

TABLE 5
COMPARISON OF WORLD WRIGGLITE OCCURRENCES

KNOWN WRIGGLITE OCCURRENCES

NATURE, OCCURRENCE, ETC.	Moina Australia	Mt. Garnet Australia	Mt. Bischoff Australia	Lost River Alaska	Iron Mtn USA	Chugoku Japan	Sthn China	Kristiana Norway	Pitkaranta USSR	Kazakh USSR	Central Asia USSR	Siberia USSR	Far East USSR	Primorje USSR
Texture fine grained, fine rhythmic layers	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes?	yes	yes	yes
Essential minerals: fluorite	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
magnetite	yes	yes	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
idocrase	yes	yes	no	yes	yes	?	no	?	yes	yes	yes	yes	no & yes	yes
Accessory minerals including: cassiterite	yes	yes	yes	yes	no	no?	yes	?	yes	yes	?	?	yes	?
scheelite	yes	yes	no	yes	yes	no?	yes	?	?	yes	?	?	no?	?
beryllium minerals	?	?	yes?	yes	yes	no?	yes	?	yes	yes	yes	yes	yes	?
Geodes, or zones of coarse minerals, geometrically central to the layering	uncommon	yes	yes	yes	yes	?	?	?	yes	yes	?	?	yes	?
Unconformable relationships between adjoining layered sequences	yes	yes	yes	yes	yes	?	?	?	yes	yes	?	?	yes	?
Replaced rock is limestone, marble or dolomite	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	?	yes	yes	yes
Evidence that argillaceous rock is not replaced by wriggilite	yes	indirectly, yes	indirectly, yes	yes	?	?	?	?	yes	?	?	?	?	?
Spatially closely associated with leuco- cratic or 'alaskite' granites	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	?	yes	yes	yes
Crispenization common in granite	yes	yes	not exposed	yes	?	?	yes	?		yes	?	yes	yes	yes
Within a metallogenetic province of: tin	yes	yes	yes	yes	no	no?	yes	?		?	?	?	yes?	yes
tungsten	yes	yes	yes	yes	yes	yes	yes	?		?	?	?	yes?	yes
beryllium	yes?	yes?	no	yes	yes	no?	yes	?		yes	yes?	yes	yes?	yes