

NTS & Occur. Number	Reference	Name of Occurrence	Date	Lat. & Long.	Metals	Host Rock (with age)	Alteration, Gangue and Control	Remarks
<u>CARMACKS</u>								
<u>115-I</u>								
115I2-1	71 GSC P67-36	March-Canex	1965	62°12'N 136°58'W	Cu, Mo	Granitic rocks	Porphyry	900' of churn drilling-1966.
115I3-2, 3,4	77 GSC P67-36	Mount Nansen	1966	62°03'N 137°08'W	Au, Ag	Proterozoic biot.sch. & gn.	Qtz. lenses, veins & stockworks	6192' of drilling X-cutting & raising 7300' of drilling- Reserves-1966 173,315 - .484 oz/T. Au 19.4 oz./T Ag 110,000 - .61 oz Au) Brown & 5.4 oz. Ag) McDade
115I6-5	73 GSC P67-36	Laforma Discovery Mines	1966	61°16'N 137°06'W	Au	Qtz.monzonite to granodiorite	Qtz. veins	Production Au 1610 oz. Ag 570 oz.
115I1-6	66 GSC P67-36	Tantalus Butte	1966	62°08'N 136°16'W	Coal	Congl. ss.sh.		High volatile bituminous.
115I1-7	67 GSC P67-36	Five Fingers		62°12'N 136°20'W	Coal			From Map 340A (Carmacks geology)
115I7-8	68 GSC P67-36	Bonanza King	1966	62°23'N 136°51'W	Cu	Mt.Nansen colcanics	Qtz. lenses en echelon	Old shaft & adits-bo, cpy,qtz- lenses 5' wide near granitic intr. N40°W/steep Dump sample - 0.64 Ag, 1.6% Cu.
115I7-10	<i>GRANITE MOUNTAIN</i>							
115I15-9	69 GSC P67-36	Braden's Canyon		62°50½'N 136°51'W	Cu			
115I7-10	70 GSC P67-36	Tinta Hill	1961	62°17½'N 136°58½'W	Pb,Zn, Ag(Cu)	Granite	Vein in shear zone	Gal, sphal- 2½' in shear zone drilled along 1200' length (Conwest), cpy, po dissem. either side - min. zone 10' wide - some tetrahed.- N61°W/90 4000' long (Bostock)

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115-I Contd.								
115I6-11	72 GSC P67-36	Emmons Hill	1937	62°16'N 137°03'W	Sb, Ba, Au.	Banded gn. including bands of grey qtzite.	Vein-pyritic replacement	Au \$30-\$60/ton (1937) in qtzite assoc. with pyrite etc. N20°W/steeply E.
115I6-12	74 GSC P67-36	Augusta	1937	62°17½'N 137°07'W	Au (Cu, Zn)	Metamorphic rocks intruded by granite & granod.	Replacement in limy layers in qtzite & schist, some qtz. veins	Au in magnetite body NW-a replacement of limy layers-exposed over 300'- up to 15'wide.
115I3-13	75 GSC P67-36	Caribou Creek		62°14'N 137°12'W	Au			
115I6-14	76 GSC P67-36	Revenue Cu	1966	62°20'N 137°16'W	Cu	Highly altered rhyolite bx?	Breccia?	Low Cu values-considerable pyrite.
115I3-5	a e a	<i>from a b a Marine Cu?</i>			Cu			
115I1-7	<i>a b a map occ. map.</i>							
115I2-1	a e a				Cu Mo			
115I4-11	<i>Shows on air photos, huge porph, may have low Au content check HSB June 18/66 old values on indicate Au was found</i>	<i>prolong creek</i>						

Carmacks 115 I Priority Areas.

- 1) Braden's Canyon area 115I/15 - Cu - general area underlain by Yukon Group - sch, gn, qtzite and abundant ls. - should examine to granite contact area near mouth of Kelly R.
- 2) McCabe Creek - reported gilson showing - Yukon Group intruded by granitic body. [115I/10]
- 3) Ptarmigan Mtn. - Yukon group - thick ls. layers in sch & gn - intruded by granitic rocks. [115I/9]
- 4) Cu showing few miles NW of Yukon Crossing in Mt. Nansen Volc. rocks. intruded by granitic rocks. - perhaps this contact should be examined where it extends NW & SE from showing on either side of Yukon R. [115I/7]