

**Teuton Resources Corp. Properties**  
Treaty Creek | Del Norte | Leduc Silver | Clone Gold | Bonsai  
Four J's | Tennyson | Konkin Silver | Roman

803534

## Treaty Creek

[Return to Treaty Creek Page](#)

---

### Summary

Updated July 18, 2007

The Treaty Creek property covers the northeast extension of favourable geological units that host multi-million ounce gold and gold-copper deposits on the Sulphurets area properties of Seabridge Gold and Silver Standard Resources. Total mineral endowment on these latter properties currently stands at 20 million ounces of gold and 4.98 billion pounds of copper.

Treaty Creek covers 28,200 acres (11,400 hectares) and features several low-grade bulk tonnage gold or gold-copper targets of the Sulphurets type, as well as high-grade gold-silver epithermal-type targets (see table below).

Currently the property is under option to American Creek Resources ("AMK"-TSXV). Under the terms of the option American Creek must spend \$1 million in the first year, and an aggregate \$5 million over the three year term of the option.

American Creek is currently mobilizing personnel, drills and a camp in preparation for a major drill program at Treaty Creek to begin in late July, 2007.

**[CLICK HERE](#) to view a recently compiled PowerPoint presentation on Treaty Creek.**

***" Both the Eureka and north lake  
zones have some lithologic  
similarities to the nearby Eskay  
Creek high grade deposits ".***

***Edward Grove, Ph.D., P. Eng.***

### Location

The Treaty Creek property is situated 20 kilometres east of the producing Eskay Creek Mine. Access is by helicopter from the Eskay Creek mine road to the northwest, or from the Cassiar-Stewart Highway to the east. The active Kerr-Sulphurets property of Seabridge Gold, currently under option to Falconbridge Gold, adjoins to the south.

### Mineralized Showings

#### **Treaty Gossan (Eureka-North Lake-Orpiment zones)**

A 2 kilometre long by 600 to 1,000 metre wide zone of highly altered rocks forms a prominent "red-thumb" gossan in the central portion of the Treaty Creek property. Native sulfur and alunite have been found atop the height of land in the southern portion of the gossan. Further north, in an area exposed by retreating ice, 1993 trenching uncovered gold values ranging up to 0.095 oz/ton gold across 14.0 metres ( Eureka zone). Drilling in the Eureka in 1994 (six holes) and again in 1997 (2 holes) returned long intercepts of low-grade gold mineralization. The best of these holes ran 0.67 g/t gold over 74.7m (228 feet). Another hole cut a very long intercept of lower grade gold: 0.46 g/t over 169m. Anomalous gold values were also detected during a rock geochem survey (1980, 1991) in the North Lake area, several hundred metres north of the Eureka zone. Across Treaty Glacier at the northern extent of the gossan, trenching of the Orpiment zone (so-called because of locally abundant, large orpiment crystals) in 1993 also encountered anomalous gold values.

Abundant orpiment is rare in the Stewart area and is most notably found (other than at Treaty Creek) in certain of the deposits at Eskay Creek, now being mined by Barrick Gold. Other geological similarities between the two areas have been noted by geologists. In a 1996 geological report on the Treaty Creek

property, Edward Grove, Ph.D., P.Eng., wrote: " Both the Eureka and north lake zones have some lithologic similarities to the nearby Eskay Creek high grade deposits ". Among these is the presence of pillow lavas. At Eskay Creek, pillow lavas occur stratigraphically above some of the mineral deposits; at Treaty Creek, pillow lavas occur above the altered suite of rocks hosting the gold anomalous zones in the Treaty Gossan area.

### Southwest Nunatak & GR 2 Zones

The southwest nunatak is a narrow, 3 km long northeast trending rock exposure bounded by the Treaty Glacier and surrounding snowfields. It lies about 2 km west of the Treaty Gossan, the other main mineralized area on the property.

Five mineralized showings have been discovered along the length of the nunatak by prospecting since the property was first acquired. The first of these is the Konkin zone, from which surface chip and trench samples returned values up to 28.0 oz/ton gold over 1.3 metres in skarn-like rocks. About a hundred metres to the northeast, a broad zone of anomalous gold values occurs in andesite intruded by diorite, the so-called Goat Trail zone. Southerly, at the height of land, trenching of the AW and Ridge zone areas returned values up to 7.6 metres grading 0.457 oz/ton gold, 10.34 oz/ton silver, 1.05% copper, 4.70% lead and 0.87% zinc. Elevated gold-arsenic values were also along a 300 metre long, linear zone of alteration beginning at the extreme SW end of the nunatak, the Southwest zone. The Konkin, Goat Trail, AW, GR2 and Southwest zones have all been tested by drilling at various times, with mixed results.

### Selected Silver and Gold Trench Results from Treaty Creek

TRENCH RESULTS				
Structure	Trench/Chipline	Width	Gold	Silver (oz/ton)
AW	#4	0.9	0.043	98.0
AW	#6	2.7	0.108	31.1
AW	#7	4.1	0.07	18.7
AW	#9	0.9	--	18.8
AW	#12	1.3	0.05	15.4
AW	#13	3.0	--	19.4
AW	#14a	2.8	0.218	10.1
AW	#14b	4.0	--	16.2
AW	AW-1	8.7	0.457	10.3
AW	AW-2	6.4	0.033	23.5
AW	AW-3	5.0	0.02	30.6
GR-2	A-1	4.0	0.115	11.3
GR-2	A-2	1.7	0.020	67.0
GR-2	B-1	3.8	0.138	72.2
GR-2	B-2	4.6	0.039	14.7
Konkin	Gold Pit	1.3	28.0	--

### History and Property Status

Prominent "red thumb" zones of alteration on the Treaty Creek property were first prospected in the late 1920's. This early work located mineralized float boulders but the remoteness of the property at the time precluded detailed follow-up.

Teuton first acquired the claims by staking in 1983. From 1984-88, Teuton prospectors identified several gold anomalous areas, mostly along a nunatak lying within the southwestern portion of the property. In 1989, prompted by the Eskay Creek discovery, the property was optioned to Tantalus Resources, a Prime Resources group company. From 1989-1992 Tantalus spent approximately \$1.5 million exploring the claims, discovering several new zones of interest including the AW, Ridge, GR-2, Ball Pyrite and Orpiment zones. After the property was returned to Teuton in 1993, Company personnel discovered the new Eureka gold-silver zone at the edge of Treaty Glacier. This led to an option with Homestake Canada, operator of

the Eskay Creek mine. Homestake drilled six holes into the Eureka Zone in 1994 before returning the property to Teuton the following year. In 1997 the property was again optioned to a VSE listed company called Global Explorations. Global drilled 7 holes testing three separate areas of the property. Although encouraging results were obtained, Global decided not to continue with the option.

In 2002, the Treaty Creek property was optioned to Glenfred Holdings Inc., a private company later wholly acquired by TSX-Venture listed Heritage Explorations Ltd. (which latter company has now been amalgamated with St. Andrew Goldfields). Work undertaken by Heritage since entering into the option included: incorporation of all historical data on Treaty Creek exploration into the proprietary Geoinformatics computer modeling programs; a reconnaissance stream sediment survey; drilling of a single diamond drill hole into a target identified in a previously untested area of the property (this hole was not successful); and, completion of an airborne geophysical survey. Heritage returned the property to Teuton in early 2006.

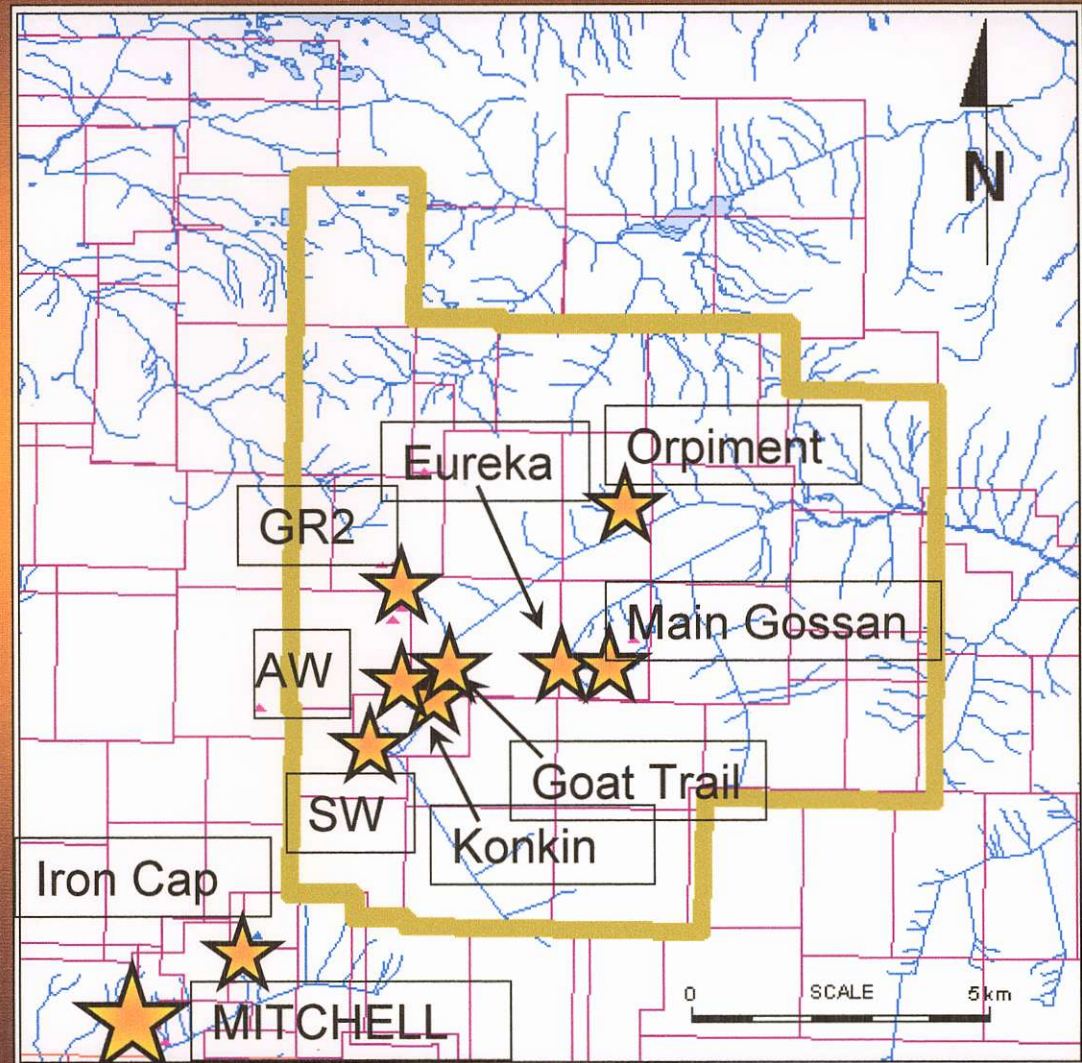




# TREATY CREEK PROJECT

## Mineral Showings

- **MAIN GOSSAN:** advanced argillic alteration, silica-alunite-native sulphur assemblage, quartz stockwork, strong surface leaching, very abundant pyrite
- **NORTH GOSSAN:** argillic to moderate propylitic alteration including alunite-native sulphur zones typical of high-sulphidation systems
- **KONKIN :** Associated quartz stockwork and veins contain high-grade Au
- **SW (SOUTHWEST) :** Arsenopyrite-gold in linear stockwork zone
- **GR2 :** Shear-hosted Ag-Au-Pb-Zn-Cu-Sb
- **GOAT TRAIL :** Bulk tonnage Au target
- **AW :** Polymetallic veins & shears
- **EUREKA:** Bulk Tonnage Au and Au-Cu targets, vuggy silica







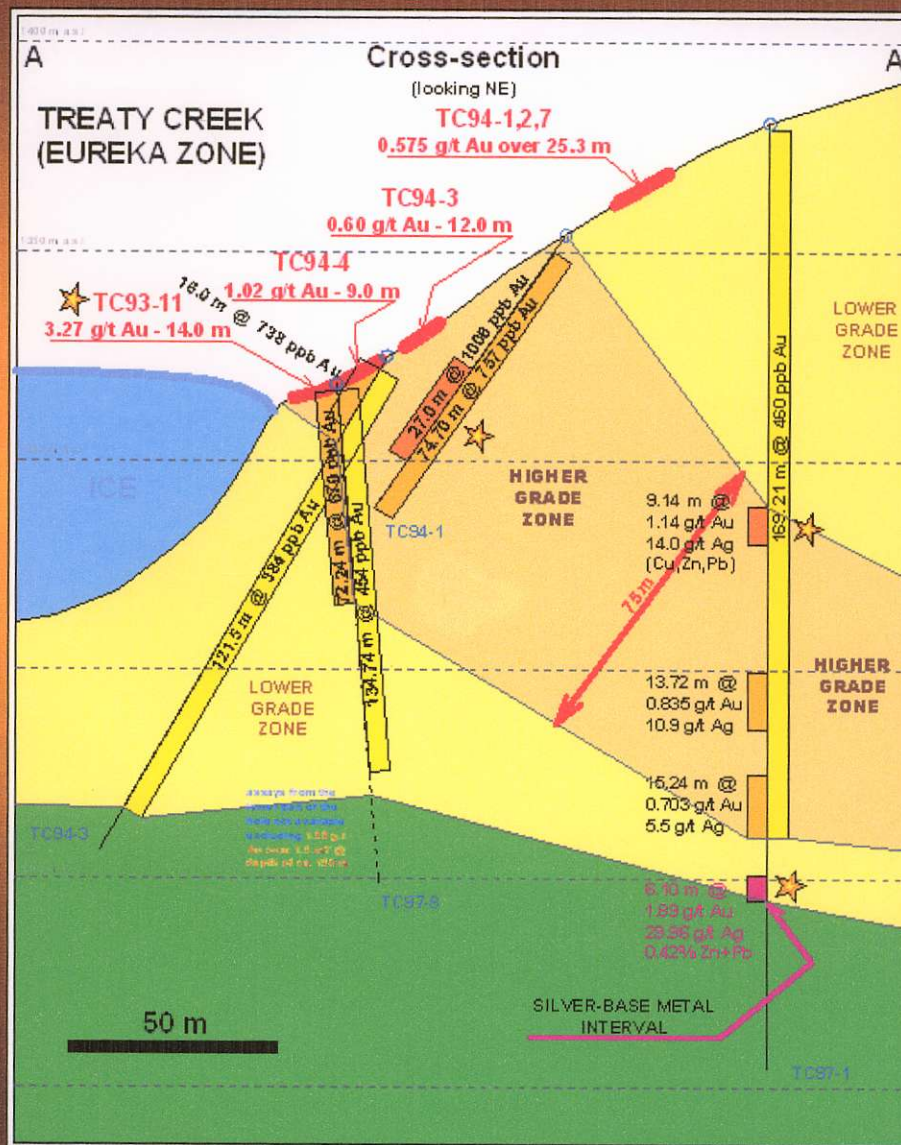


# TREATY CREEK PROJECT

## 1994-97 Drilling Results - Eureka Zone; Cross-Section

### Eureka Zone:

- True thickness of higher-grade (0.7-1.5 g/t Au) zone attains 75-100 metres
- Lower-grade zone reaches almost 200 metres
- Bulk tonnage open pit potential
- Additional system enriched in gold, silver and base metals discovered at depth





# TREATY CREEK PROJECT

## Trenching & Drilling - Selected Results

### TRENCHES

- 28.0 opt Au over 1.2 m - "Konkin Gold Pit" (Konkin Zone , 1987)
- 3.44 g/t Au over 10.5 m - Trench (Eureka Zone, 1993)
- 0.457 opt Au (10.3 opt Ag) over 8.7 m – Trench AW1 (AW Zone)
- 0,043 opt Au (98.0 opt Ag!) over 0.9 m – Chipline #4 (AW Zone)
- 0.138 opt Au (72.2 opt Ag!) over 3.8 m – Trench B-1 (GR-2 Zone)

### DIAMOND DRILL HOLES

- 0.649 g/t over 41.3 m incl. 0.039 opt over 6.1 m (TA-89-5; 1989);  
TA-89-6 stopped in mineralization (last 22.78 m – 0.630 g/t Au)
- 0.414 g/t over 48.2 m (TA-89-7) and 0.249 opt - 1.8 m (TA-89-3)
- 0.757 g/t Au over 74.7 m from surface, (TC94-1, 1994, Eureka Zone);  
hole stopped in mineralization (last 10 m – 0.790 g/t Au)
- 0.46 g/t Au over 169.2 m from surface (TC97-1) and 0.67 gpt Au over  
72.3 metres from surface (TC-97-8) – Eureka Zone
- 1.65 g/t Au over 9.15 m from surface (TC97-2) – Goat Trail Zone
- 5.49 g/t Au over 4.57 m (TC97-6) – Southwest Zone



# TREATY CREEK PROJECT

## Exploration

- ❖ 1928-1930? Prospectors Williams and Knipple discovered gold mineralization and staked claims in the Treaty Creek area
- ❖ 1984 Teuton Resources Corporation acquired the Treaty Creek claims
- ❖ 1984-1988 Teuton carried out stream, soil and rock sampling, trenching, mapping and a small drill program (1987). Various zones discovered including the Konkin (28.0 opt Au over 1.2 m in trench sample, "Konkin Gold Pit") and Goat Trail
- ❖ 1989-1992 Tantalus option: sampling, trenching, reconnaissance mapping, Vlf-EM survey, drilling; discovery of new mineral zones: AW, Ridge, GR-2, Ball Pyrite and Orpiment. 11 diamond drill holes completed on the Konkin and Goat Trail Zones
- ❖ 1993-1994 Homestake option: sampling, trenching, mapping, drilling (Eureka and Orpiment Zones)
  - 1994 – 8 diamond drill holes on Eureka and Orpiment Zones
- ❖ 1997 Global Ex. option: drilling
  - 1997 – 8 drill holes on Eureka, Goat Trail and Southwest Zones
- ❖ 2002-2005 Heritage Explorations: airborne EM survey, data compilation. One drill hole on east side of Treaty Gossan