St. Joe
822643

DESCRIPTIVE NOTES

Target 1 (Au & Ag values old reports).

Large silicified pyritic breccia structure.
1983 Follow-up: Trenching and sampling.
Results: 43 samples assayed, only trace Au and Ag.
Conclusion: Uneconomic.

Target 2 UTEM anomaly.

Located 1982; details St. Joe Year End Report 1982 by D.L. Pighin.
1983 Follow-up: Diamond drilling.
Results: No conductive sulphides.
Conclusion: Conductive clay at bedrock-overburden interface.
See section A.A. above.

Target 3 Soil Geochem anomaly.

Located 1982; details St. Joe Year End Report 1982 by D.L. Pighin.
1983 Follow-up: Detailed grid soil geochemistry and trenching.
Results: Aldridge sediments exposed in trenches, no Pb-Zn mineralization.
Conclusion: Hydromorphic dispersion of metal from known galena, sphalerite bearing quartz veins.

Target 4 Soil Geochem anomaly.

Located 1982; details St. Joe Year End Report 1982 by D.L. Pighin.
1983 Follow-up: Detailed grid soil geochemistry and trenching.
Results: NW trending fault containing 2.5 meters of indigenous limonite.

Assays: 1.0 meters at .033 oz Au, .25 oz Ag, 1.22% Pb, .39% Zn.
1.0 meters at .007 oz Au, .41 oz Ag, 1.22% Pb, .39% Zn.
.5 meters at .002 oz Au, .25 oz Ag, .45% Pb, .27% Zn.
Conclusions: SE extention of the Belleville vein system and probable NW extention of the Vine vein structure. May have economic potential at depth and along strike.

New Target 1983 Au

Old report by previous operator drill intersection 14' @ 1.6 oz Au.
1983 Follow-up: Trenching on fragmental and quartz monzonite.
Results: Old hole found, hydrothermal alteration of the fragmental and quartz monzonite is apparent.
Conclusion: Type of alteration present in these rocks is commonly associated with Au mineralization.
Recommendation: Drilling adjacent to old hole.

ECONOMICALLY SIGNIFICANT GEOLOGICAL POINTS

POINT A

Belleville vein; possible NW extention of the Vine vein.
Same attitude and sulphide assemblage (pyrrhotite, pyrite, arsenopyrite, sphalerite and galena.
Average width 18" average grade 0.36 oz Au 0.3 oz Ag

POINT A

Belleville vein; possible NW extention of the Vine vein.
Same attitude and sulphide assemblage (pyrrhotite, pyrite, arsenopyrite, sphalerite and galena.
Average width 18", average grade 0.36 oz Au, 0.3 oz Ag.
No Pb-Zn assays.
Data source Belleville Group Report L. Telfer 1939.

POINT B

Small Aldridge Fragmental.
Some Tourmalinite clasts, some massive pyrrhotite clasts.
Underlain by discontinuous tourmalinite beds.
Overlain in part by a stratiform massive pyrrhotite lens.
Pyrrhotite assays .3% Pb and 0.5% Zn.
Trenched and mapped see St. Joe Year End Report 1982 by D.L. Pighin.

POINT C

Aldridge fragmental relatively large, open to the north.
Contains abundant carbonate, chlorite, biotite and some FeS.
Maximum metal values for the fragmental are Pb 282 ppm, Zn 286 ppm, Cu 213 ppm and As 161 ppm.
The fragmental is cut by small quartz veins which contain Sullivan age lead.
Trenched and mapped, see St. Joe Year End Report 1982 by D.L. Pighin.

EXPLORATION & GEOLOGY

Comaplex

Drawn by: D.L. Pighin		Traced by:	
Revised by	Date	Revised by	Date

ST. JOE PROPERTY
FINAL REPORT 1983

Scale: As Shown | Date: Dec. 1983 | Plate: