

The Significance of Prospecting at Golden Zone, Alaska

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Avidian Gold Alaska Inc's Golden Zone property, mid-way between Anchorage and Fairbanks, is 125 sq km and occurs 15 km west of the main transportation corridor between Anchorage and Fairbanks, on the southern margin of the Tintina Gold Belt (Fig. 1). Mineralization is mostly of the Intrusion Related Gold Systems (IRGS) style; analogues include Donlin Creek, Alaska, and Dublin Gulch in the Yukon Territory. The Property contains the Breccia Pipe deposit, which has a 2016 NI 43-101 Indicated Resource of 267,400 ounces Au and 1,397,800 oz Ag (4.187 Mt at 1.99 g/t Au & 10.38 g/t Ag). The resource is amenable to open pit mining and contains recoverable copper (~0.1% Cu). The deposit is an arsenopyrite-chalcopyrite-pyrite mineralized breccia pipe that forms the core of a small Cretaceous plug. The Breccia Pipe is approximately 150 m x 80 m near surface, plunging to the northeast and not fully tested below a depth of 200 m; it remains open at depth and along strike. The deposit has been the focus of much of the historical exploration. Avidian believes that the resources can be expanded somewhat, but that the Property has good potential for larger deposits.

The Property contains numerous mineral occurrences in three NNE trending structural corridors (Fig. 2). Mineralization within the Golden Zone Corridor includes quartz-arsenopyrite-sulphide veins at the Riverside prospect; similar veins and skarn mineralization at Banner; veins and shears at the GAS, Lupin, Bunkhouse, Mayflower and BLT prospects; the highly mineralized breccia and mineralized porphyry at the Breccia Pipe deposit, pyrite-rich gossans at the JJ Zone and Au-Cu mineralization in sediments proximal to a QFP at the MJ showing. This corridor is typified by anomalous Au-Ag-As-Cu-Bi ± Zn and Pb; mineralization (>5 g/t Au) occurs over a strike length of >12 km. Mineralization in the Long Creek Corridor includes skarn, replacement bodies, and probable porphyry mineralization associated with granite; hosts are carbonate-rich volcanoclastic sediments. Named prospects are Copper King, Long Creek and South Long Creek; mineralization is known to occur over a strike length of greater than 3 km. The corridor is typified by the elements Ag-Cu-Au-Bi. Mineral occurrences in the poorly understood Silver Dikes Corridor are veins and shear zones associated with granitic dikes. Characteristic elements are Ag-Bi-Pb-Zn and possibly Sn. On a property-wide scale, mineralization is known to occur from the NE end to the SW corner, a distance of greater than 16 km.

Avidian acquired the Golden Zone property in 2016; it was approximately 40.5 sq km at the time (Fig. 3). Avidian immediately initiated a campaign of re-locating and resampling known occurrences plus minor prospecting. During this field program the West Breccia occurrence was discovered, only 450 m from the Breccia Pipe deposit, which had been discovered in 1907. The West Breccia showing returned results of up to 14.6 g/t Au and 355 g/t Ag. This discovery showed that new mineralization could be discovered even in close proximity to mineralization that had been known for over a hundred years, and was instrumental in Avidian's decision to expand the property to 61.7 sq km in December 2016.

During prospecting in 2018, Avidian discovered the JJ Zone, which consists of multiple 0.5 to 3 m thick, sulphide-bearing gossans over a true width of approximately 150 m across a steep rock face that extends approximately 200 m in height; the strike length of this mineralization is on the order of 500 m. Grab samples of the gossans ran up to 6.14 g/t Au. The new zone was considered to be important on its own merits; of equal interest was the implication that significant surface zones of mineralization presumably remain to be discovered on the Property. The JJ zone was on open ground; Avidian staked an additional 44 sq km to expand its land position to 105.5 sq km. Prospecting of the newly staked

ground in 2019 led to the discovery of the MJ showing, which returned values up to 5.14 g/t Au and 4.2 g/t Au and 2.77% Cu over an area at least 200 m x 200 m. When adjacent ground became available in 2020, Avidian staked a further 19.75 sq km, to bring the Property to its present 125.25 sq km. Approximately half of the Property is accessible without using a helicopter.

The lesson from Avidian's work to date is thus that even in the Golden Zone region, an area that has in theory been prospected for upwards of 100 years, there are many important discoveries still to be made by basic prospecting. Avidian has assembled a large land package with demonstrated mineral potential, and expects to discover new mineralization in the coming years via continued prospecting.



Figure 1: Location of the Golden Zone Property in the Tintina Gold Belt

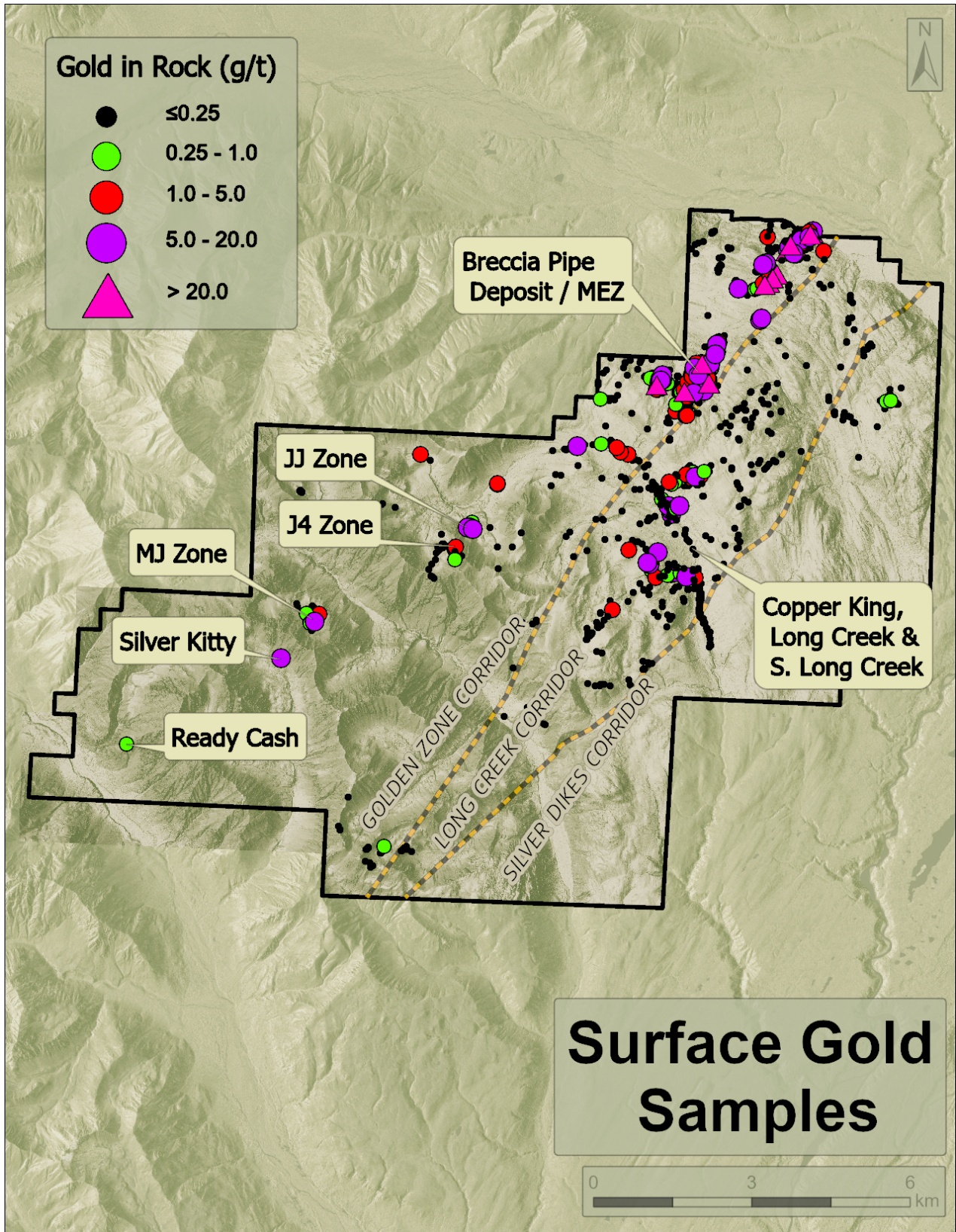


Figure 2: Property Position with Prospects and Corridors

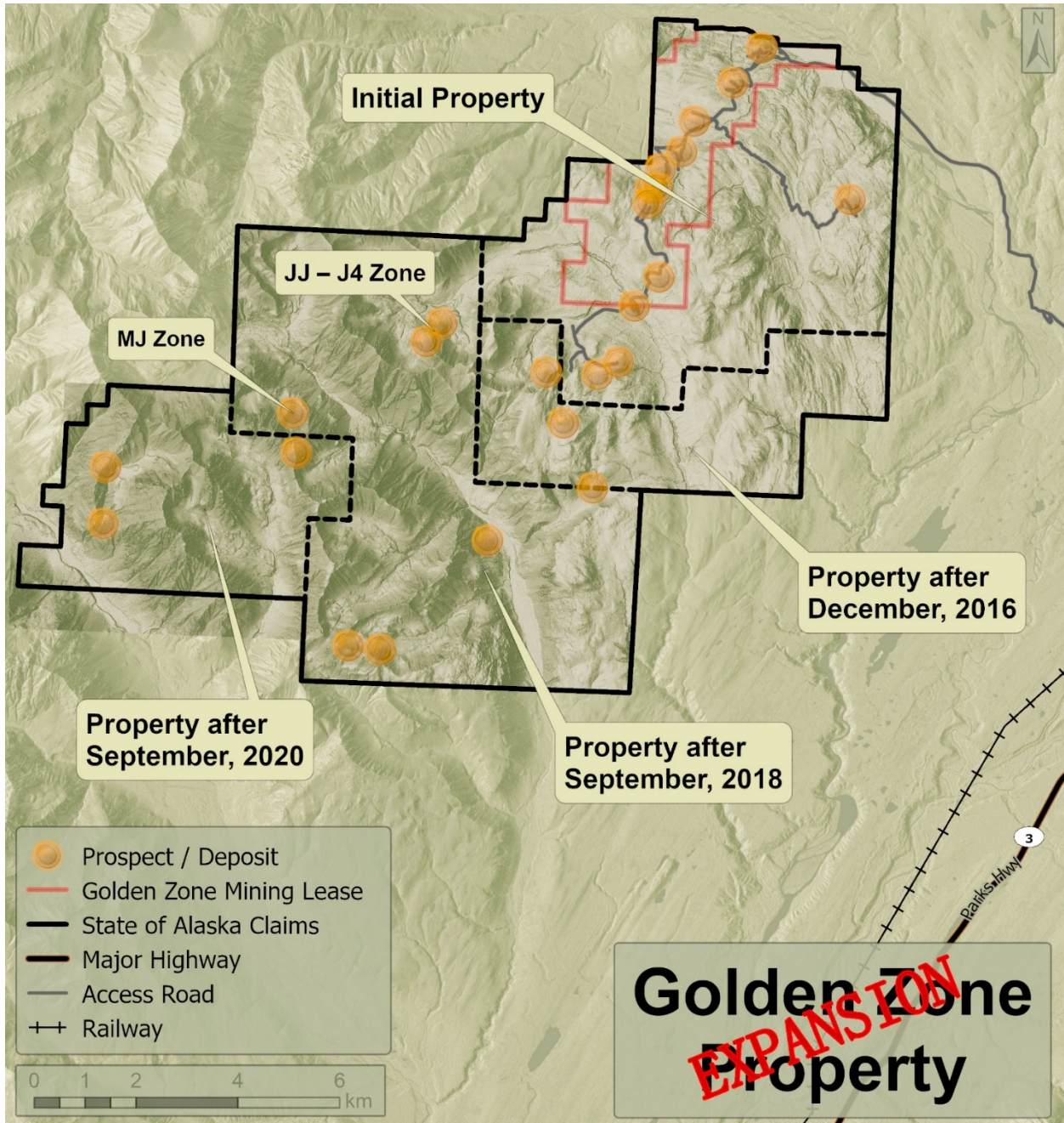


Figure 3: Golden Zone Property Expansion