

MINERAL OCCURRENCE DATABASE

OCCURENCE NUMBER:	A06-003
OCCURENCE NAME:	Westfield Gold District
COMMODITIES:	Ag, Au, Cu, Mo, Pb, W
MINERALS:	arsenopyrite, beryl, cassiterite, galena, gold, molybdenite, pyrite, scheelite, silver, pyrrhotite
STATUS:	Prospect
COUNTY:	Queens

CLAIM INFORMATION (Coordinates in UTM NAD83)					
Claim Map	Tract	Claim	Easting	Northing	Zone
21A/06D	0		341233	4919604	20
21A/06D	0		341548	4920964	20
21A/06D	0		341933	4919064	20
21A/06D	25	K	340293	4919644	20
21A/06D	0		341563	4918614	20
21A/06D	0		341473	4918954	20

HOST ROCK INFORMATION		
Stratigraphic Unit	Age	Host Rock(s)
Halifax Formation	Ordovician	Slate

LOCATION DIRECTIONS

The Westfield showings occur between Rosette Rd and Westfield Rd along either side of the Westfield River in Queens County. Access is excellent along gravel roads and several woods roads provide additional access.

The Jumbo vein is easily accessible and outcrops south of the Old Westfield Rd approximately 2.5 km east of the Rosette/Old Westfield Road junction.

ALTERATION

albite

greisenization

Hydrothermal

MODE OF OCCURRENCE

Float

greisen

veins

SURVEYS

diamond drilling

rock geochemical

shaft

soil geochemical

trenching

GEOLOGICAL DESCRIPTION

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The Westfield workings occur along the south limb of a synclinal structure which diverges from the typical location for Meguma type gold deposits.

The Westfield quartz veining is a result of a fissure style that runs sub-parallel to the strike of the host rocks.

The Property is underlain by Meguma Group Halifax Fm. primarily composes of slates and metasediments. To the north of the district, the Devonian SMB fine-grained leucomonzogranite intrudes the Meguma Group units.

The Jumbo Vein occurs within an envelope of greisenization. It is up to 18 m wide and extends for several hundred metres along strike.

PREVIOUS WORK

The Westfield district primarily focused historical exploration work on the Jumbo Vein. Historic underground development consists of a 22 m deep shaft on the Jumbo vein. A 50' cross cut drift to the south was completed near the bottom of the shaft with poor results. Faribault recommended a 1600' crosscut to the north but this was abandoned and never completed. Sampling at depth returned low values.

In 1983, O'Reilly sampled sulphide bearing quartz from the Jumbo vein and other smaller veins in sediments located just to the north. These samples returned gold values up to 37.19 g/t Au and 11.6 ppm Ag. Samples collected in riverside pits north of the Jumbo veins also returned values up to 55,200 ppm W, 1,200 ppm Sn, 0.55% Pb, 117 g/t Ag and 2.2% Zn.

In 1984, Seabright completed 5 diamond drill holes for a total of 674.8 m. Drilling results returned 1,800 ppb Au over 0.33' and anomalous values of W were returned up to 6,000 ppm over 0.25' as well as values of Cu, Pb and Zn.

In 2013, Quest Rare Minerals and Richman visited the known showings and collected 18 rock samples including from the Jumbo Vein, Garbage Vein and the main Westfield showing on the west side of the river at the site of the three pits. The Jumbo vein samples returned low Au values and anomalous W (41 to 64 ppm). A sample collected from altered Halifax Fm metawacke near a road paralleling the Westfield River returned 2,050 ppb Au and 4,070 ppm W.

In 2017, MacKinnon carried out a sampling program consisting of a single line of 19 samples. Several grab samples were also collected. The former returned a number of anomalous values for gold and other elements, the latter returned a >2g/t Au value.

In 2021, and due to the success of the 2017 program, MacKinnon carried out a MIG Soil sampling survey adjacent to and paralleling the 2017 survey. In total, 82 soil samples were collected on EL 53098 and EL 10217. Samples were analyzed for 62 elements including Au. 42 of the samples returned values above detection, with a high of 0.31 ppb, indicating widespread anomalous gold and arsenic values throughout the claims (MacKinnon 2022).

SITE DESCRIPTION

Westfield Mining Company Jumbo Reef Shaft (22 m) is backfilled. The Jumbo vein is easily accessible and outcrops south of the Old Westfield Rd.

COMMENTS

BIBLIOGRAPHY

Black, D. L., 1985: Report of Exploration Work carried out by Seabright Resources Inc., Westfield. AR85-074. ISN: 8308.

MacKinnon, P., 2022: Westfield 2021 MIG Soil Sampling Survey Queens County, NS, Westfield Licenses 10217 and 53098.

MacKinnon, P., 2014: Westfield Sampling and Recon. ISN: 23980.

POSSIBLE RESTRICTIONS

UPDATED

Field checked by: M. MacDonald, 1985; K. MacRae, August 2023.

Updated by: S. Hughes, October 1995; K. MacRae, August 2023, April 2024.