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**GEOPHYSICAL AND DIAMOND DRILL HOLE REPORT ON THE
ELEPHANT HEAD PROPERTY, CONNAUGHT TOWNSHIP,
ONTARIO CANADA**

**Larder Lake Division, Northeast Ontario
NTS 41P11**

Exploration Plan # PL-17-10735

Exploration Permit # PR-17-11115

Claims: 112675, 130420, 183830, 185723, 193651, 317084, 319798

Universal Transverse Mercator Zone 17N (NAD83)

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1.0 SUMMARY

A pole-dipole survey and a diamond drill program was designed and executed during the fall and winter months of 2018 on the Elephant Head property in the Connaught Township. The former was completed between September 17 and September 25, 2018, whereas the latter was completed between October 12 and December 5, 2018. A total of 46 days were spent in the fall and winter of 2018 on the exploration program and work was completed over a total of 7 claims. The pole-dipole survey was to define the chargeability anomaly at depth that was identified from a 2017 gradient IP survey. The diamond drill program was designed to test the chargeability anomaly at depth and test the continuity and thickness of high-grade quartz-sulphide veins on surface. The diamond drill program consisted of three holes for a total of 465 m on claim numbers 112675 and 319798. The pole-dipole survey successfully identified the chargeability anomaly at depth. The diamond drill program intersected the quartz-sulphide vein from a stripped outcrop at depth, as well as the chargeability anomaly. Future work suggested includes prospecting and/or geological mapping work approximately 40 m north of the stripped outcrop where the chargeability anomaly appears to be located at surface and on a superficial chargeability anomaly along the UTV trail.

The work was completed by IAMGOLD and by contractors through IAMGOLD. The work was performed for IAMGOLD and Canadian Gold Miner Corp. The coordinate system used to locate the area of work is the Universal Transverse Mercator (UTM) and the datum used is NAD 83 in Zone 17.

2.0 INTRODUCTION

This report has been prepared by IAMGOLD Corporation to provide documentation on a pole-dipole survey and diamond drilling program conducted on the Elephant Head Property in the Connaught Township completed between September 17, 2018 and December 5, 2018. Timelines and personnel involved for each specific type of work is presented in the body of the text and in the Appendices. Brad McKinley, Senior Geologist with IAMGOLD, and Laura Katz, Geologist with IAMGOLD, planned and supervised the execution of the exploration program carried out on the Elephant Head property between September and December 2018. The exploration plan number is PL-17-10735 and the exploration permit number is PR-17-11115.

The reason for exploration work performed was a follow-up to surface exploration work (i.e., soil survey, gradient IP survey, prospecting, geological mapping and stripping) conducted in summer and fall of 2017 and in the summer of 2018. Results from these programs uncovered a previously unknown high-grade quartz-sulphide vein (10 to \leq 50 cm) on surface, located directly over a gradient IP chargeability anomaly. Follow-up exploration activities to this included a pole-dipole survey and a small, three hole diamond drill program.

3.0 PROPERTY LOCATION, ACCESS, AND DESCRIPTION

The property consists of 194 contiguous claims in the Connaught and Brunswick Townships. (Table 1; Figs. 1 and 2). The property is located in the Larder Lake Mining Division, District of Timiskaming, NTS 41P11. Although some of the property is located in the Brunswick Township, all of the exploration activity was conducted in the Connaught Township. In addition, all work activity occurred in NTS 41P11E

(Fig. 2). The main access into the property is by a series of logging roads approximately 15.5 kilometres west of Shining Tree, which can be accessed from Route 560 (Fig. 1). The property can also be accessed from Highway 144 to the west.

The topography typically contains gently rolling terrain with occasional steep hills along both sides of the Elephant Head Creek. In the central and southwestern part of the property there does not appear to be thick or extensive areas of glacial till, but rather a thin layer of till and humus covering most of the property. In the northern part of the property there are very sandy areas that likely represent more extensive areas of glacial till. The bedrock exposure is variable, but is typically poorly exposed. Vegetation consists mainly of mixed forest of poplar, spruce, pine and birch trees. Long linear swamps may host dense growths of alders, spruce and cedar (Born, 1981).

The Elephant Head Project, along with the Jumping Moose Project, are Option and Joint Venture Agreements originally between Trelawney Mining and Exploration Inc. ("Trelawney"), a wholly-owned subsidiary of IAMGOLD Corporation ("IAMGOLD"), and Canadian Gold Miner ("CGM"). Following the amalgamation of Trelawney in IAMGOLD on June 1 2017, IAMGOLD was substituted to the Option Agreements. These projects are owned at 100% by CGM.

Table 1: List of mining claims in the Connaught and Brunswick Townships

Claim No.	Mining Claim Type	Claim Status	Cell No.	Township	Holder
344334	Single Cell Mining Claim	Active	41P11E211	Connaught	100% Canadian Gold Miner Corp.
332997	Single Cell Mining Claim	Active	41P11E135	Connaught	100% Canadian Gold Miner Corp.
338656	Single Cell Mining Claim	Active	41P11E198	Connaught	100% Canadian Gold Miner Corp.
338664	Single Cell Mining Claim	Active	41P11E199	Connaught	100% Canadian Gold Miner Corp.
107061	Single Cell Mining Claim	Active	41P11E270	Connaught	100% Canadian Gold Miner Corp.
107062	Single Cell Mining Claim	Active	41P11E266	Brunswick	100% Canadian Gold Miner Corp.
111043	Single Cell Mining Claim	Active	41P11E257	Connaught	100% Canadian Gold Miner Corp.
111044	Single Cell Mining Claim	Active	41P11E294	Connaught	100% Canadian Gold Miner Corp.
107207	Single Cell Mining Claim	Active	41P11E067	Brunswick	100% Canadian Gold Miner Corp.
107208	Single Cell Mining Claim	Active	41P11E089	Connaught	100% Canadian Gold Miner Corp.
109411	Single Cell Mining Claim	Active	41P11E119	Connaught	100% Canadian Gold Miner Corp.
109412	Boundary Cell Mining Claim	Active	41P11F141	Connaught	100% Canadian Gold Miner Corp.
111630	Single Cell Mining Claim	Active	41P11E155	Connaught	100% Canadian Gold Miner Corp.
112788	Single Cell Mining Claim	Active	41P11E187	Connaught	100% Canadian Gold Miner Corp.
112675	Single Cell Mining Claim	Active	41P11E237	Connaught	100% Canadian Gold Miner Corp.
112919	Single Cell Mining Claim	Active	41P11E072	Connaught	100% Canadian Gold Miner Corp.
111885	Single Cell Mining Claim	Active	41P11E076	Connaught	100% Canadian Gold Miner Corp.
111886	Single Cell Mining Claim	Active	41P11E075	Connaught	100% Canadian Gold Miner Corp.
111887	Single Cell Mining Claim	Active	41P11E074	Connaught	100% Canadian Gold Miner Corp.
126102	Single Cell Mining Claim	Active	41P11E193	Connaught	100% Canadian Gold Miner Corp.
126103	Single Cell Mining Claim	Active	41P11E212	Connaught	100% Canadian Gold Miner Corp.
126104	Single Cell Mining Claim	Active	41P11E231	Connaught	100% Canadian Gold Miner Corp.
128187	Single Cell Mining Claim	Active	41P11E118	Connaught	100% Canadian Gold Miner Corp.
128188	Single Cell Mining Claim	Active	41P11E138	Connaught	100% Canadian Gold Miner Corp.
129345	Single Cell Mining Claim	Active	41P11E249	Connaught	100% Canadian Gold Miner Corp.
126801	Single Cell Mining Claim	Active	41P11E071	Connaught	100% Canadian Gold Miner Corp.
130420	Boundary Cell Mining Claim	Active	41P11E258	Connaught	100% Canadian Gold Miner Corp.
130421	Single Cell Mining Claim	Active	41P11E296	Connaught	100% Canadian Gold Miner Corp.
128535	Boundary Cell Mining Claim	Active	41P11E107	Brunswick	100% Canadian Gold Miner Corp.
131161	Single Cell Mining Claim	Active	41P11E177	Connaught	100% Canadian Gold Miner Corp.
133892	Single Cell Mining Claim	Active	41P11E292	Connaught	100% Canadian Gold Miner Corp.
133893	Single Cell Mining Claim	Active	41P11E291	Connaught	100% Canadian Gold Miner Corp.
130726	Single Cell Mining Claim	Active	41P11E287	Connaught	100% Canadian Gold Miner Corp.
134499	Single Cell Mining Claim	Active	41P11E209	Connaught	100% Canadian Gold Miner Corp.
135158	Single Cell Mining Claim	Active	41P11E092	Connaught	100% Canadian Gold Miner Corp.
137177	Single Cell Mining Claim	Active	41P11E078	Connaught	100% Canadian Gold Miner Corp.
140210	Single Cell Mining Claim	Active	41P11E120	Connaught	100% Canadian Gold Miner Corp.
140211	Single Cell Mining Claim	Active	41P11E140	Connaught	100% Canadian Gold Miner Corp.
140090	Single Cell Mining Claim	Active	41P11E133	Connaught	100% Canadian Gold Miner Corp.
138849	Single Cell Mining Claim	Active	41P11E048	Connaught	100% Canadian Gold Miner Corp.
138855	Single Cell Mining Claim	Active	41P11E096	Connaught	100% Canadian Gold Miner Corp.
146723	Single Cell Mining Claim	Active	41P11E229	Connaught	100% Canadian Gold Miner Corp.
146724	Single Cell Mining Claim	Active	41P11E227	Connaught	100% Canadian Gold Miner Corp.
146725	Single Cell Mining Claim	Active	41P11E247	Connaught	100% Canadian Gold Miner Corp.
147743	Boundary Cell Mining Claim	Active	41P11F201	Connaught	100% Canadian Gold Miner Corp.
147744	Boundary Cell Mining Claim	Active	41P11E220	Connaught	100% Canadian Gold Miner Corp.

Table 1 Continued: List of mining claims in the Connaught and Brunswick Townships

Claim No.	Mining Claim Type	Claim Status	Cell No.	Township	Holder
146480	Boundary Cell Mining Claim	Active	41P11E298	Connaught	100% Canadian Gold Miner Corp.
149146	Single Cell Mining Claim	Active	41P11E214	Connaught	100% Canadian Gold Miner Corp.
148490	Single Cell Mining Claim	Active	41P11E077	Connaught	100% Canadian Gold Miner Corp.
151083	Single Cell Mining Claim	Active	41P11E169	Connaught	100% Canadian Gold Miner Corp.
151084	Boundary Cell Mining Claim	Active	41P11E206	Brunswick	100% Canadian Gold Miner Corp.
154706	Single Cell Mining Claim	Active	41P11E053	Connaught	100% Canadian Gold Miner Corp.
156729	Boundary Cell Mining Claim	Active	41P11E058	Connaught	100% Canadian Gold Miner Corp.
161837	Single Cell Mining Claim	Active	41P11E215	Connaught	100% Canadian Gold Miner Corp.
161840	Single Cell Mining Claim	Active	41P11E200	Connaught	100% Canadian Gold Miner Corp.
160583	Single Cell Mining Claim	Active	41P11E293	Connaught	100% Canadian Gold Miner Corp.
163296	Single Cell Mining Claim	Active	41P11E230	Connaught	100% Canadian Gold Miner Corp.
162542	Single Cell Mining Claim	Active	41P11E134	Connaught	100% Canadian Gold Miner Corp.
168642	Single Cell Mining Claim	Active	41P11E251	Connaught	100% Canadian Gold Miner Corp.
171396	Boundary Cell Mining Claim	Active	41P11F041	Connaught	100% Canadian Gold Miner Corp.
169243	Boundary Cell Mining Claim	Active	41P11E186	Brunswick	100% Canadian Gold Miner Corp.
172537	Single Cell Mining Claim	Active	41P11E108	Connaught	100% Canadian Gold Miner Corp.
172538	Single Cell Mining Claim	Active	41P11E148	Connaught	100% Canadian Gold Miner Corp.
173414	Single Cell Mining Claim	Active	41P11E047	Brunswick	100% Canadian Gold Miner Corp.
173416	Single Cell Mining Claim	Active	41P11E095	Connaught	100% Canadian Gold Miner Corp.
175984	Single Cell Mining Claim	Active	41P11E228	Connaught	100% Canadian Gold Miner Corp.
175985	Single Cell Mining Claim	Active	41P11E250	Connaught	100% Canadian Gold Miner Corp.
175986	Single Cell Mining Claim	Active	41P11E288	Connaught	100% Canadian Gold Miner Corp.
176263	Single Cell Mining Claim	Active	41P11E253	Connaught	100% Canadian Gold Miner Corp.
177018	Single Cell Mining Claim	Active	41P11E178	Connaught	100% Canadian Gold Miner Corp.
177019	Single Cell Mining Claim	Active	41P11E175	Connaught	100% Canadian Gold Miner Corp.
177020	Boundary Cell Mining Claim	Active	41P11E219	Connaught	100% Canadian Gold Miner Corp.
182819	Single Cell Mining Claim	Active	41P11E190	Connaught	100% Canadian Gold Miner Corp.
182820	Single Cell Mining Claim	Active	41P11E232	Connaught	100% Canadian Gold Miner Corp.
185077	Single Cell Mining Claim	Active	41P11E054	Connaught	100% Canadian Gold Miner Corp.
183830	Single Cell Mining Claim	Active	41P11E216	Connaught	100% Canadian Gold Miner Corp.
183836	Single Cell Mining Claim	Active	41P11F161	Connaught	100% Canadian Gold Miner Corp.
185723	Boundary Cell Mining Claim	Active	41P11E238	Connaught	100% Canadian Gold Miner Corp.
187819	Single Cell Mining Claim	Active	41P11E073	Connaught	100% Canadian Gold Miner Corp.
193651	Single Cell Mining Claim	Active	41P11E256	Connaught	100% Canadian Gold Miner Corp.
192030	Single Cell Mining Claim	Active	41P11E110	Connaught	100% Canadian Gold Miner Corp.
192081	Single Cell Mining Claim	Active	41P11E113	Connaught	100% Canadian Gold Miner Corp.
192082	Single Cell Mining Claim	Active	41P11E112	Connaught	100% Canadian Gold Miner Corp.
192228	Single Cell Mining Claim	Active	41P11E100	Connaught	100% Canadian Gold Miner Corp.
192229	Single Cell Mining Claim	Active	41P11E139	Connaught	100% Canadian Gold Miner Corp.
194596	Single Cell Mining Claim	Active	41P11E273	Connaught	100% Canadian Gold Miner Corp.
195870	Single Cell Mining Claim	Active	41P11E179	Connaught	100% Canadian Gold Miner Corp.
199343	Single Cell Mining Claim	Active	41P11E052	Connaught	100% Canadian Gold Miner Corp.
199210	Boundary Cell Mining Claim	Active	41P11E166	Connaught	100% Canadian Gold Miner Corp.
199211	Single Cell Mining Claim	Active	41P11E208	Connaught	100% Canadian Gold Miner Corp.
202257	Single Cell Mining Claim	Active	41P11E233	Connaught	100% Canadian Gold Miner Corp.
202975	Single Cell Mining Claim	Active	41P11E050	Connaught	100% Canadian Gold Miner Corp.

Table 1 Continued: List of mining claims in the Connaught and Brunswick Townships

Claim No.	Mining Claim Type	Claim Status	Cell No.	Township	Holder
202980	Single Cell Mining Claim	Active	41P11E097	Connaught	100% Canadian Gold Miner Corp.
204335	Single Cell Mining Claim	Active	41P11E157	Connaught	100% Canadian Gold Miner Corp.
205213	Single Cell Mining Claim	Active	41P11E046	Brunswick	100% Canadian Gold Miner Corp.
206594	Single Cell Mining Claim	Active	41P11E271	Connaught	100% Canadian Gold Miner Corp.
206695	Single Cell Mining Claim	Active	41P11E188	Connaught	100% Canadian Gold Miner Corp.
206696	Single Cell Mining Claim	Active	41P11E207	Connaught	100% Canadian Gold Miner Corp.
209622	Single Cell Mining Claim	Active	41P11E088	Connaught	100% Canadian Gold Miner Corp.
209623	Single Cell Mining Claim	Active	41P11E087	Brunswick	100% Canadian Gold Miner Corp.
210978	Single Cell Mining Claim	Active	41P11E160	Connaught	100% Canadian Gold Miner Corp.
221296	Single Cell Mining Claim	Active	41P11E128	Connaught	100% Canadian Gold Miner Corp.
221415	Boundary Cell Mining Claim	Active	41P11F061	Connaught	100% Canadian Gold Miner Corp.
221416	Single Cell Mining Claim	Active	41P11E080	Connaught	100% Canadian Gold Miner Corp.
221864	Single Cell Mining Claim	Active	41P11E132	Connaught	100% Canadian Gold Miner Corp.
222559	Single Cell Mining Claim	Active	41P11E267	Connaught	100% Canadian Gold Miner Corp.
226797	Single Cell Mining Claim	Active	41P11E213	Connaught	100% Canadian Gold Miner Corp.
227519	Single Cell Mining Claim	Active	41P11E070	Connaught	100% Canadian Gold Miner Corp.
230559	Boundary Cell Mining Claim	Active	41P11E226	Brunswick	100% Canadian Gold Miner Corp.
230560	Single Cell Mining Claim	Active	41P11E269	Connaught	100% Canadian Gold Miner Corp.
230561	Single Cell Mining Claim	Active	41P11E268	Connaught	100% Canadian Gold Miner Corp.
230562	Single Cell Mining Claim	Active	41P11E290	Connaught	100% Canadian Gold Miner Corp.
230563	Single Cell Mining Claim	Active	41P11E289	Connaught	100% Canadian Gold Miner Corp.
228021	Single Cell Mining Claim	Active	41P11E137	Connaught	100% Canadian Gold Miner Corp.
229261	Single Cell Mining Claim	Active	41P11E109	Connaught	100% Canadian Gold Miner Corp.
229262	Boundary Cell Mining Claim	Active	41P11E127	Brunswick	100% Canadian Gold Miner Corp.
229327	Single Cell Mining Claim	Active	41P11E154	Connaught	100% Canadian Gold Miner Corp.
239507	Single Cell Mining Claim	Active	41P11E069	Connaught	100% Canadian Gold Miner Corp.
239508	Single Cell Mining Claim	Active	41P11E090	Connaught	100% Canadian Gold Miner Corp.
239513	Single Cell Mining Claim	Active	41P11E116	Connaught	100% Canadian Gold Miner Corp.
242706	Single Cell Mining Claim	Active	41P11E286	Brunswick	100% Canadian Gold Miner Corp.
238224	Single Cell Mining Claim	Active	41P11E173	Connaught	100% Canadian Gold Miner Corp.
238225	Single Cell Mining Claim	Active	41P11E192	Connaught	100% Canadian Gold Miner Corp.
241433	Single Cell Mining Claim	Active	41P11E150	Connaught	100% Canadian Gold Miner Corp.
243812	Single Cell Mining Claim	Active	41P11E055	Connaught	100% Canadian Gold Miner Corp.
244455	Single Cell Mining Claim	Active	41P11E194	Connaught	100% Canadian Gold Miner Corp.
241768	Single Cell Mining Claim	Active	41P11E255	Connaught	100% Canadian Gold Miner Corp.
241769	Single Cell Mining Claim	Active	41P11E275	Connaught	100% Canadian Gold Miner Corp.
241770	Single Cell Mining Claim	Active	41P11E297	Connaught	100% Canadian Gold Miner Corp.
243046	Boundary Cell Mining Claim	Active	41P11E218	Connaught	100% Canadian Gold Miner Corp.
243051	Single Cell Mining Claim	Active	41P11F181	Connaught	100% Canadian Gold Miner Corp.
246989	Single Cell Mining Claim	Active	41P11E091	Connaught	100% Canadian Gold Miner Corp.
246991	Single Cell Mining Claim	Active	41P11E115	Connaught	100% Canadian Gold Miner Corp.
246988	Single Cell Mining Claim	Active	41P11E068	Connaught	100% Canadian Gold Miner Corp.
248744	Single Cell Mining Claim	Active	41P11E151	Connaught	100% Canadian Gold Miner Corp.
248888	Single Cell Mining Claim	Active	41P11E099	Connaught	100% Canadian Gold Miner Corp.
251077	Single Cell Mining Claim	Active	41P11E197	Connaught	100% Canadian Gold Miner Corp.
253122	Single Cell Mining Claim	Active	41P11E136	Connaught	100% Canadian Gold Miner Corp.

Table 1 Continued: List of mining claims in the Connaught and Brunswick Townships

Claim No.	Mining Claim Type	Claim Status	Cell No.	Township	Holder
252441	Single Cell Mining Claim	Active	41P11E066	Brunswick	100% Canadian Gold Miner Corp.
252471	Single Cell Mining Claim	Active	41P11E234	Connaught	100% Canadian Gold Miner Corp.
256513	Single Cell Mining Claim	Active	41P11E079	Connaught	100% Canadian Gold Miner Corp.
262567	Single Cell Mining Claim	Active	41P11E176	Connaught	100% Canadian Gold Miner Corp.
268578	Single Cell Mining Claim	Active	41P11E295	Connaught	100% Canadian Gold Miner Corp.
266580	Single Cell Mining Claim	Active	41P11E093	Connaught	100% Canadian Gold Miner Corp.
272687	Single Cell Mining Claim	Active	41P11E168	Connaught	100% Canadian Gold Miner Corp.
272688	Boundary Cell Mining Claim	Active	41P11E167	Brunswick	100% Canadian Gold Miner Corp.
272598	Single Cell Mining Claim	Active	41P11E252	Connaught	100% Canadian Gold Miner Corp.
271245	Single Cell Mining Claim	Active	41P11E174	Connaught	100% Canadian Gold Miner Corp.
270581	Boundary Cell Mining Claim	Active	41P11E057	Connaught	100% Canadian Gold Miner Corp.
288011	Boundary Cell Mining Claim	Active	41P11F101	Connaught	100% Canadian Gold Miner Corp.
288012	Single Cell Mining Claim	Active	41P11E159	Connaught	100% Canadian Gold Miner Corp.
286647	Single Cell Mining Claim	Active	41P11E051	Connaught	100% Canadian Gold Miner Corp.
286651	Single Cell Mining Claim	Active	41P11E094	Connaught	100% Canadian Gold Miner Corp.
286652	Single Cell Mining Claim	Active	41P11E117	Connaught	100% Canadian Gold Miner Corp.
293444	Single Cell Mining Claim	Active	41P11E171	Connaught	100% Canadian Gold Miner Corp.
296526	Single Cell Mining Claim	Active	41P11E114	Connaught	100% Canadian Gold Miner Corp.
297251	Single Cell Mining Claim	Active	41P11E248	Connaught	100% Canadian Gold Miner Corp.
295972	Single Cell Mining Claim	Active	41P11E149	Connaught	100% Canadian Gold Miner Corp.
299739	Single Cell Mining Claim	Active	41P11E156	Connaught	100% Canadian Gold Miner Corp.
299740	Single Cell Mining Claim	Active	41P11E196	Connaught	100% Canadian Gold Miner Corp.
299741	Single Cell Mining Claim	Active	41P11E195	Connaught	100% Canadian Gold Miner Corp.
296018	Single Cell Mining Claim	Active	41P11E098	Connaught	100% Canadian Gold Miner Corp.
296019	Boundary Cell Mining Claim	Active	41P11F121	Connaught	100% Canadian Gold Miner Corp.
301107	Boundary Cell Mining Claim	Active	41P11E086	Brunswick	100% Canadian Gold Miner Corp.
306114	Single Cell Mining Claim	Active	41P11E210	Connaught	100% Canadian Gold Miner Corp.
305171	Boundary Cell Mining Claim	Active	41P11E060	Connaught	100% Canadian Gold Miner Corp.
305172	Boundary Cell Mining Claim	Active	41P11E059	Connaught	100% Canadian Gold Miner Corp.
309091	Single Cell Mining Claim	Active	41P11E254	Connaught	100% Canadian Gold Miner Corp.
309092	Boundary Cell Mining Claim	Active	41P11E278	Connaught	100% Canadian Gold Miner Corp.
309093	Single Cell Mining Claim	Active	41P11E277	Connaught	100% Canadian Gold Miner Corp.
308087	Single Cell Mining Claim	Active	41P11E111	Connaught	100% Canadian Gold Miner Corp.
308088	Single Cell Mining Claim	Active	41P11E130	Connaught	100% Canadian Gold Miner Corp.
308089	Single Cell Mining Claim	Active	41P11E129	Connaught	100% Canadian Gold Miner Corp.
308686	Single Cell Mining Claim	Active	41P11E152	Connaught	100% Canadian Gold Miner Corp.
313551	Single Cell Mining Claim	Active	41P11E049	Connaught	100% Canadian Gold Miner Corp.
312848	Single Cell Mining Claim	Active	41P11E172	Connaught	100% Canadian Gold Miner Corp.
312849	Single Cell Mining Claim	Active	41P11E170	Connaught	100% Canadian Gold Miner Corp.
312850	Single Cell Mining Claim	Active	41P11E191	Connaught	100% Canadian Gold Miner Corp.
315466	Single Cell Mining Claim	Active	41P11E246	Brunswick	100% Canadian Gold Miner Corp.
317084	Single Cell Mining Claim	Active	41P11E217	Connaught	100% Canadian Gold Miner Corp.
314957	Single Cell Mining Claim	Active	41P11E158	Connaught	100% Canadian Gold Miner Corp.
318465	Single Cell Mining Claim	Active	41P11E235	Connaught	100% Canadian Gold Miner Corp.
319798	Single Cell Mining Claim	Active	41P11E236	Connaught	100% Canadian Gold Miner Corp.
317836	Boundary Cell Mining Claim	Active	41P11E056	Connaught	100% Canadian Gold Miner Corp.

Table 1 Continued: List of mining claims in the Connaught and Brunswick Townships

Claim No.	Mining Claim Type	Claim Status	Cell No.	Township	Holder
322060	Single Cell Mining Claim	Active	41P11E189	Connaught	100% Canadian Gold Miner Corp.
321974	Single Cell Mining Claim	Active	41P11E272	Connaught	100% Canadian Gold Miner Corp.
323740	Single Cell Mining Claim	Active	41P11E131	Connaught	100% Canadian Gold Miner Corp.
323741	Boundary Cell Mining Claim	Active	41P11E147	Brunswick	100% Canadian Gold Miner Corp.
329787	Single Cell Mining Claim	Active	41P11E180	Connaught	100% Canadian Gold Miner Corp.
328506	Single Cell Mining Claim	Active	41P11E276	Connaught	100% Canadian Gold Miner Corp.
336327	Boundary Cell Mining Claim	Active	41P11F081	Connaught	100% Canadian Gold Miner Corp.
337223	Single Cell Mining Claim	Active	41P11E274	Connaught	100% Canadian Gold Miner Corp.
336296	Single Cell Mining Claim	Active	41P11E153	Connaught	100% Canadian Gold Miner Corp.
331158	Boundary Cell Mining Claim	Active	41P11E106	Brunswick	100% Canadian Gold Miner Corp.

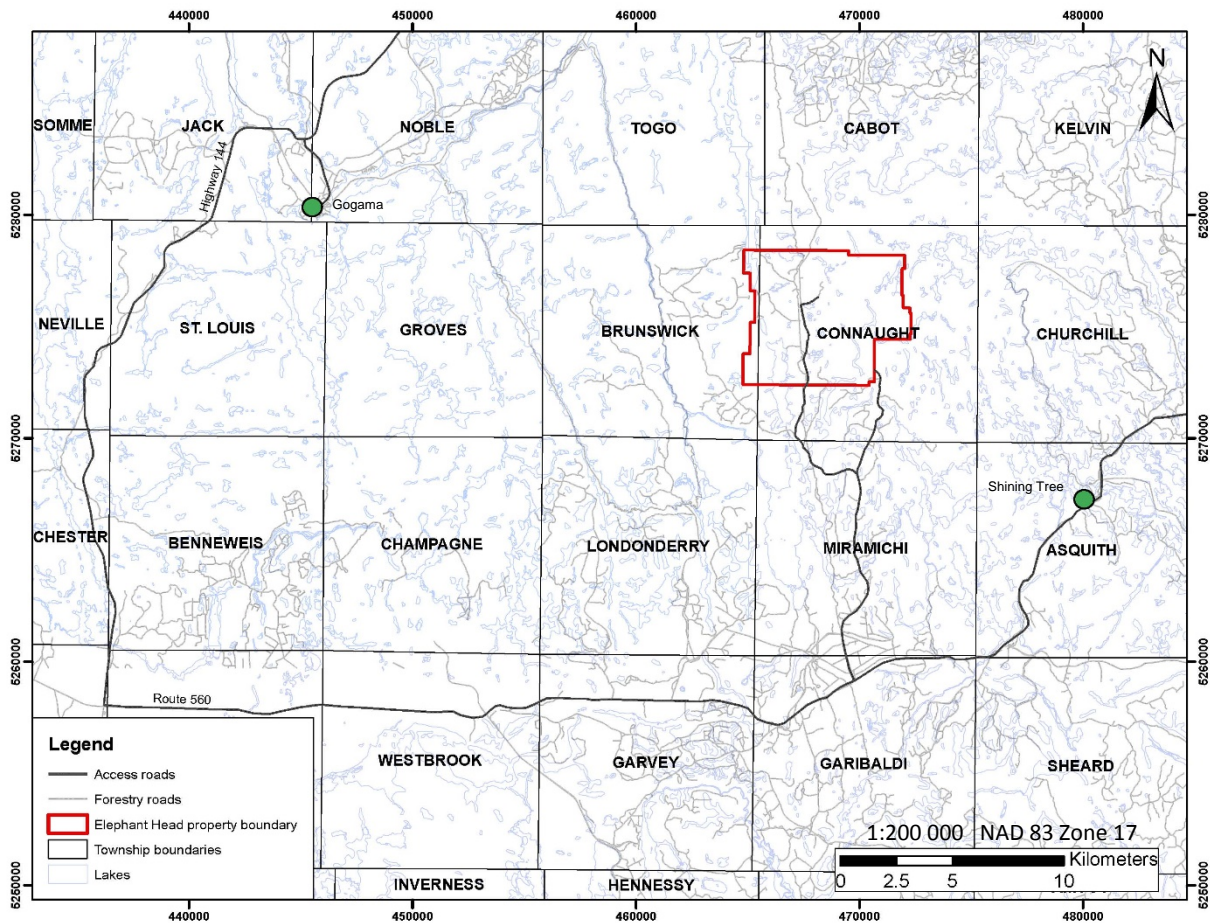


Figure 1: Plan map of the Elephant Head property in the Connaught Township

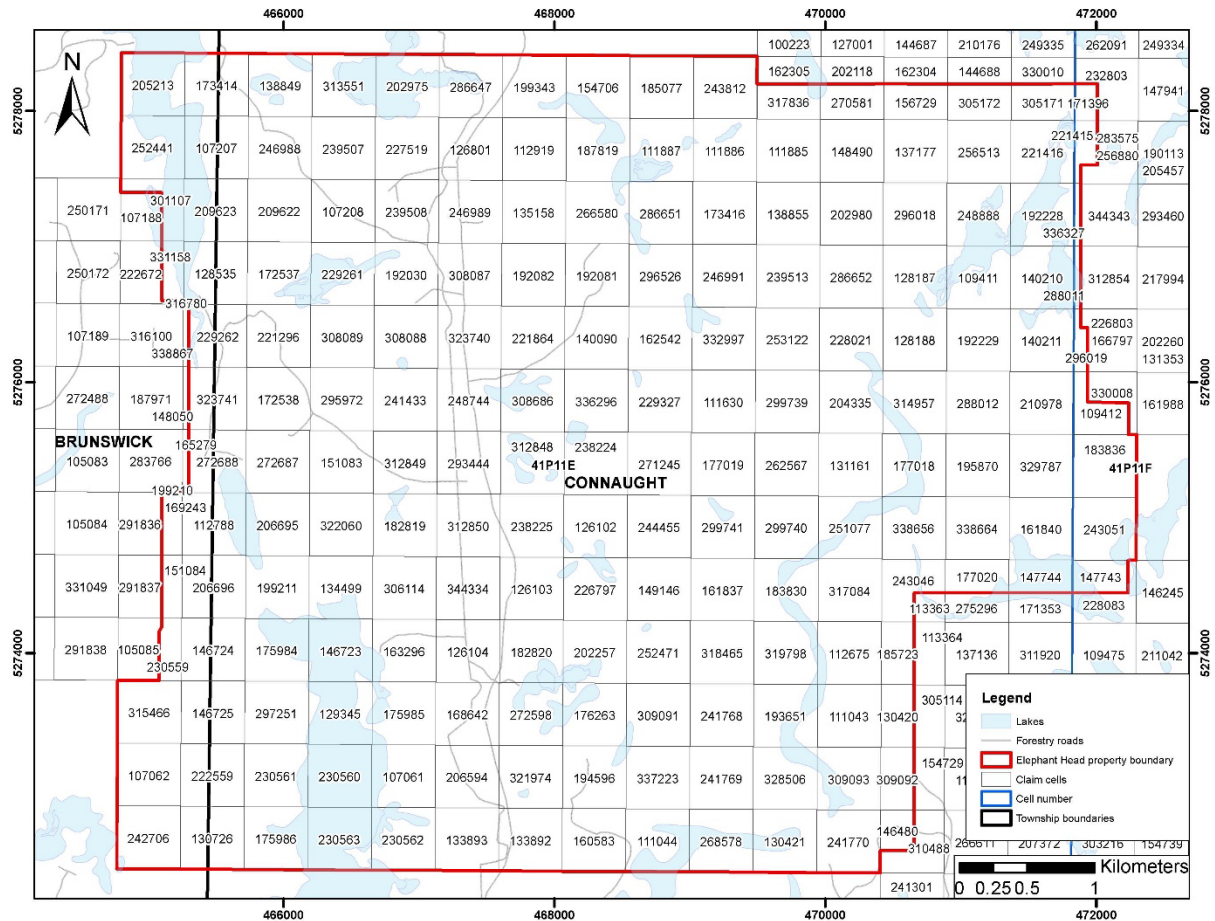


Figure 2: Plan map of the mining claims owned by Canadian Gold Miner Corp. in the Connaught and Brunswick Townships

4.0 GEOLOGY

4.1 Regional Geology

The Elephant Head property is situated in the southern part of the Abitibi greenstone belt (AGB) of the Superior Province (Fig. 3). Supracrustal units in the Abitibi greenstone belt are dominated by east-west trending volcanic and sedimentary assemblages. The various volcanic and intrusive rocks of the AGB are diverse, ranging from ultramafic to felsic in composition, as well as containing both chemical and clastic sedimentary rocks of the Porcupine and Timiskaming assemblages. A variety of mafic to felsic intrusive rocks that represent synvolcanic intrusions occur as part of the greenstone belt. Larger batholithic complexes external to the greenstone belt rocks (e.g. Round Lake) represent centres of structural domes. Syntectonic intrusions also occur in the AGB, some of which are coeval with the Timiskaming assemblage and are spatially associated with the Cadillac-Larder Lake and Porcupine-Destor deformation zones. The AGB contains several east-trending deformation zones that commonly occur at assemblage boundaries and are spatially associated with long linear belts representing the sedimentary assemblages (i.e., Porcupine and Timiskaming). These deformation zones have a complex structural history and represent major breaks in the greenstone belt. The AGB is intruded by numerous diabase

dikes trending from north to northwest in the property and likely represent the Matachewan and possibly Abitibi dike swarms.

The Archean rocks are unconformably overlain by Paleoproterozoic rocks of the Huronian Supergroup, which were deposited in a north-trending graben referred to as the Cobalt Embayment. The upper sedimentary cycles of the Huronian Supergroup include the Cobalt and Flack Lake Groups. Within the Cobalt Group there are two formations, the Gowganda and Lorrain. Within the Flack Lake Group there are also two formations, the Gordon Lake and Bar River. The Gowganda Formation is the lower sequence of the Cobalt Group and consists mainly of framework- and matrix-supported conglomerate and lesser greywacke, siltstone and mudstone (Carter, 1980; Long, 2009). The basal sequence of the Gowganda Formation (Coleman member) is interpreted to have been deposited beneath a continental ice sheet, while the upper sequence (Firstbrook member) is interpreted to have been deposited in a deltaic environment (Long, 2009).

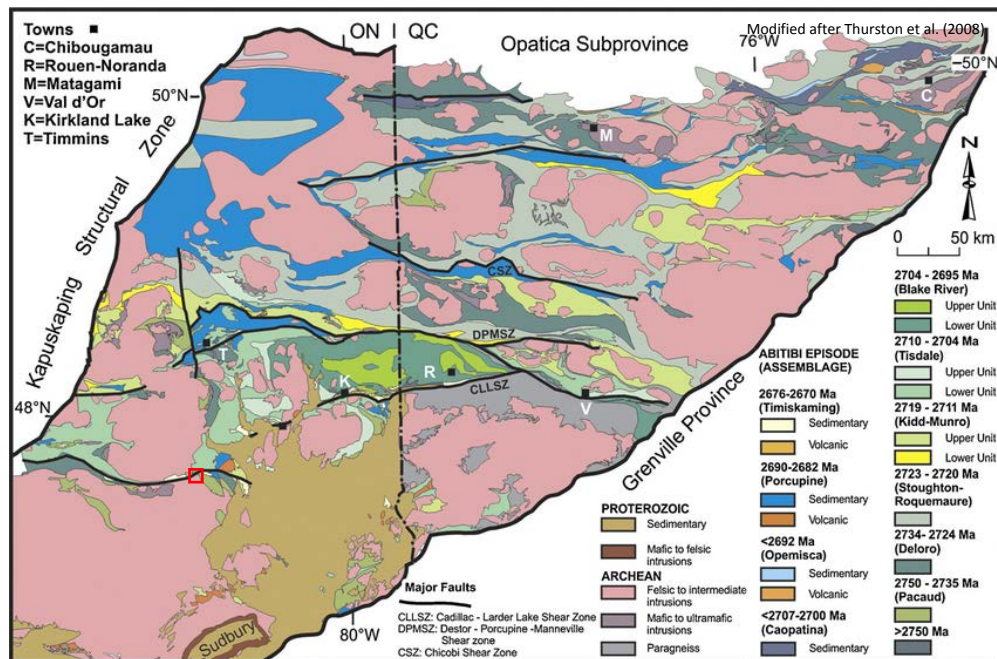


Figure 3: Regional geological map of the southern Abitibi greenstone belt with the property location outlined in red

4.2 Local Geology

The property covers a small transect of the southeastern part of the Swayze greenstone belt, a small portion of the western Shining Tree greenstone belt and the northeastern most part of the Ramsey-Algoma batholith (Fig. 4). The northern part of the property occurs in mafic to intermediate volcanic rocks and Timiskaming sedimentary rocks of the Swayze greenstone belt. The eastern part of the property is underlain by the mafic and intermediate volcanic rocks of Pacaud assemblage of the Shining Tree greenstone belt. These rocks are intruded by Proterozoic age mafic intrusive rocks and overlain by Proterozoic age sedimentary rocks. The Archean volcanic and sedimentary rocks are intruded by felsic to intermediate intrusive rocks that form the northeast part of the Ramsey-Algoma batholith (Carter,

1980). The southern part of the property is dominated by these intrusions, which in the area consist of granodiorite, quartz monzonite and trondhjemite.

The Ridout deformation zone (RDZ) occurs along the contact of intermediate to mafic volcanic rocks with the Timiskaming-type sediments in the north part of the property. The deformation zone is defined by strong sericite and Fe-carbonate alteration and the dominant fabric corresponds to the regional D₂ foliation seen elsewhere across the southern Swayze. Previous workers on the Elephant Head property reported that the granodiorite is cut by a series of east-northeast trending lineaments interpreted to be splays of the RDZ. One of these zones is interpreted to be located underneath the Elephant Head Creek and represents the most prominent faulting in the area (Carter, 1980; Born, 1981; Fig. 4).

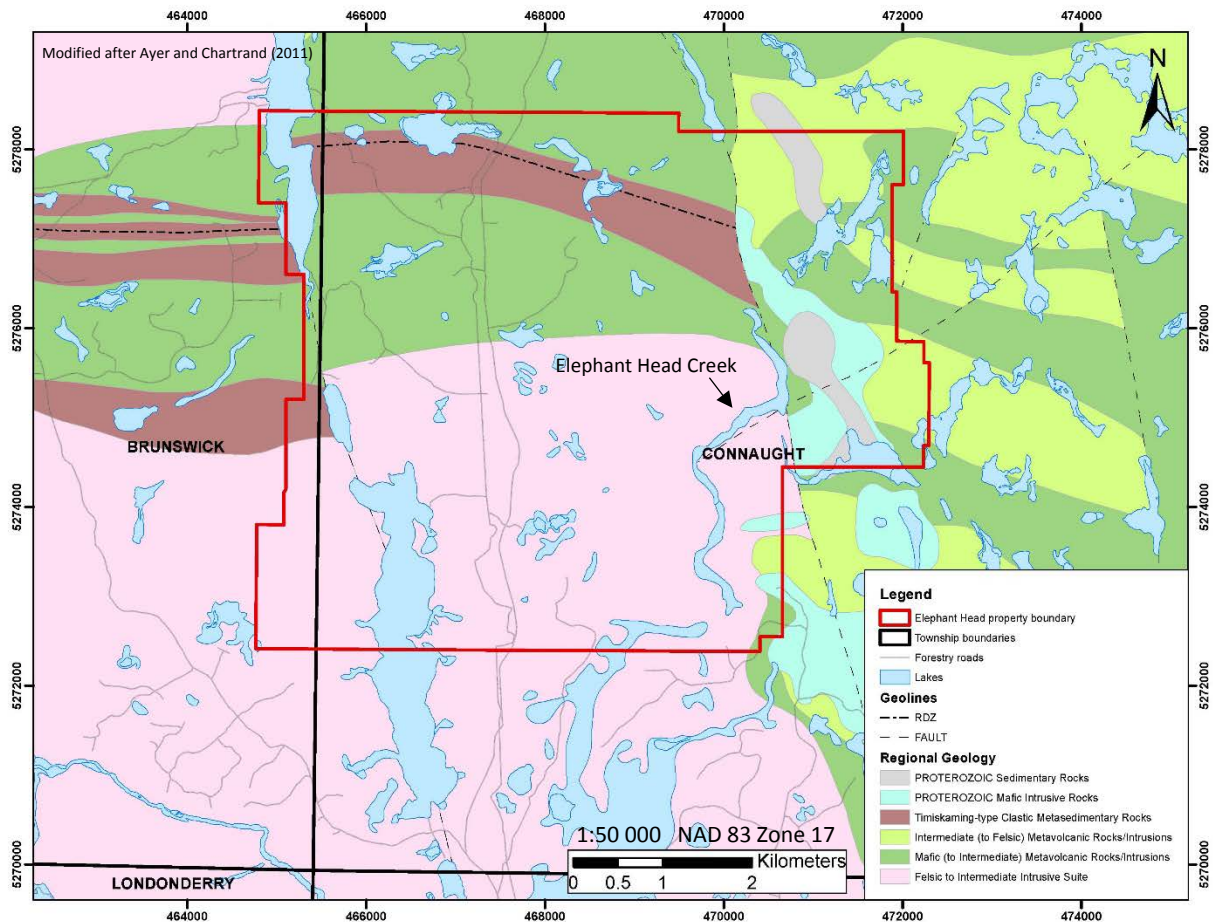


Figure 4: Local geological map of the Elephant Head property

4.3 Mineralization

Historical exploration in the area targeted high-grade veins along a structural zone, which suggests previous workers were targeting an orogenic-type system. Historically, roughly east-west oriented faults or shear zones were documented in the area along the Elephant Head Creek fault (Born, 1981; Kuuskman and Hart, 2013). Known mineralization on the property is associated with ≤ 1 m quartz±chlorite-sulphide veins in the granodiorite of the Ramsey-Algoma batholith. The veins may

contain sericite-silica-chlorite alteration haloes that may be weakly to moderately deformed. These veins may contain anomalous to multi-gram per ton gold.

5.0 PREVIOUS WORK

Exploration activity has been conducted on the Elephant Head Property in the Connaught Township for over 60 years. Table 2 represents a summary of previous work conducted in the area and is taken from Carter (1980), assessment reports and an internal report (Kuuskman and Hart, 2013). Figure 5 shows some of the historic workings near the Elephant Head Creek hosted in the granodiorite of the Ramsey-Algoma batholith. The gold assay results presented in Figure 5 are taken from Patino Mine Ltd. and were converted to g/t from original oz/ton results.

Since obtaining an option in the property, IAMGOLD conducted a surface exploration campaign in summer and fall of 2017 and 2018, including a soil survey, a gradient IP survey, prospecting, mapping, mechanical stripping and manual stripping. The focus of the prospecting was to locate the historic workings and resample the trenches/pits. The purpose of geological mapping and mechanical and manual stripping was to obtain a better geological understanding of the mineralized vein system. Although the soil survey did not contain any significant anomalies, the gradient IP produced a few east-west trending chargeability anomalies. This campaign proved to be largely successful as the historic trenches/pits that were located occur on chargeability anomalies. Sampling of these trenches/pits indicated that they can contain anomalous gold and additional historic trenches were found due to prospecting efforts.

Of particular interest was an historic trench that was discovered on August 30, 2017 while prospecting, which is located over 600 m south of much of historic activity. One grab sample collected in 2017 returned 85.7 g/t Au from an east striking (110/62 to 089/58), 10 to ≤50 cm wide quartz-pyrite vein with up to 5% pyrite. To follow up this high-grade sample, the historic trench was stripped (Stripping 5; Fig. 6) in 2018 and a subsequent grab sample of the vein material returned 102 g/t Au. Another trench approximately 12 m to the southwest was discovered and was also stripped (Stripping 6). Stripping 6 contains one ≤40 cm wide, irregular quartz-pyrite vein oriented at 055/88 with up to 8% pyrite. A total of 14 channel samples were collected from the two stripped outcrops and all samples returned anomalous gold values that range from 0.105 g/t Au to 60.8 g/t Au. Both trenches are hosted by granodiorite and alteration occurs as moderate to strong silica-sericite±chlorite alteration marginal to the veins. Weak to moderate deformation marginal to the main quartz-pyrite veins were noted. The deformation zone in Stripping 5 is <30 cm wide and in Stripping 6 is approximately 1 m wide with a foliation oriented at 090/72.

Table 2: Summary of previous work

Year	Activity
Pre – 1950	Evidence of pits and trenching suggest a number of gold showings
1950	Douvay Gold Mines Ltd.: Completed 5 packsack holes (201 m) in an area northeast of the showings (41P11NW0428)
1963	<p>Siscoe Metals Ltd.: Diamond drill program consisting of 8 holes totaling 2013 ft. (41P11NW0447)</p> <ul style="list-style-type: none"> • DDH S-1: sheared granite, feldspar porphyry, minor disseminated pyrite and minor quartz and calcite veins; one sample from a sheared granite returned 0.03 oz/ton Au over 0.3 ft. • DDH S-7: shear zones (<4 ft. wide) with some disseminated pyrite and quartz-carbonate veins; a sheared quartz feldspar porphyry sample returned 0.10 oz/ton Au over 0.3 ft. • DDH S-8: intersected quartz feldspar porphyry, a shear zone (<10 ft. wide) with disseminated pyrite, and a granite unit. Various minor quartz and carbonate veinlets were also intersected. The best assay was trace Au and Ag
1981	<p>Patino Mines Ltd.: Geological mapping, surface sampling and diamond drill program consisting of 4 holes totaling 1692 ft. (41P11NW0417)</p> <ul style="list-style-type: none"> • Main lithology: granodiorite with minor alteration • Minor lithology: fine-grained felsic syenitic dikes (3-30 ft. wide) that crosscuts granodiorite • Two east-trending shear zones (Fig. 5) in granodiorite near Elephant Head Creek were identified, one that passes through Trench 1 and one that passes through Pit 1 and 2. The sheared granodiorite is chlorite, sericite and carbonate altered with ≤3% fine-grained, disseminated pyrite. Both shear zones contain east-striking quartz- carbonate-pyrite veins with variable Au and Ag • <i>Trench 1</i> is located north of the Elephant Head Creek and along an east-trending shear. The host rock is a sheared granodiorite with carbonate and chlorite alteration. Three quartz-carbonate veins with no visible sulphides are located adjacent to the sheared granodiorite. Assays of this material indicate an average of 0.05 oz/ton Au and 0.05 oz/ton Ag • Approximately 300 m east of Trench 1 there is a series of outcrops along the north shore of Elephant Head Creek. These outcrops have narrow quartz veins with up to 1-3% pyrite. Assays average 0.05 oz/ton Au and 0.05 oz/ton Ag with the best assay at 0.10 oz/ton Au with 0.13 oz/ton Ag • <i>Pit 1</i> exposed 10 ft. wide shear zone in the granodiorite that dips 45° to the south. Four subparallel quartz-carbonate veins range from 2-4" with no visible sulphides. One 4" quartz-carbonate vein contains 20-25% pyrite and returned 1.56 oz/ton Au and 6.46 oz/ton Ag. The average of other vein material was about 0.05 oz/ton Au and 0.10 oz/ton Ag. A sample of granodiorite with 1-3% pyrite had 0.06 oz/ton Au and 0.05 oz/ton Ag • <i>Pit 2</i> is a 20 ft. pit located east of Pit 1 and contains the same shear zone. Granodiorite is not as sheared as in pit 1. One 4" quartz-carbonate vein located in pit 2 contained minor (1-3%) pyrite • Hole ST2-2: undercut Pit 1 and best assay returned 0.06 oz/ton Au 0.06 oz/ton Ag over 0.7 ft. in a quartz vein with trace pyrite • Hole ST2-3: best assay returned 0.03 oz/ton Au, 0.06 oz/ton Ag over 0.3 ft. and 0.04 oz/ton Au, 0.006 oz/ton Ag over 1.3 ft. in hematite altered granodiorite

2012-2014	<p>Transition Metals Corp: Prospecting and Reconnaissance of historic workings</p> <ul style="list-style-type: none"> • Located and sampled several historic trenches and pits and received best assay of 57.3 g/t Au in Pit 1 with 30% pyrite hosted in a deformed and altered granodiorite • In 2014, portions of the property were covered by an SGH soil orientation survey consisting of 62 samples that were completed in the vicinity of the known mineralization north and south of the Elephant Head Creek around the historic pits and trenches. Results indicate a poor Au-Cu correlation, but Au correlates well with Ag and S
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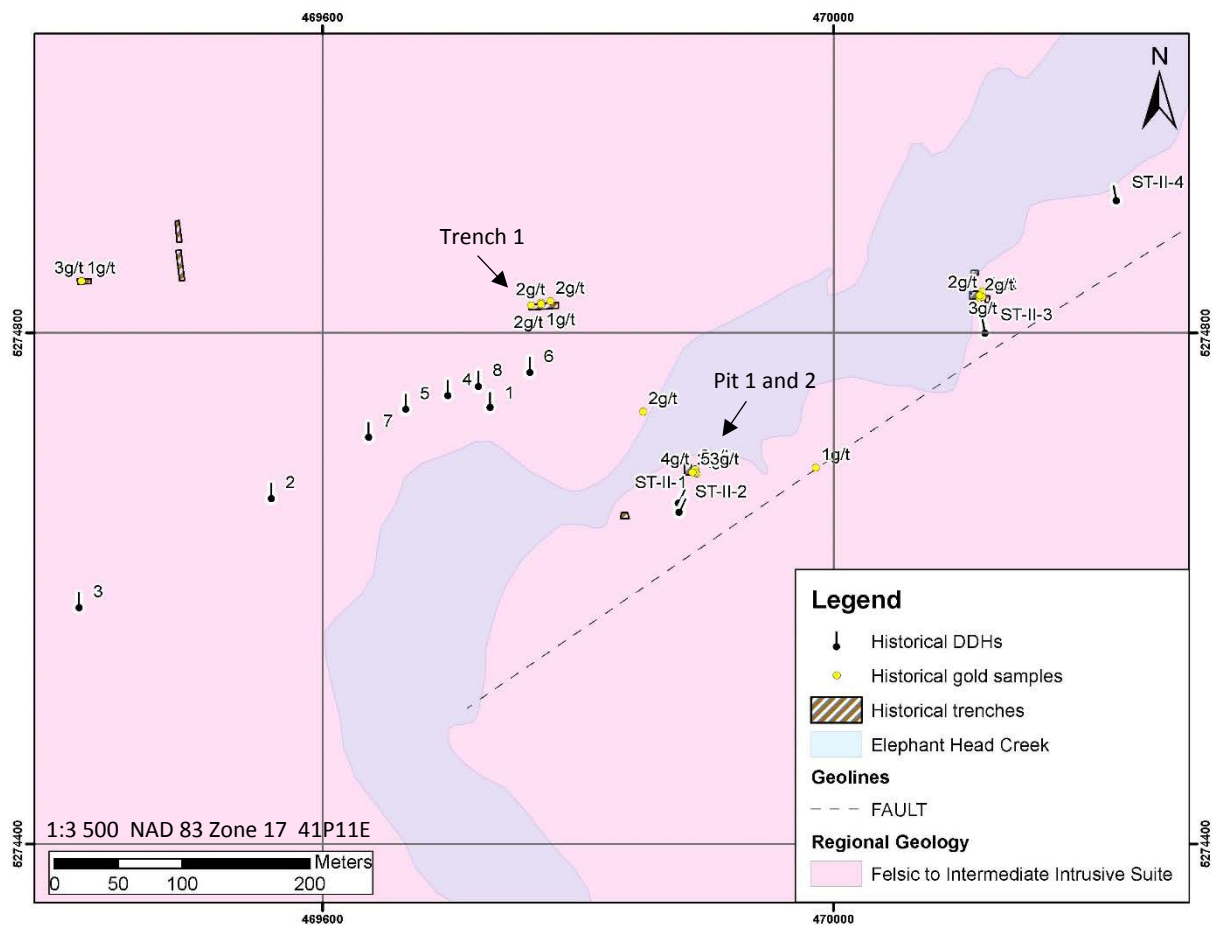


Figure 5: Compilation of historic trenches and gold results in the area

6.0 POLE-DIPOLE SURVEY

A pole-dipole survey was undertaken in the fall of 2018. The purpose of the survey was to define an east-west chargeability anomaly that was identified in a 2017 gradient IP survey (Fig. 6). Note that the 2017 gradient IP chargeability results in Figure 6 are shown in RGB values. This chargeability anomaly warranted further geophysical work due to a historic trench found in the western part of the anomaly while prospecting that returned a 85.7 g/t Au grab sample in 2017 (see section 5.0). The pole-dipole survey plan was to complete three lines across the gradient IP anomaly (i.e., east, central and west) to determine if the anomaly had any depth extent to it that warranted diamond drilling.

Prior to the survey, three days were spent cutting the three geophysical lines. The line cutting was performed by Gabriel Roy, Ron Bilton, Hunter Busch and Terence Murray from Dan Patrie Exploration Ltd., Massey, Ontario from September 17 to 19, 2018. The crew accessed the site through logging roads and a UTV trail. The total distance of line cut was 1.95 km. Three lines were cut and consist of line 1+00E (545 m) oriented at 182°, line 2+00E (590m) at 152° and line 3+00E (820m) at 149° (Fig. 6). No baseline was cut for this survey.

The work was performed for IAMGOLD by Dan Patrie Exploration Ltd., an experienced geophysical contractor. The survey was performed from September 24 to 25, 2018 for a total of 2 days. The work and measurements were performed on overburden or bedrock. No cultural features, such as power lines or railway tracks, occur in the area that would have interfered with the measurements. The geophysical survey equipment specifications are presented in Appendix A.

The results of the pole-dipole study are presented in Appendix B in the form of pseudo sections. The results indicate that the east-west chargeability anomaly identified in the 2017 gradient IP survey was identified in this study at depth. The results indicate that the chargeability anomaly is quite weak (i.e., <10 mV/V), but occurs on the three lines. Interestingly, the 10 to ≤ 50 cm quartz-pyrite vein on Stripping 5 outcrop occurs around station 3+55 N and does not line up with the chargeability anomaly at 3+95 N on line 1+00 E. The chargeability anomaly occurs approximately 40 m north of the outcrop. The results on line 2+00 E have isolated a weak chargeability anomaly around 1+90 N (Appendix B). The weak chargeability anomaly at 5+90 N on line 3+00 E coincides with the east-west chargeability anomaly from the gradient IP survey, lining up with the two anomalies on lines 1+00 and 2+00 N. The stronger chargeability anomaly at the south of line 3+00 E at around 100 N appears superficial and happens to be located where the UTV trail crosses the line (Fig. 6). This warrants follow up field work to determine what is causing the anomaly (i.e., presence of sulphide minerals or anthropogenic). On line 1+00 E there is a fairly sharp change in resistivity around station 2+75 N, which may be a contact, fault or sharp alteration front. This area is of interest and should be investigated.

The results of the survey indicate that several weak chargeability anomalies were located, which correspond to the east-west gradient IP anomaly. These results also indicate that follow up geological mapping and prospecting is warranted in the area 40 m north of stripping 5 and along the UTV trail where a stronger superficial chargeability anomaly was identified. The weak chargeability results suggest there is not a significant amount of sulphide mineralization at depth.

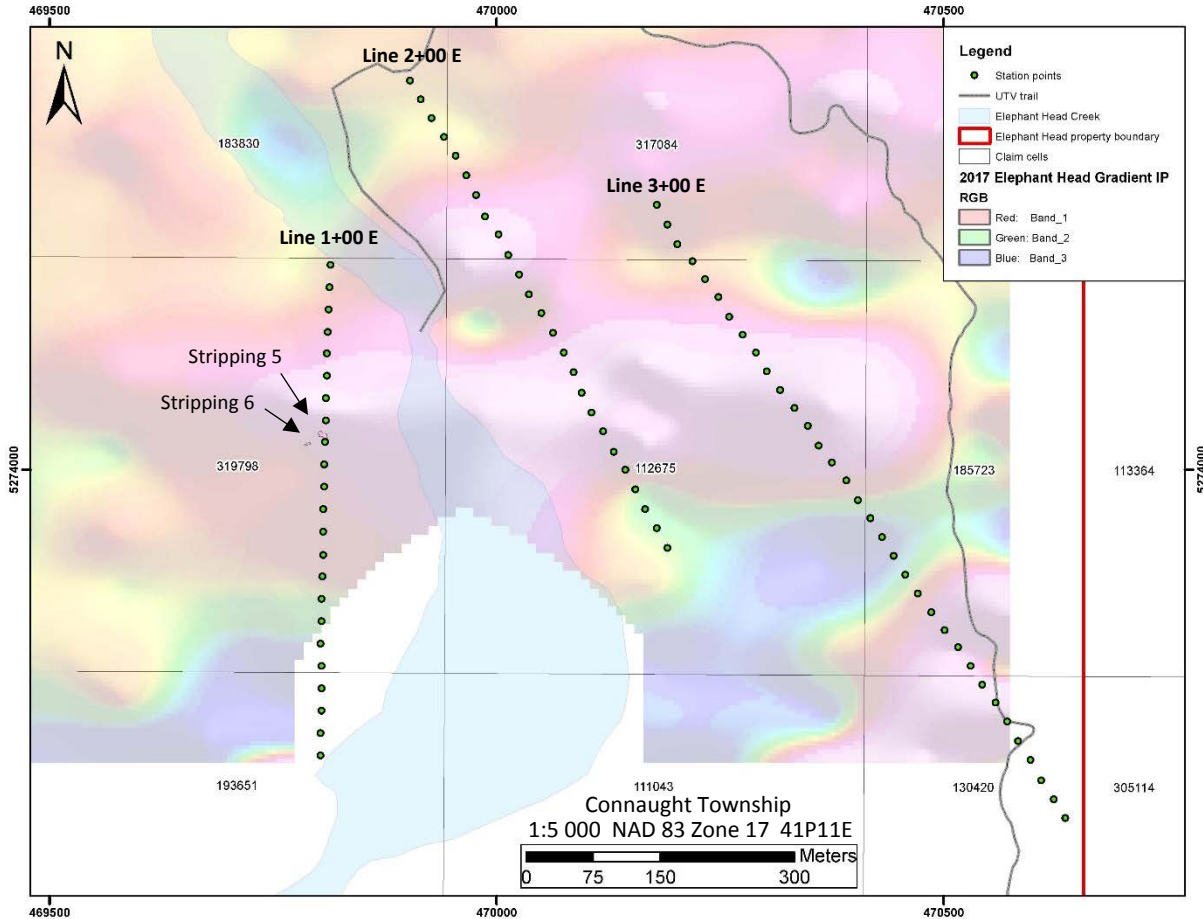


Figure 6: Plan map showing the location of the pole-dipole survey station points

7.0 DIAMOND DRILLING

7.1 Summary

The diamond drill program was planned test to both the east-west chargeability anomaly from the pole-dipole survey and the gold-bearing veins on surface in Strippings 5 and 6 described above (see section 5.0).

The drill program consisted of three diamond drill holes totaling 465 m of NQ size core that were drilled within the Connaught Township and NTS 41P11E. Prior to the arrival of the diamond drill equipment, two drill trails were cut to the collar locations (Fig. 7). A summary table of the diamond drill holes is presented in Table 3.

The drilling campaign was completed by NPLH Drilling, Timmins, Ontario for IAMGOLD. NPLH mobilized a diamond drill to the property on October 23, 2018. Drilling on the property commenced on October 24, 2018 and was completed on Nov 2, 2018. At each set up the drill was aligned prior to drilling by an IAMGOLD geologist using a compass and/or a Reflex North Finder azimuth pointing system. Each drill hole collar was positioned using a handheld Garmin GPSmap 62st handheld GPS. The drill hole collar locations were not surveyed subsequent to drilling. Core was oriented during the drill program using a Reflex Act III RD orientation kit by NPLH and the core was subsequently aligned by a geotechnician. Core

recovery was inconsistent through the program and generally low (average of 28%). The downhole orientation of the drill hole was monitored using a Reflex EZ-Trac (single or multishot) instrument. Collar tests were taken, on average, 12 m from the toe of the drill casing and then around every 50 m after the collar test until the end of the hole. A multishot test was taken every 3 m from the bottom of the drill hole to the top before removing the drill rods. The core was brought once a day from the drill rig to the Côté Exploration Core Shack, located at 3 Mesomikenda Lake Road, Gogama, Ontario.

The drill program planning was completed by Laura Katz, a Geologist with IAMGOLD and Brad McKinley, a Senior Geologist with IAMGOLD. The execution of the drill program was carried out by Erik Bobeckho and Adam Waram, both of whom are Junior Geologists, G.I.T. with IAMGOLD. Logging of the drill core occurred from November 11 to 25, 2018 for a total of 11 days. Nathan McCullough, a Junior Geologist, G.I.T. with IAMGOLD, and Adam Waram logged the drill core. Core alignment and RQD was performed by Shane O’Neill, a technician with IAMGOLD. Cutting and sampling of the drill core occurred from November 14 to December 3, 2018 over the span of 8 days. Cutting and sampling of the core was completed by Doreen Luke, Channing Graham, Claude Constant and Yvon Constant. A daily log and daily rates of IAMGOLD employees involved in the diamond drilling campaign can be found in Appendix C. All the work was performed at the Côté Exploration Core Shack and all IAMGOLD employees, except local workers from Gogama, held room and board at the Côté Gold Exploration camp over the duration of the program (Appendix C).

Drill logs describing the location of the hole collar, size of core, thickness of casing, rock type, alteration, mineralization, sample lengths, etc. can be found in Appendix D. Note that the assay results in the drill logs are rounded up to the nearest hundredth. Both EH18-01 and EH18-02 were drilled on claim number 112675, whereas EH18-03 was drilled on claim number 319798 (Fig. 7). Vertical cross sections of each hole with the rock type and assay results is provided in Appendix E.

After the drill program environmental inspections were conducted at each drill location to verify that the set ups were left in an environmentally good condition. All three drill pad locations were properly remediated.

Table 3: Drill hole information

Drillhole Name	Claim No.	Provincial Cell No.	Easting*	Northing*	Azimuth	Dip	Length (m)	Start Drill Date	End Drill Date	Start Log Date	End Log Date	No. Core Samples Collected	No. Core Samples Assayed
EH18-01	112675	41P11E237	470343	5274010	358	-53	147	24-Oct-18	26-Oct-18	13-Nov-18	17-Nov-18	56	56
EH18-02	112675	41P11E237	470106	5274015	002	-50	147	26-Oct-18	30-Oct-18	23-Nov-18	25-Nov-18	53	53
EH18-03	319798	41P11E236	469808	5273975	357	-59	171	01-Nov-18	02-Nov-18	11-Nov-18	13-Nov-18	67	67

*NAD 83 Zone 17

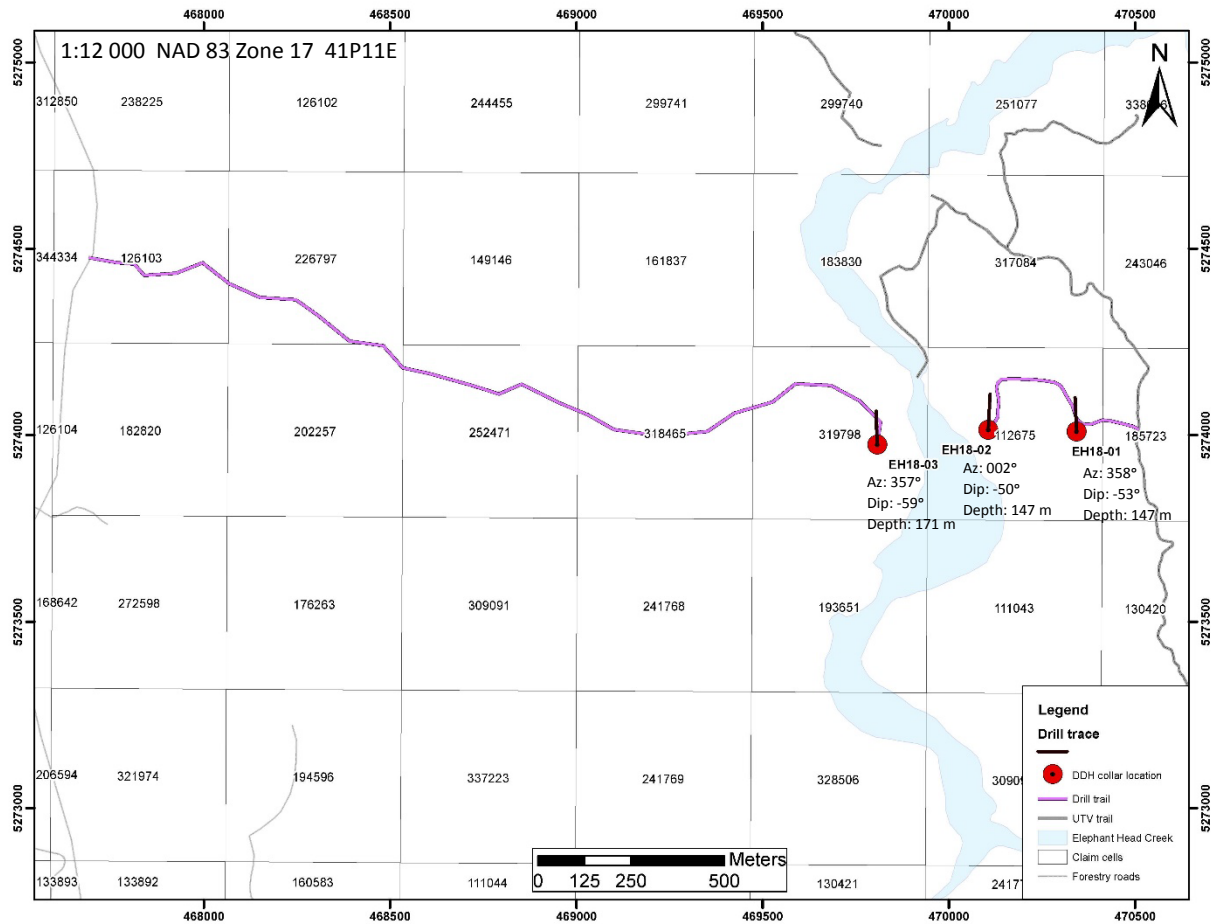


Figure 7: Plan map of the drill collar locations, drill traces and drill trails

7.2 Analytical Methods and QA/QC

This section provides information on the samples, laboratory, geochemical technique and QA/QC information for Elephant Head drill program. Gold assay results and certificates can be found in Appendix F. A total of 176 core samples, 8 blanks and 8 certified reference materials were sent to Activation Laboratories (Actlabs) Ltd., Timmins, Ontario for gold assay. All samples were sent for gold analyses by fire assay method (Code 1A2 Au). No trace element geochemistry or whole-rock geochemistry was completed. Actlabs is accredited to international quality standards through the International Organization for Standardization/International Electrotechnical Commission (ISO/IEC) 17025 (ISO/IEC 17025 includes ISO 9001 and ISO 9002 specifications).

Standards and blanks were inserted at a fixed rotation. Standards and blanks were rotated and were inserted every twelve sample. The blanks used in this program were certified blank material. The standards that were used are certified reference materials and include OREAS 501c, OREAS 502c, OREAS 224 and OREAS 504b. All standards and blanks passed. Only one OREAS 502c standard fell within the 3 standard deviation tolerance. The QA/QC results for the drill program can be found in Appendix F.

7.3 Rock Types

7.2.1 *Granodiorite*

The granodiorite is the dominant rock type in the drill holes. The granodiorite is light-grey to light-green, medium- to coarse-grained, massive and inequigranular. The granodiorite may also contain rare fine-medium-grained dioritic enclaves that range from 2 cm to 20 cm in size.

7.2.2 *Quartz feldspar porphyry*

The porphyry units sharply intrude the granodiorite. This unit contains a fine-grained to aphanitic, dark-grey to grey groundmass with rare quartz phenocrysts ($\leq 15\%$) and more abundant coarse-grained feldspar phenocrysts that typically range from 15-30%, but rarely may contain 55%. This unit ranges from <1 m to 9.65 m in apparent width.

7.2.3 *Granite dike*

This dike unit sharply intrudes the granodiorite and is typically <1 m in apparent width. The granite dike is white-grey or pink, aphanitic to fine-grained and massive. Note this unit was logged as an intermediate dike.

7.2.4 *Diabase dike*

Diabase dikes are aphanitic to medium-grained, black, strongly magnetic, massive, and may contain coarse-grained glomeroporphyritic plagioclase. The diabase dike sharply intrudes the granodiorite and the granite dikes.

7.3 Alteration and Mineralization

The granodiorite, quartz feldspar porphyry and granite dike contains semi-pervasive to pervasive, fracture- and vein-controlled sericite-silica \pm chlorite alteration. Outside the alteration halo the granodiorite, quartz feldspar porphyry and granite dike are typically altered by weak to moderate disseminated epidote and/or hematite.

7.4 Results

7.4.1 *EH18-01*

This drill hole was targeting the east-west pole-dipole chargeability anomaly at approximately 65 m depth. The hole was dominated by granodiorite with minor quartz feldspar porphyry dikes. The granodiorite contains weak to moderate epidote, chlorite, silica and sericite alteration. Minor pyrite mineralization (<1%) was noted between 49 to 100 m. This increase in sulphide may explain the chargeability anomaly. More specifically, one sample at 49.65 to 47.91 m returned 0.158 g/t Au and one sample at 49.81 to 51.54 m returned 0.257 g/t Au. Two other samples returned anomalous gold, including one 0.182 g/t Au sample at 133.82 to 135 m and a 0.642 g/t Au sample at 135 to 135.8 m. The latter sample contained one 8.5 cm quartz-pyrite-pyrrhotite vein with 15% pyrite and 20% pyrrhotite and is oriented 063/56. In addition, molybdenite was found at approximately 97 m depth along a small fracture.

7.4.2 EH18-02

This drill hole was targeting the east-west chargeability anomaly at approximately 70 m depth. The hole was dominated by granodiorite with minor granite, quartz feldspar porphyry and diabase dikes. Minor pyrite mineralization (<1%) was noted from approximately 89 to 150 m. The granodiorite contains weak to moderate epidote, hematite, silica and sericite alteration. No significant veining was intersected in this hole. There is no clear indication that the target was intersected.

7.4.3 EH18-03

The target of this drill hole was to intersect the gold-bearing quartz-sulphide vein found Stripping 5 on surface at a depth of 55 m, as well as the east-west chargeability anomaly at approximately 100 m depth. The hole was dominated by granodiorite with minor granite and quartz feldspar porphyry dikes. The granodiorite contained weak to moderate epidote, hematite, chlorite, silica and sericite alteration. A series of 6 to 8 small (1 to 13 cm) quartz-pyrite veins with up to 2% pyrite were intersected between 73.5 to 75.2 m. Two samples in this interval returned anomalous gold values, including one 0.105 g/t Au sample from 73.2 to 74.3 m and one 0.21 g/t Au sample from 74.3 to 75 m. These veins could represent the down-dip extension of the high-grade quartz-sulphide veins (up to 102 g/t Au) found in Stripping 5. It is unclear if the chargeability anomaly was intersected.

7.5 Diamond Drill Program Conclusions

Based on the diamond drilling campaign the gold mineralization appears to be restricted to quartz-sulphide veins. This observation is consistent with previous surface geological work (i.e., prospecting, mapping and stripping) that was completed on the property between 2017 and 2018. The gold-bearing veins contain silica-sericite alteration haloes marginal to the veins. However, the haloes themselves do not contain gold mineralization, nor is the presence of sericite-silica alteration necessarily indicative that veining will be present based on this drill program. The widest vein intersected was 13 cm and the widest interval of veining was <3 m in apparent width.

8.0 ABORIGINAL CONSULTATION COSTS

Between August 25, 2016 and March 6, 2019 there was communication between CGM and Mattagami, Matachewan and Wabun First Nations. The consultation and discussions included items such as notifying the First Nations of permit applications, updates on drafting amendments to the Matachewan/Mattagami memorandum of understanding and coordinating meetings. Several people performed the consultation, including Stephanie LaBelle, James Naveau, Kayla Scram, Matachewan First Nations members and Tim Harvey. A summary of the consultation record is presented in Table 4.

9.0 STATEMENT OF COSTS

The total value of work done on the Elephant Head property is summarized in Table 5. Contractor and assay invoices are provided in Appendix G. A detailed breakdown of the type of work activities by claim cell is provided in Appendix H.

Table 4: Aboriginal consultation record

Company	Date	Organization	Individuals	Type of Communication	Description
CGM	25-Aug-16	MNDM	Mining Recorder		Claims transferred from Transition Metals Corp. to Canadian Gold Miner Corp.
CGM	06-Oct-16	Wabun	Stephanie LaBelle	Email	Notification of Lincoln Nipissing permits applications
CGM	02-Nov-16	Mattagami	Stephanie LaBelle, James Naveau	Personal	Participated in Mattagami First Nation's (MFN) 1st Mining Expo. Discussed adding Elephant Head property to existing MOU between CGM and Mattagami/Matachewan dated June 30, 2016
CGM	06-Feb-17	Wabun	Stephanie LaBelle, Kayla Scram	Email	More discussion about adding the Elephant Head property to MOU schedule
CGM	15-Mar-17	Wabun	Stephanie Labelle	Email	Email update on progress on drafting an ammendment to the Matachewan-Mattagami MOU, and engtry into a new MOU that could include Wahgoshig as a party with respect to the Lincoln Nipissing property. Discussed Elephant Head and Lincoln Nipissing MOU agreement issues
CGM	17-Mar-17	Wabun	Stephanie Labelle, Kayla Scram, Matachewan FN members	In person	Attended Matachewan mining open house event on behalf of Transition Metals and Canadian Gold Miner
CGM	24-Mar-17	Wabun	Stephanie LaBelle, James Naveau, Kayla Scram	Email	Draft ammendments prepared and reviewed
CGM	06-Apr-17	Wabun	Stephanie LaBelle, Kayla Scram	Email	Proposal from Wabun to inlude both the Elephant Head and Lincoln Nipissing projects in a single ammendment to the June 30, 2016 CGM MOU with Matachewan and Mattagami that defines consideration specific to each project area with each community
CGM	17-Apr-17	Wabun	Stephanie Labelle	Email	2nd ammendment to include Elephant Head and Lincoln Nipissing projects signed by G.Collins of CGM
CGM	25-Apr-17	Wabun	Stephanie Labelle	Email	New ammendment adding Elephant Head and Lincoln Nipissing claims to MOU executed. Support to proceed with permitted activities subject to MOU obtained
CGM	03-Mar-18	Wabun	Stephanie Labelle	In person	To coordinate meetings with representatitves from Mattagami and Matachewan FN's at Wabun Booth
CGM	01-Mar-19	Wabun	Stephanie Labelle	Email	Arrange to meet at 2019 PDAC with reps from Mattagami and Mattachewan FN's
CGM	06-Mar-19	Mattagami	Stephanie Labelle, Tim Harvey	Person	Lunch meeting update at PDAC

Table 5: Summary of expenditures

Cost Category	Date	Invoice No.	Payee	Description	Amount
Pole-dipole survey		DPE 2018 087	Dan Patrie Exploration Ltd.	Line cutting and pole-dipole survey	\$ 6,765.88
				Subtotal	\$ 6,765.88
Diamond drilling	26-Nov-18	6076	NPLH Drilling	Diamond drill and trail making costs	\$ 70,069.99
	03-Dec-18	6080	NPLH Drilling	Diamond drill costs	\$ 30,591.98
	31-Oct-18	60534	Reflex	Act III and EZ-trac system rentals	\$ 1,007.57
	30-Nov-18	61015	Reflex	Act III and EZ-trac system rentals	\$ 3,507.12
			Laura Katz	Drill hole and gradient IP survey planning	\$ 400.00
			Brian Wright	Supervising trail making activities and spotting drill holes	\$ 3,600.00
			Erik Bobechno	Drill campaign coordinator	\$ 400.00
			Adam Waram	Core logger and drill campaign coordinator	\$ 3,400.00
			Nathan McCullough	Core logger	\$ 2,400.00
			Shane O'Neill	Geotechnician of core	\$ 600.00
		Iamgold employees	Core cutting and sampling	\$ 2,400.00	
				Subtotal	\$ 118,376.66
Assays	14-Dec-18	A18-18112	Actlabs	Diamond drill core samples	\$ 1,365.61
	02-Jan-19	A18-18808	Actlabs	Diamond drill core samples	\$ 1,087.91
	02-Jan-19	A18-18809	Actlabs	Diamond drill core samples	\$ 1,164.75
				Subtotal	\$ 3,618.27
Report writing			Laura Katz	Geologist report writing	\$ 4,800.00
				Subtotal	\$ 4,800.00
Transportation costs - truck rental	30-Oct-18	7000-3037-787	Enterprise	Truck rental - travel from and to camp to Elephant Head	\$ 1,698.62
	30-Nov-18	7000-3098-966	Enterprise	Truck rental - travel from and to camp to Elephant Head	\$ 1,697.55
				Subtotal	\$ 3,396.17
Lodging costs			Iamgold	Iamgold camp lodging and food (\$135/person/day)	\$ 2,497.50
				Subtotal	\$ 2,497.50
Aboriginal consultation costs			CGM		\$ 5,653.00
				Subtotal	\$ 5,653.00
					\$ 145,107.48

10.0 CONCLUSIONS

The results of the drill program indicate mineralization is restricted to quartz-sulphide veins. Although some anomalous vein-bearing material was intersected in two of the three holes, these quartz-sulphide veins are typically small (<10 cm) wide and currently are not known to form significantly wide subparallel sets or stock work zones. The 10 to ≤50 cm wide quartz-pyrite vein at surface on Stripping 5, which returned up to 102 g/t Au, is considered to have been intersected at depth between 73.2 to 75 m. However, the gold results (i.e., 0.105 g/t Au and 0.21 g/t Au) indicate that mineralization in these veins is quite variable. Although an east-west trending chargeability anomaly was identified in the pole-dipole survey, the chargeability anomaly itself was quite low and drilling did not intersect significant disseminated or vein sulphide mineralization.

11.0 RECOMMENDATIONS

Future work suggested includes prospecting and/or geological mapping work slightly north of Stripping 5 on Line 1+00 E where the chargeability anomaly appears to be located on surface and along the UTV trail on Line 3+00 E where a superficial chargeability anomaly was identified.

STATEMENT OF QUALIFICATIONS

I, Laura Katz, do hereby certify that:

- 1) I have been a Geologist at IAMGOLD Corporation since June 2nd, 2016.
- 2) I graduated with an Honours B.Sc. Earth Sciences from Carleton University in 2011.
- 3) I completed a Ph.D. in Mineral Deposits and Precambrian Geology at Laurentian University in 2016.
- 4) I am a practising member in good standing with the Association of Professional Geoscientists of Ontario (Member Number 2823). I am also a member of the Society of Economic Geologists.
- 5) I have worked as a Geologist for over 2 and a half years since graduating from University.
- 6) The report is true and accurate to the best of my knowledge. The report includes information that was gathered from various sources, such as assessment files, publications and contractor-provided information.
- 7) I am responsible for the planning and writing of the 2018 Geophysical and Diamond Drill Hole Report at Elephant Head.
- 8) I have no personal interest in the property covered by this report.

STATEMENT OF QUALIFICATIONS

I, Bradley McKinley, P.Geo., a professional geologist with a business address of Unit 10 – 2140 Regent Street, Sudbury, ON., certify that:

- 1) I have been a Registered Member of the Association of Professional Geoscientists of Ontario since 2009.
- 2) I graduated with a B.Sc. from the University of Waterloo (Honours Geology) in Earth Sciences in 2003.
- 3) I graduated with a M.Sc. from the University of British Columbia (Economic Geology) in 2006.
- 4) I have been practicing in my profession as a geologist since 2004.
- 5) I have been an employee of IAMGOLD Corporation since February 21st, 2017.
- 6) The information presented in this document is true and accurate to the best of my knowledge. This information was gathered from such various sources as assessment files, publications, in-house work and contractor-provided reports.
- 7) I planned and oversaw the field work covered in this report.
- 8) I have no personal interest in the property covered by this report.

Dated in Sudbury, Ontario, this 11th day of April 2019.

REFERENCES

Ayer, J.A., and Chartrand, J.E., 2011, Geological compilation of the Abitibi greenstone belt: Ontario Geological Survey, Miscellaneous Release – Data 282.

Born, 1981, Geological Report on Shining II Property, ON: Assessment Report, Patino Mines (Quebec) Ltd, p. 1-18.

Carter, M.W., 1980, Geology of Connaught and Churchill Townships, District of Sudbury: Ontario Geological Survey Report 190, p. 81.

Kuuskman, M., and Hart, T., 2013, Report on the Elephant Head Property, Connaught Township, Ontario: Unpublished company report, Transition Metals Corp.

Long, D.G.F., 2009, The Huronian Supergroup; *in* A Field Guide to the Geology of Sudbury, Ontario: Ontario Geological Survey, Open File Report 6243, p. 14-30.

Thurston, P.C., Ayer, J.A., Goutier, J., and Hamilton, M.A., 2008, Depositional Gaps in Abitibi Greenstone Belt Stratigraphy: A Key to Exploration for Syngenetic Mineralization: *Economic Geology*, v. 2013, pp. 1097-1134.

Appendix A

Geophysical Survey Equipment Specifications



IPR-12

Induced Polarization

IPR-12 SPECIFICATIONS

The IPR-12 IP receiver has been successfully used for many years as a mineral exploration tool, specifically for gold exploration.

Induced polarization can also be used as a method for mapping hydrocarbon plumes and geotechnical applications.

Inputs:	1 to 8 dipoles are measured simultaneously.
Input Impedance:	16 M Ω
SP Bucking:	± 10 volt range. Automatic linear correction operating on a cycle by cycle basis.
Input Voltage (Vp) Range:	50 μ V to 14 V
Chargeability (M) Range:	0 to 300 mV/V
Tau Range:	60 microseconds to 2000 seconds.
Reading Resolution of Vp, SP and M:	Vp - 10 μ V; SP - 1 mV; M - 0.01 mV/V
Absolute Accuracy of Vp, Sp and M:	Better than 1%
Common Mode Rejection:	At input more than 100dB.
Vp Integration Time:	10% to 80% of the current on time.
IP Transient Program:	Pulse selectable at 1,2,4,8,16 or 32 seconds. Programmable windows also available. 50% duty cycle.
Transmitter Timing:	On/off times of 1,2,4,8,16 or 32 seconds.
External Circuit Test:	All dipoles measured individually in sequence. Range 0 to 2 M Ω with 0.1 k Ω resolution. Circuit resistances displayed and recorded.
Filtering:	RF filter, 10 Hz 6 pole low pass filter, statistical noise spike removal.
Internal Test Generator:	1200 mV of SP; 807 mV of Vp and 30.28 mV/V of M.
Analog Meter:	For monitoring input signals; switchable to any dipole via keyboard.
Memory Capacity:	Stores approximately 400 dipoles of information when 8 dipoles are measured simultaneously.
Power Supply:	Rechargeable Ni-Cad D cells. More than 20 hours service at +25°C. (77°F), more than 8 hours at -30°C (-22°F)
Operating Temperature:	-30°C to +50°C (-22°F to 122°F)
Dimensions and Weights:	Console: 355 x 270 x 165 mm (14" x 10.6" x 6.5") Charger: 120 x 95 x 55 mm (4.7" x 3.7" x 2") Console: 5.8 kg (12.8 lbs.) Batteries: 1.3 kg (2.8 lbs.) Charger: 1.1 kg (2.4 lbs.)

OPTIONS

Transmitters
Software Packages
Training Program

ISO 9001:2000 registered company. All specifications are subject to change without notice.

Specification Sheet Part Number 745711 Revision 0



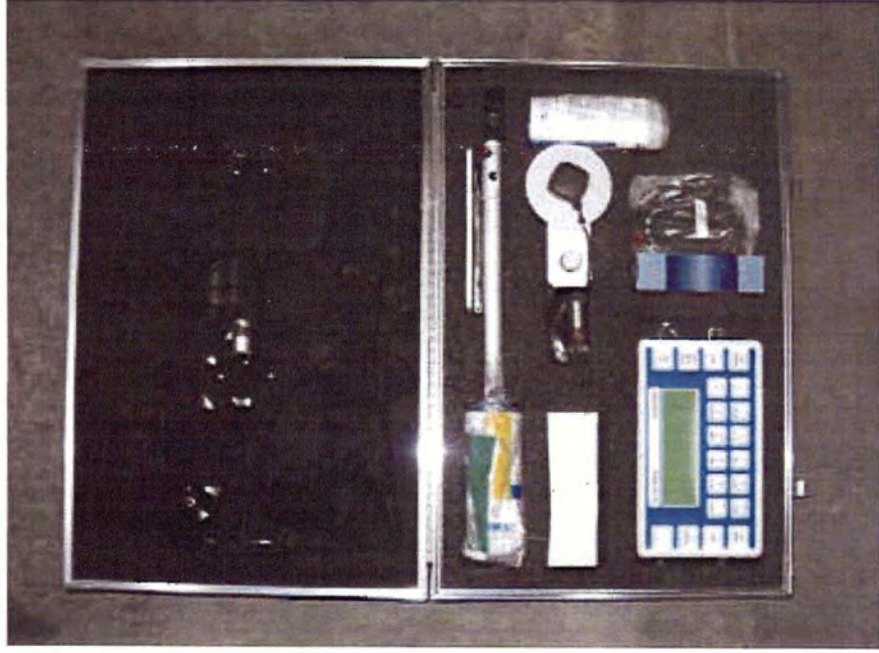
CANADA

Scintrex
222 Snidercroft Road
Concord, Ontario L4K 2K1
Telephone: +1 905 669 2280
Fax: +1 905 669 6403
e-mail: scintrex@scintrextld.com
Website: www.scintrex.com



USA

Micro-g LaCoste
1401 Horizon Avenue
Lafayette, CO 80026
Telephone: +1 303 828 3499
Fax: +1 303 828 3288
e-mail: info@microglacoste.com
Website: www.microglacoste.com



■ Envi Pro system package



222 Snidercroft Road | Concord, L4K 2K1 | Ontario, Canada
PHONE: +1-905-669-2280 | FAX: +1-905-669-6403
EMAIL: scintrex@scintrexld.com
WWW.SCINTREXLTD.COM

SCINTREX
A DIVISION OF LRS
Setting the Standards

ENVI PRO SPECIFICATIONS

TOTAL FIELD OPERATING RANGE	23,000 to 100,000 nT (gamma)
TOTAL FIELD ABSOLUTE ACCURACY	±1 nT (gamma)
SENSITIVITY	0.1 nT (gamma) at 2 second sampling rate
TUNING/ SAMPLING	Fully solid state. Manual or automatic, keyboard selectable Cycling (Reading) Rates 0.5, 1, 2, or 3 seconds
GRADIOMETER OPTION	Includes a second sensor, 0.5m (20 inch) staff extender and processor module
GRADIENT TOLERANCE	> 7000 nT (gamma)/m
'WALKMAG' MODE	Continuous reading, cycling as fast as 0.5 seconds
SUPPLIED GPS ACCURACY	+/- 1m (Autonomous), < 1m WAAS Connects to most external GPS receivers with NMEA & PPS output
STANDARD MEMORY	Total Field Measurements: 84,000 readings Gradiometer Measurements: 67,000 readings Base Station Measurements: 500,000 readings
REAL-TIME CLOCK	1 second resolution, ± 1 second stability over 24 hours or GPS time
DIGITAL DATA OUTPUT	RS-232C, USB Adapter
POWER SUPPLY	Rechargeable, 2.9 Ah, lead-acid dry cell battery 12 Volts External 12 Volt input for base station operations
OPERATING TEMPERATURE	-40°C to +60°C (-40°F to 140°F)
DIMENSIONS & WEIGHT	Console: 250mm x 152mm x 55mm (10" x 6" x 2.25") 2.45 kg (5.4 lbs) with rechargeable battery Magnetic Sensor: 70mm d x 175mm (2.75"d x 7") 1 kg (2.2 lbs) Gradiometer Sensor: 70mm d x 675mm (2.75"d x 26.5") (with staff extender) 1.15 kg (2.5 lbs) Sensor Staff: 25mm d x 2m (1"d x 76") 0.8 kg (1.75 lbs)
OPTIONS	<ul style="list-style-type: none"> • Base Station Accessories Kit • Cold Weather Accessories • Additional Software Packages • Training Programs

All specifications subject to change without notice.



ENVI PRO MAG

The ENVI PRO system when configured as a TOTAL FIELD magnetometer is referred to as the ENVI PRO MAG. In this set up the ENVI PRO system can be operated in a traditional "STOP and MEASURE" mode, thus providing the full sensitivity obtainable with a proton magnetometer, ideally suited for mineral exploration. Alternatively, the ENVI PRO MAG can be operated in the "WALKMAG" mode, where readings may be made continuously at a user selectable rate of up to 2 readings per second. Although this marginally reduces the accuracy, it does allow the user to collect increased volumes of data and cover more area in a shorter period of time. This makes the ENVI PRO MAG a very cost effective tool for environmental surveys. The ENVI PRO MAG provides the following information:

- Total Magnetic Field
- Time/Date of Reading
- Coordinates of Reading either in grid format or GPS format
- Statistical Error of the Reading
- Signal Strength and Decay Rate of the Reading

As a magnetic BASE STATION instrument the ENVI PRO MAG can be set up to record variations of the Earth's magnetic field. Using this information from a stationary ENVI PRO MAG, the total field readings obtained with other field magnetometers can be corrected for these fluctuations, thus improving the accuracy of magnetic data.

All ENVI PRO MAG systems can be operated as either field or base station instruments. The optional base station accessories kit is recommended for base station applications.

ENVI PRO GRAD

The ENVI PRO system configured as an ENVI PRO GRAD enables true simultaneous gradiometer measurements to be obtained. The ENVI PRO GRAD provides an accurate means of measuring both the total field and the gradient of the total field. The system reads the measurements of both sensors simultaneously to calculate the true gradient measurement. In the gradient mode, the ENVI PRO GRAD sharply defines the magnetic responses determined by total field data. It individually delineates closely spaced anomalies rather than collectively identifying them under one broad magnetic response. The ENVI PRO GRAD is well suited for geotechnical and archaeological surveys where small near surface magnetic targets are the object of the survey. In addition, the ENVI PRO GRAD provides the gradient of the total magnetic field.

BENEFITS

The Scintrex ENVI PRO system offers the flexibility to find the increasingly more elusive anomalous targets. A complete ENVI PRO is low cost, lightweight, portable proton precession magnetometer/gradiometer, which enables to survey large areas quickly and accurately.

- Portable Field and Base Station Magnetometer
- True Simultaneous Gradiometer
- GPS Integrated positioning
- Complete with mapping software

Increase Productivity

Sampling rates of 0.5 second, 1 second and 3 seconds can be selected.

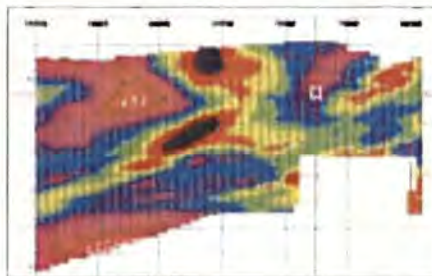
Rapidly Recall Data

For quality of data and for rapid analysis of the magnetic characteristics of the survey line, several modes of review are available. These include the measurements at the last four stations, the ability to scroll through any or all previous readings in memory and a graphic display of the previous data as profiles, line by line.

Simplify Fieldwork

The ENVI PRO system makes surveys easier to conduct:

- Provides simple operator menus
- Presents the data both numerically and graphically
- Calculates statistical error for each measurement
- Provides the ability to remove the coarse magnetic field value or data from the field data to simplify plotting of the field results
- Automatically calculates diurnal corrections
- Allows for hands free operation with the backpack



Data Quality Control and Mapping Software

The software provided offers import and export capabilities, time and date channels, extended spreadsheet, plotting and mapping functionalities.

It also includes more advanced data processing tools, such as merging and appending files, data filtering, and interpolation.

At the core of the ENVI PRO system is a lightweight console with a large display. Included with each system is a GPS antenna, a total field sensor and/or gradiometer sensor, sensor staff, backpack, a rechargeable battery, battery charger, dump cables, utility and mapping software, and a transit case.

APPLICATIONS

Since the ENVI PRO system capabilities are versatile, it can be used in a variety of applications including:

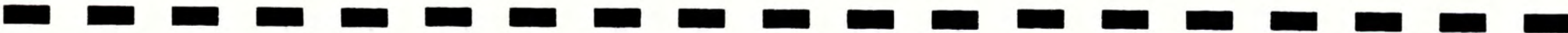
- Mineral Exploration
- Geological Mapping
- Environmental Site Characterization
- Groundwater Exploration
- Groundwater Studies
- Geotechnical Studies
- Civil Engineering
- Archaeology



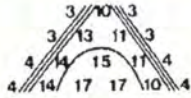
ENVI PRO
Proton Magnetometer
with Integrated GPS



A DIVISION OF LRS



WALCER GEOPHYSICS LTD. 



- TRANSMITTERS
- MOTOR GENERATORS
- GEOREELS
- SPEEDWINDERS
- ELECTRODES
- WIRE

- RENTALS

- MAINTENANCE

- CONTACT US

Walcer Model TX KW10



Voltage Input
125V line to neutral
400 Hz / 3 phase
Powered by MG12, MG6 and MG12A

Output
100 - 3200V in 10 steps
0.05 - 20 Amps
Tested to 10.5 kVA

Switching
1 sec., 2 sec., 4 sec., 8 sec.

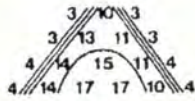
Metering
LED for line voltage
and output current

Size
63cm. x 54cm. x 25cm.

Weight
44 kg.

Contact Webmaster at webmaster@walcergeophysics.com

WALCER GEOPHYSICS LTD.



- TRANSMITTERS
- MOTOR GENERATORS**
- GEOREELS
- SPEEDWINDERS
- ELECTRODES
- WIRE

- RENTALS

- MAINTENANCE

- CONTACT US



Gasoline Tank
External - to minimize
shipping problems with airlines

MG-12A

Output
Self Excite / Regulated
120 / 220V AC
20 KVA Max
400 Hz / 3 phase

Generator
Bendix Aircraft Type
Very durable
Forced Air Cooled

Engine
24 HP Honda
Electric Start

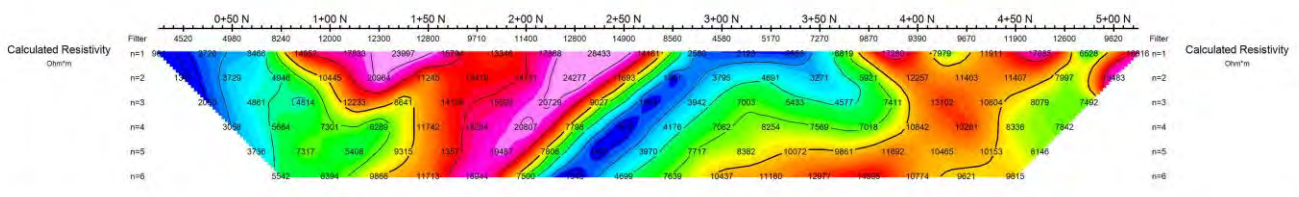
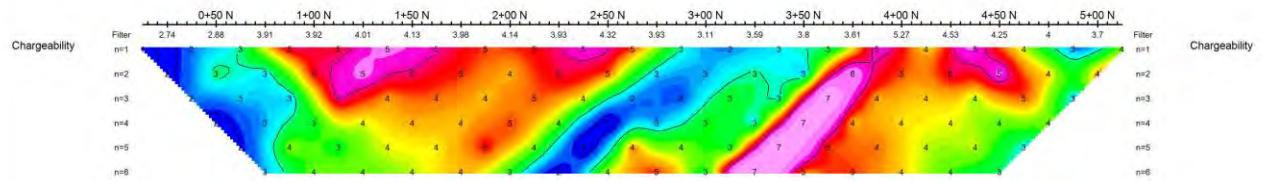
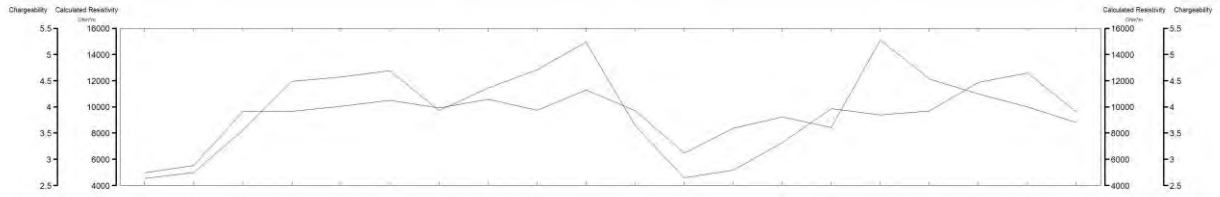
Size
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Weight
89 kg.

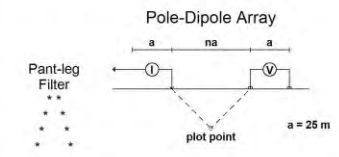
Contact Webmaster at webmaster@walcergeophysics.com

Appendix B

Pseudo Section Plots of the Pole-dipole Results



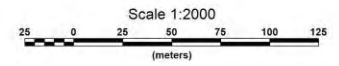
**Pseudo Section Plot
1+00 E**



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

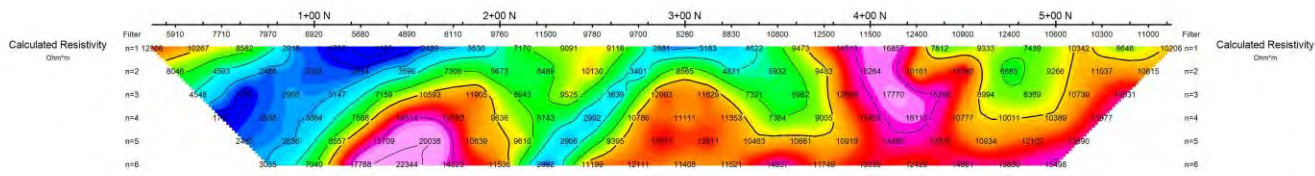
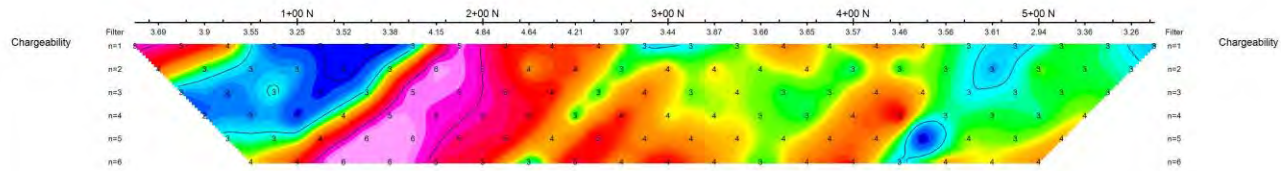
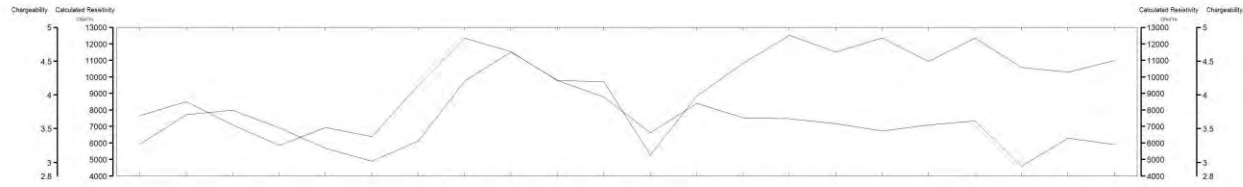


I AM GOLD

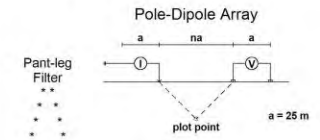
**INDUCED POLARIZATION SURVEY
Elephant Head Property
Test Lines**

Date: 25/09/2018
Interpretation: DPE

Dan Patrie Exploration Ltd.



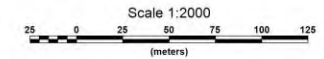
Pseudo Section Plot 2+00 E



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.

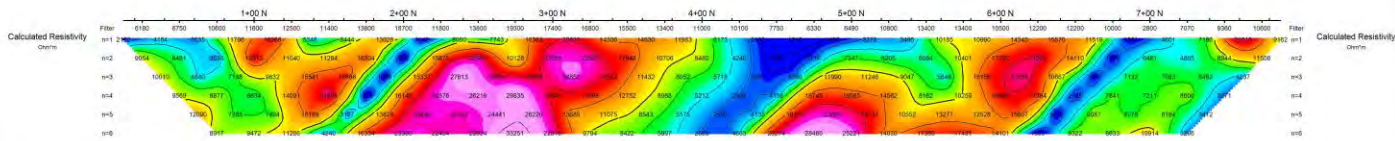
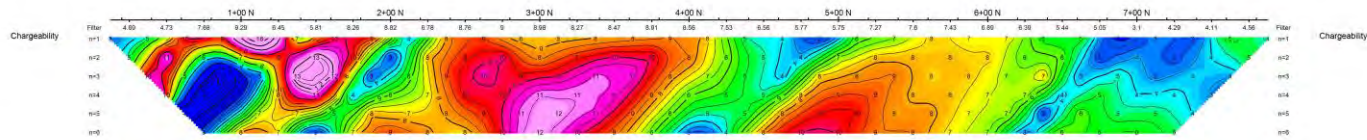
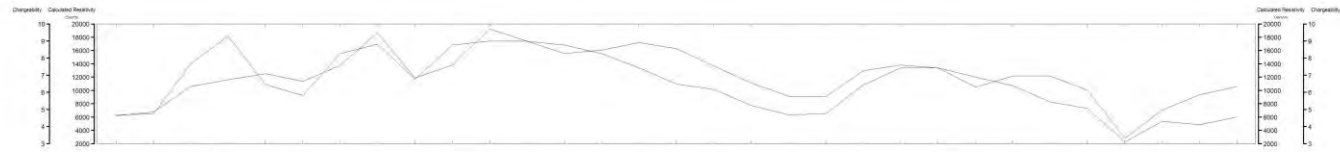


I AM GOLD

**INDUCED POLARIZATION SURVEY
Elephant Head Property
Test Lines**

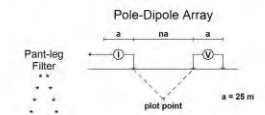
Date: 24/09/2018
Interpretation: DPE

Dan Patrie Exploration Ltd.



Geosoft Software for the Earth Sciences

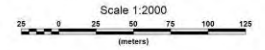
**Pseudo Section Plot
3+00 E**



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

INTERPRETATION

- Strong increase in polarization accompanied by marked decrease in resistivity.
- Well defined increase in polarization without marked resistivity decrease.
- Poorly defined polarization increase with no resistivity signature.
- ▼ Low resistivity feature.



I AM GOLD
INDUCED POLARIZATION SURVEY
Elephant Head Property
Test Lines
 Date: 24/09/2018
 Interpretation: DPE
Dan Patrie Exploration Ltd.

Appendix C

Daily Exploration Activity Log and Daily Rates

Table C1: Daily activity log of IAMGOLD personnel during the diamond drill program

Date	Hours/Day	Personnel	Daily Log
12-Oct-18	10	Laura Katz	Drillhole planning, making maps and cross sections
16-Oct-18	10	Brian Wright	Flagging drill trail
17-Oct-18	10	Brian Wright	Flagging drill trail
21-Oct-18	10	Brian Wright	Showing NPLH drill collar locations
22-Oct-18	10	Brian Wright	Supervising float move
23-Oct-18	10	Brian Wright	Supervising feller buncher making drill trail
	5	Adam Waram	Elephant Head drilling support and coordination and spotted drill holes EH18-01 and EH18-02
24-Oct-18	10	Brian Wright	Supervising feller buncher making drill trail
	5	Adam Waram	Elephant Head drilling support and coordination
25-Oct-18	10	Brian Wright	Supervising feller buncher making drill trail
	5	Adam Waram	Elephant Head drilling support and coordination
26-Oct-18	5	Adam Waram	Elephant Head drilling support and coordination
	10	Shane O'Neill	Geotechning Elephant Head drill core
27-Oct-18	5	Adam Waram	Elephant Head drilling support and coordination
31-Oct-18	10	Brian Wright	Spotting drill hole EH18-03
	10	Erik Bobechko	Spotting drill hole EH18-03
03-Nov-18	10	Brian Wright	Tracking drill trails with GPS and drill visit
10-Nov-18	10	Shane O'Neill	Geotechning Elephant Head drill core
11-Nov-18	10	Adam Waram	Core logging EH18-003
12-Nov-18	10	Adam Waram	Core logging EH18-003
13-Nov-18	10	Adam Waram	Core logging EH18-003
	10	Nathan McCullough	Core logging EH18-001
14-Nov-18	10	Nathan McCullough	Core logging EH18-001
	10	Channing Graham	Core cutting EH18-003
15-Nov-18	10	Nathan McCullough	Core logging EH18-001
	10	Channing Graham	Core sampling EH18-003
16-Nov-18	10	Nathan McCullough	Core logging EH18-001
	10	Channing Graham	Core sampling EH18-003
17-Nov-18	10	Nathan McCullough	Core logging EH18-001
	5	Channing Graham	Core cutting EH18-001
20-Nov-18	10	Nathan McCullough	Environmental inspection on EH18-01, EH18-02 and EH18-03
21-Nov-18	5	Doreen Luke	Deliver core samples (EH18-003) to lab
22-Nov-18	5	Channing Graham	Core cutting EH18-001
23-Nov-18	10	Adam Waram	Core logging EH18-002
	10	Doreen Luke	Core sampling EH18-001
24-Nov-18	10	Adam Waram	Core logging EH18-002
25-Nov-18	10	Adam Waram	Core logging EH18-002
02-Dec-18	10	Yvon Constant	Core cutting EH18-002
03-Dec-18	10	Claude Contact	Core sampling EH18-002
05-Dec-18	5	Doreen Luke	Deliver core samples (EH18-001 and EH18-002) to lab

Table C2: Daily rate and log of IAMGOLD personnel during the diamond drill program

Personnel	Title	Daily Rate	Start Date	End Date	No. of Days Worked Total	No. of Days Lodged at Côté Exploration Camp
Laura Katz	Geologist	\$400.00	12-Oct-18	12-Oct-18	1	1
Erik Bobechko	Junior Geologist, G.I.T.	\$400.00	31-Oct-18	31-Oct-18	1	1
Nathan McCullough	Junior Geologist, G.I.T.	\$400.00	13-Nov-18	20-Nov-18	6	6
Adam Waram	Junior Geologist, G.I.T.	\$400.00	23-Oct-18	25-Nov-18	8.5	8.5
Brian Wright	Prospector	\$400.00	16-Oct-18	03-Nov-18	9	0
Shane O'Neill	Geotechnician	\$300.00	26-Oct-18	10-Nov-18	2	2
Channing Graham	Geotechnician	\$300.00	14-Nov-18	22-Nov-18	4	0
Doreen Luke	Geotechnician	\$300.00	21-Nov-18	05-Dec-18	2	0
Yvon Constant	Geotechnician	\$300.00	02-Dec-18	02-Dec-18	1	0
Claude Constant	Geotechnician	\$300.00	03-Dec-18	03-Dec-18	1	0

Appendix D

Drill Hole Logs

DRILL HOLE REPORT

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling		Casing		Core		Location		Other			
Azimuth:	357.6	Length:	9	Dimension:	NQ	Claim No.:	112675	Company:	IAMGOLD		
Dip:	-52.9	Pulled:	no	Diam Chang:	no	NTS:		Contractor:	NPLH		
Length:	147	Capped:	yes	Storage:	Marathon Laydown Area	Hole:	SURFACE	Spotted by:	Adam Warram		
Started:	24-Oct-18	Cemented:	no	Hole Type	DDH	Section:	t	Surveyed:			
Completed:	26-Oct-18	Left in hole:	no	Logged by:	Nathan McCullough	Zone:	17	Surveyed by:			
Logged:	13-Nov-18	Making water:	no	Relog by:		NAD:	NAD83	Multi shot su	yes		
Township:	CONNAUGH	Plugged:	no								
Target:	Testing east-west chargeability anomaly around 65 m depth					Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local			
Comment:	Log start date: Nov 13, 2018 Log completion date: Nov 17, 2018					East:	470343	East:	470343	East:	0
						North:	5274010	North:	5274010	North:	0
						Elev.:	376	Elev.:	376	Elev.:	0

Deviation Tests

Density Tests

Distance	Azimuth	Dip	Easting	Northing	Elevation	Mag. Fie.	Type	Good	Comments
0.00	357.60	-52.90	0	0	0		C	<input checked="" type="checkbox"/>	
0.00	27.10	-54.60				29616	R	<input type="checkbox"/>	
3.00	27.00	-54.50				29610	R	<input type="checkbox"/>	
6.00	344.40	-54.10				27271	R	<input type="checkbox"/>	
9.00	86.70	-54.00				22600	R	<input type="checkbox"/>	
12.00	357.40	-53.80				96208	R	<input type="checkbox"/>	
15.00	357.40	-53.20				57922	R	<input type="checkbox"/>	
18.00	356.10	-53.10				57124	R	<input type="checkbox"/>	
21.00	357.60	-52.90				56843	R	<input checked="" type="checkbox"/>	
24.00	357.60	-52.90				56660	R	<input checked="" type="checkbox"/>	
27.00	357.30	-52.80				56550	R	<input checked="" type="checkbox"/>	
30.00	357.20	-52.70				56474	R	<input checked="" type="checkbox"/>	
33.00	357.10	-52.70				56436	R	<input checked="" type="checkbox"/>	
36.00	357.20	-52.60				56407	R	<input checked="" type="checkbox"/>	
39.00	357.10	-52.60				56390	R	<input checked="" type="checkbox"/>	

DRILL HOLE REPORT

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling	Casing	Core	Location	Other
Azimuth: 357.6	Length: 9	Dimension: NQ	Claim No.: 112675	Company: IAMGOLD
Dip: -52.9	Pulled: no	Diam Chang: no	NTS:	Contractor: NPLH
Length: 147	Capped: yes	Storage: Marathon Laydown Area	Hole: SURFACE	Spotted by: Adam Warram
Started: 24-Oct-18	Cemented: no	Hole Type: DDH	Section: t	Surveyed:
Completed: 26-Oct-18	Left in hole: no	Logged by: Nathan McCullough	Zone: 17	Surveyed by:
Logged: 13-Nov-18	Making water: no	Relog by:	NAD: NAD83	Multi shot su yes
Township: CONNAUGH	Plugged: no			
Target: Testing east-west chargeability anomaly around 65 m depth			Coordinate - Gemcom	Coordinate - UTM
Comment: Log start date: Nov 13, 2018			East: 470343	East: 470343
Log completion date: Nov 17, 2018			North: 5274010	North: 5274010
			Elev.: 376	Elev.: 376
			Coordinate - Local	East: 0
				North: 0
				Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
42.00	357.00	-52.50				56365	R	✓	
45.00	357.10	-52.50				56365	R	✓	
48.00	357.10	-52.40				56354	R	✓	
51.00	357.10	-52.40				56345	R	✓	
54.00	357.10	-52.40				56335	R	✓	
57.00	357.20	-52.40				56336	R	✓	
60.00	357.20	-52.30				56287	R	✓	
63.00	357.10	-52.30				56288	R	✓	
66.00	357.40	-52.50				56293	R	✓	
69.00	357.20	-52.30				56291	R	✓	
72.00	357.20	-52.30				56298	R	✓	
75.00	357.20	-52.20				56307	R	✓	
78.00	357.20	-52.20				56295	R	✓	
81.00	357.20	-52.10				56304	R	✓	
84.00	357.20	-52.20				56277	R	✓	
87.00	357.00	-52.10				56575	R	✓	

DRILL HOLE REPORT

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling		Casing		Core		Location		Other			
Azimuth:	357.6	Length:	9	Dimension:	NQ	Claim No.:	112675	Company:	IAMGOLD		
Dip:	-52.9	Pulled:	no	Diam Chang:	no	NTS:		Contractor:	NPLH		
Length:	147	Capped:	yes	Storage:	Marathon Laydown Area	Hole:	SURFACE	Spotted by:	Adam Warram		
Started:	24-Oct-18	Cemented:	no	Hole Type	DDH	Section:	t	Surveyed:			
Completed:	26-Oct-18	Left in hole:	no	Logged by:	Nathan McCullough	Zone:	17	Surveyed by:			
Logged:	13-Nov-18	Making water:	no	Relog by:		NAD:	NAD83	Multi shot su	yes		
Township:	CONNAUGH	Plugged:	no								
Target:	Testing east-west chargeability anomaly around 65 m depth					Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local			
Comment:	Log start date: Nov 13, 2018 Log completion date: Nov 17, 2018					East:	470343	East:	470343	East:	0
						North:	5274010	North:	5274010	North:	0
						Elev.:	376	Elev.:	376	Elev.:	0

Deviation Tests

Density Tests

Distance	Azimuth	Dip	Easting	Northing	Elevation	Mag. Fie.	Type	Good	Comments
90.00	357.30	-52.10				56290	R	<input checked="" type="checkbox"/>	
93.00	357.30	-52.10				56322	R	<input checked="" type="checkbox"/>	
96.00	357.30	-52.00				56316	R	<input checked="" type="checkbox"/>	
99.00	357.60	-52.00				56097	R	<input checked="" type="checkbox"/>	
102.00	357.40	-52.00				56315	R	<input checked="" type="checkbox"/>	
105.00	357.40	-51.90				56323	R	<input checked="" type="checkbox"/>	
108.00	357.70	-52.00				56330	R	<input checked="" type="checkbox"/>	
111.00	357.30	-51.80				56325	R	<input checked="" type="checkbox"/>	
114.00	357.30	-51.80				56325	R	<input checked="" type="checkbox"/>	
117.00	357.30	-51.80				56320	R	<input checked="" type="checkbox"/>	
120.00	358.00	-52.60				56311	R	<input type="checkbox"/>	
123.00	357.30	-51.80				56307	R	<input checked="" type="checkbox"/>	
126.00	357.40	-51.80				56295	R	<input checked="" type="checkbox"/>	
129.00	357.40	-51.80				56303	R	<input checked="" type="checkbox"/>	
132.00	356.90	-51.80				56485	R	<input type="checkbox"/>	
135.00	357.50	-51.80				56229	R	<input checked="" type="checkbox"/>	

DRILL HOLE REPORT

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling	Casing	Core	Location	Other
Azimuth: 357.6	Length: 9	Dimension: NQ	Claim No.: 112675	Company: IAMGOLD
Dip: -52.9	Pulled: no	Diam Chang: no	NTS:	Contractor: NPLH
Length: 147	Capped: yes	Storage: Marathon Laydown Area	Hole: SURFACE	Spotted by: Adam Warram
Started: 24-Oct-18	Cemented: no	Hole Type: DDH	Section: t	Surveyed:
Completed: 26-Oct-18	Left in hole: no	Logged by: Nathan McCullough	Zone: 17	Surveyed by:
Logged: 13-Nov-18	Making water: no	Relog by:	NAD: NAD83	Multi shot su yes
Township: CONNAUGH	Plugged: no			
Target: Testing east-west chargeability anomaly around 65 m depth				
Comment: Log start date: Nov 13, 2018 Log completion date: Nov 17, 2018				
			Coordinate - Gemcom	Coordinate - UTM
			East: 470343	East: 470343
			North: 5274010	North: 5274010
			Elev.: 376	Elev.: 376
				Coordinate - Local
				East: 0
				North: 0
				Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
138.00	3.50	-51.80				59933	R	<input type="checkbox"/>	
141.00	357.30	-51.80				56330	R	<input checked="" type="checkbox"/>	
144.00	357.40	-51.70				56301	R	<input checked="" type="checkbox"/>	
147.00	357.30	-51.80				55943	R	<input checked="" type="checkbox"/>	
147.00								<input type="checkbox"/>	

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
0.00	9.85	OB Overburden Overburden										
9.85	24.49	GDR Granodiorite	PGY	850911	19.33	20.33	1.00	0.01	-	0.01	-	-
		Granodiorite, pink-grey, mgr, massive, inequigranular, non-magnetic. Weak sil pv, weak to moderate ser spv, weak to strong ep spv, weak cb pv, very weak to weak lx sel. No mineralization. 1% qz-cb+/-chl stringers and veinlets. Lower contact with QFP sharp, irregular.		850913	20.33	21.83	1.50	0.02	-	0.02	-	-
				850914	21.83	22.83	1.00	0.01	-	0.01	-	-
		Alteration Maj:	Type/Style/Intensity	Comment								
		9.85 - 19.85	BIO SEL 1	Biotitization, Selective, Very weak								
		9.85 - 19.85	CL SEL 2	Chloritization, Selective, Weak								
		9.85 - 19.85	SI SPV 1	Silicification, Semi-Pervasive, Very weak								
		9.85 - 19.85	EP SEL 1	Epidotization, Selective, Very weak								
		19.85 - 23.00	LX SEL 2	Leucoxene, Selective, Weak								
		19.85 - 23.00	SI PV 1	Silicification, Pervasive, Very weak								
		19.85 - 23.00	SR SPV 3	Sericitization, Semi-Pervasive, Moderate								
		19.85 - 23.00	EP SPV 4	Epidotization, Semi-Pervasive, Strong								
		23.00 - 24.49	BIO SEL 1	Biotitization, Selective, Very weak								
		23.00 - 24.49	SR SEL 2	Sericitization, Selective, Weak								
		23.00 - 24.49	SI PV 1	Silicification, Pervasive, Very weak								
		23.00 - 24.49	EP SPV 2	Epidotization, Semi-Pervasive, Weak								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
		Texture Maj:	Type	Comment								
		9.85 - 24.49	IEQ	Inequigranular								
		9.85 - 24.49	MG	Medium Grained(1-5mm)								
		9.85 - 24.49	MAS	Massive								
24.49	24.73	12BC Quartz Feldspar Porphyry		DGY								
		QFP, dark grey, porphyritic, aphanitic groundmass, dominantly plag phenocrysts up to 4mm. Weak sil pv, weak ep sel. No mineralization. 0.5% qz-cb veinlets. Lower contact with GDR sharp, irregular.										
		Alteration Maj:	Type/Style/Intensity	Comment								
		24.49 - 24.73	EP SEL 2	Epidotization, Selective, Weak								
		24.49 - 24.73	SI PV 2	Silicification, Pervasive, Weak								
		Texture Maj:	Type	Comment								
		24.49 - 24.73	PO	Porphyritic								
24.73	32.04	GDR Granodiorite		PGY	850915	26.25	27.25	1.00	0.01	-	0.01	-
		Granodiorite, pink-grey to green-grey, mgr, massive to weakly foliated, inequigranular, non-magnetic. Very weak sil pv, very weak to moderate ep spv, weak to strong ser sel/pv, very weak bt sel, very weak chl sel, moderate lx sel, very weak cb spv. Trace py diss. 1% qz-cb-chl+/-ser veins/stringers/fractures up to 2cm. Lower contact with QFP slightly diffuse, irregular. 29.23-30m strong alt, structure obliterated.										
					850916	27.25	28.25	1.00	0.01	-	0.01	-
					850917	28.25	29.23	0.98	0.02	-	0.02	-
					850941	29.23	30.00	0.77	0.01	-	0.01	-
		Alteration Maj:	Type/Style/Intensity	Comment	850942	30.00	31.00	1.00	0.01	-	0.01	-
		24.73 - 27.50	BIO SEL 1	Biotitization, Selective, Very weak								
		24.73 - 27.50	CL SEL 1	Chloritization, Selective, Very weak								
		24.73 - 27.50	EP SEL 1	Epidotization, Selective, Very weak								
		27.50 - 29.23	SR SEL 2	Sericitization, Selective, Weak								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
	27.50 - 29.23	CL SEL 1	Chloritization, Selective, Very weak									
	27.50 - 29.23	SI PV 1	Silicification, Pervasive, Very weak									
	27.50 - 29.23	EP SPV 3	Epidotization, Semi-Pervasive, Moderate									
	29.23 - 31.27	CL SEL 3	Chloritization, Selective, Moderate									
	29.23 - 31.27	LX SEL 4	Leucoxene, Selective, Strong									
	29.23 - 31.27	SR SEL 2	Sericitization, Selective, Weak									
	29.23 - 31.27	CB SPV 1	Carbonatization, Semi-Pervasive, Very weak									
	31.27 - 32.04	CB SEL 1	Carbonatization, Selective, Very weak									
	31.27 - 32.04	CL SEL 2	Chloritization, Selective, Weak									
	31.27 - 32.04	EP SEL 2	Epidotization, Selective, Weak									
	Mineralization Maj. :	Type/Style/%Mineral	Comment									
	24.73 - 32.04	Py DIS 0.1	Pyrite, Disseminated, 0.1%									
	Texture Maj:	Type	Comment									
	24.73 - 32.04	MG	Medium Grained(1-5mm)									
	24.73 - 32.04	IEQ	Inequigranular									
	24.73 - 32.04	MAS	Massive									
32.04	32.49	12BC Quartz Feldspar Porphyry										
	QFP, grey, porphyritic, aphanitic groundmass, quartz and plag phenocrysts up to 5mm, non-magnetic. Weak chl pv, very weak ep sel, very weak cb sel. No mineralization. 1% cb-qz veinlets. Lower contact with GDR is diffuse.											
	Alteration Maj:	Type/Style/Intensity	Comment									
	32.04 - 32.49	CB SEL 1	Carbonatization, Selective, Very weak									
	32.04 - 32.49	EP SEL 1	Epidotization, Selective, Very weak									
	32.04 - 32.49	CL PV 2	Chloritization, Pervasive, Weak									

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
32.49	77.77	GDR Granodiorite	GG	850918	33.67	34.67	1.00	0.01	-	0.01	-	-
Granodiorite, cream to grey-green, mrg-cgr, massive to weakly foliated, non-magnetic. Very weak to moderate chl sel/spv, no-strong lx sel, very weak to moderate ep sel, very weak to moderate ser sel/spv/mtf, very weak bt sel, very weak sil spv/pv. 0.5% py dis/frc/mtf/sh. 1% qz-cb-chl veinlets/frc/sh. Lower contact with QFP dike sharp, irregular.												
Alteration Maj: Type/Style/Intensity Comment												
32.49 - 36.00		SR SEL 2	Sericitization, Selective, Weak	850922	42.37	43.87	1.50	0.01	-	0.01	-	-
32.49 - 36.00		EP SEL 2	Epidotization, Selective, Weak	850923	43.87	45.00	1.13	0.01	-	0.01	-	-
32.49 - 36.00		CL SEL 3	Chloritization, Selective, Moderate	850925	45.95	46.95	1.00	0.01	-	0.01	-	-
32.49 - 36.00		LX SEL 3	Leucoxene, Selective, Moderate	850926	46.95	47.91	0.96	0.16	-	0.16	-	-
32.49 - 36.00		LX SEL 3	Leucoxene, Selective, Moderate	850927	47.91	48.61	0.70	0.05	-	0.05	-	-
36.00 - 40.73		CL SEL 1	Chloritization, Selective, Very weak	850928	48.61	49.81	1.20	0.02	-	0.02	-	-
36.00 - 40.73		LX SEL 1	Leucoxene, Selective, Very weak	850929	49.81	51.45	1.64	0.26	-	0.26	-	-
36.00 - 40.73		SR SEL 2	Sericitization, Selective, Weak	850930	51.45	52.18	0.73	0.09	-	0.09	-	-
36.00 - 40.73		EP SEL 1	Epidotization, Selective, Very weak	850931	52.18	53.23	1.05	0.01	-	0.01	-	-
36.00 - 40.73		EP SEL 1	Epidotization, Selective, Very weak	850932	55.17	56.10	0.93	0.01	-	0.01	-	-
40.73 - 52.25		EP SEL 2	Epidotization, Selective, Weak	850933	56.10	57.00	0.90	0.01	-	0.01	-	-
40.73 - 52.25		LX SEL 4	Leucoxene, Selective, Strong	850934	57.00	58.47	1.47	0.01	-	0.01	-	-
40.73 - 52.25		SR SEL 3	Sericitization, Selective, Moderate	850935	58.47	59.50	1.03	0.01	-	0.01	-	-
40.73 - 52.25		CL SPV 3	Chloritization, Semi-Pervasive, Moderate	850937	63.00	64.07	1.07	0.02	-	0.02	-	-
52.25 - 63.45		EP SEL 1	Epidotization, Selective, Very weak	850943	64.84	65.61	0.77	0.08	-	0.08	-	-
52.25 - 63.45		SR SPV 2	Sericitization, Semi-Pervasive, Weak	850938	69.66	70.62	0.96	0.01	-	0.01	-	-
52.25 - 63.45		CL SEL 1	Chloritization, Selective, Very weak	850939	70.62	71.12	0.50	0.01	-	0.01	-	-
52.25 - 63.45		CL SEL 1	Chloritization, Selective, Very weak	850940	71.12	72.10	0.98	0.03	-	0.03	-	-
52.25 - 63.45		BIO SEL 2	Biotitization, Selective, Weak	850944	72.10	73.60	1.50	0.04	-	0.04	-	-

LITHOLOGY REPORT - Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
63.45 - 71.43		CL SEL 2	Chloritization, Selective, Weak	850945	73.60	74.62	1.02	0.03	-	0.03	-	-
63.45 - 71.43		LX SEL 3	Leucoxene, Selective, Moderate									
63.45 - 71.43		SR SEL 3	Sericitization, Selective, Moderate									
63.45 - 71.43		EP SEL 3	Epidotization, Selective, Moderate									
71.43 - 74.73		CL SEL 2	Chloritization, Selective, Weak									
71.43 - 74.73		LX SEL 1	Leucoxene, Selective, Very weak									
71.43 - 74.73		EP SEL 3	Epidotization, Selective, Moderate									
71.43 - 74.73		SR SEL 2	Sericitization, Selective, Weak									
74.73 - 77.77		CL SEL 2	Chloritization, Selective, Weak									
74.73 - 77.77		BIO SEL 1	Biotitization, Selective, Very weak									
74.73 - 77.77		SR SEL 1	Sericitization, Selective, Very weak									
74.73 - 77.77		EP SEL 1	Epidotization, Selective, Very weak									
Mineralization Maj. :		Type/Style/%Mineral	Comment									
36.00 - 40.73		Py DIS 0.1	Pyrite, Disseminated, 0.1%									
40.73 - 52.25		Py SMAS 1	Pyrite, Semi-Massive, 1%									
40.73 - 52.25		Py DIS 1	Pyrite, Disseminated, 1%									
40.73 - 52.25		Py FAC 1	Pyrite, Fracture-controlled, 1%									
52.25 - 63.45		Py FAC 0.25	Pyrite, Fracture-controlled, 0.25%									
52.25 - 63.45		Py DIS 0.25	Pyrite, Disseminated, 0.25%									
63.45 - 71.43		Py FAC 1	Pyrite, Fracture-controlled, 1%									
63.45 - 71.43		Py DIS 1	Pyrite, Disseminated, 1%									
71.43 - 74.73		Py FAC 1	Pyrite, Fracture-controlled, 1%									
71.43 - 74.73		Py SHR 1	Pyrite, Shear hosted, 1%									
71.43 - 74.73		Py DIS 1	Pyrite, Disseminated, 1%									
74.73 - 77.77		Py FAC 0.25	Pyrite, Fracture-controlled, 0.25%									
74.73 - 77.77		Py DIS 0.25	Pyrite, Disseminated, 0.25%									
Structure Maj.:		Inte/Type/Core Angle	Comment									
50.40 - 51.50		W FL 22	Flattened, 22° CA									

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)	
		Texture Maj:	Type	Comment									
		32.49 - 50.10	IEQ	Inequigranular									
		32.49 - 50.10	MAS	Massive									
		50.10 - 51.50	IEQ	Inequigranular									
		50.10 - 51.50	MAS	Massive									
		50.10 - 51.50	NET	Net Textured									
		51.50 - 77.77	IEQ	Inequigranular									
		51.50 - 77.77	MAS	Massive									
77.77	78.13	12BC Quartz Feldspar Porphyry		GY	850946	77.76	78.17	0.41	0.03	-	0.03	-	-
		QFP, grey, porphyritic, aphanitic groundmass, dominantly plag phenocrysts up to 4mm, non-magnetic. Very weak chl spv, very weak ep sel. 1% py diss/frc. 0.1% py fractures. Lower contact with GDR sheared/diffuse.											
		Alteration Maj:	Type/Style/Intensity	Comment									
		77.77 - 78.13	EP SEL 1	Epidotization, Selective, Very weak									
		77.77 - 78.13	CL SPV 1	Chloritization, Semi-Pervasive, Very weak									
		Mineralization Maj. :	Type/Style/%Mineral	Comment									
		77.77 - 78.13	Py FAC 0.5	Pyrite, Fracture-controlled, 0.5%									
		77.77 - 78.13	Py DIS 0.5	Pyrite, Disseminated, 0.5%									
		Texture Maj:	Type	Comment									
		77.77 - 78.13	PO	Porphyritic									

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
78.13	147.00	GDR Granodiorite	CR	850947	79.56	80.35	0.79	0.10	-	0.10	-	-
Granodiorite, cream to grey-green, mgr-cgr, massive, non-magnetic (apart from pyrrhotite). Very weak to weak chl sel/spv, very weak to moderate ep sel/spv, very weak to weak sil pv, strong ser sel/spv, very weak lx sel. Trace mo dis and po vn, trace py dis/vn/frc locally higher. 0.5% chl+/-py frc, 2% qz-cb+/-ep and cb stringers and veins. Common sericit-epidote alt halos. End of hole shows only weak chl alteration.												
Alteration Maj: Type/Style/Intensity Comment				850951	95.90	96.90	1.00	0.01	-	0.01	-	-
78.13 - 96.96		EP SEL 2	Epidotization, Selective, Weak	850952	96.90	98.05	1.15	0.03	-	0.03	-	-
78.13 - 96.96		SI SPV 1	Silicification, Semi-Pervasive, Very weak	850953	98.05	99.05	1.00	0.01	-	0.01	-	-
78.13 - 96.96		CL SEL 1	Chloritization, Selective, Very weak	850954	106.25	107.30	1.05	0.01	-	0.01	-	-
78.13 - 96.96		SR SPV 2	Sericitization, Semi-Pervasive, Weak	850955	111.40	111.75	0.35	0.04	-	0.04	-	-
96.96 - 98.03		CL SEL 1	Chloritization, Selective, Very weak	850956	112.40	112.90	0.50	0.01	-	0.01	-	-
96.96 - 98.03		EP SEL 3	Epidotization, Selective, Moderate	850957	121.75	122.25	0.50	0.01	-	0.01	-	-
96.96 - 98.03		SI PV 1	Silicification, Pervasive, Very weak	850958	129.00	129.90	0.90	0.01	-	0.01	-	-
96.96 - 98.03		SR SPV 3	Sericitization, Semi-Pervasive, Moderate	850959	129.90	130.90	1.00	0.01	-	0.01	-	-
98.03 - 106.29		SR SPV 1	Sericitization, Semi-Pervasive, Very weak	850961	130.90	131.92	1.02	0.01	-	0.01	-	-
98.03 - 106.29		EP SEL 2	Epidotization, Selective, Weak	850962	131.92	132.37	0.45	0.02	-	0.02	-	-
98.03 - 106.29		SI PV 1	Silicification, Pervasive, Very weak	850963	132.37	132.82	0.45	0.04	-	0.04	-	-
98.03 - 106.29		CL SEL 1	Chloritization, Selective, Very weak	850964	132.82	133.82	1.00	0.02	-	0.02	-	-
106.29 - 107.13		EP SPV 3	Epidotization, Semi-Pervasive, Moderate	850965	133.82	135.00	1.18	0.18	-	0.18	-	-
106.29 - 107.13		SR PV 4	Sericitization, Pervasive, Strong	850966	135.00	135.80	0.80	0.64	-	0.64	-	-
106.29 - 107.13		CL SPV 3	Chloritization, Semi-Pervasive, Moderate	850967	135.80	136.80	1.00	0.01	-	0.01	-	-
106.29 - 107.13		SI PV 2	Silicification, Pervasive, Weak	850968	138.00	139.00	1.00	0.02	-	0.02	-	-
107.13 - 129.20		CL SEL 1	Chloritization, Selective, Very weak	850969	139.00	140.00	1.00	0.02	-	0.02	-	-
107.13 - 129.20		EP SEL 1	Epidotization, Selective, Very weak	850970	140.00	141.00	1.00	0.04	-	0.04	-	-
107.13 - 129.20		BIO SEL 1	Biotitization, Selective, Very weak	850971	141.00	142.00	1.00	0.02	-	0.02	-	-
107.13 - 129.20		SR SPV 1	Sericitization, Semi-Pervasive, Very weak									

LITHOLOGY REPORT
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Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
	129.20 - 136.00	CL SEL 2	Chloritization, Selective, Weak									
	129.20 - 136.00	EP SPV 3	Epidotization, Semi-Pervasive, Moderate									
	129.20 - 136.00	LX SEL 1	Leucoxene, Selective, Very weak									
	129.20 - 136.00	SR SPV 4	Sericitization, Semi-Pervasive, Strong									
	136.00 - 142.63	CL SEL 1	Chloritization, Selective, Very weak									
	136.00 - 142.63	EP SEL 2	Epidotization, Selective, Weak									
	136.00 - 142.63	SR SPV 3	Sericitization, Semi-Pervasive, Moderate									
	136.00 - 142.63	BIO SEL 1	Biotitization, Selective, Very weak									
	142.63 - 147.00	CL SEL 1	Chloritization, Selective, Very weak									
	142.63 - 147.00	BIO SEL 1	Biotitization, Selective, Very weak									
	142.63 - 147.00	SR SEL 1	Sericitization, Selective, Very weak									
	142.63 - 147.00	EP SEL 1	Epidotization, Selective, Very weak									
	Mineralization Maj. :	Type/Style/%Mineral	Comment									
	78.13 - 96.96	Py VN 0.1	Pyrite, Vein-controlled, 0.1%									
	78.13 - 96.96	Py DIS 0.1	Pyrite, Disseminated, 0.1%									
	78.13 - 96.96	Po VN 0.1	Pyrrhotite, Vein-controlled, 0.1%									
	96.96 - 98.03	Mo VN 0.1	Molybdenite, Vein-controlled, 0.1%									
	96.96 - 98.03	Py DIS 0.5	Pyrite, Disseminated, 0.5%									
	96.96 - 98.03	Py VN 0.5	Pyrite, Vein-controlled, 0.5%									
	98.03 - 106.29	Py FAC 0.5	Pyrite, Fracture-controlled, 0.5%									
	98.03 - 106.29	Py DIS 0.5	Pyrite, Disseminated, 0.5%									
	106.29 - 107.13	Py FAC 1	Pyrite, Fracture-controlled, 1%									
	106.29 - 107.13	Py DIS 1	Pyrite, Disseminated, 1%									
	129.20 - 136.00	Py FAC 0.5	Pyrite, Fracture-controlled, 0.5%									
	129.20 - 136.00	Po SMAS 0.5	Pyrrhotite, Semi-Massive, 0.5%									
	129.20 - 136.00	Py DIS 0.5	Pyrite, Disseminated, 0.5%									
	129.20 - 136.00	Py SMAS 0.5	Pyrite, Semi-Massive, 0.5%									

LITHOLOGY REPORT
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Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
	136.00 - 142.60	Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%									
	136.00 - 142.60	Py DIS 0.1	Pyrite, Disseminated, 0.1%									
	142.60 - 147.00	Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%									
	142.60 - 147.00	Py DIS 0.1	Pyrite, Disseminated, 0.1%									
		Texture Maj:	Type	Comment								
	78.13 - 147.00		IEQ	Inequigranular								
	78.13 - 147.00		MAS	Massive								

FULL ANALYTICAL REPORT

- Assay -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i>	<i>To</i>	<i>Length</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Au</i>	<i>AV</i>	<i>FA</i>	<i>FA2</i>	<i>FA3</i>	<i>FA4</i>	<i>FA5</i>	<i>SFA</i>	<i>SFA2</i>	<i>SFA3</i>	<i>GA</i>	<i>GA2</i>	<i>GA3</i>	<i>GA4</i>	<i>GA5</i>	<i>AR</i>	<i>AR2</i>	<i>AR3</i>	<i>Wt</i>
(m)	(m)	(m)					(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(kg)
19.33	20.33	1.00	850911	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.33	21.83	1.50	850913	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.83	22.83	1.00	850914	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.25	27.25	1.00	850915	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.25	28.25	1.00	850916	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.25	29.23	0.98	850917	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.23	30.00	0.77	850941	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.00	31.00	1.00	850942	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33.67	34.67	1.00	850918	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34.67	35.10	0.43	850919	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35.10	35.81	0.71	850920	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40.87	42.37	1.50	850921	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.37	43.87	1.50	850922	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43.87	45.00	1.13	850923	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.95	46.95	1.00	850925	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46.95	47.91	0.96	850926	Actlabs	A18-18809-Au	05-Dec-18	0.16	-	0.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47.91	48.61	0.70	850927	Actlabs	A18-18809-Au	05-Dec-18	0.05	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48.61	49.81	1.20	850928	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49.81	51.45	1.64	850929	Actlabs	A18-18809-Au	05-Dec-18	0.26	-	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51.45	52.18	0.73	850930	Actlabs	A18-18809-Au	05-Dec-18	0.09	-	0.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.18	53.23	1.05	850931	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55.17	56.10	0.93	850932	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56.10	57.00	0.90	850933	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57.00	58.47	1.47	850934	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58.47	59.50	1.03	850935	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63.00	64.07	1.07	850937	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64.84	65.61	0.77	850943	Actlabs	A18-18809-Au	05-Dec-18	0.08	-	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69.66	70.62	0.96	850938	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70.62	71.12	0.50	850939	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71.12	72.10	0.98	850940	Actlabs	A18-18809-Au	05-Dec-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FULL ANALYTICAL REPORT
- Assay -

Hole Number: **EH18-001**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Length</i> <i>(m)</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of</i> <i>Certificate</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>	<i>FA4</i> <i>Au</i> <i>(ppm)</i>	<i>FA5</i> <i>Au</i> <i>(ppm)</i>	<i>SFA</i> <i>Au</i> <i>(ppm)</i>	<i>SFA2</i> <i>Au</i> <i>(ppm)</i>	<i>SFA3</i> <i>Au</i> <i>(ppm)</i>	<i>GA</i> <i>Au</i> <i>(ppm)</i>	<i>GA2</i> <i>Au</i> <i>(ppm)</i>	<i>GA3</i> <i>Au</i> <i>(ppm)</i>	<i>GA4</i> <i>Au</i> <i>(ppm)</i>	<i>GA5</i> <i>Au</i> <i>(ppm)</i>	<i>AR</i> <i>Au</i> <i>(ppm)</i>	<i>AR2</i> <i>Au</i> <i>(ppm)</i>	<i>AR3</i> <i>Au</i> <i>(ppm)</i>	<i>Wt</i> <i>(kg)</i>
72.10	73.60	1.50	850944	Actlabs	A18-18809-Au	05-Dec-18	0.04	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73.60	74.62	1.02	850945	Actlabs	A18-18809-Au	05-Dec-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77.76	78.17	0.41	850946	Actlabs	A18-18809-Au	05-Dec-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79.56	80.35	0.79	850947	Actlabs	A18-18809-Au	05-Dec-18	0.10	-	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81.30	82.30	1.00	850949	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84.00	84.50	0.50	850950	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95.90	96.90	1.00	850951	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96.90	98.05	1.15	850952	Actlabs	A18-18809-Au	05-Dec-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98.05	99.05	1.00	850953	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106.25	107.30	1.05	850954	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111.40	111.75	0.35	850955	Actlabs	A18-18809-Au	05-Dec-18	0.04	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112.40	112.90	0.50	850956	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121.75	122.25	0.50	850957	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129.00	129.90	0.90	850958	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129.90	130.90	1.00	850959	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130.90	131.92	1.02	850961	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131.92	132.37	0.45	850962	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132.37	132.82	0.45	850963	Actlabs	A18-18809-Au	05-Dec-18	0.04	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132.82	133.82	1.00	850964	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133.82	135.00	1.18	850965	Actlabs	A18-18809-Au	05-Dec-18	0.18	-	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135.00	135.80	0.80	850966	Actlabs	A18-18809-Au	05-Dec-18	0.64	-	0.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135.80	136.80	1.00	850967	Actlabs	A18-18809-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138.00	139.00	1.00	850968	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139.00	140.00	1.00	850969	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140.00	141.00	1.00	850970	Actlabs	A18-18809-Au	05-Dec-18	0.04	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141.00	142.00	1.00	850971	Actlabs	A18-18809-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling		Casing		Core		Location		Other			
Azimuth:	2.3	Length:	9	Dimension:	NQ	Claim No.:	112675	Company:	IAMGOLD		
Dip:	-50	Pulled:	no	Diam Chang:	no	NTS:	41P11E	Contractor:	NPLH		
Length:	147	Capped:	yes	Storage:	Marathon Laydown Area	Hole:	SURFACE	Spotted by:	Erik Bobeckko		
Started:	26-Oct-18	Cemented:	no	Hole Type	DDH	Section:	t	Surveyed:			
Completed:	30-Oct-18	Left in hole:	no	Logged by:	Adam Warram	Zone:	17	Surveyed by:			
Logged:	23-Nov-18	Making water:	no	Relog by:		NAD:	NAD83	Multi shot su	yes		
Township:	CONNAUGH	Plugged:	no								
Target:	Testing east-west chargeability anomaly around 70 m depth					Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local			
Comment:	Log start date: Nov 23, 2018 Log completion date: Nov 25, 2018					East:	470106	East:	470106	East:	0
						North:	5274015	North:	5274015	North:	0
						Elev.:	369	Elev.:	369	Elev.:	0

Deviation Tests

Density Tests

Distance	Azimuth	Dip	Easting	Northing	Elevation	Mag. Fie.	Type	Good	Comments
0.00	360.00	-50.00	0	0	0		C	<input type="checkbox"/>	
0.00	2.30	-50.00	0	0	0		C	<input checked="" type="checkbox"/>	
15.00	0.20	-50.10				33913	R	<input type="checkbox"/>	
18.00	175.60	-49.60				-61981	R	<input type="checkbox"/>	
21.00	0.40	-48.80				55570	R	<input type="checkbox"/>	
24.00	2.30	-50.00				54450	R	<input checked="" type="checkbox"/>	
27.00	2.80	-50.20				53949	R	<input type="checkbox"/>	
30.00	359.40	-48.70				53149	R	<input type="checkbox"/>	
33.00	3.40	-49.40				53058	R	<input type="checkbox"/>	
36.00	2.60	-49.90				53337	R	<input checked="" type="checkbox"/>	
39.00	3.80	-50.10				53300	R	<input type="checkbox"/>	
42.00	3.40	-49.40				52749	R	<input type="checkbox"/>	
45.00	3.80	-50.50				53208	R	<input type="checkbox"/>	
48.00	2.50	-50.10				52728	R	<input type="checkbox"/>	
51.00	2.30	-50.10				52982	R	<input type="checkbox"/>	

DRILL HOLE REPORT

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling		Casing		Core		Location		Other			
Azimuth:	2.3	Length:	9	Dimension:	NQ	Claim No.:	112675	Company:	IAMGOLD		
Dip:	-50	Pulled:	no	Diam Chang:	no	NTS:		Contractor:	NPLH		
Length:	147	Capped:	yes	Storage:	Marathon Laydown Area	Hole:	SURFACE	Spotted by:	Erik Bobeckko		
Started:	26-Oct-18	Cemented:	no	Hole Type	DDH	Section:	t	Surveyed:			
Completed:	30-Oct-18	Left in hole:	no	Logged by:	Adam Warram	Zone:	17	Surveyed by:			
Logged:	23-Nov-18	Making water:	no	Relog by:		NAD:	NAD83	Multi shot su	yes		
Township:	CONNAUGH	Plugged:	no								
Target:	Testing east-west chargeability anomaly around 70 m depth					Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local			
Comment:	Log start date: Nov 23, 2018 Log completion date: Nov 25, 2018					East:	470106	East:	470106	East:	0
						North:	5274015	North:	5274015	North:	0
						Elev.:	369	Elev.:	369	Elev.:	0

Deviation Tests

Density Tests

Distance	Azimuth	Dip	Easting	Northing	Elevation	Mag. Fie.	Type	Good	Comments
54.00	6.00	-51.30				53289	R	<input type="checkbox"/>	
57.00	6.80	-53.80				53969	R	<input type="checkbox"/>	
60.00	3.00	-50.10				53022	R	<input type="checkbox"/>	
63.00	3.40	-49.80				52911	R	<input type="checkbox"/>	
66.00	4.20	-50.10				53368	R	<input type="checkbox"/>	
69.00	2.90	-50.10				53113	R	<input checked="" type="checkbox"/>	
72.00	11.00	-50.10				53088	R	<input type="checkbox"/>	
75.00	12.10	-50.10				53115	R	<input type="checkbox"/>	
78.00	12.10	-50.10				53111	R	<input type="checkbox"/>	
81.00	11.50	-50.10				52700	R	<input type="checkbox"/>	
84.00	12.90	-50.10				52913	R	<input type="checkbox"/>	
87.00	17.90	-50.10				53322	R	<input type="checkbox"/>	
90.00	12.10	-50.20				53173	R	<input type="checkbox"/>	
93.00	18.10	-50.20				53187	R	<input type="checkbox"/>	
96.00	2.10	-50.20				52836	R	<input type="checkbox"/>	
99.00	2.50	-50.20				53189	R	<input checked="" type="checkbox"/>	

DRILL HOLE REPORT

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling	Casing	Core	Location	Other
Azimuth: 2.3	Length: 9	Dimension: NQ	Claim No.: 112675	Company: IAMGOLD
Dip: -50	Pulled: no	Diam Chang: no	NTS:	Contractor: NPLH
Length: 147	Capped: yes	Storage: Marathon Laydown Area	Hole: SURFACE	Spotted by: Erik Bobeckko
Started: 26-Oct-18	Cemented: no	Hole Type: DDH	Section: t	Surveyed:
Completed: 30-Oct-18	Left in hole: no	Logged by: Adam Warram	Zone: 17	Surveyed by:
Logged: 23-Nov-18	Making water: no	Relog by:	NAD: NAD83	Multi shot su yes
Township: CONNAUGH	Plugged: no			
Target: Testing east-west chargeability anomaly around 70 m depth				
Comment: Log start date: Nov 23, 2018 Log completion date: Nov 25, 2018				
			Coordinate - Gemcom	Coordinate - UTM
			East: 470106	East: 470106
			North: 5274015	North: 5274015
			Elev.: 369	Elev.: 369
				Coordinate - Local
				East: 0
				North: 0
				Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
102.00	2.90	-50.10				53294	R	<input checked="" type="checkbox"/>	
105.00	2.70	-50.10				53197	R	<input checked="" type="checkbox"/>	
108.00	2.60	-50.10				53190	R	<input checked="" type="checkbox"/>	
111.00	2.00	-50.20				53287	R	<input type="checkbox"/>	
114.00	2.70	-50.20				53269	R	<input checked="" type="checkbox"/>	
117.00	2.80	-50.20				53304	R	<input checked="" type="checkbox"/>	
120.00	3.20	-44.50				51215	R	<input type="checkbox"/>	
123.00	3.70	-50.20				53371	R	<input checked="" type="checkbox"/>	
126.00	3.20	-50.10				53306	R	<input checked="" type="checkbox"/>	
129.00	3.00	-50.00				53302	R	<input checked="" type="checkbox"/>	
132.00	2.60	-49.50				53153	R	<input type="checkbox"/>	
135.00	3.40	-50.00				53315	R	<input checked="" type="checkbox"/>	
138.00	3.10	-49.80				53225	R	<input checked="" type="checkbox"/>	
141.00	4.50	-51.60				53740	R	<input type="checkbox"/>	
144.00	4.00	-50.00				53288	R	<input checked="" type="checkbox"/>	

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
0.00	6.70	OB Overburden Overburden.										
6.70	34.90	GDR Granodiorite Granodiorite (possibly tonalite). Pinkish cream to light green grey. Mg-cg. Massive. Non-magnetic. Weak-mod sel hem (possibly just alkali feldspar) Weak-Mod sel ep, very weak to weak sel/spv ser, weak sel chl+/- very weak sel bt, weak-mpd spv si. <1% qtz-cb-chl+/-ser veinlets/stringers. Trace dis/frac/vn py. <1% dark grey qtz-feldspar porphyritic dioritic fragments that are partially dissolved. Lower contact with diabase sharp, slightly irregular.	CR									
		Alteration Maj:	Type/Style/Intensity	Comment								
		6.70 - 22.00	BIO SEL 2	Biotitization, Selective, Weak	850973	14.65	15.20	0.55	0.01	-	0.01	-
		6.70 - 22.00	CL SEL 2	Chloritization, Selective, Weak	850974	15.20	16.50	1.30	0.01	-	0.01	-
		6.70 - 22.00	EP SEL 1	Epidotization, Selective, Very weak	850975	16.50	18.00	1.50	0.02	-	0.02	-
		6.70 - 22.00	HM SEL 2	Hematization, Selective, Weak	850976	22.00	23.50	1.50	0.01	-	0.01	-
		22.00 - 34.90	BIO SEL 2	Biotitization, Selective, Weak	850977	23.50	25.00	1.50	0.01	-	0.01	-
		22.00 - 34.90	CL SEL 2	Chloritization, Selective, Weak	850978	25.00	26.50	1.50	0.01	-	0.01	-
		22.00 - 34.90	SR SEL 2	Sericitization, Selective, Weak	850979	26.50	28.00	1.50	0.01	-	0.01	-
		22.00 - 34.90	SI PV 3	Silicification, Pervasive, Moderate	850980	28.00	29.50	1.50	0.01	-	0.01	-
					850981	29.50	31.00	1.50	0.01	-	0.01	-
					850982	31.00	32.50	1.50	0.01	-	0.01	-
					850983	32.50	34.00	1.50	0.01	-	0.01	-
					850985	34.00	34.90	0.90	0.01	-	0.01	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		6.70 - 22.00	Py VN 0.01	Pyrite, Vein-controlled, 0.01%								
		6.70 - 22.00	Py FAC 0.01	Pyrite, Fracture-controlled, 0.01%								
		22.00 - 34.90	Py VN 0.1	Pyrite, Vein-controlled, 0.1%								
		22.00 - 34.90	Py DIS 0.1	Pyrite, Disseminated, 0.1%								
		22.00 - 34.90	Py FAC 0.5	Pyrite, Fracture-controlled, 0.5%								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
		Texture Maj:	Type	Comment								
		6.70 - 34.90	MAS	Massive								
		6.70 - 34.90	CG	Coarse Grained (>5mm)								
		6.70 - 34.90	HT	Heterogeneous								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
		6.70 - 22.00	STG 0.1 10 CHLV	Chlorite Veining, 10%								
		6.70 - 22.00	STG 0.1 90 QCSCV	Quartz Carb Sericite Vein, 90%								
		22.00 - 34.90	VN 1 10 CHLV	Chlorite Veining, 10%								
		22.00 - 34.90	VN 1 90 QCSCV	Quartz Carb Sericite Vein, 90%								
34.90	38.35	DIA Diabase	GRBLK									
<p>Diabase. Vfg-fg. Dark grey to Blackish grey. Strongly magnetic. Massive. Weak pv cb, very weak sel hem. <1% qtz-cb veinlets. 48cm section/fragment of granodiorite within dyke from 36.2 -36.68m. Upper contact with granodiorite sharp, slightly irregular. Lower contact with granodiorite sharp, slightly irregular and marked by a 4cm qtz-cb-ser-chl vein.</p>												
		Alteration Maj:	Type/Style/Intensity	Comment								
		34.90 - 38.35	HM SEL 1	Hematization, Selective, Very weak								
		34.90 - 38.35	CB PV 2	Carbonatization, Pervasive, Weak								
		Texture Maj:	Type	Comment								
		34.90 - 38.35	MAS	Massive								
		34.90 - 38.35	FG	Fine Grained (<1mm)								
		34.90 - 38.35	HO	Homogeneous								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
		34.90 - 38.35	VN 0.3 100 QCV	Quartz-Calcite Vein, 100%								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
38.35	42.50	GDR Granodiorite	CR	850986	38.35	39.50	1.15	0.01	-	0.01	-	-
		Granodiorite (possibly tonalite). Pinkish cream to light green grey. Mg-cg. Massive. Non-magnetic. Very weak-weak sel hem (possibly just alkali feldspar) mod sel ep, very weak to weak sel/spv ser, weak-mod sel chl+/- very weak sel bt, weak spv si. <1% qtz-cb-chl+/-ser veinlets/stringers. Trace dis/frac/vn py, trace moly frac. <1% dark grey qtz-feldspar porphyritic dioritic fragments that are partially dissolved. Upper contact with diabase dyke sharp, slightly irregular and marked by a 4cm qtz-cb-ser-chl vein. Lower contact with syenitic/int dyke likely sharp (broken core at contact)		850987	39.50	41.00	1.50	0.01	-	0.01	-	-
				850988	41.00	42.50	1.50	0.13	-	0.13	-	-
		Alteration Maj:	Type/Style/Intensity	Comment								
		38.35 - 42.50	HM SEL 2	Hematization, Selective, Weak								
		38.35 - 42.50	EP SEL 3	Epidotization, Selective, Moderate								
		38.35 - 42.50	SR SEL 2	Sericitization, Selective, Weak								
		38.35 - 42.50	SI SPV 2	Silicification, Semi-Pervasive, Weak								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		38.35 - 42.50	Py FAC 0.02	Pyrite, Fracture-controlled, 0.02%								
		38.35 - 42.50	Py DIS 0.02	Pyrite, Disseminated, 0.02%								
		Texture Maj:	Type	Comment								
		38.35 - 42.50	MAS	Massive								
		38.35 - 42.50	CG	Coarse Grained (>5mm)								
		38.35 - 42.50	HT	Heterogeneous								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
		38.35 - 42.50	STG 0.5 100	QCSCV Quartz Carb Sericite Vein, 100% + chl								
42.50	43.35	INTD Intermediate Dyke	PI	850989	42.50	43.35	0.85	0.02	-	0.02	-	-
		Syenitic dyke/int/QFP dyke. Light pink to pinkish grey. Vfg to fg matrix, qtz & ep altered plag phenocrysts up to 0.3cm (4-6%). Massive. Non-magnetic. Mod pv hem (possibly alkali feldspar), weak pv si, weak sel chl +/-bt. Chl + carb along fracs. Trace frac py. Upper contact with granodiorite likely sharp (broken core at contact). Lower contact with granodiorite sharp, slightly irregular.										
		Alteration Maj:	Type/Style/Intensity	Comment								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
	42.50 - 43.35	BIO SEL 1	Biotitization, Selective, Very weak									
	42.50 - 43.35	CL SEL 2	Chloritization, Selective, Weak									
	42.50 - 43.35	SI PV 2	Silicification, Pervasive, Weak									
	42.50 - 43.35	HM PV 3	Hematization, Pervasive, Moderate									
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
	42.50 - 43.35	Py FAC 0.02	Pyrite, Fracture-controlled, 0.02%									
		Texture Maj:	Type	Comment								
	42.50 - 43.35	MAS	Massive									
	42.50 - 43.35	HO	Homogeneous									
	42.50 - 43.35	PO	Porphyritic									
43.35	51.50	GDR Granodiorite	CR	850990	43.35	44.50	1.15	0.01	-	0.01	-	-
		Granodiorite (possibly tonalite). Pinkish cream to light green grey. Mg-cg. Massive. Non-magnetic. Very weak-weak sel hem (possibly just alkali feldspar) weak-mod sel ep, very weak to weak sel/spv ser, weak-mod sel chl+/- very weak sel bt, weak spv si, weak-mod sel ab lower half of unit (possibly other alteration but manifested in the form of rims around grains). <1% qtz-cb-chl+/-ser veinlets/stringers. Trace dis/frac/vn py. <1% dark grey qtz-feldspar porphyritic dioritic fragments that are partially dissolved. 1% syenitic dykes up to 6cm. Upper contact with int dyke sharp, slightly irregular. Lower contact with feldspar porphyry dyke likely sharp (broken core at contact)		850991	44.50	45.30	0.80	0.01	-	0.01	-	-
				850992	45.30	45.80	0.50	0.01	-	0.01	-	-
				850993	45.80	47.00	1.20	0.01	-	0.01	-	-
				850994	47.00	48.50	1.50	0.01	-	0.01	-	-
				850995	48.50	50.00	1.50	0.01	-	0.01	-	-
				850997	50.00	51.50	1.50	0.01	-	0.01	-	-
		Alteration Maj:	Type/Style/Intensity	Comment								
	43.35 - 48.00	SR SPV 1	Sericitization, Semi-Pervasive, Very weak									
	43.35 - 48.00	SI SPV 2	Silicification, Semi-Pervasive, Weak									
	43.35 - 48.00	HM SEL 2	Hematization, Selective, Weak									
	43.35 - 48.00	EP SEL 3	Epidotization, Selective, Moderate									
	48.00 - 51.50	EP SEL 2	Epidotization, Selective, Weak									
	48.00 - 51.50	SI SPV 2	Silicification, Semi-Pervasive, Weak									

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
	48.00 - 51.50	SR SPV 2	Sericitization, Semi-Pervasive, Weak									
	48.00 - 51.50	CL SEL 3	Chloritization, Selective, Moderate									
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
	43.35 - 48.00	Mo FAC 0.01	Molybdenite, Fracture-controlled, 0.01%									
	43.35 - 48.00	Py DIS 0.02	Pyrite, Disseminated, 0.02%									
	43.35 - 48.00	Py FAC 0.01	Pyrite, Fracture-controlled, 0.01%									
	48.00 - 51.50	Py DIS 0.05	Pyrite, Disseminated, 0.05%									
	48.00 - 51.50	Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%									
		Texture Maj:	Type	Comment								
	43.35 - 51.50		HT	Heterogeneous								
	43.35 - 51.50		CG	Coarse Grained (>5mm)								
	43.35 - 51.50		MAS	Massive								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
	43.35 - 51.50		0.1 100 QCSCV	Quartz Carb Sericite Vein, 100%								
51.50	54.70	12C Feldspar Porphyry										
		Feldspar porphyry dyke. Dark brownish grey. Vfg-fg matrix, plag phenocrysts up to 0.3cm (15%). Massive to very weakly foliated. Non-magnetic. No mineralizaiton. Very weak sel hem, weak pv chl. Chl +/-cb along fracs. Upper contact with granodiorite likely sharp (broken core at contact). Lower contact with granodiorite sharp but irregular.										
		Alteration Maj:	Type/Style/Intensity	Comment								
	51.50 - 54.70		CL PV 2	Chloritization, Pervasive, Weak								
	51.50 - 54.70		HM SEL 1	Hematization, Selective, Very weak								
		Texture Maj:	Type	Comment								
	51.50 - 54.70		MAS	Massive								
	51.50 - 54.70		HT	Heterogeneous								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
	51.50 - 54.70	PO	Porphyritic									
54.70	60.50	GDR Granodiorite	CR	850998	59.00	60.50	1.50	0.01	-	0.01	-	-
		Granodiorite (possibly tonalite). Pinkish cream to light green grey. Mg-cg. Massive. Non-magnetic. Very weak-weak sel hem (possibly just alkali feldspar), weak- mod sel chl+/- very weak to weak sel bt, mod sel ab (possibly other alteration but manifested in the form of rims around grains). <1% qtz-cb +/- chl vuggy veinlets/stringers. Trace frac py. Upper contact with feldspar porphyry dyke sharp but irregular. Lower contact with diabase likely sharp (broken core at contact).										
		Alteration Maj:	Type/Style/Intensity	Comment								
		54.70 - 60.50	HM SEL 2	Hematization, Selective, Weak								
		54.70 - 60.50	BIO SEL 1	Biotitization, Selective, Very weak								
		54.70 - 60.50	CL SEL 3	Chloritization, Selective, Moderate								
		54.70 - 60.50	AB SEL 3	Albitization, Selective, Moderate								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		54.70 - 60.50	Py FAC 0.01	Pyrite, Fracture-controlled, 0.01%								
		Texture Maj:	Type	Comment								
		54.70 - 60.50	MAS	Massive								
		54.70 - 60.50	HT	Heterogeneous								
		54.70 - 60.50	CG	Coarse Grained (>5mm)								
		Vein Maj. :	Style/%vein/CoreA%/min/min	Comment								
		54.70 - 60.50	VN 0.2 100 QCV	Quartz-Calcite Vein, 100% + chl								
60.50	89.25	DIA Diabase	GRBLK									
		Diabase. Fg-mg (aphanitic to fg at contacts -chill margins). Dark grey to Blackish grey. Strongly magnetic. Massive. <1% qtz-cb veinlets. Upper contact with granodiorite likely sharp (broken core at contact). Lower contact with Granodiorite sharp.										

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)	
		Texture Maj:	Type										
		60.50 - 89.25	MAS					Massive					
		60.50 - 89.25	FG					Fine Grained (<1mm)					
		60.50 - 89.25	HT					Heterogeneous					
		Vein Maj. :	Style/%vein/CoreA%/min/min	Comment									
		60.50 - 89.25	STG 0.2 100 QCV	Quartz-Calcite Vein, 100%									
89.25	117.00	GDR Granodiorite		CR	850999	90.00	91.00	1.00	0.01	-	0.01	-	-
		Granodiorite (possibly tonalite). Pinkish cream to light grey. Mg-cg. Massive. Non-magnetic. Very weak- weak sel hem (possibly just alkali feldspar), Very weak-weak sel ep, very weak to weak sel/spv ser, ver weak to weak spv si, weak-mod sel chl+/- very weak sel bt, weak-mod spv si. <1% qtz-cb-chl+/-ser veinlets/stringers. Trace dis/frac py, trace frac po. <1% dark grey qtz-feldspar porphyritic dioritic fragments that are partially dissolved (up to 45cm). Syenitic dykes up to 8cm from 111 to 113m (3%). Upper contact with diabase sharp. Lower contact with int dyke sharp but irregular.			851000	91.00	92.50	1.50	0.01	-	0.01	-	-
					808207	92.50	94.00	1.50	0.01	-	0.01	-	-
					808208	94.00	95.50	1.50	0.01	-	0.01	-	-
					808209	95.50	97.00	1.50	0.01	-	0.01	-	-
					808210	97.00	98.50	1.50	0.07	-	0.07	-	-
					808211	115.50	117.00	1.50	0.01	-	0.01	-	-
		Alteration Maj:	Type/Style/Intensity	Comment									
		89.25 - 98.10	BIO SEL 1	Biotitization, Selective, Very weak									
		89.25 - 98.10	CL SEL 3	Chloritization, Selective, Moderate									
		89.25 - 98.10	EP SEL 2	Epidotization, Selective, Weak									
		89.25 - 98.10	HM SEL 1	Hematization, Selective, Very weak									
		98.10 - 111.00	BIO SEL 1	Biotitization, Selective, Very weak									
		98.10 - 111.00	CL SEL 2	Chloritization, Selective, Weak									
		98.10 - 111.00	EP SEL 1	Epidotization, Selective, Very weak									
		98.10 - 111.00	HM SEL 3	Hematization, Selective, Moderate									
		111.00 - 117.00	BIO SEL 1	Biotitization, Selective, Very weak									
		111.00 - 117.00	CL SEL 2	Chloritization, Selective, Weak									

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)	
	111.00 - 117.00	SI PV 2	Silicification, Pervasive, Weak										
	111.00 - 117.00	EP SEL 3	Epidotization, Selective, Moderate										
		Mineralization Maj. :	Type/Style/%Mineral	Comment									
	89.25 - 91.00	Po FAC 0.01	Pyrrhotite, Fracture-controlled, 0.01%										
	89.25 - 91.00	Py FAC 0.01	Pyrite, Fracture-controlled, 0.01%										
	91.00 - 98.10	Py DIS 0.02	Pyrite, Disseminated, 0.02%										
	91.00 - 98.10	Py FAC 0.02	Pyrite, Fracture-controlled, 0.02%										
	98.10 - 111.00	Py FAC 0.01	Pyrite, Fracture-controlled, 0.01%										
	111.00 - 117.00	Py DIS 0.02	Pyrite, Disseminated, 0.02%										
	111.00 - 117.00	Py FAC 0.02	Pyrite, Fracture-controlled, 0.02%										
		Texture Maj:	Type	Comment									
	89.25 - 117.00	CG	Coarse Grained (>5mm)										
	89.25 - 117.00	MAS	Massive										
	89.25 - 117.00	HT	Heterogeneous										
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment									
	89.25 - 117.00	SHRV 0.1 100	QCV Quartz-Calcite Vein, 100% + chl										
117.00	117.65	INTD Intermediate Dyke		CR	808213	117.00	117.65	0.65	0.01	-	0.01	-	-
		int dyke (possibly altered syenitic dyke-not pink). Cream to yellowish beige. Aphanitic to vfg. Massive. Non-magnetic. No mineralization. Mod - strong pv si, mod-strong spv ser, very weak sel chl. 3% Qtz-cb miarole veining. Upper contact with granodiorite sharp but irregular. Lower contact with granodiorite sharp, slightly irregular (broken core at contact).											
		Alteration Maj:	Type/Style/Intensity	Comment									
	117.00 - 117.65	CL SEL 1	Chloritization, Selective, Very weak										
	117.00 - 117.65	SR SPV 3	Sericitization, Semi-Pervasive, Moderate										
	117.00 - 117.65	SI PV 4	Silicification, Pervasive, Strong										

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)	
		Texture Maj:	Type										
		117.00 - 117.65	MAS										
		117.00 - 117.65	FG										
		117.00 - 117.65	HT										
		Vein Maj. :	Style/%vein/CoreA/%min/min										
		117.00 - 117.65	VN 3 100 QCV										
117.65	120.15	GDR Granodiorite		GY	808214	117.65	119.00	1.35	0.02	-	0.02	-	-
		Granodiorite (possibly tonalite). light grey to brownish grey. Fg-cg. Massive to very weakly sheared. Non-magnetic. Weak- mod sel ser, weak-mod pv si (+ possibly ab), weak-mod sel chl. 1% qtz-cb-chl veinlets/stringers. Trace dis/frac py. Upper contact with int dyke sharp, slightly irregular (broken core). Lower contact with QFP/int dyke sharp but irregular and marked by 2cm qtz-cb vein.											
		Alteration Maj:	Type/Style/Intensity										
		117.65 - 120.15	SI PV 3										
		117.65 - 120.15	SR SEL 3										
		117.65 - 120.15	CL SEL 3										
		Mineralization Maj. :	Type/Style/%Mineral										
		117.65 - 120.15	Py FAC 0.03										
		117.65 - 120.15	Py DIS 0.07										
		Texture Maj:	Type										
		117.65 - 120.15	MAS										
		117.65 - 120.15	CG										
		117.65 - 120.15	HT										
		Vein Maj. :	Style/%vein/CoreA/%min/min										
		117.65 - 120.15	VN 1 100 QCV										

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
120.15	121.30	INTD Intermediate Dyke	DGY	808216	120.15	121.30	1.15	0.01	-	0.01	-	-
<p>Int/QFP dyke. Very odd unit, likely the result of strong alteration and veining. Possibly just granodiorite with original texture lost due to veining/alt. Dark grey to brownish grey. Aphanitic to vfg. Massive to mod foliated (irregular wavy fol). Weak-mod sel cb, mod pv chl, weak sel sr. Trace dis/frac/vn py. 5-8% qtz-cb-chl veining. Upper contact with granodiorite sharp but irregular and marked by 2cm qtz-cb vein. Lower contact with granodiorite diffuse.</p>												
Alteration Maj: Type/Style/Intensity Comment												
120.15 - 121.30 SR SEL 2 Sericitization, Selective, Weak												
120.15 - 121.30 CB SEL 3 Carbonatization, Selective, Moderate												
120.15 - 121.30 CL PV 3 Chloritization, Pervasive, Moderate												
Mineralization Maj. : Type/Style/%Mineral Comment												
120.15 - 121.30 Py DIS 0.1 Pyrite, Disseminated, 0.1%												
120.15 - 121.30 Py VN 0.1 Pyrite, Vein-controlled, 0.1%												
Structure Maj.: Inte/Type/Core Angle Comment												
120.15 - 121.30 WM FOL Foliated												
Texture Maj: Type Comment												
120.15 - 121.30 FG Fine Grained (<1mm)												
120.15 - 121.30 HT Heterogeneous												
Vein Maj. : Style/%vein/CoreA/%min/min Comment												
120.15 - 121.30 VN 8 100 QCSCV Quartz Carb Sericite Vein, 100% +/- CHL												

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
121.30	147.00	GDR Granodiorite	LGY	808217	121.30	122.50	1.20	0.01	-	0.01	-	-
		Granodiorite (possibly tonalite). Light greenish grey to greenish grey. Mg-cg. Massive. Weak patchy magnetism. Weak-mod pv si, mod sel ep, weak-mod sel/spv ser, weak-mod sel chl+/- very weak sel bt. 1% qtz-cb-chl+/-ser veinlets/stringers. Trace dis/frac/vn py. <1% dark grey dioritic fragments that are partially dissolved (up to 15cm). Upper contact with diabase sharp. Lower contact with int dyke sharp but irregular. EOH										
		Alteration Maj:	Type/Style/Intensity	Comment								
		121.30 - 136.50	BIO SEL 1	Biotitization, Selective, Very weak	808221	126.00	127.50	1.50	0.01	-	0.01	-
		121.30 - 136.50	CL SEL 2	Chloritization, Selective, Weak	808222	127.50	129.00	1.50	0.01	-	0.01	-
		121.30 - 136.50	SR SEL 2	Sericitization, Selective, Weak	808223	129.00	130.50	1.50	0.02	-	0.02	-
		121.30 - 136.50	SI PV 2	Silicification, Pervasive, Weak	808225	130.50	132.00	1.50	0.01	-	0.01	-
		121.30 - 136.50	SI PV 2	Silicification, Pervasive, Weak	808226	132.00	133.50	1.50	0.01	-	0.01	-
		136.50 - 147.00	EP SEL 3	Epidotization, Selective, Moderate	808227	133.50	135.00	1.50	0.01	-	0.01	-
		136.50 - 147.00	EP SEL 3	Epidotization, Selective, Moderate	808228	135.00	136.50	1.50	0.01	-	0.01	-
		136.50 - 147.00	CL SEL 3	Chloritization, Selective, Moderate	808229	136.50	138.00	1.50	0.07	-	0.07	-
		136.50 - 147.00	SR SEL 3	Sericitization, Selective, Moderate	808230	138.00	139.50	1.50	0.03	-	0.03	-
		136.50 - 147.00	SI PV 3	Silicification, Pervasive, Moderate	808231	139.50	141.00	1.50	0.02	-	0.02	-
		136.50 - 147.00	SI PV 3	Silicification, Pervasive, Moderate	808232	141.00	142.50	1.50	0.01	-	0.01	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		121.30 - 136.50	Py FAC 0.03	Pyrite, Fracture-controlled, 0.03%	808233	142.50	144.00	1.50	0.01	-	0.01	-
		121.30 - 136.50	Py DIS 0.01	Pyrite, Disseminated, 0.01%	808234	144.00	145.50	1.50	0.01	-	0.01	-
		136.50 - 147.00	Py VN 0.01	Pyrite, Vein-controlled, 0.01%	808235	145.50	147.00	1.50	0.01	-	0.01	-

FULL ANALYTICAL REPORT
- Assay -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i>	<i>To</i>	<i>Length</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Au</i>	<i>AV</i>	<i>FA</i>	<i>FA2</i>	<i>FA3</i>	<i>FA4</i>	<i>FA5</i>	<i>SFA</i>	<i>SFA2</i>	<i>SFA3</i>	<i>GA</i>	<i>GA2</i>	<i>GA3</i>	<i>GA4</i>	<i>GA5</i>	<i>AR</i>	<i>AR2</i>	<i>AR3</i>	<i>Wt</i>
(m)	(m)	(m)					(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(kg)
14.65	15.20	0.55	850973	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15.20	16.50	1.30	850974	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16.50	18.00	1.50	850975	Actlabs	A18-18808-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.00	23.50	1.50	850976	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.50	25.00	1.50	850977	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.00	26.50	1.50	850978	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26.50	28.00	1.50	850979	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28.00	29.50	1.50	850980	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29.50	31.00	1.50	850981	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.00	32.50	1.50	850982	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.50	34.00	1.50	850983	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34.00	34.90	0.90	850985	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38.35	39.50	1.15	850986	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39.50	41.00	1.50	850987	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41.00	42.50	1.50	850988	Actlabs	A18-18808-Au	05-Dec-18	0.13	-	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42.50	43.35	0.85	850989	Actlabs	A18-18808-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43.35	44.50	1.15	850990	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44.50	45.30	0.80	850991	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.30	45.80	0.50	850992	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45.80	47.00	1.20	850993	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47.00	48.50	1.50	850994	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48.50	50.00	1.50	850995	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50.00	51.50	1.50	850997	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59.00	60.50	1.50	850998	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90.00	91.00	1.00	850999	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91.00	92.50	1.50	851000	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92.50	94.00	1.50	808207	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94.00	95.50	1.50	808208	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95.50	97.00	1.50	808209	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97.00	98.50	1.50	808210	Actlabs	A18-18808-Au	05-Dec-18	0.07	-	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FULL ANALYTICAL REPORT
- Assay -

Hole Number: **EH18-002**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Length</i> <i>(m)</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Au</i> <i>(ppm)</i>	<i>AV Au</i> <i>(ppm)</i>	<i>FA Au</i> <i>(ppm)</i>	<i>FA2 Au</i> <i>(ppm)</i>	<i>FA3 Au</i> <i>(ppm)</i>	<i>FA4 Au</i> <i>(ppm)</i>	<i>FA5 Au</i> <i>(ppm)</i>	<i>SFA Au</i> <i>(ppm)</i>	<i>SFA2 Au</i> <i>(ppm)</i>	<i>SFA3 Au</i> <i>(ppm)</i>	<i>GA Au</i> <i>(ppm)</i>	<i>GA2 Au</i> <i>(ppm)</i>	<i>GA3 Au</i> <i>(ppm)</i>	<i>GA4 Au</i> <i>(ppm)</i>	<i>GA5 Au</i> <i>(ppm)</i>	<i>AR Au</i> <i>(ppm)</i>	<i>AR2 Au</i> <i>(ppm)</i>	<i>AR3 Au</i> <i>(ppm)</i>	<i>Wt</i> <i>(kg)</i>
115.50	117.00	1.50	808211	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117.00	117.65	0.65	808213	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117.65	119.00	1.35	808214	Actlabs	A18-18808-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119.00	120.15	1.15	808215	Actlabs	A18-18808-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120.15	121.30	1.15	808216	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121.30	122.50	1.20	808217	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122.50	123.60	1.10	808218	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123.60	124.60	1.00	808219	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124.60	126.00	1.40	808220	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126.00	127.50	1.50	808221	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127.50	129.00	1.50	808222	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129.00	130.50	1.50	808223	Actlabs	A18-18808-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130.50	132.00	1.50	808225	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132.00	133.50	1.50	808226	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133.50	135.00	1.50	808227	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135.00	136.50	1.50	808228	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136.50	138.00	1.50	808229	Actlabs	A18-18808-Au	05-Dec-18	0.07	-	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138.00	139.50	1.50	808230	Actlabs	A18-18808-Au	05-Dec-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139.50	141.00	1.50	808231	Actlabs	A18-18808-Au	05-Dec-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141.00	142.50	1.50	808232	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142.50	144.00	1.50	808233	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144.00	145.50	1.50	808234	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145.50	147.00	1.50	808235	Actlabs	A18-18808-Au	05-Dec-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling		Casing		Core		Location		Other			
Azimuth:	357.4	Length:	9	Dimension:	NQ	Claim No.:	319798	Company:	IAMGOLD		
Dip:	-59.2	Pulled:	no	Diam Chang:	no	NTS:	41P11E	Contractor:	NPLH		
Length:	171	Capped:	yes	Storage:	Marathon Laydown Area	Hole:	SURFACE	Spotted by:	Erik Bobeckko		
Started:	01-Nov-18	Cemented:	no	Hole Type	DDH	Section:	t	Surveyed:			
Completed:	02-Nov-18	Left in hole:	no	Logged by:	Adam Warram	Zone:	17	Surveyed by:			
Logged:	11-Nov-18	Making water:	no	Relog by:		NAD:	NAD83	Multi shot su	yes		
Township:	CONNAUGH	Plugged:	no								
Target:	Testing quartz-sulphide vein at 55 m depth; testing chargeability anomaly at 100 m depth					Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local			
Comment:	Log start date: Nov 11, 2018 Log completion date: Nov 13, 2018					East:	469808	East:	469808	East:	0
						North:	5273975	North:	5273975	North:	0
						Elev.:	365	Elev.:	365	Elev.:	0

Deviation Tests

Density Tests

Distance	Azimuth	Dip	Easting	Northing	Elevation	Mag. Fie.	Type	Good	Comments
0.00	357.40	-59.20	0	0	0		C	<input checked="" type="checkbox"/>	
0.00	343.90	-59.00				33963	R	<input type="checkbox"/>	
3.00	343.00	-59.10				33424	R	<input type="checkbox"/>	
6.00	336.70	-59.10				27665	R	<input type="checkbox"/>	
9.00	351.40	-59.10				32910	R	<input type="checkbox"/>	
12.00	297.00	-59.30				103565	R	<input type="checkbox"/>	
15.00	357.50	-59.20				57485	R	<input type="checkbox"/>	
18.00	357.30	-59.20				56884	R	<input type="checkbox"/>	
21.00	357.40	-59.20				56610	R	<input checked="" type="checkbox"/>	
24.00	357.10	-59.20				56474	R	<input checked="" type="checkbox"/>	
27.00	357.20	-59.10				56346	R	<input checked="" type="checkbox"/>	
30.00	357.30	-59.10				56283	R	<input checked="" type="checkbox"/>	
33.00	357.20	-59.10				56228	R	<input checked="" type="checkbox"/>	
36.00	357.20	-59.00				56203	R	<input checked="" type="checkbox"/>	
39.00	357.20	-59.00				56181	R	<input checked="" type="checkbox"/>	

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling	Casing	Core	Location	Other	
Azimuth: 357.4	Length: 9	Dimension: NQ	Claim No.: 319798	Company: IAMGOLD	
Dip: -59.2	Pulled: no	Diam Chang: no	NTS:	Contractor: NPLH	
Length: 171	Capped: yes	Storage: Marathon Laydown Area	Hole: SURFACE	Spotted by: Erik Bobeckko	
Started: 01-Nov-18	Cemented: no	Hole Type: DDH	Section: t	Surveyed:	
Completed: 02-Nov-18	Left in hole: no	Logged by: Adam Warram	Zone: 17	Surveyed by:	
Logged: 11-Nov-18	Making water: no	Relog by:	NAD: NAD83	Multi shot su yes	
Township: CONNAUGH	Plugged: no				
Target:	Testing quartz-sulphide vein at 55 m depth; testing chargeability anomaly at 100 m depth		Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local
Comment:	Log start date: Nov 11, 2018 Log completion date: Nov 13, 2018		East: 469808	East: 469808	East: 0
			North: 5273975	North: 5273975	North: 0
			Elev.: 365	Elev.: 365	Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
42.00	357.30	-59.00				56153	R	✓	
45.00	357.30	-59.00				56135	R	✓	
48.00	357.40	-58.90				56136	R	✓	
51.00	357.50	-58.90				56146	R	✓	
54.00	357.50	-58.90				56113	R	✓	
57.00	357.50	-58.90				56109	R	✓	
60.00	357.60	-58.90				56101	R	✓	
63.00	357.60	-58.90				56089	R	✓	
66.00	357.60	-58.90				56087	R	✓	
69.00	357.60	-58.80				56091	R	✓	
72.00	357.70	-58.80				56078	R	✓	
75.00	357.80	-58.80				56075	R	✓	
78.00	358.30	-58.60				56092	R	✓	
81.00	358.00	-58.60				56091	R	✓	
84.00	358.00	-58.60				56078	R	✓	
87.00	358.10	-58.60				56089	R	✓	

DRILL HOLE REPORT

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling	Casing	Core	Location	Other	
Azimuth: 357.4	Length: 9	Dimension: NQ	Claim No.: 319798	Company: IAMGOLD	
Dip: -59.2	Pulled: no	Diam Chang: no	NTS:	Contractor: NPLH	
Length: 171	Capped: yes	Storage: Marathon Laydown Area	Hole: SURFACE	Spotted by: Erik Bobeckho	
Started: 01-Nov-18	Cemented: no	Hole Type: DDH	Section: t	Surveyed:	
Completed: 02-Nov-18	Left in hole: no	Logged by: Adam Warram	Zone: 17	Surveyed by:	
Logged: 11-Nov-18	Making water: no	Relog by:	NAD: NAD83	Multi shot su yes	
Township: CONNAUGH	Plugged: no				
Target:	Testing quartz-sulphide vein at 55 m depth; testing chargeability anomaly at 100 m depth		Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local
Comment:	Log start date: Nov 11, 2018 Log completion date: Nov 13, 2018		East: 469808	East: 469808	East: 0
			North: 5273975	North: 5273975	North: 0
			Elev.: 365	Elev.: 365	Elev.: 0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
90.00	358.10	-58.60				56070	R	☑	
93.00	358.20	-58.60				56073	R	☑	
96.00	358.30	-58.60				56054	R	☑	
99.00	358.30	-58.60				56057	R	☑	
102.00	358.30	-58.70				56066	R	☑	
105.00	358.40	-58.70				56056	R	☑	
108.00	358.40	-58.60				56065	R	☑	
111.00	358.40	-58.60				56051	R	☑	
114.00	358.50	-58.60				56051	R	☑	
117.00	358.50	-58.60				56053	R	☑	
120.00	358.50	-58.50				56072	R	☑	
123.00	358.40	-58.50				56048	R	☑	
126.00	358.50	-58.50				56059	R	☑	
129.00	358.60	-58.50				56053	R	☑	
132.00	358.70	-58.40				56057	R	☑	
135.00	358.60	-58.30				56054	R	☑	

DRILL HOLE REPORT

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Drilling	Casing	Core	Location	Other
Azimuth: 357.4	Length: 9	Dimension: NQ	Claim No.: 319798	Company: IAMGOLD
Dip: -59.2	Pulled: no	Diam Chang: no	NTS:	Contractor: NPLH
Length: 171	Capped: yes	Storage: Marathon Laydown Area	Hole: SURFACE	Spotted by: Erik Bobeckko
Started: 01-Nov-18	Cemented: no	Hole Type: DDH	Section: t	Surveyed:
Completed: 02-Nov-18	Left in hole: no	Logged by: Adam Warram	Zone: 17	Surveyed by:
Logged: 11-Nov-18	Making water: no	Relog by:	NAD: NAD83	Multi shot su yes
Township: CONNAUGH	Plugged: no			
Target:	Testing quartz-sulphide vein at 55 m depth; testing chargeability anomaly at 100 m depth			
Comment:	Log start date: Nov 11, 2018 Log completion date: Nov 13, 2018			
	Coordinate - Gemcom	Coordinate - UTM	Coordinate - Local	
	East: 469808	East: 469808	East:	0
	North: 5273975	North: 5273975	North:	0
	Elev.: 365	Elev.: 365	Elev.:	0

Deviation Tests

Density Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Easting</i>	<i>Northing</i>	<i>Elevation</i>	<i>Mag. Fie.</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
138.00	358.60	-58.30				56050	R	☑	
141.00	358.60	-58.30				56054	R	☑	
144.00	358.70	-58.30				56047	R	☑	
147.00	358.70	-58.30				56043	R	☑	
150.00	358.70	-58.30				56032	R	☑	
153.00	358.80	-58.20				56034	R	☑	
156.00	358.80	-58.20				56002	R	☑	
159.00	358.80	-58.10				55989	R	☑	
162.00	358.90	-58.10				55963	R	☑	
165.00	358.90	-58.10				55956	R	☑	
168.00	359.00	-58.00				55943	R	☑	
171.00	359.00	-58.00				55878	R	☑	

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
0.00	9.05	OB Overburden Overburden.										
9.05	26.35	GDR Granodiorite Granodiorite (possibly tonalite). Light grey to light green grey. Mg-cg. Massive. Non-magnetic. Mod-sel-ep, mod sel ser, mod sel lx, mod chl sel +/- weak sel bt, weak spv si, very weak sel cb. <1% qtz-cb-chl-ser veinlets/stringers. Trace dis/frac/vn py. Lower contact with Quartz feldspar porphyry dyke sharp.	LGY	850839	9.05	10.00	0.95	0.01	-	0.01	-	-
				850840	17.00	18.00	1.00	0.01	-	0.01	-	-
				850841	18.00	19.00	1.00	0.01	-	0.01	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	850842	23.80	24.35	0.55	0.02	-	0.02	-
		9.05 - 26.35	LX SEL 2	Leucoxene, Selective, Weak	850843	24.35	25.00	0.65	0.01	-	0.01	-
		9.05 - 26.35	SR SEL 3	Sericitization, Selective, Moderate	850844	25.00	26.35	1.35	0.01	-	0.01	-
		9.05 - 26.35	CL SEL 3	Chloritization, Selective, Moderate								
		9.05 - 26.35	EP SEL 3	Epidotization, Selective, Moderate								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		9.05 - 26.35	Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%								
		9.05 - 26.35	Py VN 0.1	Pyrite, Vein-controlled, 0.1%								
		9.05 - 26.35	Py DIS 0.1	Pyrite, Disseminated, 0.1%								
		Texture Maj:	Type	Comment								
		9.05 - 26.35	MAS	Massive								
		9.05 - 26.35	HT	Heterogeneous								
		9.05 - 26.35	CG	Coarse Grained (>5mm)								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
		9.05 - 26.35	STG 0.5 100	QCSCV Quartz Carb Sericite Vein, 100% + chl								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
26.35	36.00	12BC Quartz Feldspar Porphyry	GY	850845	31.50	32.20	0.70	0.10	-	0.10	-	-
		Quartz feldspar porphyry (dominantly felspar phenocrysts- 55%). Grey. Vfg-fg matrix, felspar phenocrysts up to 1cm. Non-magnetic. Weak ser sel, weak-mod lx sel, weak pv chl, very weak sel ep, very weak sel cb. 1% irregular qtz-cb-chl /veinlets/stringers/filled frac. Trace dis/frac py. Upper contact with granodiorite sharp. Lower contact with int dyke sharp (int dyke may just be chill margin of QFP).		850846	32.20	32.80	0.60	0.05	-	0.05	-	-
				850847	32.80	33.50	0.70	0.03	-	0.03	-	-
				850849	33.50	35.00	1.50	0.01	-	0.01	-	-
		Alteration Maj:	Type/Style/Intensity	Comment								
		26.35 - 29.30	CL PV 2	Chloritization, Pervasive, Weak								
		26.35 - 29.30	LX SEL 2	Leucoxene, Selective, Weak								
		26.35 - 29.30	CB SEL 1	Carbonatization, Selective, Very weak								
		26.35 - 29.30	SR SEL 2	Sericitization, Selective, Weak								
		29.30 - 34.70	CL PV 2	Chloritization, Pervasive, Weak								
		29.30 - 34.70	LX SEL 1	Leucoxene, Selective, Very weak								
		29.30 - 34.70	CB PV 3	Carbonatization, Pervasive, Moderate								
		29.30 - 34.70	SR SEL 3	Sericitization, Selective, Moderate								
		34.70 - 36.00	CB SEL 1	Carbonatization, Selective, Very weak								
		34.70 - 36.00	LX SEL 2	Leucoxene, Selective, Weak								
		34.70 - 36.00	CB SEL 2	Carbonatization, Selective, Weak								
		34.70 - 36.00	SR SEL 2	Sericitization, Selective, Weak								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		26.35 - 36.00	Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%								
		26.35 - 36.00	Py DIS 0.1	Pyrite, Disseminated, 0.1%								
		Texture Maj:	Type	Comment								
		26.35 - 36.00	MAS	Massive								
		26.35 - 36.00	HT	Heterogeneous								
		26.35 - 36.00	PO	Porphyritic								

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
	26.35 - 36.00	STG 0.5 100	QCSCV	Quartz Carb Sericite Vein, 100%								
36.00	36.65	INTD Intermediate Dyke										
		Intermediate dyke (possibly just chill margin of QFP dyke). Aphanitic to vfg. Grey. Massive to weakly foliated. Trace dis py. Mod pv si, weak pv chl. Carb filled fractures (<1%). Upper contact with Quartz feldspar porphyry dyke sharp. Lower contact with granodiorite sharp and sheared MTC.										
		Alteration Maj:	Type/Style/Intensity	Comment								
	36.00 - 36.65	CL PV 2		Chloritization, Pervasive, Weak								
	36.00 - 36.65	SI PV 3		Silicification, Pervasive, Moderate								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
	36.00 - 36.65	Py DIS 0.1		Pyrite, Disseminated, 0.1%								
		Structure Maj.:	Inte/Type/Core Angle	Comment								
	36.00 - 36.65	W FOL		Foliated								
		Texture Maj:	Type	Comment								
	36.00 - 36.65	AP		Aphanitic								
	36.00 - 36.65	HO		Homogeneous								
36.65	105.50	GDR Granodiorite										
		Granodiorite (possibly tonalite). Pinkish cream to light green grey. Mg-cg. Massive. Non-magnetic. Mod-sel-ep, mod sel/spv ser, mod sel lx, mod sel chl +/- weak sel bt, weak spv si, very weak sel cb. <1% qtz-cb-chl-ser veinlets/stringers. Trace dis/frac/vn py. <1% grey dioritic fragments that are partially dissolved. Upper contact with Intermediate dyke sharp. Lower contact with Quartz feldspar porphyry dyke sharp, slightly irregular.										
		Alteration Maj:	Type/Style/Intensity	Comment								
	36.65 - 57.35	BIO SEL 1		Biotitization, Selective, Very weak	850850	47.00	48.00	1.00	0.01	-	0.01	-
	36.65 - 57.35	CL SEL 3		Chloritization, Selective, Moderate	850851	48.00	49.00	1.00	0.01	-	0.01	-
	36.65 - 57.35	EP SEL 3		Epidotization, Selective, Moderate	850852	51.00	52.00	1.00	0.01	-	0.01	-
	36.65 - 57.35				850853	52.00	53.00	1.00	0.01	-	0.01	-
	36.65 - 57.35				850854	60.00	61.00	1.00	0.01	-	0.01	-
	36.65 - 57.35				850855	63.00	64.40	1.40	0.01	-	0.01	-
	36.65 - 57.35				850856	72.00	73.20	1.20	0.01	-	0.01	-
	36.65 - 57.35				850857	73.20	74.30	1.10	0.11	-	0.11	-
	36.65 - 57.35				850858	74.30	75.00	0.70	0.21	-	0.21	-

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
36.65 - 57.35		SR SEL 3	Sericitization, Selective, Moderate	850859	75.00	76.00	1.00	0.03	-	0.03	-	-
57.35 - 71.70		EP SEL 2	Epidotization, Selective, Weak	850861	76.00	77.00	1.00	0.01	-	0.01	-	-
57.35 - 71.70		BIO SEL 1	Biotitization, Selective, Very weak	850862	77.00	78.00	1.00	0.01	-	0.01	-	-
57.35 - 71.70		SR SEL 1	Sericitization, Selective, Very weak	850863	78.00	79.00	1.00	0.04	-	0.04	-	-
57.35 - 71.70		CL SEL 1	Chloritization, Selective, Very weak	850864	79.00	80.50	1.50	0.03	-	0.03	-	-
71.70 - 76.50		BIO SEL 1	Biotitization, Selective, Very weak	850865	80.50	81.80	1.30	0.01	-	0.01	-	-
71.70 - 76.50		SR SEL 3	Sericitization, Selective, Moderate	850866	81.80	82.60	0.80	0.07	-	0.07	-	-
71.70 - 76.50		SI SPV 2	Silicification, Semi-Pervasive, Weak	850867	90.00	91.50	1.50	0.01	-	0.01	-	-
71.70 - 76.50		CL SEL 3	Chloritization, Selective, Moderate	850868	91.50	92.50	1.00	0.01	-	0.01	-	-
76.50 - 90.00		CL SEL 3	Chloritization, Selective, Moderate	850869	92.50	94.00	1.50	0.01	-	0.01	-	-
76.50 - 90.00		BIO SEL 1	Biotitization, Selective, Very weak	850870	94.00	95.45	1.45	0.01	-	0.01	-	-
76.50 - 90.00		CL SEL 1	Chloritization, Selective, Very weak	850871	95.45	96.50	1.05	0.01	-	0.01	-	-
76.50 - 90.00		HM SEL 1	Hematization, Selective, Very weak	850873	96.50	97.50	1.00	0.01	-	0.01	-	-
76.50 - 90.00		EP SEL 2	Epidotization, Selective, Weak	850874	99.00	100.45	1.45	0.01	-	0.01	-	-
90.00 - 95.70		CL SEL 3	Chloritization, Selective, Moderate									
90.00 - 95.70		SR SEL 3	Sericitization, Selective, Moderate									
90.00 - 95.70		BIO SEL 1	Biotitization, Selective, Very weak									
90.00 - 95.70		SI PV 2	Silicification, Pervasive, Weak									
95.70 - 105.50		EP SEL 3	Epidotization, Selective, Moderate									
95.70 - 105.50		BIO SEL 1	Biotitization, Selective, Very weak									
95.70 - 105.50		CL SEL 1	Chloritization, Selective, Very weak									
95.70 - 105.50		HM SEL 2	Hematization, Selective, Weak									
Mineralization Maj. :		Type/Style/%Mineral	Comment									
36.65 - 105.50		Py DIS 0.1	Pyrite, Disseminated, 0.1%									
36.65 - 105.50		Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%									

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Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)
		Texture Maj:	Type	Comment								
		36.65 - 105.50	MAS	Massive								
		36.65 - 105.50	CG	Coarse Grained (>5mm)								
		36.65 - 105.50	HT	Heterogeneous								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
		36.65 - 105.50	STG 0.2 100	QCSCV Quartz Carb Sericite Vein, 100% + chl								
105.50	111.05	12BC Quartz Feldspar Porphyry		DGY								
		Quartz feldspar porphyry (dominantly feldspar phenocrysts- 25-30%). Dark grey. Vfg-fg matrix, feldspar phenocrysts up to 1cm. Non-magnetic. Weak ser sel, weak pv chl, very weak sel cb. <1% irregular cb +/- ep stringers/filled fracs. Trace dis/frac py. Upper contact with granodiorite sharp, slightly irregular. Lower contact with granodiorite sharp, slightly irregular.										
		Alteration Maj:	Type/Style/Intensity	Comment								
		105.50 - 111.05	CB SEL 1	Carbonatization, Selective, Very weak								
		105.50 - 111.05	SR SEL 2	Sericitization, Selective, Weak								
		105.50 - 111.05	CL PV 2	Chloritization, Pervasive, Weak								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		105.50 - 111.05	Py DIS 0.1	Pyrite, Disseminated, 0.1%								
		Texture Maj:	Type	Comment								
		105.50 - 111.05	HT	Heterogeneous								
		105.50 - 111.05	MAS	Massive								
		105.50 - 111.05	PO	Porphyritic								
111.05	114.80	GDR Granodiorite		CR	850875	113.00	114.00	1.00	0.01	-	0.01	-
		Granodiorite (possibly tonalite). Cream to light green grey. Mg-cg. Massive. Non-magnetic. Mod-sel-ep, weak-mod sel/spv ser, weak sel chl										

LITHOLOGY REPORT
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Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>
<p>+/- weak sel bt, weak spv si. <1% qtz-cb veinlets. Trace dis/frac/vn py. Upper contact with QFP dyke sharp, slightly irregular. <1% grey dioritic fragments that are partially dissolved. Lower contact with Quartz feldspar porphyry dyke sharp, slightly irregular.</p>												
		Alteration Maj:	Type/Style/Intensity	Comment								
		111.05 - 114.80	SI SPV 2	Silicification, Semi-Pervasive, Weak								
		111.05 - 114.80	BIO SEL 1	Biotitization, Selective, Very weak								
		111.05 - 114.80	CL SEL 2	Chloritization, Selective, Weak								
		111.05 - 114.80	EP SEL 3	Epidotization, Selective, Moderate								
		Mineralization Maj. :	Type/Style/%Mineral	Comment								
		111.05 - 114.80	Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%								
		111.05 - 114.80	Py DIS 0.1	Pyrite, Disseminated, 0.1%								
		Texture Maj:	Type	Comment								
		111.05 - 114.80	MAS	Massive								
		111.05 - 114.80	HT	Heterogeneous								
		111.05 - 114.80	CG	Coarse Grained (>5mm)								
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment								
		111.05 - 114.80	VN 1 100 QCV	Quartz-Calcite Vein, 100%								
114.80	116.70	12BC Quartz Feldspar Porphyry	DGY	850876	116.00	116.70	0.70	0.01	-	0.01	-	-
<p>Quartz feldspar porphyry (feldspar phenocrysts 20%, quartz phenocrysts 15%). Grey. Vfg matrix, felspar phenocrysts up to 1cm. Non-magnetic. Weak ser sel, weak-mod pv cb sel, weak pv chl. 1% irregular qtz-cb-chl stringers/filled frags. 5cm pink Qtz-cb vein/miarole vein. Trace dis/frac py. Upper contact with granodiorite sharp, weakly sheared. Lower contact with granodiorite sharp and mod-sheared MTC on both sides of contact.</p>												
		Alteration Maj:	Type/Style/Intensity	Comment								
		114.80 - 116.70	CL PV 2	Chloritization, Pervasive, Weak								
		114.80 - 116.70	SR SEL 2	Sericitization, Selective, Weak								

LITHOLOGY REPORT - Detailed -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)	
	114.80 - 116.70	CB PV 3	Carbonatization, Pervasive, Moderate										
		Mineralization Maj. :	Type/Style/%Mineral	Comment									
	114.80 - 116.70	Py DIS 0.1	Pyrite, Disseminated, 0.1%										
		Structure Maj.:	Inte/Type/Core Angle	Comment									
	116.50 - 116.70	M SHRD	Sheared										
		Texture Maj:	Type	Comment									
	114.80 - 116.70	HT	Heterogeneous										
	114.80 - 116.70	MAS	Massive										
	114.80 - 116.70	PO	Porphyritic										
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment									
	114.80 - 116.70	VN 3 100	QCV Quartz-Calcite Vein, 100%										
116.70	171.00	GDR Granodiorite		LGY	850877	116.70	118.20	1.50	0.01	-	0.01	-	-
		Granodiorite (possibly tonalite). Pinkish cream to light green grey. Mg-cg. Massive. Non-magnetic. Mod-sel-ep, mod sel/spv ser, mod sel lx, mod sel chl +/- weak sel bt, weak spv si, very weak sel cb. <1% qtz-cb-chl-ser veinlets/stringers. Trace dis/frac/vn py. <1% grey dioritic fragments that are partially dissolved Upper contact with QFP dyke sharp, mod sheared MTC on both sides of dyke. EOH			850878	118.20	119.00	0.80	0.01	-	0.01	-	-
					850879	119.00	120.50	1.50	0.01	-	0.01	-	-
					850880	131.85	133.00	1.15	0.01	-	0.01	-	-
					850881	133.00	134.50	1.50	0.01	-	0.01	-	-
					850882	134.50	135.50	1.00	0.01	-	0.01	-	-
					850883	135.50	136.60	1.10	0.02	-	0.02	-	-
					850885	136.60	138.00	1.40	0.01	-	0.01	-	-
					850886	138.00	139.50	1.50	0.01	-	0.01	-	-
					850887	139.50	141.00	1.50	0.01	-	0.01	-	-
					850888	141.00	141.50	0.50	0.02	-	0.02	-	-
					850889	141.50	142.50	1.00	0.01	-	0.01	-	-
					850890	142.50	143.70	1.20	0.01	-	0.01	-	-
					850891	143.70	144.70	1.00	0.01	-	0.01	-	-
	116.70 - 132.00	CL SEL 2	Chloritization, Selective, Weak										
	116.70 - 132.00	BIO SEL 1	Biotitization, Selective, Very weak										
	116.70 - 132.00	SR SEL 2	Sericitization, Selective, Weak										
	116.70 - 132.00	SI PV 2	Silicification, Pervasive, Weak										
	132.00 - 149.70	SR SEL 3	Sericitization, Selective, Moderate										
	132.00 - 149.70	CL SEL 3	Chloritization, Selective, Moderate										
	132.00 - 149.70	SI PV 2	Silicification, Pervasive, Weak										
	132.00 - 149.70	LX SEL 3	Leucoxene, Selective, Moderate										

LITHOLOGY REPORT
- Detailed -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Weathering Oxidation Colour</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>	
149.70 - 167.00		EP SEL 2	Epidotization, Selective, Weak	850892	144.70	145.20	0.50	0.01	-	0.01	-	-	
149.70 - 167.00		SI PV 2	Silicification, Pervasive, Weak	850893	145.20	146.70	1.50	0.06	-	0.06	-	-	
149.70 - 167.00		SR SEL 2	Sericitization, Selective, Weak	850894	146.70	148.00	1.30	0.01	-	0.01	-	-	
149.70 - 167.00		CL SEL 2	Chloritization, Selective, Weak	850895	148.00	149.00	1.00	0.01	-	0.01	-	-	
167.00 - 171.00		SI SPV 1	Silicification, Semi-Pervasive, Very weak	850897	149.00	150.00	1.00	0.01	-	0.01	-	-	
167.00 - 171.00		CL SEL 1	Chloritization, Selective, Very weak	850898	151.90	152.85	0.95	0.01	-	0.01	-	-	
167.00 - 171.00		EP SEL 2	Epidotization, Selective, Weak	850899	152.85	153.55	0.70	0.01	-	0.01	-	-	
167.00 - 171.00		BIO SEL 1	Biotitization, Selective, Very weak	850900	153.55	154.75	1.20	0.05	-	0.05	-	-	
		Mineralization Maj. :	Type/Style/%Mineral	Comment	850901	154.75	156.20	1.45	0.01	-	0.01	-	-
116.70 - 171.00		Py VN 0.1	Pyrite, Vein-controlled, 0.1%	850902	156.20	157.65	1.45	0.01	-	0.01	-	-	
116.70 - 171.00		Py FAC 0.1	Pyrite, Fracture-controlled, 0.1%	850903	157.65	158.50	0.85	0.01	-	0.01	-	-	
116.70 - 171.00		Py DIS 0.1	Pyrite, Disseminated, 0.1%	850904	158.50	160.00	1.50	0.01	-	0.01	-	-	
		Texture Maj:	Type	Comment	850905	160.00	161.50	1.50	0.01	-	0.01	-	-
116.70 - 171.00		MAS	Massive	850906	161.50	163.00	1.50	0.01	-	0.01	-	-	
116.70 - 171.00		CG	Coarse Grained (>5mm)	850907	163.00	164.50	1.50	0.01	-	0.01	-	-	
116.70 - 171.00		HT	Heterogeneous	850908	164.50	165.60	1.10	0.01	-	0.01	-	-	
		Vein Maj. :	Style/%vein/CoreA/%min/min	Comment	850909	165.60	167.00	1.40	0.01	-	0.01	-	-
					850910	167.00	167.80	0.80	0.01	-	0.01	-	-

FULL ANALYTICAL REPORT
- Assay -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i> (m)	<i>To</i> (m)	<i>Length</i> (m)	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Au</i> (ppm)	<i>AV</i> <i>Au</i> (ppm)	<i>FA</i> <i>Au</i> (ppm)	<i>FA2</i> <i>Au</i> (ppm)	<i>FA3</i> <i>Au</i> (ppm)	<i>FA4</i> <i>Au</i> (ppm)	<i>FA5</i> <i>Au</i> (ppm)	<i>SFA</i> <i>Au</i> (ppm)	<i>SFA2</i> <i>Au</i> (ppm)	<i>SFA3</i> <i>Au</i> (ppm)	<i>GA</i> <i>Au</i> (ppm)	<i>GA2</i> <i>Au</i> (ppm)	<i>GA3</i> <i>Au</i> (ppm)	<i>GA4</i> <i>Au</i> (ppm)	<i>GA5</i> <i>Au</i> (ppm)	<i>AR</i> <i>Au</i> (ppm)	<i>AR2</i> <i>Au</i> (ppm)	<i>AR3</i> <i>Au</i> (ppm)	<i>Wt</i> (kg)	
9.05	10.00	0.95	850839	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.00	18.00	1.00	850840	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.00	19.00	1.00	850841	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.80	24.35	0.55	850842	Actlabs	A18-18112-Au	21-Nov-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.35	25.00	0.65	850843	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.00	26.35	1.35	850844	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.50	32.20	0.70	850845	Actlabs	A18-18112-Au	21-Nov-18	0.10	-	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.20	32.80	0.60	850846	Actlabs	A18-18112-Au	21-Nov-18	0.05	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32.80	33.50	0.70	850847	Actlabs	A18-18112-Au	21-Nov-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33.50	35.00	1.50	850849	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47.00	48.00	1.00	850850	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48.00	49.00	1.00	850851	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51.00	52.00	1.00	850852	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52.00	53.00	1.00	850853	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60.00	61.00	1.00	850854	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63.00	64.40	1.40	850855	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72.00	73.20	1.20	850856	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73.20	74.30	1.10	850857	Actlabs	A18-18112-Au	21-Nov-18	0.11	-	0.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74.30	75.00	0.70	850858	Actlabs	A18-18112-Au	21-Nov-18	0.21	-	0.21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75.00	76.00	1.00	850859	Actlabs	A18-18112-Au	21-Nov-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76.00	77.00	1.00	850861	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77.00	78.00	1.00	850862	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78.00	79.00	1.00	850863	Actlabs	A18-18112-Au	21-Nov-18	0.04	-	0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79.00	80.50	1.50	850864	Actlabs	A18-18112-Au	21-Nov-18	0.03	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80.50	81.80	1.30	850865	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81.80	82.60	0.80	850866	Actlabs	A18-18112-Au	21-Nov-18	0.07	-	0.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90.00	91.50	1.50	850867	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91.50	92.50	1.00	850868	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92.50	94.00	1.50	850869	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94.00	95.45	1.45	850870	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FULL ANALYTICAL REPORT
- Assay -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Length</i> <i>(m)</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of</i> <i>Certificate</i>	<i>Au</i> <i>(ppm)</i>	<i>AV</i> <i>Au</i> <i>(ppm)</i>	<i>FA</i> <i>Au</i> <i>(ppm)</i>	<i>FA2</i> <i>Au</i> <i>(ppm)</i>	<i>FA3</i> <i>Au</i> <i>(ppm)</i>	<i>FA4</i> <i>Au</i> <i>(ppm)</i>	<i>FA5</i> <i>Au</i> <i>(ppm)</i>	<i>SFA</i> <i>Au</i> <i>(ppm)</i>	<i>SFA2</i> <i>Au</i> <i>(ppm)</i>	<i>SFA3</i> <i>Au</i> <i>(ppm)</i>	<i>GA</i> <i>Au</i> <i>(ppm)</i>	<i>GA2</i> <i>Au</i> <i>(ppm)</i>	<i>GA3</i> <i>Au</i> <i>(ppm)</i>	<i>GA4</i> <i>Au</i> <i>(ppm)</i>	<i>GA5</i> <i>Au</i> <i>(ppm)</i>	<i>AR</i> <i>Au</i> <i>(ppm)</i>	<i>AR2</i> <i>Au</i> <i>(ppm)</i>	<i>AR3</i> <i>Au</i> <i>(ppm)</i>	<i>Wt</i> <i>(kg)</i>
95.45	96.50	1.05	850871	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96.50	97.50	1.00	850873	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99.00	100.45	1.45	850874	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113.00	114.00	1.00	850875	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116.00	116.70	0.70	850876	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116.70	118.20	1.50	850877	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118.20	119.00	0.80	850878	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119.00	120.50	1.50	850879	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131.85	133.00	1.15	850880	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133.00	134.50	1.50	850881	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134.50	135.50	1.00	850882	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135.50	136.60	1.10	850883	Actlabs	A18-18112-Au	21-Nov-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136.60	138.00	1.40	850885	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138.00	139.50	1.50	850886	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139.50	141.00	1.50	850887	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141.00	141.50	0.50	850888	Actlabs	A18-18112-Au	21-Nov-18	0.02	-	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141.50	142.50	1.00	850889	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142.50	143.70	1.20	850890	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143.70	144.70	1.00	850891	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144.70	145.20	0.50	850892	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145.20	146.70	1.50	850893	Actlabs	A18-18112-Au	21-Nov-18	0.06	-	0.06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146.70	148.00	1.30	850894	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148.00	149.00	1.00	850895	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149.00	150.00	1.00	850897	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151.90	152.85	0.95	850898	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152.85	153.55	0.70	850899	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153.55	154.75	1.20	850900	Actlabs	A18-18112-Au	21-Nov-18	0.05	-	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154.75	156.20	1.45	850901	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156.20	157.65	1.45	850902	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157.65	158.50	0.85	850903	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

FULL ANALYTICAL REPORT
- Assay -

Hole Number: **EH18-003**

Project: **ELEPHANT HEAD**

Project Number: **261**

Assay Report (part 1 of 1)

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Length</i> <i>(m)</i>	<i>Sample #</i>	<i>Lab</i>	<i>Certificate #</i>	<i>Date of Certificate</i>	<i>Au</i> <i>(ppm)</i>	<i>AV Au</i> <i>(ppm)</i>	<i>FA Au</i> <i>(ppm)</i>	<i>FA2 Au</i> <i>(ppm)</i>	<i>FA3 Au</i> <i>(ppm)</i>	<i>FA4 Au</i> <i>(ppm)</i>	<i>FA5 Au</i> <i>(ppm)</i>	<i>SFA Au</i> <i>(ppm)</i>	<i>SFA2 Au</i> <i>(ppm)</i>	<i>SFA3 Au</i> <i>(ppm)</i>	<i>GA Au</i> <i>(ppm)</i>	<i>GA2 Au</i> <i>(ppm)</i>	<i>GA3 Au</i> <i>(ppm)</i>	<i>GA4 Au</i> <i>(ppm)</i>	<i>GA5 Au</i> <i>(ppm)</i>	<i>AR Au</i> <i>(ppm)</i>	<i>AR2 Au</i> <i>(ppm)</i>	<i>AR3 Au</i> <i>(ppm)</i>	<i>Wt</i> <i>(kg)</i>	
158.50	160.00	1.50	850904	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160.00	161.50	1.50	850905	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161.50	163.00	1.50	850906	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163.00	164.50	1.50	850907	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164.50	165.60	1.10	850908	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165.60	167.00	1.40	850909	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
167.00	167.80	0.80	850910	Actlabs	A18-18112-Au	21-Nov-18	0.01	-	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Appendix E

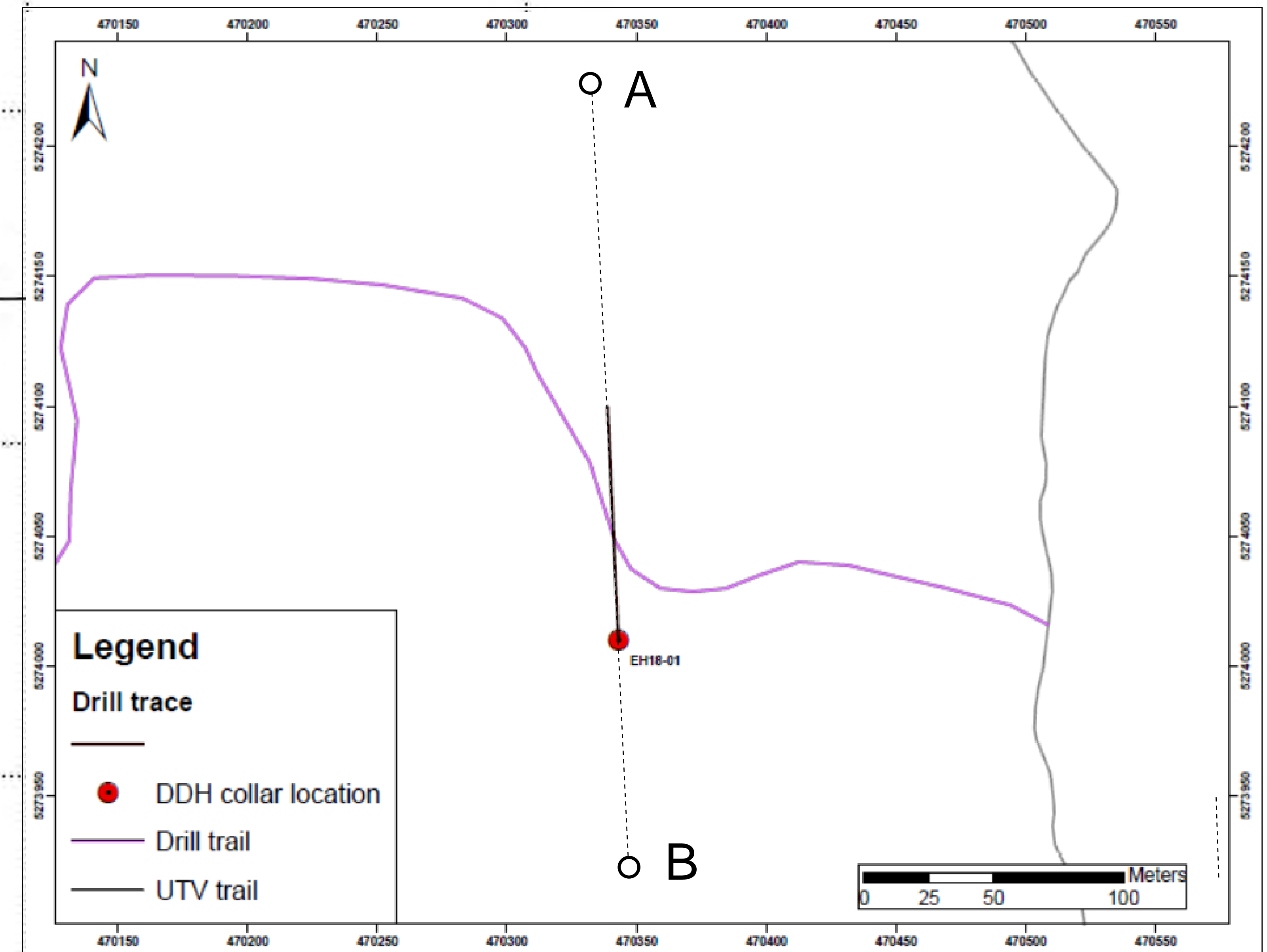
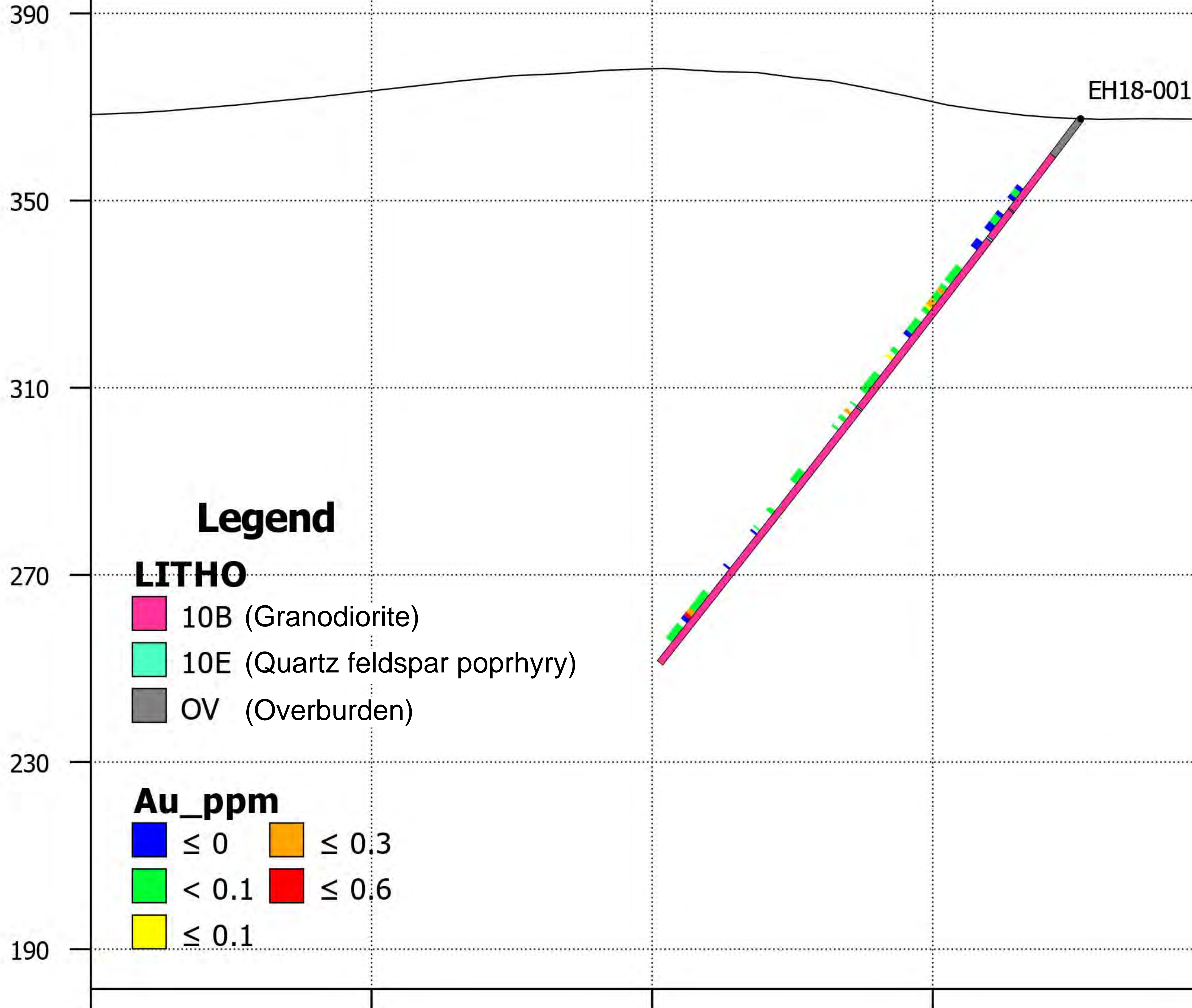
Drill Hole Vertical Cross Sections

A

EH18-01

B

Azimuth: 358°
Dip: -53°
Length of drill hole: 147 m
Mining claim: 112675



Legend

LITHO

- 10B (Granodiorite)
- 10E (Quartz feldspar porphyry)
- OV (Overburden)

Au_ppm

- ≤ 0
- ≤ 0.3
- < 0.1
- ≤ 0.6
- ≤ 0.1

Location

A: 470337, 5274222

B: 470347, 5273873

Scale: 1:1,500

Vertical exaggeration: 1x



x: 470337
y: 5274222

x: 470339
y: 5274162

x: 470341
y: 5274102

x: 470342
y: 5274042

x: 470344
y: 5273982

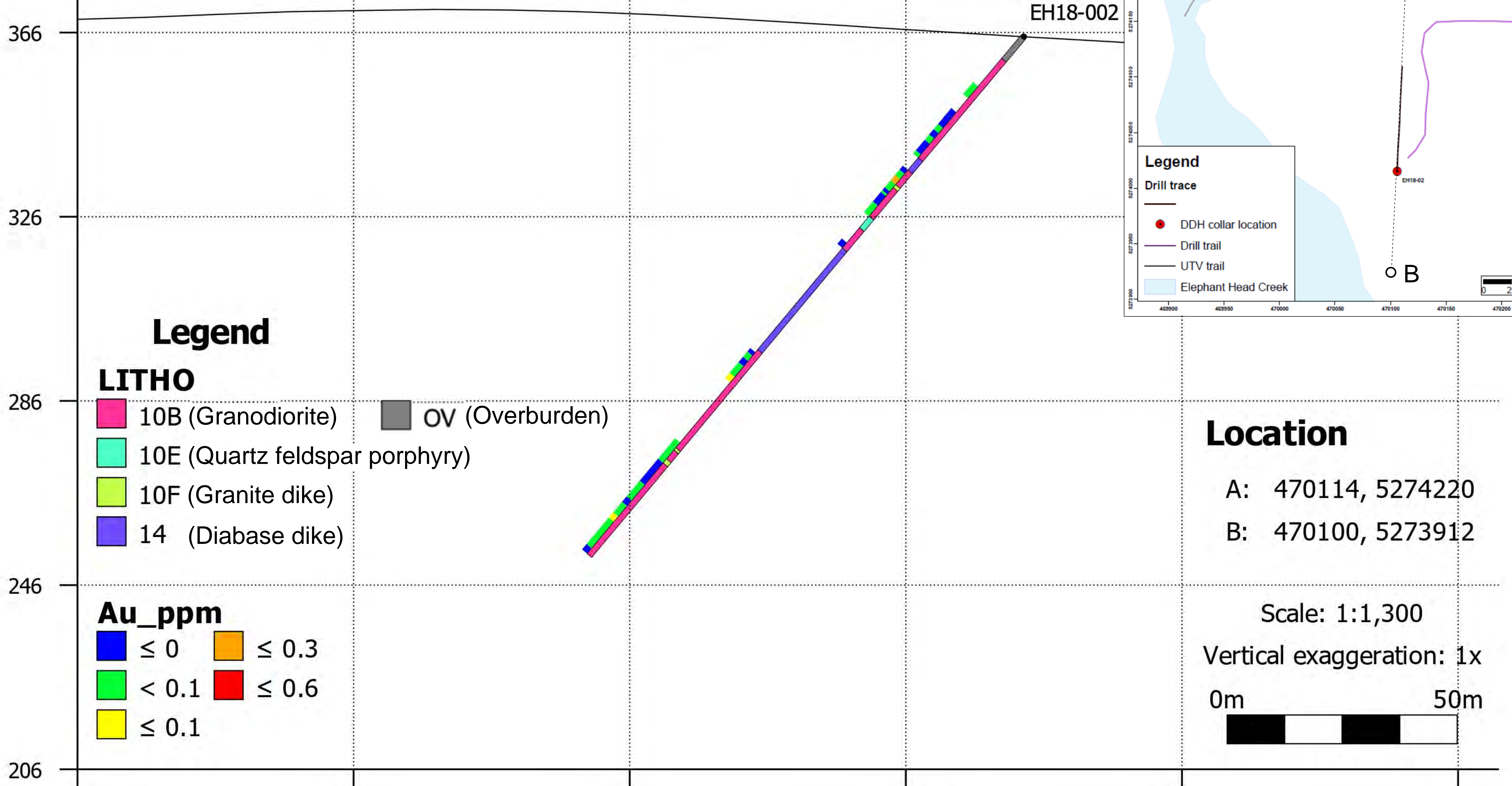
x: 470346
y: 5273922

A

EH18-02

B

Azimuth: 002°
Dip: -50°
Length of drill hole: 147 m
Mining claim: 112675



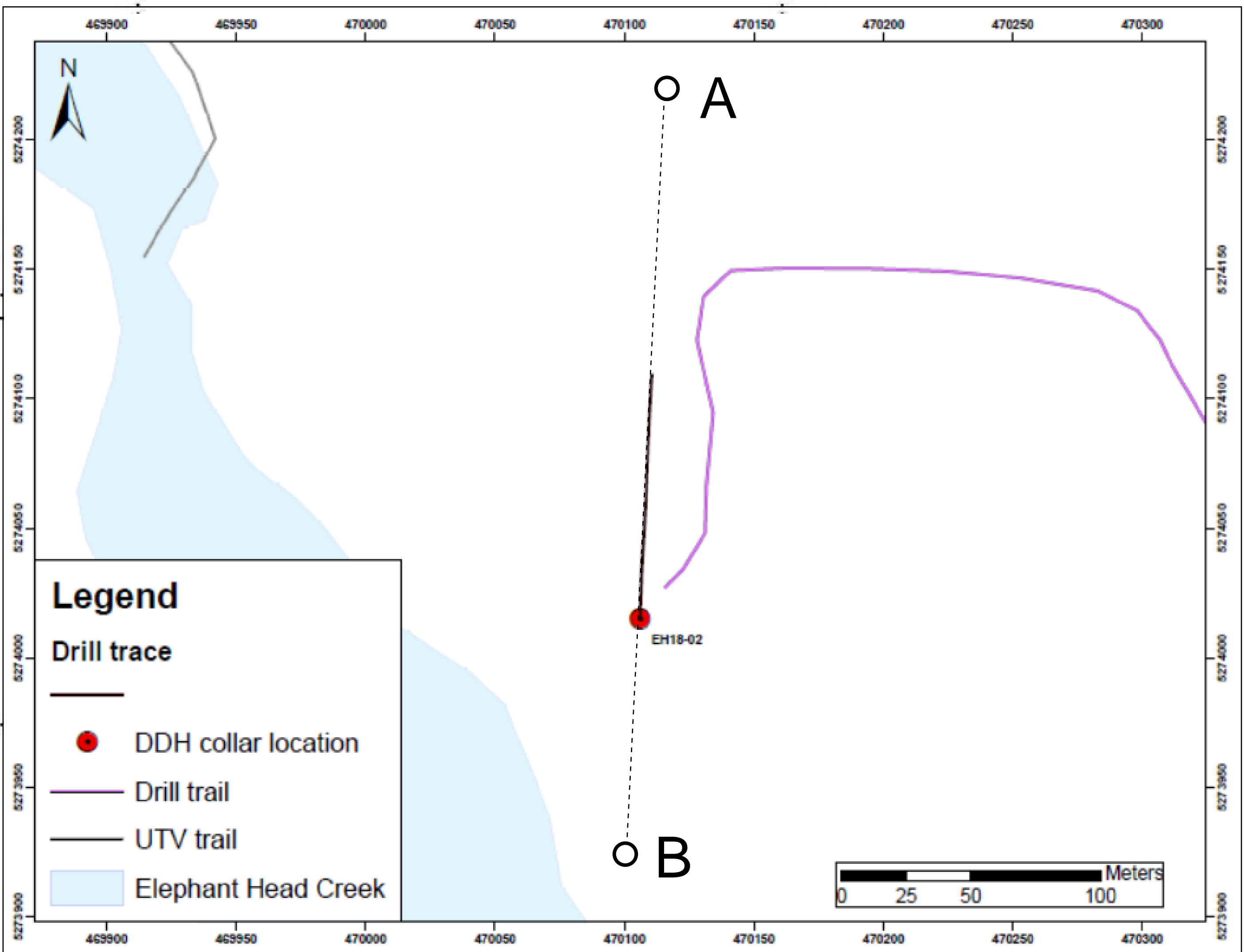
Legend

LITHO

- 10B (Granodiorite)
- 10E (Quartz feldspar porphyry)
- 10F (Granite dike)
- 14 (Diabase dike)
- OV (Overburden)

Au_ppm

- ≤ 0
- ≤ 0.3
- < 0.1
- ≤ 0.6
- ≤ 0.1



Location

A: 470114, 5274220
B: 470100, 5273912

Scale: 1:1,300

Vertical exaggeration: 1x



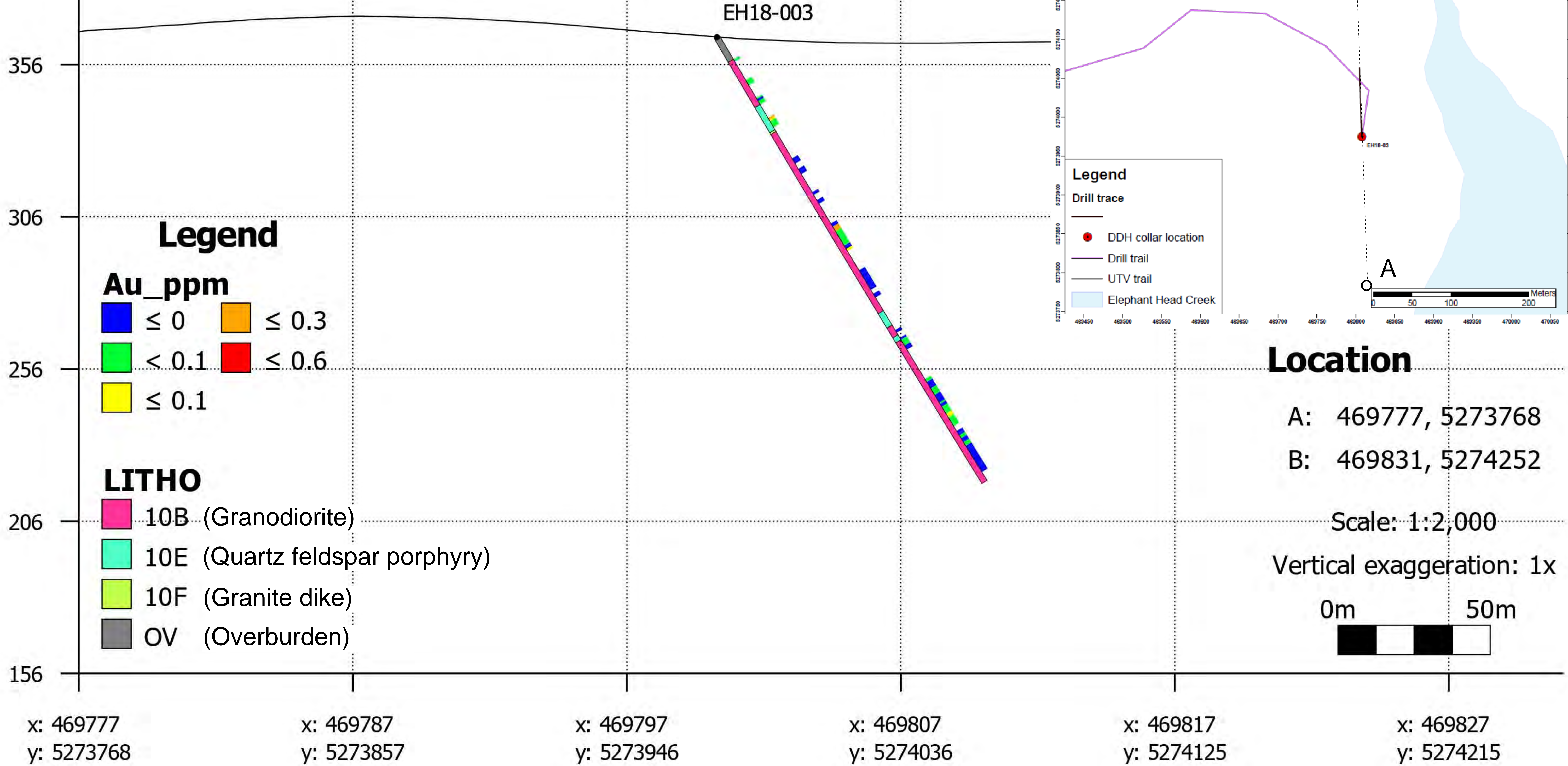
x: 470116	x: 470113	x: 470111	x: 470108	x: 470106	x: 470103
y: 5274220	y: 5274160	y: 5274100	y: 5274041	y: 5273981	y: 5273921

A

B

EH18-03

Azimuth: 357°
 Dip: -59°
 Length of drill hole: 171 m
 Mining claim: 319798



Appendix F

Drill Core Assay Certificates



Date Submitted: 21-Nov-18
Invoice No.: A18-18112
Invoice Date: 07-Dec-18
Your Reference: 261

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Laura Katz

CERTIFICATE OF ANALYSIS

72 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A18-18112**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
850839	0.006
850840	0.008
850841	0.006
850842	0.016
850843	< 0.005
850844	0.006
850845	0.102
850846	0.053
850847	0.030
850848	< 0.005
850849	0.014
850850	< 0.005
850851	< 0.005
850852	< 0.005
850853	< 0.005
850854	< 0.005
850855	< 0.005
850856	< 0.005
850857	0.105
850858	0.210
850859	0.034
850860	2.150
850861	0.007
850862	0.010
850863	0.043
850864	0.033
850865	< 0.005
850866	0.073
850867	< 0.005
850868	< 0.005
850869	< 0.005
850870	< 0.005
850871	< 0.005
850872	< 0.005
850873	< 0.005
850874	< 0.005
850875	< 0.005
850876	< 0.005
850877	0.008
850878	0.010
850879	< 0.005
850880	0.013

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
850881	< 0.005
850882	< 0.005
850883	0.016
850884	1.537
850885	0.012
850886	< 0.005
850887	< 0.005
850888	0.024
850889	0.005
850890	0.006
850891	0.009
850892	0.014
850893	0.063
850894	0.010
850895	0.010
850896	< 0.005
850897	0.009
850898	< 0.005
850899	< 0.005
850900	0.045
850901	< 0.005
850902	0.007
850903	< 0.005
850904	< 0.005
850905	< 0.005
850906	0.005
850907	< 0.005
850908	< 0.005
850909	0.005
850910	0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 224 Meas	2.144
OREAS 224 Cert	2.15
OREAS 224 Meas	2.148
OREAS 224 Cert	2.15
OREAS 224 Meas	2.120
OREAS 224 Cert	2.15
Oreas 221 (Fire Assay) Meas	1.044
Oreas 221 (Fire Assay) Cert	1.06
Oreas 221 (Fire Assay) Meas	1.040
Oreas 221 (Fire Assay) Cert	1.06
Oreas 221 (Fire Assay) Meas	1.032
Oreas 221 (Fire Assay) Cert	1.06
850848 Orig	< 0.005
850848 Dup	< 0.005
850858 Orig	0.207
850858 Dup	0.213
850868 Orig	< 0.005
850868 Dup	< 0.005
850888 Split Orig PREP DUP	0.024
850888 Split PREP DUP	0.023
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005



Date Submitted: 05-Dec-18
Invoice No.: A18-18808
Invoice Date: 18-Dec-18
Your Reference: 261

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

58 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A18-18808**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized and somewhat cursive, written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
850973	0.007
850974	0.007
850975	0.016
850976	< 0.005
850977	0.005
850978	< 0.005
850979	0.006
850980	0.005
850981	0.006
850982	< 0.005
850983	0.005
850984	1.609
850985	0.006
850986	< 0.005
850987	0.014
850988	0.133
850989	0.015
850990	0.010
850991	0.005
850992	0.007
850993	0.005
850994	0.005
850995	0.012
850996	< 0.005
850997	0.006
850998	0.005
850999	0.005
851000	0.011
808207	0.005
808208	0.007
808209	0.012
808210	0.066
808211	0.006
808212	0.221
808213	0.007
808214	0.015
808215	0.016
808216	0.012
808217	0.005
808218	< 0.005
808219	< 0.005
808220	0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
808221	0.005
808222	0.008
808223	0.020
808224	0.005
808225	0.010
808226	< 0.005
808227	0.007
808228	0.008
808229	0.074
808230	0.028
808231	0.022
808232	0.011
808233	0.009
808234	0.007
808235	< 0.005
808236	0.456

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 224 (Fire Assay) Meas	2.182
OREAS 224 (Fire Assay) Cert	2.15
OREAS 224 Meas	2.213
OREAS 224 Cert	2.15
Oreas 221 (Fire Assay) Meas	1.042
Oreas 221 (Fire Assay) Cert	1.06
Oreas 221 (Fire Assay) Meas	1.028
Oreas 221 (Fire Assay) Cert	1.06
850982 Orig	< 0.005
850982 Dup	0.005
850992 Orig	0.007
850992 Dup	0.006
808208 Orig	0.007
808208 Dup	0.007
808223 Orig	0.020
808223 Dup	0.020
808228 Split Orig PREP DUP	0.008
808228 Split PREP DUP	0.010
808232 Orig	0.010
808232 Dup	0.012
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	0.005



Date Submitted: 05-Dec-18
Invoice No.: A18-18809
Invoice Date: 18-Dec-18
Your Reference: EH

IAMGOLD Corporation
2140 Regent Street Unit 10
Sudbury Ontario P3E 5S8
Canada

ATTN: Brian Tomczuk

CERTIFICATE OF ANALYSIS

62 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins (ppm) Au - Fire Assay AA

REPORT **A18-18809**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is stylized and somewhat cursive.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
850911	< 0.005
850912	0.222
850913	0.018
850914	0.005
850915	< 0.005
850916	0.008
850917	0.024
850918	0.005
850919	< 0.005
850920	< 0.005
850921	0.007
850922	0.006
850923	0.006
850924	< 0.005
850925	0.013
850926	0.158
850927	0.047
850928	0.018
850929	0.257
850930	0.093
850931	0.012
850932	0.010
850933	0.007
850934	0.007
850935	< 0.005
850936	0.472
850937	0.015
850938	0.011
850939	0.010
850940	0.025
850941	< 0.005
850942	< 0.005
850943	0.083
850944	0.043
850945	0.026
850946	0.025
850947	0.102
850948	< 0.005
850949	0.015
850950	0.019
850951	0.010
850952	0.026

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
850953	0.010
850954	0.011
850955	0.041
850956	< 0.005
850957	< 0.005
850958	0.006
850959	0.013
850960	2.172
850961	0.009
850962	0.015
850963	0.040
850964	0.021
850965	0.182
850966	0.642
850967	< 0.005
850968	0.021
850969	0.016
850970	0.035
850971	0.021
850972	< 0.005

Analyte Symbol	Au
Unit Symbol	ppm
Lower Limit	0.005
Method Code	FA-AA
OREAS 224 Meas	2.169
OREAS 224 Cert	2.15
OREAS 224 Meas	2.134
OREAS 224 Cert	2.15
Oreas 221 (Fire Assay) Meas	1.038
Oreas 221 (Fire Assay) Cert	1.06
Oreas 221 (Fire Assay) Meas	1.062
Oreas 221 (Fire Assay) Cert	1.06
850920 Orig	< 0.005
850920 Dup	< 0.005
850930 Orig	0.088
850930 Dup	0.097
850940 Orig	0.025
850940 Dup	0.025
850955 Orig	0.041
850961 Split Orig PREP DUP	0.009
850961 Split PREP DUP	0.009
850964 Orig	0.022
850964 Dup	0.020
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005
Method Blank	< 0.005

Drill Core QA/QC

QA/QC Results Charts- 2018 Elephant Head Drill Program

QA/QC Results - Blanks				
Lab: ActLabs Blank Code: BLKDIA Warning: 0.1 Au (ppm)				
		Total Samples	Passed	Failed
		8	8	0
Date	Certificate	Sample	Pass	Fail
21-11-2018	A18-18112	850848	<0.005	
21-11-2018	A18-18112	850872	<0.005	
21-11-2018	A18-18112	850896	<0.005	
05-12-2018	A18-18808	850996	<0.005	
05-12-2018	A18-18808	808224	0.005	
05-12-2018	A18-18809	850924	<0.005	
05-12-2018	A18-18809	850948	<0.005	
05-12-2018	A18-18809	850972	<0.005	
QA/QC Results - Standards				
Lab: ActLabs Standard: OREAS 504b Mean: 1.61 Au (ppm)				
Limits				
		2s	3s	
Upper		1.68	1.72	
Lower		1.53	1.5	
		Total Samples	Passed	Failed
		2	2	0
Date	Certificate	Sample	Pass	Fail
21-11-2018	A18-18112	850884	1.537	
05-12-2018	A18-18808	850984	1.609	
QA/QC Results - Standards				
Lab: ActLabs Standard: OREAS 501c Mean: 0.221 Au (ppm)				
Limits				
		2s	3s	
Upper		0.234	0.241	
Lower		0.208	0.202	
		Total Samples	Passed	Failed
		2	2	0
Date	Certificate	Sample	Pass	Fail
05-12-2018	A18-18809	850912	0.222	
05-12-2018	A18-18808	808212	0.221	

QA/QC Results Charts- 2018 Elephant Head Drill Program Cont.

QA/QC Results - Standards				
Lab: ActLabs Standard: OREAS 224 Mean: 2.154 Au (ppm)				
Limits				
		2s	3s	
Upper		2.259	2.311	
Lower		2.048	1.996	
		Total Samples	Passed	Failed
		2	2	0
Date	Certificate	Sample	Pass	Fail
21-11-2018	A18-18112	850860	2.15	
05-12-2018	A18-18809	850960	2.172	

QA/QC Results - Standards				
Lab: ActLabs Standard: OREAS 502c Mean: 0.488 Au (ppm)				
Limits				
		2s	3s	
Upper		0.517	0.532	
Lower		0.458	0.444	
		Total Samples	Passed	Failed
		2	2	0
Date	Certificate	Sample	Pass	Fail
05-12-2018	A18-18808	808236	0.456	
05-12-2018	A18-18809	850936	0.472	

Appendix G

Contractor and Assay Invoices

[Withheld for client confidentiality]

Appendix H

Distribution of Assessment Work by Claim Cell

Table H1: Distribution of the pole-dipole survey by claim

Claim No.	Type of Work	Percentage Worked	No. Stations/line	Amount
183830	Pole-dipole survey	5.06	4	\$ 342.58
319798	Pole-dipole survey	24.05	19	\$ 1,627.24
193651	Pole-dipole survey	5.06	4	\$ 342.58
317084	Pole-dipole survey	7.59	6	\$ 513.86
112675	Pole-dipole survey	36.71	29	\$ 2,483.68
185723	Pole-dipole survey	11.39	9	\$ 770.80
130420	Pole-dipole survey	10.13	8	\$ 685.15
		100.00	79	\$ 6,765.88

Pole-dipole Survey Costs	Amount
Dan Patrie cost	\$ 6,765.88
Total Cost	\$ 6,765.88

Table H2: Distribution of the diamond drill program by claim

Claim No.	Type of Work	Percentage Worked	No. holes/Claim	Amount
319798	Diamond drilling	33.33	1	\$ 41,797.03
112675	Diamond drilling	66.67	2	\$ 83,594.07
		100.00	3	\$ 125,391.10

Diamond Drilling Costs	Amount
Geologist	\$ 400.00
Junior geologist	\$ 6,200.00
Prospector	\$ 3,600.00
Geotechnician	\$ 3,000.00
Enterprise truck rental	\$ 3,396.17
NPLH drilling	\$ 100,661.97
Reflex orientation tools rental	\$ 4,514.69
Actlabs	\$ 3,618.27
Total Cost	\$ 125,391.10

Appendix I

Legend of Abbreviations

Table I1: List of abbreviations

Symbol Description

Scientific Abbreviations

km	Kilometre
m	Metres
cm	Centimetre
mm	Millometre
ft.	Feet
"	Inches
kg	Kilograms
lbs.	Pound
oz	Ounce
ppm	Parts per million
°F	Degrees Faranheit
°C	Degrees celsius
%	Percent
µV	Microvolt
mV	Millivolt
V	Volts
Vp	Input voltage
dB	Decibel
SP	SP Bucking
M	Chargeability
kΩ	Kilo-ohm
MΩ	Mega-ohm
Hz	Hertz
AC	Alternating current
KVA	Kilovolt-ampere
nT	Nano tesla
Ni-Cad	Nickel-Cadmium

Cross Section Abbreviations

LITHO	Lithology
OV	Overburden
10B	Granodiorite
10E	Quartz feldspar porphyry
10F	Granite dike
14	Diabase

Symbol Description

Drill Hole Log Abbreviations

CR	Cream
Elev.	Elevation
FA	Fire assay
GG	Grey-green
GRB	Grey-brown
GRBLK	Grey-black
GY	Grey
LGY	Light-grey
Mag. Fie.	Magnetic field
Maj.	Major
PI	Pink
STG	Stringer
W	Weak
WM	Weak-moderate

Other Abbreviations

<	Less than
≤	Less than or equal to
Corp.	Corporation
DDH	Diamond drill hole
g/t	Grams per ton
Ltd.	Limited
Ma	Millions years
NAD	North American Datum
No.	Number
NTS	National Topographic System
QA/QC	Quality assurance/quality control
UTM	Universal Tranverse Mercator

Appendix J

Exploration Permit

Exploration Permit/Permis d'exploration

Number/Numero : PR-17-11115

This permit is issued under the authority of section 78.3 of the *Mining Act* and the Exploration Plans and Exploration Permits Regulation (O. Reg. 308/12). It is subject to the provisions of the Act and regulation as well as the terms and conditions included in this permit.

Ce permis est émis conformément aux dispositions de section 78.3 de la *Loi sur les mines* et des règlements et est sujet aux restrictions et dispositions de ce lois et règlements ainsi qu'aux conditions ci-énoncées

Note: The issuance of this permit does not relieve the applicant from the responsibility of acquiring any other agency, board, government, etc. approval as may be required nor does it relieve the permittee from the requirements of any other legislation or guarantee access to the land.

Remarque: La délivrance d'un permis n'exonère pas le demandeur de l'obligation d'obtenir l'autorisation de tout autre organisme, commission, gouvernement, etc. qui pourrait être exigée, non plus qu'elle exempte le détenteur des dispositions des lois et elle ne garantit pas l'accès à la terre.

Project Details/ Détails sur le projet

Project Name/ Titre du projet
Elephant Head

Qualified Supervisor/Superviseur qualifié
Bradley McKinley

This Permit is issued to: Ce Permis est délivré a:

Name of Permittee/Nom du détenteur:

Canadian Gold Miner Corp.

Mailing Address/Adresse postale:

[Redacted]

To conduct an early exploration activities from/ Pour effectuer des activités d'exploration du (yyyy/mm/dd): 2017/07/12 to: 2020/07/12

On claim/lease/licence of occupation number(s)/Sur le numéro(s) du claim/bail/permis d'occupation:

as per your exploration permit application date/conformément à la demande de permis d'exploration en date du: May 25, 2017

OR

as per your *amended* exploration permit application date/conformément à la demande de permis d'exploration *modifier* en date du:

for the purpose of:

- Mechanized Drilling (assembled weight >150kg)/ Forage mécanisé (poids assemblé >150 kg)
- Mechanized Stripping (>100m² in 200m radius)/ Décapage mécanisé (> 100 m² dans un rayon de 200 m)
- Pitting and Trenching (>3m³ in 200m radius)/ Creusement de fosses et de tranchées (>3 m³ dans un rayon de 200 m)
- Line Cutting (>1.5m width)/ Découpage des quadrillages (<1,5 m de largeur)
- Other (Early exploration activities for which Director has required a permit)/Autre (Activités d'exploration préliminaires pour laquelle le Directeur a demandé un permis):

Subject to the following conditions:/Et sous les conditions suivantes:

1. The Permittee shall keep this permit or a true copy thereof on the permit area./Le détenteur conserver ce permis ou une copie conforme sur les lieux des travaux.
2. The person in charge of the operation conducted under this permit shall produce and show this permit or the true copy kept on the exploration permit area to any inspector whenever requested by the officer./Le responsable des travaux couverts par ce permis doit produire le permis ou sa copie conforme si un inspecteur lui demande.
3. The requirements outlined in Schedule 1 of Ontario Regulation 308/2012 and applicable Provincial Standards for Early Exploration/ Les exigences générales identifier à l'annexe 1 du Règlement de l'Ontario 308/2012 et les normes provinciale relatives à l'exploration préliminaire.
4. Other terms and conditions as listed on this permit./Autres termes et conditions énoncées sur ce permis.

Place of Issue/Émis à:

South Porcupine, ON

Issued by/Émis par:

Director of Exploration Northeast Region

Date of Issue/Date émis (yyyy/mm/dd, aaaa/mm/jj):

2017/07/12

Signature of Director/Signature du directeur:

Desmond O'Connor

Additional Terms and Conditions:

The proponent shall notify the Aboriginal Communities and the Ministry of Northern Development and Mines of the proponent's intention to commence or complete the permitted early exploration activities, as the case may be, no less than two weeks prior to start-up of the early exploration activities, and no less than one week prior to completion of the early exploration activities

The proponent shall provide the Aboriginal Communities and the Ministry of Northern Development and Mines their annual work plans no less than two weeks prior to start-up for the first year, and then on the anniversary of the Exploration Permit issuance date for subsequent years.

Autre termes et conditions: