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# 2019 INDUCED POLARIZATION / MAGNETOMETER GEOPHYSICAL SURVEY: RIDOUT GRID, MALLARD GOLD PROPERTY

MALLARD TOWNSHIP Porcupine Mining Division, Ontario, Canada



FANCAMP EXPLORATION LTD. 340 VICTORIA AVE. Westmount, Quebec H3z 2m8

March 31st, 2020

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# EXECUTIVE SUMMARY

Fancamp Exploration Ltd. ("Fancamp") requested the author to complete a technical report for assessment purposes on an Induced Polarization ("IP") and magnetometer geophysical survey that was completed on the Ridout Grid, located on the Mallard Gold Property.

The Mallard Gold Property ("Property") is situated within Mallard Township, and consists of 270 unpatented mining claim cells totaling approximately 5,104.8 ha. The Property is bounded by UTM NAD83 Z17N coordinates 400850E to 408600E, and 5280400N to 5288050N, and is covered by National Topographic System (NTS) map sheet 410/09.

In the fall of 2019, Fancamp Exploration Ltd. completed 12.0 km of line cutting, 8.0 km of IP geophysical surveying, and 12.0 km of magnetometer geophysical surveying on the Ridout Grid. This report describes the technical aspects of the surveys and subsequent results, and makes recommendations for additional exploration programs on the Property.

# **1.0 INTRODUCTION**

In the fall of 2019, Fancamp Exploration Ltd. ("Fancamp") completed 12.0 km of line cutting, 8.0 km of Induced Polarization ("IP") and 12.0 km of magnetometer geophysical surveying on the Mallard Gold Property. Line cutting was completed from November 6<sup>th</sup> to 19<sup>th</sup>, and geophysical surveying was completed between November 17<sup>th</sup> to 25<sup>th</sup>, 2019.

The work was proposed after anomalous B-horizon gold values were returned from a geochemical survey that was completed in July, 2019. The geochemical survey covers a portion of the projected extension of the Ridout Fault Zone, as suggested by the OGS, or a second-order structure related to it. Numerous gold occurrences and deposits are associated with this major crustal break, including the Juby and Cote Lake deposits, as well as the past-producing Jerome Mine.

This report describes the technical aspects of the surveys and subsequent results, and makes recommendations for additional exploration programs on the Property.

# 2.0 PROPERTY DETAILS

#### 2.1 Location and Access

The Property is situated approximately 110 km southwest of the City of Timmins, and 170 km northwest of Sudbury, Ontario. Access to the Property is obtained by the Mallard Rd. that turns north off of the Sultan Industrial Rd. approximately 44 km west along the Sultan Road from where it intersects Highway 144.

The Property is bounded by UTM NAD83 Z17N coordinates 400850E to 408600E, and 5280400N to 5288050N and is covered by National Topographic System (NTS) map sheet 410/09.

A full range of services and supplies are provided in the cities of Timmins and Sudbury.

# 2.2 Topography and Vegetation

The local terrain consists of gently rolling topography with local ridges and cliffs. Typical vegetation on the Property consists of a boreal forest with a mixture of coniferous and deciduous trees, including poplar, birch, spruce, jack pine, cedar, alders, and willows. The elevation of the Property is approximately 400 m ASL and the maximum topographical relief is generally less than 50 m.

### 2.3 Claims

The Property is situated in Mallard Township and consists of 270 unpatented mining claim cells totaling approximately 5,104.8 ha (Table 1, Figure 2).



Figure 1: General Location of the Mallard Gold Property, Ontario.

Township /	Tenure		Anniversary	Work	Total
Area	ID	Tenure Type	Date	Required	Reserve
MALLARD	318213	Boundary Cell Mining Claim	2020-06-03	\$200	\$0
MALLARD	339090	Boundary Cell Mining Claim	2020-06-03	\$200	\$0
MALLARD	298778	Boundary Cell Mining Claim	2020-06-03	\$200	\$0
MALLARD	300233	Boundary Cell Mining Claim	2020-06-03	\$200	\$0
MALLARD	112632	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	331870	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	328701	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	319745	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	303508	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	268783	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	268782	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	248553	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	230723	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	225440	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	225439	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	166047	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	145298	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	135543	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	130611	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	114093	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	113721	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	331182	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	287975	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	252480	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	251397	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	248344	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	240842	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	234042	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	216894	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	204297	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	186409	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	174220	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	168019	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	168018	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	148654	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	148653	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	132565	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	132564	Single Cell Mining Claim	2020-09-14	\$400	\$0

### Table 1: Claim Details of the Mallard Gold Property

Township /	Tenure	_	Anniversary	Work	Total
Area	ID	Tenure Type	Date	Required	Reserve
MALLARD	114753	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	113722	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	327342	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	307829	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	278005	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	278004	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	260017	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	224075	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	212007	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	204009	Single Cell Mining Claim	2020-09-14	\$400	\$40
MALLARD	145297	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	145296	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	114754	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	333139	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	333138	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	333137	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332386	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332385	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332138	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	329396	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	269436	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	268708	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	215537	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	214021	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	195997	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	194737	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	194736	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	168587	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	166703	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	333140	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	319747	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	319746	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	302410	Single Cell Mining Claim	2020-09-14	\$200	\$4
MALLARD	272545	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	253257	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	245751	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	206023	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	168588	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	150423	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	133851	Single Cell Mining Claim	2020-09-14	\$400	\$0

Township /	Tenure	Tenure Type	Anniversary	Work	Total
Area	ID		Date	Required	Reserve
MALLARD	112633	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	124052	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	320205	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	283331	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	200226	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	187505	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	187504	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	141577	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	337265	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	249867	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	241799	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	185016	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	160623	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	111192	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	318474	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	301138	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	264510	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	244467	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	205253	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	197289	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	152641	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	152640	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	149158	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	133064	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	132555	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	107520	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332169	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	317933	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	317932	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	283467	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	270842	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	261297	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	234105	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	225380	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	213318	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	168072	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	113776	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	114006	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	315846	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	231479	Boundary Cell Mining Claim	2020-09-14	\$200	\$0

Township /	Tenure	Tenure Type	Anniversary	Work	Total
Area	ID		Date	Required	Reserve
MALLARD	231478	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	224813	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146568	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146567	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	114007	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332137	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	268707	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	260760	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	250027	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	224835	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	213283	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	160635	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146592	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	114017	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	260767	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	260766	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	260765	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	250032	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	224838	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	213287	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	160639	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	140640	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	161378	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	316604	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	316603	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	316602	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	315945	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	269439	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	268785	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	261994	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	195316	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	328704	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	309226	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	261334	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	225361	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	213357	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	166049	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	166048	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146607	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	114029	Boundary Cell Mining Claim	2020-09-14	\$200	\$0

Township /	Tenure	Tenure Type	Anniversary	Work	Total
Area	ID		Date	Required	Reserve
MALLARD	108003	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	332156	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	312185	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	309149	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	268728	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	250049	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	250048	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	231501	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	226140	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	218817	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	213303	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	194762	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146609	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146608	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	130546	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	114030	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	339728	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	329267	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	263813	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	250654	Single Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	232105	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	225488	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	195356	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	185017	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	149053	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	130650	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	312204	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	305455	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	305438	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	237578	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	226163	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	226162	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	189464	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	182694	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	182160	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	142974	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	137468	Boundary Cell Mining Claim	2020-09-14	\$200	\$0
MALLARD	108020	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	109248	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	339729	Single Cell Mining Claim	2020-09-14	\$400	\$0

Township /	Tenure	_	Anniversary	Work	Total
Area	ID	Tenure Type	Date	Required	Reserve
MALLARD	318349	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	263814	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	252316	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	252315	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	214401	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	214400	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	214399	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	149055	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	149054	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	132367	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	132366	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	121501	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	121500	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	113773	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332915	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	331310	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	331309	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	328667	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	315900	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	268758	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	197336	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	196825	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	194779	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	151505	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	113774	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	114062	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	332187	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	315901	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	315899	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	309186	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	309162	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	268743	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	261296	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	231515	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	225379	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	160674	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	146631	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	295479	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	248343	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	229474	Single Cell Mining Claim	2020-09-14	\$400	\$0

Township /	Tenure	Tanuna Tura	Anniversary	Work	Total
Area	ID	Tenure Type	Date	Required	Reserve
MALLARD	145642	Single Cell Mining Claim	2020-09-14	\$400	\$0
MALLARD	545821	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545822	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545823	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545824	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545825	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545826	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545827	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545828	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545829	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545830	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545831	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545832	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545833	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545834	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545835	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545836	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545837	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545838	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545839	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545840	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545841	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545842	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545843	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545844	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545845	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545846	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	545847	Single Cell Mining Claim	2021-03-14	\$400	\$0
MALLARD	147485	Boundary Cell Mining Claim	2021-03-27	\$200	\$0
MALLARD	279344	Boundary Cell Mining Claim	2021-03-27	\$200	\$0
MALLARD	231350	Boundary Cell Mining Claim	2021-03-27	\$200	\$0
MALLARD	176725	Boundary Cell Mining Claim	2021-03-27	\$200	\$0

# **3.0 PREVIOUS WORK**

1931-1935: Woman River Gold Syndicate completed trenching and pitting along the Woman River and Opeepeesway Rivers. The former later became known as the River Zone (as termed by Noranda Exploration Ltd.).

1963: Anaconda American Brass Ltd. completed 11 drill holes totaling 4,100 ft. Numerous graphitic metasediments containing sections of pyrite and pyrrhotite mineralization was interested. The logs also mention the intersection of altered feldspar porphyry with trace sulphide mineralization being intersected. Assays are not provided.

1970-1971: Bulldog Mines Ltd. completed geological mapping, magnetometer, and electromagnetic surveys.

1970-1971: Pancea Mining and Exploration Ltd. completed magnetometer and electromagnetic surveys.

1972: Claw Lake Mines Ltd. completed airborne geophysical surveys.

1974: Cominco Ltd. completed and airborne electromagnetic survey, line cutting, followed by magnetometer and electromagnetic (Max-Min) surveys.

1975-1976: US Steel International Ltd. completed prospecting, soil sampling, geological mapping and electromagnetic surveys.

1976: Gulf Minerals completed 2 drill holes west of the Opeepeesway River and south of the bridge. Assays are not provided in the drill logs.

1976: W.G. Wahl Ltd. completed two diamond drill holes totaling 256 m. The drill holes intersected a 60 cm wide section of massive pyrite and iron formation.

1979-1984: Adeline International Mines Ltd. completed line cutting, electromagnetic (VLF) & magnetometer surveys, geological mapping, stripping/trenching, and diamond drilling. Ten diamond drill holes were completed and intersected gold mineralization over narrow intervals was reported in the drill logs.

1981: Benton Resources Inc., Osway Resources Inc., Mallard Resources Inc., and the 4x4 Syndicate completed a regional airborne electromagnetic and magnetic surveys over Benton, Esther, Mallard, and Osway Townships. Several conductors were recommended for follow up.

1982: Granges Exploration AB completed line cutting and electromagnetic surveys, along with four drill holes in proximity to Opeepeesway Lake. No significant mineralization was intersected.

1984-1985: Berle Resources Ltd., Kidd Resources Ltd., and Noranda Exploration completed line cutting, soil sampling, geological mapping, magnetometer surveying, and channel sampling. Twelve drill holes totaling 6,643 ft were completed on the River and Camp Zones.

1985: Blue Falcon Gold Mines Ltd. completed airborne geophysical surveys over 15 townships in the Swayze area.

1989: Jarvis Resources Ltd. completed 9 diamond drill holes totaling 3,565 ft. The holes were proximal to the drill sites from the drilling completed by Adeline International Mines Ltd. located northwest of the Opeepeesway River bridge. No significant mineralization was noted in the drill logs.

1991-2019: R. Moring completed prospecting and diamond drilling located east of the Opeepeesway River bridge. Grab samples up to 9.2 oz/t Au were obtained from a shear zone.

1996-2000: Sterling Mac Resources/Anderson completed line cutting, geophysical surveys (Induced Polarization (IP), electromagnetic (VLF), and magnetometer), and prospecting over the River Zone and further south along the west side of the Opeepeesway River.

2001: Liberty Mineral Exploration Inc. completed mechanized stripping of geophysical targets previously outlined by Sterling Mac and Anderson along the west side of the Opeepeesway River. The anomalies were not explained, and the best assay was 122 ppb Au.

2006: D. McKinnon completed mechanized stripping northwest of the Opeepeesway River bridge. A total of approximately 1,500 m2 was exposed. No sampling was completed.

2012: Nebu Resources Inc. completed magnetometer and Induced Polarization (IP) surveys, and six diamond drill holes totaling 1,137 m on the east side of the Opeepeesway River. Low grade gold values were intersected over narrow intervals (<1m).

2013: Nebu Resources Inc. completed additional drilling on the west side of the Opeepeesway River testing additional IP anomalies. This work was not filed for assessment, and casings were pulled following the completion of the drill hole. The author attempted to retrieve the drill logs from Nebu Resources.

2018: Fancamp completed an electromagnetic and magnetic airborne survey over the present claims, and followed this up with a limited reconnaissance prospecting and geochemical program.

2019: Fancamp completed 10 diamond drill holes totalling 1,463.42 m on the Property. The program tested several IP and magnetic anomalies that coincided with anomalous grab or soil geochemical data obtained from a reconnaissance field program that was completed in the fall of 2018. During the summer months of 2019, Fancamp completed B-Horizon soil geochemical and prospecting programs over selected areas on the Property.

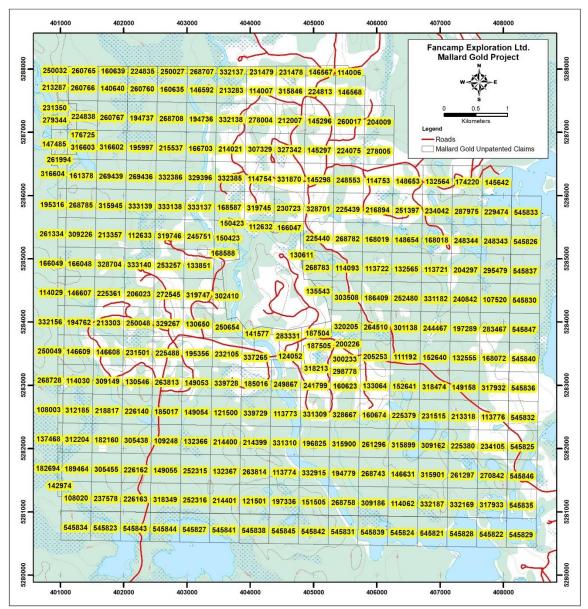


Figure 2: Tenure of the Mallard Gold Property.

### 4.0 GEOLOGY

#### 4.1 Regional Geology

The Property is located within the Swayze greenstone belt, part of the Abitibi Subprovince. The Abitibi Subprovince is an 800 by 300 km Archean granite-greenstone domain that is situated along the southern margin of the Superior Province. The Swayze greenstone belt is bound to the north by the Nat River granitoid complex, to the west by the Kapuskasing Structural Zone, the south by the Ramsey-Algoma granitoid complex, and the east by the Kenogamissi granitoid complex. Volcanic and sedimentary rocks range in age from 2731 to 2690 Ma, whereas the intrusive rocks range in age from 2740 to 2660 Ma. The volcanic and sedimentary rocks form an upward-facing, upward-younging stratigraphic sequence that is complexly folded and faulted (Heather et al, 1996).

#### 4.2 Property Geology

The geology of the Property as indicated on OGS map 2504 in figure 3 is primarily mafic volcanic rocks with bands of intermediate to felsic volcanic and volcanoclastic rocks and minor iron formation and metasedimentary rocks. The northeast portion of the claim block consists of mafic, strongly magnetic intrusive rocks, and further east, granitic rocks of the Kenogamissi granitoid complex. Regionally the Property straddles the southern limb of the Women River anticline as depicted in figure 1 (after Love, D.A., and Roberts, R.G., 1991, Economic Geology, Vol. 86, pp644-666). It is clear from the regional airborne magnetic surveys of the OGS and others that there is a major break in the magnetic characteristics of rocks in the northeastern half of the property relative to rocks in the southwestern portions. On the northern limb of the Women River anticline this magnetic contrast is marked by a significant thickness of magnetite iron formation, known as the Women River iron formation, which marks the stratigraphic top of the earliest sequence of volcanic rocks. The iron formation divides overlying mainly mafic volcanic rocks of the October Lake formation to the southwest from underlying, calcalkaline, felsic to intermediate volcanic rocks of the Strata Lake formation. The Strata Lake formation, occurs within the upper portions of the Marion Group which is thought to correlate with the Deloro assemblage of the southern Abitibi belt, based on U-Pb

geochronology, (van Breemen, et.al, 2006). On the southern limb, high magnetic signatures are in part, more likely due to gabbroic to dioritic intrusive rocks and older mafic volcanic rocks of the Rush River and Yeo formations. Iron formations, and the underlying Strata Lake felsic volcanic rocks appear to be much thinner and discontinuous on the southern limb. Iron formations do appear in some drilling done within, and just to the north of the property, and those that have been drilled appear to have anomalous gold content. A particularly good example occurs in the AIM drillhole, AIM-83-5, near the top of the hole, where approximately 16.5 m of cherty iron formation contained a weighted average of 350 ppb gold. Wahl, 1976 drilled 32 m of lean iron formation just to the north of the property, but did not submit geochemical analyses.

Much of the gold mineralization reported from past drilling is associated with weakly to moderately foliated, felsic porphyritic rocks or felsic tuffs which appear to occur as discontinuous wedges within shear zones in mafic to intermediate volcanic rocks. The mineralization is often reported to be contained within quartz- carbonate veining crosscutting these rocks. It has been speculated by a number of authors that there have been multiple stages of quartz, and/or quartz-carbonate veining but there is insufficient information to conclude which phase of veining is responsible for the gold mineralization (Flannigan, 2018).

The Ridout Fault Zone, or a second-order structure related to it, passes through the southwestern portion of the Property. Numerous gold occurrences and deposits are associated with this major crustal break and include the Juby and Cote Lake deposits, as well as the past producing Jerome Mine.

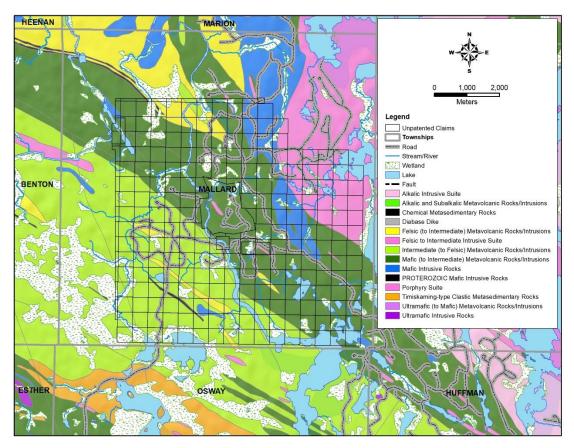


Figure 3: Property Geology (after MRD 282).

#### 5.0 2019 GEOPHYSICAL PROGRAM

#### 5.1 Methods – Induced Polarization

The Induced Polarization ("IP") method involves applying voltage across two electrodes in a pulsed manner, for example, 2 seconds on, and 2 seconds off. A second "dipole" or electrode pair measures the residual potential or voltage between them after the voltage is shut off during the 2 second off cycle. The potential is recorded at different times after the shut off. If, for example, there is sulphide mineralization within the measuring dipoles, they will be polarized or charges set up on the individual sulphide particles. This polarization gives the zone a capacitor effect, thereby delaying the current dissipation resulting in a higher chargeability reading (residual voltage), across the measuring dipoles at pre-set time windows, during the 2 second transmitter shut off period (Meikle, 2019).

A typical IP response for gold target would include a moderate to high chargeability, high resistivity, and a magnetic low. This would be characteristic of disseminated sulphide mineralization, along with alteration of the host rocks (carbonatization and/or silicification). However, this is by no means the only geological setting for gold, therefore every IP profile should be looked at individually and correlated with all other geophysical and geological data (Meikle, 2019).

A typical IP response for base metal mineralization such as copper, and or nickel would be a higher chargeability anomaly associated with a higher concentration of sulphides and a low resistivity due to the conductivity of the style of sulphide mineralization associated with this mineralization type (Meikle, 2019).

The survey was completed using a Pole-Dipole array. In this array, one current electrode ("C1"), is placed at "infinity" usually greater than 1 km from the survey area, normal to assumed strike direction. The other current electrode ("C2") is moved down a picket line in 25 m intervals, proceeded by 7 potential electrodes or dipole pairs spaced 25 m apart ("A" spacing). For a N=1 reading, the first pair of potential electrodes are placed 25 m meters from the C2 current electrode. Successive dipole electrode pairs are read from the same C2 position to obtain the remaining N=2-6, with the farthest electrode pair from the current electrode having a greater depth of penetration (Meikle, 2019).

The following survey parameters were used for the survey:

Method: Time Domain Electrode Array: Pole-Dipole "A" spacing: 25 m Number of dipoles read: N=1-6 Pulse Duration: 2 sec on/off Delay Time after current shut off to first time window: 310 ms Integration Time (width of windows): 140 ms Receiver: IRIS Elrec-Pro Transmitter: GDD 5KVA, square wave, Time Domain with 5KW Honda Mg

# 5.2 Methods – Magnetometer

A total of 12.0 km of ground magnetometer surveying was completed. Gem Systems GSM-19 overhauser magnetometers were used both field and base station units. These units have an accuracy of +/- 1/100th of a gamma. The base station cycled at 15 second intervals. Readings were taken at 12.5 m spaced intervals along the cut grid lines.

# 5.3 Results

Plan maps of the IP (chargeability, resistivity), IP pseudosections, and magnetometer results are provided at a scale of 1:2500 in Appendix II.

A prominent northwest orientated linear magnetic feature was identified in the survey. It corresponds to a thin sequence of chemical metasedimentary rocks as shown on MRD 282, and by Ayer et al. (2005) on OGS map P.3565. This same feature is also associated with coinciding IP chargeability anomalies, and appears to have been cut by several north-northwest orientated faults.

Historical drill hole GOG-2, completed in 1982 by Granges Exploration AB, tested an electromagnetic conductor that coincides with a 1.5 km long northwest orientated conductor identified by Fancamp's airborne geophysical survey completed in 2018. The drill hole, located at approximately L3+00E/4+00N on the current grid, intersected a 6 ft section of quartz-chlorite schist with talc-coated shears. Notes in the drill log state that the zone was conductive, and contained a 1 ft section of banded pyrrhotite. No chemical sediments where intersected in the drill hole. The drill hole may have been slightly south of the interpreted location of the unit. No significant assays were reported from this drill hole.

### 6.0 CONCLUSIONS AND RECOMMENDATIONS

The IP and magnetometer geophysical surveys mapped the geophysical properties over an anomalous area identified from a geochemical program that was completed in July, 2019. The geochemical survey covers a portion of the projected extension of the Ridout Fault Zone, as suggested by the OGS, or a second-order structure related to it. Numerous gold occurrences and deposits are associated with this major crustal break, including the Juby and Cote Lake deposits, as well as the past-producing Jerome Mine.

Prior to diamond drilling this area, it is recommended that additional infill B-horizon soil sampling be completed. The geochemical program completed in 2019 was reconnaissance in nature with east-west orientated lines spaced apart 200 m. It is recommended that anomalous areas be infilled at 50 m spaced lines to assist in refining drill targets. Ground-truthing and prospecting over the geophysical anomalies is also recommended.

#### 7.0 REFERENCES

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# Appendix I

### **Statement of Qualifications**

#### **Statement of Qualifications**

I, Joerg Martin Kleinboeck of 147 Lakeside Drive, North Bay, Ontario, do hereby certify that:

I am a graduate of Laurentian University, Sudbury, Ontario with a B.Sc. Geology, 2000, and have been practising my profession as a geologist since.

I am a member with the Association of Professional Geoscientists of Ontario (#1411).

I am a member of the Ontario Prospectors Association.

I hold no interests in the securities of Fancamp Exploration Ltd., and I am independent of the subject Property.

Joerg Martin Kleinboeck JMK Exploration Consulting March 31<sup>st</sup>, 2020 North Bay, Ontario

# Appendix II

Maps

