

PROPERTY

Sturgeon River Mines Limited, Project 172

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LOCATION 25th North Sect Post

BEARING

125°(n)
125°(1)

HOLE NO.

172-5

of (No. 1 post - 4123) (No. 2 post - 4122)

LOGGED BY R.M.E.

ELEVATION

DIP - 15°

FINAL DEPTH

197'

STARTED

Feb. 11-57

TESTS (CORRECTED)

FINISHED

Feb. 21-57

-41° at 00'

CASING

10" (casing pulled)

-37° at 190'

CORE SIZE

AT

FROM	TO	DESCRIPTION
0'	70'	Lake & overburden
70'	101'	Andesite - medium grained
101'	131'	Andesite - fine grained - numerous quartz filled fractures
		101 - 103 - much quartz
131'	137'	Det. ground
137'	172'	Phyolite - felspar & quartz rich zones as thin plates with epidote also quartz stringers Very weak disseminated fine grained pyrite
		137-172-contact zone
		137-159-minute epidote filled fractures at 150' to core
172'	197'	Andesite - flow structure
		172' - 0" Phyolitic
		197' - 0" "

PROPERTY Sturgeon River Mines Limited - Project 172

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LOCATION _____ BEARING _____ HOLE NO. 172-5

LOGGED BY _____ ELEVATION _____ DIP _____ FINAL DEPTH 497'

STARTED _____ TESTS (CORRECTED) _____

FINISHED _____

CASING _____

CORE SIZE _____

FROM	TO	DESCRIPTION
217'	248'	Rhyolite - possibly highly silicified and altered tuffs - Hematite developed along fracture planes. 242 - 248 - Amygdaloidal and slightly basic Rhyolite - blue quartz - phaneritic in appearance 247' - Vug close to epidote filled fracture at 30° to core
248'	254'	Flow Contact between Rhyolite and Andesite - with possible shallow tuff horizons 255-256- Chert Rich Tuffaceous horizon 270-277- Silicified Tuffs - Rhyolitic in appearance
254'	368'	Andesite - very fine grained with numerous quartz stringers 296-296.5 - Quartz stringer - 80° to core 321 - Quartz, epidote and hematite stringer 329 - 2" quartz stringer - 80° to core 352 - 368 - Flow structure - very fine grained pyrite min'l.

HOLE NO.

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LOCATION _____ BEARING _____ HOLE NO. 172-5

LOGGED BY _____ ELEVATION _____ DIP _____ FINAL DEPTH _____

STARTED _____ TESTS (CORRECTED) _____

FINISHED _____

CASING _____

CORE SIZE _____

FROM	TO	DESCRIPTION
368'	385'	Andesite - fine grained - some shearing with scattered Diss. pyrite - also odd grain of pyrrhotite
385'	430'	Andesite - fine grained in places amygdaloidal Flow structure
430'	442'	Andesite - med. grained Dioritic in appearance
455'	458'	Andesite - fine grained and massive
458'	497'	Andesite - flow structure - numerous quartz stringers - Amygdaloidal in places 458' Possible fault zone at 75° to core Silicified fault gauge on pyroclastic material 488'-490' - Pyroclastic material (or possible fault zone) Drillers report mud seam. 497' - End of Hole.

HOLE NO.