

About Flat Creek (prospecting lease ID 01304)

Flat Creek (visible on map 115015) is probably one of the most interesting placer gold deposit which hasn't been properly evaluated at this time.

This 38 km long creek, left tributary of the Klondike River, is located in a north-east marginal area of the Klondike plateau, toward the Tintina Trench. It lies just outside the ordinary gold routes (to access to its central part there is only a rough access-road barely visible at km 654 of the Klondike Highway, 60 km south of Dawson City) and this is probably the reason why it has been mostly neglected.

The portion of Flat Creek staked by us (the prospecting lease ID 01304) attracted the interest of the miners since the first gold rush. In fact, the section which goes from the mouth of All Gold Creek up to 3 miles upstream, has been constantly staked from 1898 up to 1962. But it has never been mined.

According with old documents and mining reports, YCGC (Yukon Consolidated Gold Corp) dedicated many attentions to Flat Creek, from 1934 to 1962, but never really decided to start the already planned dredging operation (at that time the Klondike Plateau was offering easier grounds with a lots of gold still to recover).

However, the presence of sandbars with noticeable quantities of fine gold scattered along the wide floodplain were well known among the old timers (the native population was calling this creek: "the mother of all the gold").

Probably the extended width of the valley, disseminated of swamps and muskeg, together with the presence of groundwater right below the surface (which prevented from shafting), and a deep bedrock discouraged for decades the local miners.

Today Flat Creek is still representing an appealing target: a massive mixed deposition of alluvial and glaciofluvial materials with different types of gold in it (fine and ultrafine gold on the surface, coarser specimens along the upper benches and who knows what's on the bedrock). Its favorable location, not too far from town and right beside the Klondike Highway, is also a great point of interest for the modern enterprises.

For all these reasons and for its interesting history, few years ago we decided to start prospecting this creek and we finally staked 3 miles of prospecting lease along its lower part. This coming summer we will start to test the entire property with our heavy equipment.

The plan for 2016: bulk sampling and drilling.

During our preliminary exploration campaign of the past years, we individuated several different areas to target for gold. Those areas are representing different depositional environment where we are expecting to find gold of different genesis.

We will be testing:

- 1) The upper benches, visible on the right side of the creek (toward east). These benches are located along the hillside, well visible in the field from the access road which runs toward the creek starting from the Klondike Highway, at km 654 (they're also well visible on the high-resolution satellite images of the Yukon government). The benches are showing presence of well rounded, coarse gravel and cobbles which in some cut appear to be well classified (our biggest challenge on this side of the creek is to recognize the alluvial deposits from the extended glacial-related materials which are covering the most part of these hills, toward the Tintina Trench). Our main target here is to expose the bedrock and to test it for placer gold. In order to achieve it we will dig deep cross-cutting trenches with our excavator Komatsu PC138, a powerful/small machine easy to move along the hillsides.
- 2) The area which goes from the foot of the eastern hill toward the creek. Here we intend to expose the bedrock as well, by digging deep pits (5m x 5m x 5m) and eventually drilling the frozen ground (our Komatsu has a mast attachment for an 8inch auger); we are planning to follow the profile of the bedrock and at the same time to test it for presence of gold.
- 3) The sand-bars well visible along the dead meanders of the creek. Patches of fine and ultra-fine gold of post-glacial deposition are very common all along the Flat Creek. In some case the sandbars are showing an impressive concentrations of gold (eroded from the thick glacial-related packages

deposited along the right valley-side and then re-concentrated by the creek). These minor deposits here seem to be even richer than the ones tested and recorded by us along the Clear Creek during our campaign of 2015 and they could be considered valuable targets by the future mining enterprises.