



**PISTOL BAY**  
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## **PISTOL BAY RETAINS MPH CONSULTING LIMITED TO REVIEW HISTORICAL DATA**

**October 5, 2016:** Pistol Bay Mining Inc. (TSX-V - PST; Frankfurt - OQS2) (the “Company”) is pleased to announce that the Company has retained MPH Consulting Limited to carry out a review of all historical geophysical surveys on the Dixie zinc-copper-silver Projects, in preparation for a planned fall diamond drilling program. The Dixie Projects are in the Confederation Lake greenstone belt, 35 kilometres southeast of Red Lake, Ontario. The Confederation Lake belt is known for its numerous Volcanogenic Massive Sulphide (VMS) deposits and occurrences.

During the course of previous exploration between 1977 and 2004 by Selco Ltd., BP Minerals, Noranda and Tribute Minerals Inc. (now Aurcrest Gold Inc.), numerous ground geophysical surveys were carried out, including magnetic surveying, horizontal loop EM, Large-loop Pulse EM surveys - both surface and borehole, and a Titan 24 Deep Earth Imaging survey that comprises DCIP and magneto-telluric surveys, also including a borehole probe. The Titan 24 survey defined a new “blind” anomaly (i.e. one which does not come to surface) beneath the Dixie 19 zone. Two diamond drill holes put down in 2002 tested what appeared to be the top of this zone. Drill hole DX2002-01 was reported to have intersected 1.25 metres averaging 9.71% Zn, 0.20% Cu and 10.7 g/t Ag, and drill hole DX2002-04 reportedly cut 1.25 metres averaging 5.32% Zn. These intersections were at vertical depths of 262 and 350 metres respectively. No deeper drilling was done on this target, despite the interpretation that the top of the conductor was at 375 metres below surface.

A second, much larger, and much deeper conductive anomaly, was located approximately coincident with, but below the Dixie 20 (also known as “Dixie Gap”) anomaly. The conductive body, modelled by inversion of magneto-telluric (“MT”) data, has an irregular shape, but was reported to extend over an east-west length of 1,800 metres. One diamond drill hole, DX-2003-01A may have intersected the top of the conductive zone. This hole cut a wide zone of altered felsic pyroclastic rocks, with variable pyrite content. The highest individual assays were 0.98% Zn and 1.13% Cu. Down-hole electromagnetic surveying indicated that this hole had penetrated a large (up to 800 × 800 metres) conductive body close to its edge. Another model of the surface MT data suggested that the low-resistivity zone may trend close to north-south, i.e. sub-parallel to the survey lines and sub-parallel to the drill hole put down to test it. If this were the case, it might reflect a cross-cutting alteration pipe of the type that forms below strata-bound VMS deposits.

Because of the complexity of the historical data, the Company has requested a critical review of all the past geophysical surveys that will lead to prioritizing targets for future exploratory drilling. The review will be carried out by Jeremy S. Brett, M.Sc., P.Geo., Senior Geophysical Consultant, at MPH Consulting Limited.

Field work has successfully located drill hole collars on the Dixie 18, 19 and 20 zones. Further field work will concentrate on the Dixie 17 zone. A differential GPS will then be used to precisely pinpoint drill hole collars to improve the accuracy of plans and cross sections of the mineralized zones.

In addition to the "lower Dixie 19" and Dixie 20 anomalies referred to, earlier drilling had located and partially delineated three separate mineralized zones, with the following highlights:

- the Dixie 17 zone, with reported drill intercepts that include a 9.5 metre core length averaging 7.34% zinc and 1.4% copper;
- the Dixie 19 zone, with reported drill intercepts over a 500 metre length, including 6.33% zinc and 1.5% copper over a core length of 3.55 metres;
- the Dixie 18 zone, with reported drill intercepts over a length of 250 metres and to a depth of 150 metres, including 15.44% zinc, 0.43% copper and 20.9 grams/tonne silver over a 4.3 metre core length. Noranda reported an estimated resource (non 43-101 compliant) of 150,000 short tons averaging 14% Zn.

*Technical material in this news release has been prepared and/or reviewed by Colin Bowdidge, Ph.D., P.Geo., a Qualified Person as defined in National Instrument 43-101.*

### **About Pistol Bay Mining Inc.**

Pistol Bay Mining Inc. is a diversified Junior Canadian Mineral Exploration Company with a focus on precious and base metal properties in North America. For additional information please contact Charles Desjardins – [pistolbaymining@gmail.com](mailto:pistolbaymining@gmail.com) - at Pistol Bay Mining Inc.

On Behalf of the Board of Directors  
**PISTOL BAY MINING INC.**

"Charles Desjardins"

Charles Desjardins,  
President and Director

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