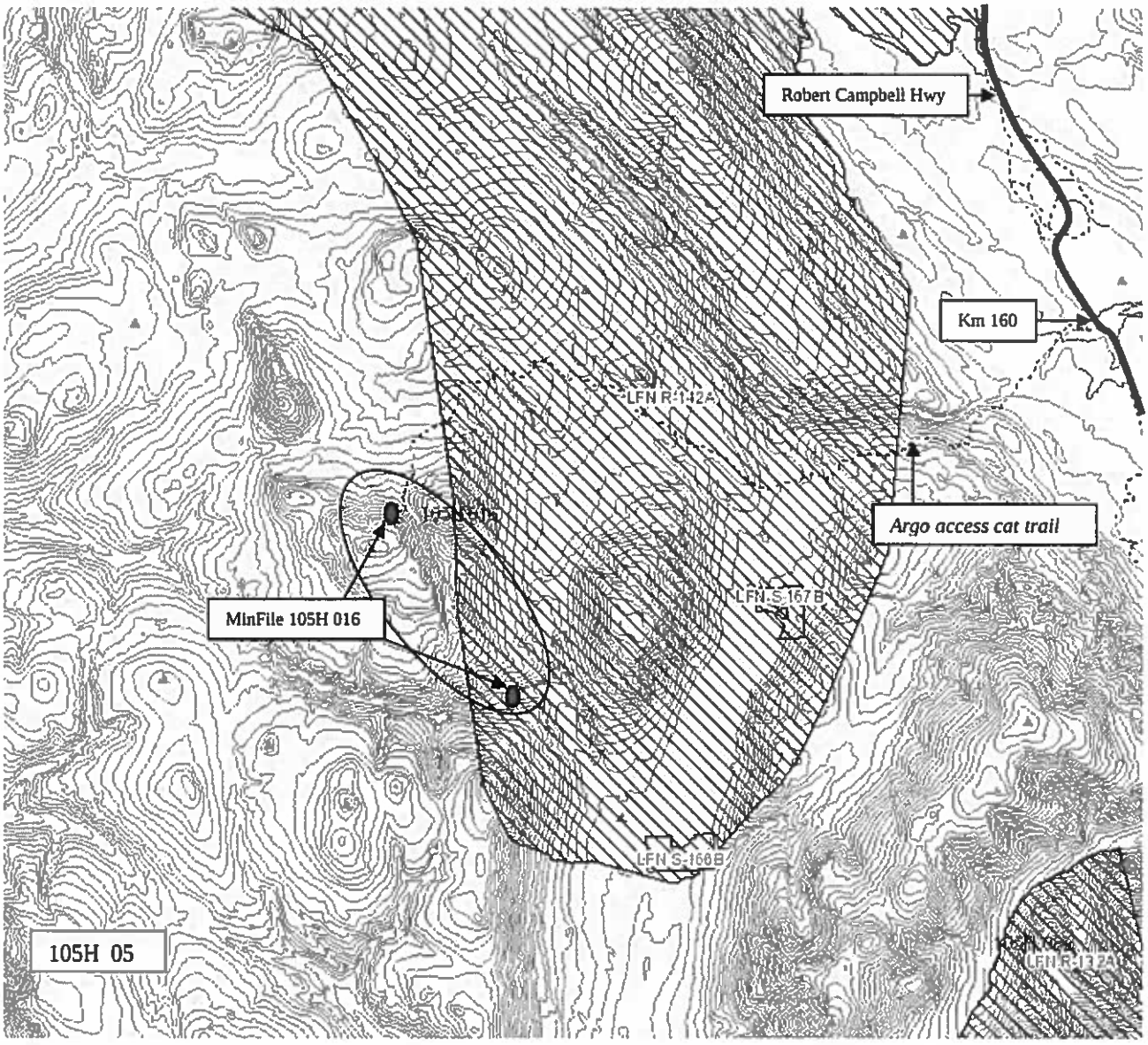
Grant Number	Claim Name	#	Claim Owner	Operation Recording Date	Staking Date	Claim Expiry Date
YE85033	J	1	Everett Van Krichbaum - 100%	2015-07-14	2015-07-12	2021-07-14
YE85034	J	2	Everett Van Krichbaum - 100%	2015-07-14	2015-07-12	2021-07-14

Table 1. J1 & J2 Claims. *Source – Yukon Mining claims Data Base. (http://apps.gov.yk.ca/ymcs/f?p=116:2:31775147065216:RESET:NO:::)*



Map 1. J1 & J2 Claims Map. *Source – Yukon Mining Map Maker. (http://mapservices.gov.yk.ca/Mining/WebMap.aspx*

MinFile Occurrences



Map 2. Area of Interest Showing Minfile Occurrences. *General interest area for exploration is largely serpentinite/ultramafic rock. Minfile Occurrences are small red ovals and labelled with their Minfile Occurrence Number. Interest area at the northern-most MinFile 105 016 does NOT include the First Nations Interim Protected Lands or any of the Ross River Class 1 Notification Area currently covered by an Order in Council. An Argo/ATV access cat trail (gazetted?) exists to the northern-most MinFile Occurrence 105H 016.*

Work History

The northwest end was staked as Porkpine cl 1-8 (74010) and EKO cl 1-8 (74018) in Oct/58 by J. Smarch and E. Hammer. The entire property was restaked as Gen 1-24 (74490) in Oct/59 by G. Rapson, E. Brodhagen and N. Zinchuk and examined by Cassiar Asbestos Corp Ltd later in the year. In 1960, the Dim cl 1-4 (75122) were added by B. Countryman and the property was optioned to Wescan Development Ltd, which hand trenched and drilled 19 x-ray holes (147 m).

Later staking includes Patsy cl (88723) in Jul/64 by H.C. Fromme at the southeast end; Sowden cl 11, 13 and 15 (Y42501) in Jul/70 by K. Ebner, who bulldozer trenched at the northwest end in 1971; and Green Stuff cl 1-6 (Y94476) in May/76 by G. Bouchard at the northwest end. The Green Stuff claims were optioned by Arctic Jade Ltd, which performed more trenching in 1977.

The entire property was restaked as Hiralph cl 1-8 (YA34742) in Aug/78 and Tisnot cl 1-16 (YA45097) in Aug/79 by Teslin Joint Venture (Cassiar Asbestos Corporation Ltd, Cominco Ltd and Exploram Minerals Ltd), which explored with mapping, sampling and a magnetic survey in 1979. The northwest end was restaked in Jul/85 as Sue cl 1-2 (YA73514) by G. Sckopke.

H. Caesar staked Beaver cl 1-8 (YB15344) 5 km to the east in Aug/88, and added Otter cl 1-6 (YB33628), Owl cl 1-4 (YB33642), Mudhen cl 1-8 (YB33530) and Pika cl 1-4 (YB33225) between July and September, 1990. In Apr/96 Caesar restaked Mudhen claims as Mudhen cl 1-4 (YB59283).

Between Sept and Nov/95 Westmin Resources Ltd. staked Hang cl 1-453 (YB69525) 5 km to the north and carried out airborne geophysical surveying later that year. The occurrence was restaked by Westmin as Tack cl 1-557 (YB78704) in Mar/96. The company then completed regional reconnaissance of the Hang and Tack claims by carrying out prospecting and geological mapping traverses across stratigraphy and soil, silt and rock sampling along claim lines. In 1997, Westmin carried out geological mapping (1:10 000) and geochemical sampling (rock, silt and soil) on the southern Tack claims.

Capsule Geology

Chrysotile veinlets up to 9 mm long occur in two showings at either end of a 3 km long serpentinite sill intruded between metavolcanics and argillite of Devonian-Mississippian age. Magnetic response suggests that the sill is continuous under overburden between the two showings.

The northwest showing also contains numerous jade boulders derived from alteration zones at the margins of rodingite dykes. Several tonnes of jade were shipped from the property between 1977 and 1979.

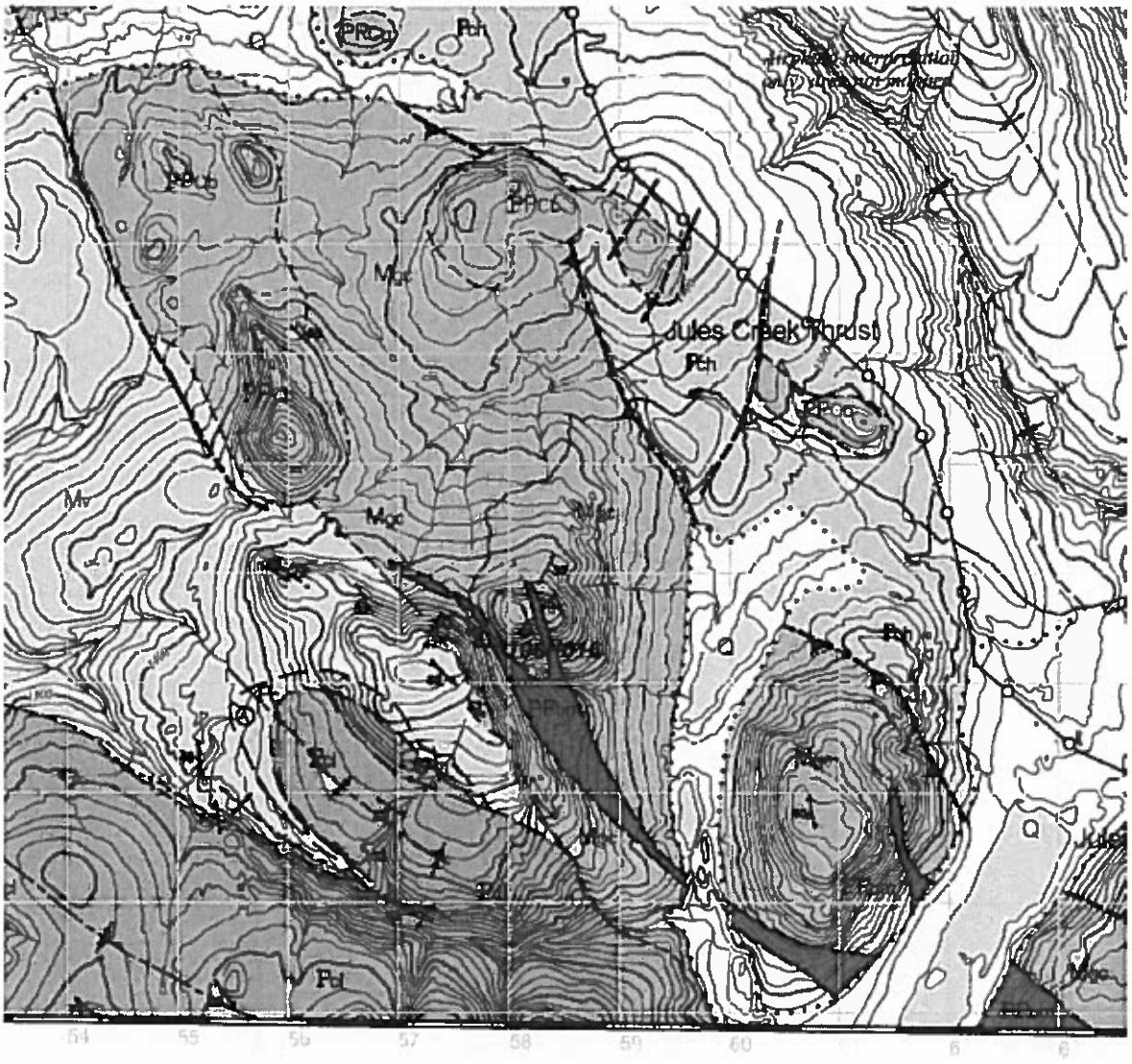
The Tuchitua Project, a regional reconnaissance program encompassing a large area surrounding the original occurrence was undertaken by Westmin in 1995 and focused on the volcanogenic massive sulfide potential of this portion of the Finlayson Lake belt. The Finlayson Lake belt is a layered sequence of mid Paleozoic, metamorphosed and deformed sedimentary and volcanic rocks of the Yukon-Tanana Terrane which host numerous massive sulfide occurrences, including the Wolverine and Kudz Ze Kayah deposits (Minfile Occurrence #105G 072 and #105G 117, respectively). Remapping of the area directly to the northwest, by the Yukon Geology Program (Murphy and Piercey, 1999) indicates that the area is underlain by Pennsylvanian to Permian rocks of the Campbell Range Succession which overly and are part of the Yukon-Tanana Terrane.

A number of scattered polymetalic base metal soil anomalies were detected in the north-central portion of the Tack claims and several Ag and Au spot highs were detected in the northeastern portion of the Hang claims. Specifically, two Ag anomalies up to 12 ppm Ag occur on the northern portion of the Hang claims. A single sample from the southeastern Hang claims returned a value of 50 ppb Au and one sample from the northern Tack claims ran 180 ppb Au. An area of anomalous Cu values occurs in the central portion of the northern Tack claims were values range up to 181 ppm Cu. To the southeast scattered high Cu values range up to 195 ppm Cu. Pb concentration in soil ranges up to 66 ppm, with most of the higher values concentrated in the north central portion of the Tack claims. Similarly, the highest Zn value, 350 ppm Zn, is located in the north central portion of the Tack claims.

Apart from a Zn soil anomaly (peak value of 1 125 ppm) on the southern Tack claims, only a couple of spot highs for Au (125 and 90 ppb) and an isolated Pb anomaly (1 600 ppm) were detected during the 1997 program. Geological mapping carried out in 1996 and 1997 led Westmin to concluded that the prospective stratigraphy hosting the Wolverine deposit does not extend onto the Tack claims and based on the lack of any siginificant alteration or mineralization detected on the property all of the claims have subsequetly been allowed to lapse.

There was a possibility some nephrite remained in the area and it was open ground. It was visited and subsequently 2 claims were staked on July 12, 2015. These were the J1 and J2 claims, YE85033 – YE85034 on map sheet 105H/05. Please see map page 3.

105H 05 Geology



Map 3. Geology Map for 105H 05. *Ultramafic area* **PPum** *near MinFile 105H 016 was target for nephrite exploration. The Jules Creek Thrust is nearby. The stratographic units legend for Geology Map105H 05 is on page 7.*

INTRUSIVE ROCKS

PENNSYLVANIAN AND/OR PERMIAN

PPum	Yellow-green weathering, pale green to tan, variably serpentinized ultramafic rock. Texture varies from scaly and foliated to massive, with pseudomorphs after orthopyroxene. Intrusive contacts are locally preserved. Nephrite jade is locally developed near basal contact.

LAYERED ROCKS

MID-PERMIAN

mPcgl	Red-brown to pale green matrix- and framework-supported polymictic conglomerate, pale green sandstone and lesser dark grey shale. Conglomerate clasts include porphyritic basalt, aphyric massive basalt, chloritic phyllite, quartz-mica phyllite, siliceous carbonaceous phyllite, carbonate, white bull quartz and chert. Clasts of serpentinite, blueschist and eclogite have been reported from this unit elsewhere (Mortensen, Erdmer and Ghent, 1997). Mid-Permian conodonts have been reported from this unit in Watson Lake map area (J. Mortensen, pers. comm., 2000).

unconformity or fault

PENNSYLVANIAN and/or LOWER PERMIAN

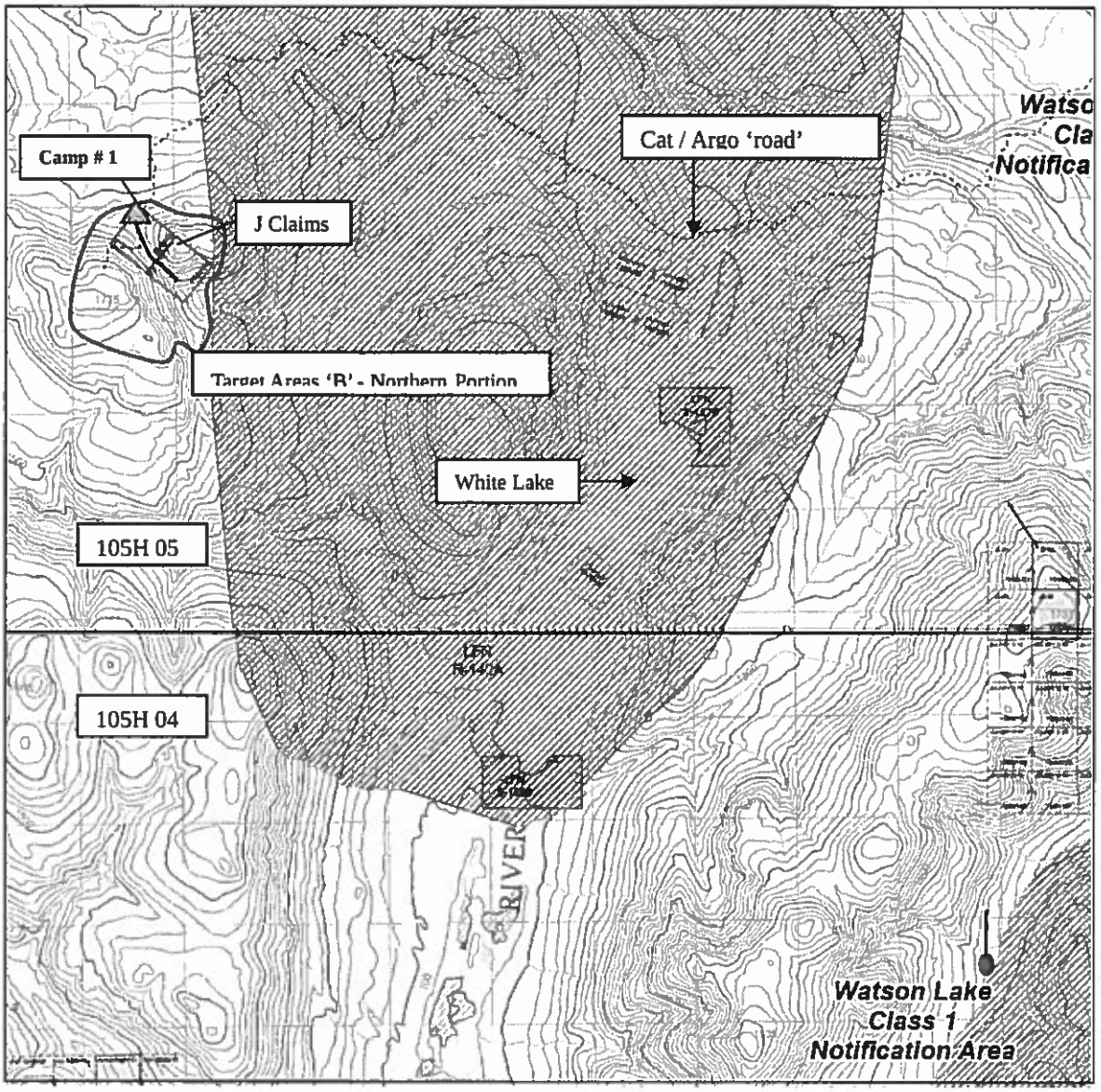
PPCb	Dark green, grey-green weathering, variably foliated, meta-basalt; mainly massive, but locally fragmental and less commonly pillow textures are present. Gabbro and diabase, pink and green chert occur locally. Unit PPC?b in the southeastern corner of the map area resembles this unit but a firm correlation can not be established. It ranges from highly foliated to massive and is characterized by mm- to dm-scale lenses of carbonate (amygdules?).
Pc	Massive to thickly bedded, light to medium grey, light grey-weathering marble. Locally crinoidal. Pennsylvanian to Early Permian conodonts have been reported from this unit elsewhere (Orchard, M. in Gordey and Makepeace, 1999).

MISSISSIPPIAN

Mv	Light to medium green, locally quartz- and feldspar-phyric, intermediate meta-volcanic rocks. A Mississippian U-Pb age has been reported for this unit (Mortensen, 1992).
Mgo	Undifferentiated pale to olive green, locally magnetite-bearing chert and argillite, dark grey argillite and chert, and light grey-weathering, light to medium grey massive marble. Equivalent to units Mgc, Mch, and Mc in neighbouring 105H/4.

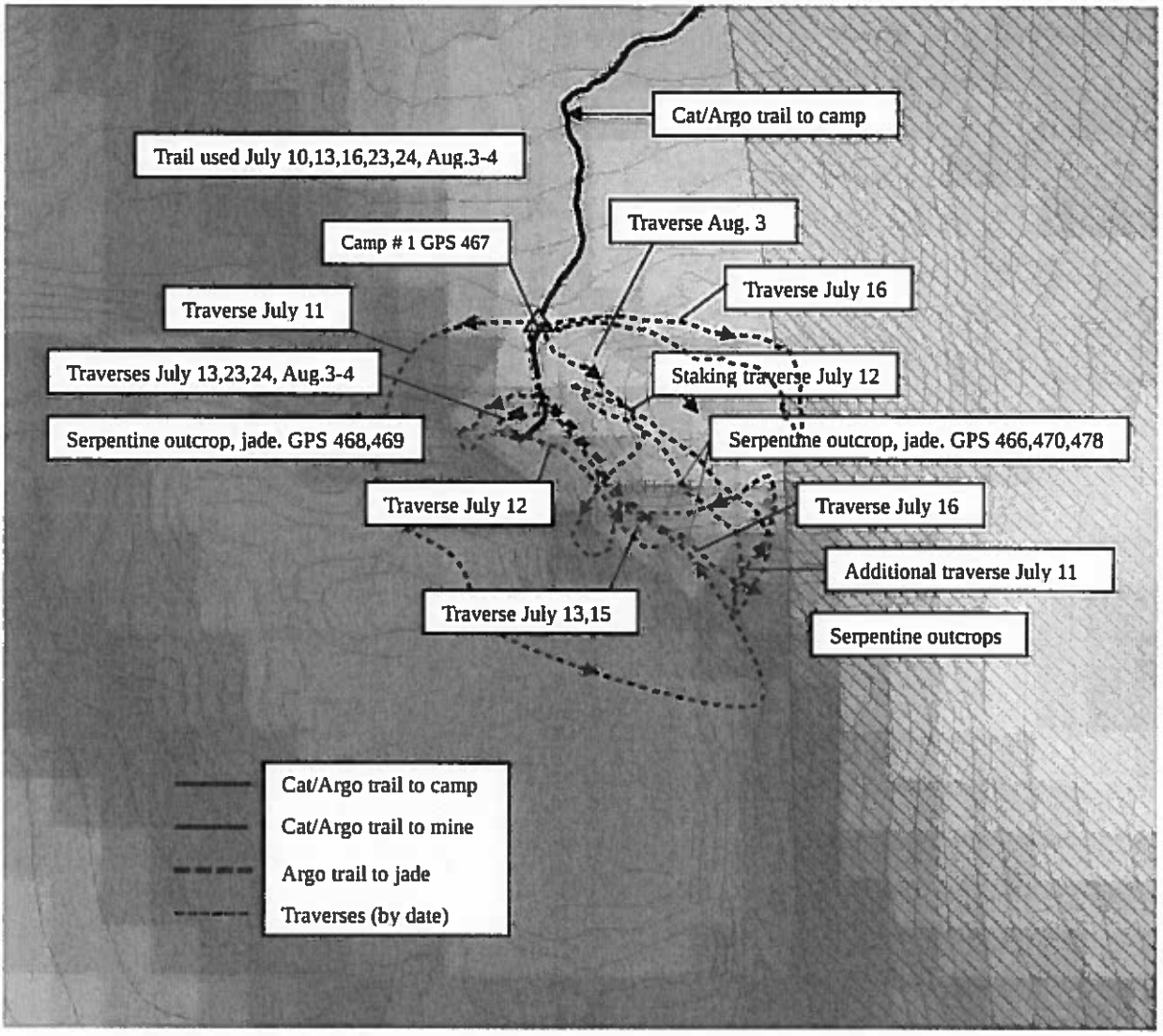
Table 2. *Geology Maps 105H 05 and 105H 04 Stratographic Units Legend.*

General Areas Traversed



Map 4. Argo Access Routes for Target Area 'B' and General Areas Traversed. *The cat / Argo 'road' is black dash, Argo trails solid black and blue, grassroots prospected areas are red outlines, camp site is green triangle, claims are shaded tan. The 2 'J' claims were staked for nephrite jade discovered as a result of the YMEP 15-095 Grassroots Prospecting Module 'SE Yukon Nephrite Project' (Claim Maps 105H 04 and 105H 05).*

Grassroots Prospecting Traverses for Area of Interest



Map 5. Grassroots Prospecting Work July 10-13, 15-16, 23-24, Aug. 3-4. *Date starting July 15 are assessment work dates. The Cat / Argo trail is solid black and broken solid black, Argo trail is bold black dash, traverses are smallest black dash (see details of traverses in daily journal). Serpentine and nephrite jade discoveries are green diamonds. Two 'J' claims were staked for nephrite jade discovered on both claims as a result of this grassroots prospecting YMEP 15-095' SE Yukon Nephrite Project' (Map 105H 05).*

Results and Discussion

Nephrite on the J1 claim appears to be an E-W seam forming at the contact reaction zone between serpentine and dark metamorphosed magnetite-bearing argillite, with talc and 'soft nephrite' on the northern side. The nephrite seam is approximately 0.7m wide where not previously mined. The width at the mined eastern end is not known. The quality of the nephrite samples removed is "B-", not great, and not gem quality. Most is spotted, light green, mottled and not very translucent. Many small cut pieces of nephrite lay to the east of the past working, some of which are better quality nephrite. Several of these previously cut nephrite pieces were also removed for further cutting to test quality. Several hundred kg of nephrite samples were collected at this site. This site's GPS co-ordinates for waypoints 468 and 469 are given in the Appendix.

Nephrite on the J2 claim appears to be an E-W seam also, forming at a contact reaction zone between serpentine and dark magnetite-bearing serpentinite, with a very small amount of talc on the southern side. The nephrite seam is approximately 0.4m wide where visible on the hillside. The showing is poor, mostly covered by overburden. Some of the unattached nephrite boulders found south of this contact reaction zone and larger than the width of the jade seam, suggesting that other seams are possible at this site but are not visible due to overburden. The quality of the nephrite samples removed is "B" to "B+", much better than the nephrite on claim J1, but still not gem quality. Most are dark green with occasional chrome and black spots and semi-translucent. Several hundred kg of nephrite samples were collected at this site. This site's GPS co-ordinates for waypoints 466, 470 and 478 are given in the Appendix.

Conclusions and Recommendations

Nephrite or semi-nephrite discoveries were made in both claims prospected. Further intensive grassroots prospecting in these areas is highly recommended, and could yield more discoveries.

Appendix

GPS UTM Coordinates - Zone 9

Waypoint Name	Easting	Northing
466	457955	6794291
467 Camp	457723	6795007
468 Old Working?	457568	6794642
469 Old Working	457555	6794692
470	457966	6794285
478	458013	6794237

Budget expenditures

6 Days - 3 persons

Daily living expense 18 person-days X $100/day	$ 1,800.00
Travel 320 km X $.61/km	$ 195.20
Argo 6 days X $56/day	$ 336.00
Argo gas - estimated	$ 100.00
Argo hauling trailer 6 X $16/day	$ 96.00
Rosch Kubelca 6 X $250/day	$ 1,500.00
Chris Peynenburg 6 X $250/day	$ 1,500.00
Van Krichbaum – geo 6 X $350/day	$ 2,100.00
Report Prep	$ 300.00
Total	$ 7,927.20

STATEMENT OF QUALIFICATIONS

- 37 years experience doing geological prospecting in Yukon.
- Author of several Yukon YMIP reports on mineral property evaluations or grassroots prospecting programs, plus previous Yukon assessment reports.
- 13 years Geology teaching experience at first year University equivalent.
- Past operator of one mine property in Yukon (for Nephrite Jade).
- Current owner of 2 Yukon claims for nephrite
- Owner of 36 Yukon quartz claims.
- Many geological short courses including ones on diamonds, platinum, geophysics, glacial drift prospecting, VMS deposits, rare earth elements, MMI, exploration geochemistry, and several on gold exploration.
- Exploration manager and technical report writer for Crusader Gold in B.C. 2007-2016, including ARIS Reports 28546, 30293, and 31281.
- BSc degree in Biology, (including some university geology courses)

"Everett Van Krichbaum", Sept. 19, 2016

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Waypoint Name	Easting	Northing
466	457955	6794291
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469 Old Working	457555	6794692
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