



Occurrence Details

Occurrence Number: 115J 055

Occurrence Name: Kirkman

Occurrence Type: Hard-rock

Status: Unknown

Date printed: 6/14/2025 10:21:09 PM

General Information

Aliases: Fannin Reef

Deposit Type(s): Unknown

Location(s): 62°59'24" N - -139°22'47" W

NTS Mapsheet(s): 115J14

Location Comments: .5 Kilometres

Hand Samples Available: Yes

Last Reviewed:

Capsule

WORK HISTORY

Staked as Fannin Reef claim (4609), etc in Jul/1900.

Staked within DM cl 428-506 (YD60918) in Jun/2010 by joint venture partners ATAC Resources Ltd and Arcus Development Group Inc. The claims were subject to an earlier option agreement signed in Jun/2009 whereby Arcus Development optioned a 50% interest in the Dan Man (Minfile Occurrence #115J 112) property. The group also staked DM cl 507F (YD60997), cl 508-544 (YD60998), cl 545F (YD61035) and cl 546-578 (YD61036) at the same time. Combined these claims cover all of the DM claims located on the north side of the Yukon River. Unlike the claims located on the south side of the river which lie within the Whitehorse Mining Recorder's District, the northern claims lie within the Dawson City Mining Recorder's District. During the summer of 2010, Arcus Development carried out an auger soil sampling program on eastern half, of the northern claim block.

In Mar/2011 Arcus Development flew an airborne magnetometer survey over the entire Dan Man property including the area around this occurrence. The company also carried out ridge crest and spur auger soil sampling in the vicinity of this occurrence.

GEOLOGY

The occurrence is located at the junction of Kirkman Creek and the Yukon River in west-central Yukon. The area was reconnaissance mapped by D. Templeman-Kluit in 1974. Gordey and Makepeace (2003) released a geological compilation that covered this area. Ryan and Gordey remapped the Stewart River map sheet area (NTS 115N&O) in the early 2000's, which included most of the area located north of the Yukon River. They released a geology map in 2004 and a geological compilation in 2005. The compilation map differed slightly from the earlier map due to revisions related to newly disclosed age dating results. Since then Gordey and Ryan and others have carried geological mapping to the south onto topographic map sheet 115J&K. A preliminary geological compilation covering parts of 115 O&N and 115J&K is slated for release sometime in 2012.

The DM claims located on the north side of the Yukon River are thought to be underlain by Devonian to Mississippian metasiliciclastic and gneissic rocks assigned to the Devonian to Mississippian Nasina assemblage. Arcus Development carried out the bulk of their exploration work on the southern half of the claim block, with special attention being given to those claims bordering Kaminak Gold's Coffee claims. The company has not released any results from the airborne magnetometer survey or auger soil sampling programs carried out on the north side of the Yukon River.

REFERENCES

ARCUS DEVELOPMENT GROUP INC AND ATAC RESOURCES LTD, Apr/2011. Assessment Report #095381 by H. Smith.

ARCUS DEVELOPMENT GROUP INC, Jan/2011. Web Site: www.arcusdevelopmentgroup.com

ARCUS DEVELOPMENT GROUP INC, News Release. 10 Jun/2009, 16 Jun/2010, 30 Mar/2011, 4 May/2011, 8 Jun/2011.

ATAC RESOURCES LTD, News Release. 10 Jun/2009.

GORDEY, S.P. AND RYAN, J.J. 2005. Geology, Stewart River Area (115N, 115 O and part of 115J), Yukon Territory; Geological Survey of Canada, Open File 4970, scale 1:250 000.

TEMPELMAN-KLUIT, D.J., 1974. Reconnaissance geology of Aishihik Lake, Snag and part of Stewart River map-areas, west-central Yukon. Department of Energy Mines and Resources; Geological Survey of Canada Paper 73-41, 97 p.

YUKON EXPLORATION AND GEOLOGY 2010, p. 28, 58; 2011, p. 48, 63, 72.

Work History

Date	Work Type	Comment
6/1/2011	Geochemistry	Ridge crest and spur auger soil sampling carried out over areas never before sampled.
6/1/2010	Geochemistry	Auger soil sampling carried out on east half of northern claim block.
3/1/2011	Airborne Geophysics	Magnetometer survey flown over entire property.

Assessment Reports that overlap occurrence

Report Number	Year	Title	Worktypes	Holes Drilled	Meters Drilled
096106	2011	Geochemical Sampling, Geophysical Surveying, Trench Reclamation and Diamond Drilling at the Dan Man Property	Magnetic - Airborne Geophysics, Magnetic - Airborne Geophysics, Reclamation - Development, Surface, Reclamation - Development, Surface, Diamond - Drilling, Diamond - Drilling, Drill Core - Geochemistry, Drill Core - Geochemistry, Rock - Geochemistry, Rock - Geochemistry, Soil - Geochemistry, Soil - Geochemistry, Prospecting - Other, Prospecting - Other	20	3303.60

Related References

Number	Title	Page(s)	Reference Type	Document Type
2003-9/D	Yukon Digital Geology (version 2)		Yukon Geological	Open File (Geological -

1	Yukon Digital Geology (version 2)		Survey	Bedrock)
2006-1	Tectonic assemblage map of Yukon-Tanana and related terranes in Yukon and northern British Columbia (1:1 000 000 scale)		Yukon Geological Survey	Open File (Geological - Bedrock)