

To accompany Ladner Creek Project Assessment Report by J.T. Shearer (June 1, 1996)

**APPENDIX II**

**DIAMOND DRILL LOGS**

**Athabaska Gold Resources Ltd. - Ladner Creek Project**  
**Underground Diamond Drill Hole Program 1995/96**

DDH	Azimuth	Dip	Elev (m)	Lat.	Dep.	length
587-42	90	30	891.50	10587.50	10535.00	70.10
587-43	90	6	890.00	10587.50	10535.50	85.34
587-44	90	-12	888.80	10587.50	10535.00	106.68
587-45	90	-45	888.00	10587.50	10535.50	99.06
688-47	90	-56	893.80	10687.50	10538.20	36.58
688-48	90	-76	893.80	10687.50	10538.20	36.53
688-49	270	-54	893.80	10687.50	10538.20	39.62
LD750-1	90	90	899.00	10750.00	10477.00	91.44
750-20	89.68	8	820.01	10750.04	10456.53	99.06
750-21	90.53	-2	820.30	10750.04	10456.80	111.25
LD766-1	90	11	875.00	10766.00	10512.00	24.38
LD766-2	90	-11	873.00	10766.00	10512.00	30.48
LD766-3	270	40	873.00	10766.00	10512.00	98.32
LD766-4	270	-10	900.00	10766.00	10473.00	60.96
LD766-5	270	-41	897.00	10766.00	10473.00	91.44
LD766-6	90	50	900.00	10766.00	10436.00	15.24
785-46	90	80	902.50	10785.00	10474.00	60.96
785-24	89.95	-45	819.00	10785.66	10457.15	166.12
785-22	89.7	0	820.70	10785.67	10457.08	91.44
785-23	89.95	-20	820.54	10785.69	10457.15	102.80
820-27	92	-24	819.86	10819.45	10459.96	96.01
820-25	91.78	-9.5	820.31	10819.45	10459.98	91.44
820-26	91.73	5	820.71	10819.47	10459.99	91.44
820-50	90	77	903.00	10820.00	10466.00	39.62
852-41	90	-55	818.60	10852.00	10473.00	70.02
852-51	90	31	905.00	10852.00	10460.00	64.01
852-29	91.24	-37	820.07	10852.11	10472.93	91.14
852-28	90.1	-21	820.46	10852.13	10472.99	80.77
852-30	89.77	-4.5	820.81	10852.16	10473.01	67.06
LD867-1	270	-30	873.00	10867.00	10480.00	36.58
LD867-2	270	0	874.00	10867.00	10480.20	21.34
LD867-3	270	60	875.00	10867.00	10481.00	21.30
LD867-4	270	-90	873.00	10867.00	10481.50	15.24
LD867-5	90	70	875.00	10867.00	10480.00	18.29
LD867-6	90	-41	875.00	10867.00	10482.00	20.73
LD867-7	90	0	874.80	10867.00	10482.80	5.49
LD883-1	270	-20	875.00	10883.00	10480.00	18.29
LD883-2	270	-45	874.00	10883.00	10480.00	28.96
LD883-3	270	20	875.00	10883.00	10480.00	22.86
LD883-4	270	-90	874.00	10883.00	10482.00	30.48
883-33	96.12	-45	819.87	10883.57	10491.05	91.44
883-34	95.1	-60	819.60	10883.59	10490.73	91.44
883-31	95.73	-4.5	820.98	10883.60	10491.10	32.00
883-32	95.5	-25	820.53	10883.61	10491.04	45.72
LD895-1	270	-60	874.00	10895.00	10481.00	30.48
LD895-2	270	-30	874.00	10895.00	10481.00	18.29
LD895-3	270	0	875.00	10895.00	10481.00	18.29
LD895-4	270	20	875.00	10895.00	10481.00	18.29

**Athabaska Gold Resources Ltd. - Ladner Creek Project**  
**Underground Diamond Drill Hole Program 1995/96**

DDH	Azimuth	Dip	Elev (m)	Lat.	Dep.	length
LD912-1	90	25	876.00	10907.50	10496.00	23.16
LD912-2	90	-15	875.00	10907.50	10496.00	24.38
LD912-3	90	-45	875.00	10907.50	10496.00	9.45
LD912-5	90	-90	875.00	10908.00	10494.00	30.48
LD912-4	90	50	875.00	10912.50	10494.00	22.86
920-39	90	12	821.00	10920.00	10467.80	54.86
920-40	90	-31	820.60	10920.00	10467.80	60.05
920-38	85.5	-90	819.90	10920.30	10466.90	54.86
920-37	85.5	-75	819.87	10920.33	10467.40	91.44
920-36	85.5	-60	819.95	10920.36	10467.80	85.34
920-35	85.55	-9.5	821.01	10920.38	10467.89	50.29
LD934-1	270	20	877.00	10934.00	10505.00	30.48
LD934-2	270	-10	875.00	10934.00	10505.00	30.48
LD934-3	270	-50	875.00	10934.00	10505.00	35.05
LD934-4	270	-30	875.00	10934.00	10505.00	138.99
LD966-1	270	-20	878.50	10966.00	10511.00	30.48
LD966-2	270	0	878.00	10966.00	10511.00	30.48
LD966-3	270	20	878.50	10966.00	10511.00	24.38
11000-1	90	-38	877.00	11000.00	10515.00	30.18
11000-2	90	-68	877.00	11000.00	10513.50	74.68
11000-52	90	-10	879.20	11000.00	10515.00	89.92
11000-53	90	18	879.50	11000.00	10515.00	80.77
11000-54	90	-31	879.00	11000.00	10515.00	89.92
11000-55	90	-90	878.00	11000.00	10512.00	104.85
11000-56	270	-38	878.00	11000.00	10509.50	156.97
11000-57	270	16	879.00	11000.00	10509.50	120.40
11000-71	270	-28	879.00	11000.00	10509.50	278.09
11050-1	90	30	880.00	11050.00	10518.00	97.50
11050-2	90	-8	879.00	11050.00	10518.00	94.49
11050-3	90	-41	878.00	11050.00	10518.00	91.44
11050-4	90	-90	878.00	11050.00	10516.00	121.92
11050-58	90	12	880.50	11050.00	10518.00	96.01
11050-59	270	-47	878.00	11050.00	10514.00	198.12
11050-60	270	-34	878.00	11050.00	10514.00	216.41
11050-63	270	-43	878.00	11050.00	10514.00	196.60
11100-61	270	-43	878.50	11096.00	10516.00	222.50
11100-62	270	-52	878.50	11096.00	10516.00	217.93
11100-64	90	-90	878.50	11096.00	10518.00	103.63
11100-65	90	-53	878.50	11096.00	10520.00	103.63
11100-66	90	-23	878.50	11096.00	10520.00	109.73
11100-67	90	0	880.00	11096.00	10520.00	106.68
11100-68	90	68	881.00	11096.00	10516.00	120.40
11100-69	270	60	880.00	11096.00	10516.00	137.16
11100-70	90	90	884.00	11100.00	10516.00	125.58

7007.84

**ROCK TYPE**

**ALTERATION/TEXTURES**

9 OVERBURDEN/CASING

- 1 No core recovered
- 2 Overburden

8 LATE DYKES

- 1 Feldspar Porphyry
- 2 Quartz-Eye Porphyry

- 0 No Distinctive Alteration
- 1 Quartz - Albite - Carbonate
- 2 Chlorite
- 3 Carbonate
- 4 Silica
- 5 Sericite
- 6 Graphite

7 SERPENTINITE

- 1 Serpentine
- 2 Gabbro
- 3 Diorite
- 4 Andesite
- 5 White rock
- 6 Talc Schist
- 7 Listwanite

- 7 Mylonitic
- 8 Foliated/Schistose
- 9 Brecciated

6 LADNER GROUP

- 1 Argillite
- 2 Silty Argillite
- 3 Greywacke
- 4 Lithicwacke
- 5 Conglomerate with Argillitic Matix
- 6 Pebble Conglomerate
- 7 Boulder Conglomerate
- 8 Siltstone
- 9 Turbidite

**CODING**

- Three number code
- MAIN HEADING, ROCK TYPE, ALTERATION/TEXTURE
- Eg. 632 Green-Grey Coarse Choritic Greywacke
- Eg. 747 Mylonitic Andesite
- Eg. 427 Mylonitic Andesite

**ZONE MATERIAL**

- 1 Mineralization < 3% Pyrite, < 1% Pyrrhotite
- 2 Mineralization 3-10% Pyrite, < 2% Pyrrhotite
- 3 Mineralization < 3% Pyrrhotite, < 1% Pyrite
- 4 Mineralization 3-10% Pyrrhotite, < 2% Pyrite
- 5 Mineralization > 10% Combined Pyrite-Pyrrhotite
- 6 Mineralization < 10% Combined Pyrite-Pyrrhotite
- 7 Mineralization < 5% Arsenopyrite with lesser Pyrite-Pyrrhotite
- 8 Mineralization > 5% Arsenopyrite with lesser Pyrite-Pyrrhotite

4 SPIDER PEAK FORMATION

- 1 Diabase
- 2 Andesite
- 3 Tuff
- 4 Lithic Tuff
- 5 Diorite
- 6 Pillow Basalt
- 7 Amygdaloidal Andesite

3 HOZAMBEEN GROUP

- 1 Chert
- 2 Ribbon Chert
- 3 Argillite
- 4 Basalt

2 FAULTS

- 1 > 50% Gouge
- 2 25-50% Gouge
- 3 10-25% Gouge
- 4 < 10% Gouge
- 5 Brittle Fault - Brecciated
- 6 Slickenside
- 7 Shear zone

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 2

DDH #: 587-42

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
24.93	44.59	691 TURBIDITE Coarse sequence lithicwacke dominates in first 10 m. slightly altered Qz+carb-albite. Zone weak sulphides. broken core sequence 28.2 bedding 50 deg to CA 30.54-30.73 slightly brecciated Qz+carb sequence 33.00-33.30 fault brittle 33.75-33.80 fault <10% gouge, 75 deg to CA fractured with "limonite" on fracture plane. 34.85-35.05 fault brittle 42.88-42.94 breccia vein Qz+ carb+chl. 70 deg to CA 44.51-44.59 subhorizontal vein Qz+carb+chlorite				
44.59	45.78	632 CHLORITIC GREYWACKE dark green				
45.78	47.96	541 ZONE MATERIAL <3% pyrro, <19 pyr. quartz albite carb. alteration brecciated, chalcoppyrite.				
		46.00 47.00	26389	1.00	0.048	1.64
		47.00 48.00	26390	1.00	0.035	1.19
47.96	62.00	632 CHLORITIC GREYWACKE 48.83-48.97 breccia vein Qz+carb+chl. perpend. to CA 50.17-50.21 breccia vein mylonitic perpend. to CA 52.00-52.02 mylonitic breccia vein Qz+carb perpend. to CA 52.30-52.37 breccia vein Qz+carb perpend. to CA 54.90-55.04 breccia vein Qz+Carb subperpend to CA 57.23-57.28 breccia vein Qz+carb subperpend to CA 59.74-59.40 breccia vein Qz+carb subperpend to CA				
		48.00 49.00	26391	1.00	0.014	0.48
62.00	64.14	551 ZONE MATERIAL Qtz+Carb+Alb+Chl alteration, brecciated. >10% pyrro. + pyr occur locally				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 3

DDH #: 587-42

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		61.00 62.00	26392	1.00	0.004	0.14
		62.00 63.00	26393	1.00	0.080	2.75
		63.00 64.00	26394	1.00	0.017	0.59
		64.00 65.00	26395	1.00	0.005	0.18
64.14	67.50	610 ARGILLITE Black slaty cleavage, broken core, locally silty. veinlets Qz+Carb.				
67.50	67.60	216 FAULT 50% gouge graphitic subperpend. to CA				
67.60	70.10	610 ARGILLITE 70.10 m depth (230') EOH				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 587N

Diamond Drill Log

DDH #: 587-43

Northing: 10587.50
Easting: 10517.70
Elevation: 890.00
Azimuth: 90
Inclination: 6
Grid: MINE
Length (m): 85.34
Core size: BQTK
Contractor: CONNORS
Drill type: ELECTRIC BOYLES

Drill Hole Survey
Method: DEGREE RULE
Table with columns: Azimuth, Dip, Depth. Row 1: 90, 6, 0

Property: LADNER CREEK
NTS: 92H/11W
Claim: IDAHO
Date started: NOV 14/95
Date completed: NOV 15/95
Logged by: JFP

Purpose: TO INVESTIGATE ZONE #2 EXTENSION

Table with columns: from (m), to (m), Description, sample No., width (m), Au (oz/t), Au (g/t). Rows include: 0.00-0.80 640 COARSE LITHICWACKE; 0.80-16.00 640 LITHICWACKE (coarse to fine sequence...); 15.00-16.00 sample 26396; 16.00-18.66 541 ZONE MATERIAL (In Lithicwacke, Qtz+carb+chl alteration...); 16.00-17.00 sample 26397; 17.00-18.00 sample 26398; 18.00-19.50 sample 26399.



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 2

DDH #: 587-43

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
18.66	32.00	632 CHLORITIC GREYWACKE Homogeneous with Qz+carb vein 2-4 cm wide subperpend. to CA 24.38-24.42 fault brittle 31.15-31.30 vein qz+carb. subperpendic. to CA with small amount of arsenopyr. in the borders. <3% pyrr <1% py 33.78-34.00 vein qz+carb+chl. brecciated mineralized with pyrro pyro + arseno. <3% pyrr. <1% py. 34.31- 34.61 large vein qz+carb brecciated mineralized with pyrr. pyr. arseno, chalco. >3% pyrr <1% py. 34.80-35.00 vein Qz+carb+chl. mineralized with >3% pyrr >1% py arseno + chalco.				
	19.50	21.00	26400	1.50	0.008	0.28
	21.00	22.50	26401	1.50	0.058	1.99
	22.50	24.00	26402	1.50	0.001	0.03
	24.00	26.00	26403	2.00	0.001	0.01
	26.00	27.50	26404	1.50	0.001	0.02
	27.50	29.00	26405	1.50	0.001	0.02
	29.00	30.50	26406	1.50	0.001	0.02
	30.50	32.00	26407	1.50	0.011	0.39
32.00	36.42	541 ZONE MATERIAL In G.W. >3% Po., >1% py As + Cpy in intensively brecciated zone. alt albite +qz+carb+ chl.				
	32.00	33.00	26408	1.00	0.028	0.97
	33.00	34.00	26409	1.00	0.039	1.34
	34.00	35.00	26410	1.00	0.011	0.39
	35.00	36.00	26411	1.00	0.069	2.37
	36.00	37.00	26412	1.00	0.074	2.54
36.42	38.10	632 CHLORITIC GREYWACKE 37.00 38.00	26413	1.00	0.004	0.15
38.10	38.15	250 BRITTLE FAULT				
38.15	41.66	632 CHLORITIC GREYWACKE 30.28 breccia vein qz+carb+chl. 75 deg to CA  39.64-39.66 vein qz+carb+chl. sulphides  41.10-41.12 breccia vein				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 3

DDH #: 587-43

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
	38.00	39.00	26414	1.00	0.004	0.13
	39.00	40.50	26415	1.50	0.003	0.11
	40.50	42.00	26416	1.50	0.004	0.14
41.66	41.82	250 FAULT brittle, slickenside				
41.82	42.37	632 CHLORITIC GREYWACKE				
42.37	42.44	230 FAULT 10-25% gouge 45 deg to CA shear zone.				
42.44	53.34	250 FAULT, BRECCIA ZONE WITH VEINING				
	42.00	43.00	26417	1.00	0.009	0.32
		42.89-43.00 breccia vein, mylonitic 45 deg to CA				
		43.60-43.63 breccia mylonitic qz+carb 45 deg to CA				
		44.02-44.04 vein qz+carb 45 deg to CA				
		44.25-44.27 breccia vein mylonitic				
		48.76-48.77 breccia vein				
		52.39-52.41 breccia very mylonitic qz+carb+chl. 45 deg to CA slickenside				
	45.00	46.00	26418	1.00	0.001	0.03
	46.00	47.50	26419	1.50	0.053	1.81
	47.50	49.00	26420	1.50	0.066	2.26
	49.00	50.50	26421	1.50	0.007	0.24
	50.50	52.00	26422	1.50	0.008	0.29
	52.00	53.00	26423	1.00	0.001	0.02
		53.10-53.34 Fault				
53.34	57.54	531 ZONE MATERIAL albite + qz+carb+chl. alt, brecciated. mineralization <3% pyrrhotite <1% pyrite, arsenopyrite, chalcopyrite				
	53.00	54.00	26424	1.00	0.097	3.32
	54.00	55.00	26425	1.00	0.069	2.36

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 4

DDH #: 587-43

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		55.00 56.00	26426	1.00	0.032	1.10
		56.00 57.00	26427	1.00	0.075	2.58
		57.00 58.00	26428	1.00	0.019	0.63
57.54	64.66	632 CHLORITIC GREYWACKE darker sequence, brecciated slightly 60.64-60.67 breccia, mylonitic + fault <10% gouge 62.40-63.21 breccia vein qz+carb sx (po. py) present.				
		58.00 59.00	26429	1.00	0.054	1.86
		59.00 60.50	26430	1.50	0.005	0.16
		60.50 62.00	26431	1.50	0.034	1.16
		62.00 63.50	26432	1.50	0.053	1.81
64.66	68.97	640 LITHICWACKE coarse, poorly bedded, deformed elongated fragments				
		63.50 65.00	26433	1.50	0.018	0.63
		65.00 66.50	26434	1.50	0.005	0.17
		66.50 68.00	26435	1.50	0.002	0.08
		68.00 69.50	26436	1.50	0.007	0.24
68.97	69.03	269 FAULT breccia vein mylonitic 70% to CA slickenside Qz+carb+chl				
69.03	70.80	632 CHLORITIC GREYWACKE brecciated				
		69.50 70.50	26437	1.00	0.003	0.11
70.80	70.89	534 SILICIFIED ZONE MATERIAL with veinlets of chalcopyrite-pyrrhotite-pyrite <3% visible gold at 74.48, 0.1 mm grain contained in small sheared Qz+carb+chl. vein 70 deg to CA				
70.89	75.06	632 CHLORITIC GREYWACKE 74.68-75.06 contact w/argillite large qz+carb+chl. breccia vein. 71.37-71.53 breccia qz_carb+chl				
		70.50 71.50	26438	1.00	0.038	1.30
		71.50 73.00	26439	1.50	0.009	0.31
		73.00 74.50 VG	26440	1.50	0.006	0.21
		74.50 76.00	26441	1.50	0.023	0.80
75.06	76.10	616 ARGILLITE				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 5

DDH #: 587-43

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
76.10	77.13	216 GRAPHITIC FAULT >50% gouge. subperpe. to CA 80.30-80.70 large vein qz+carb, breccia no sulphides observed.				
77.13	85.34	616 ARGILLITE locally silty, highly faulted near contact. small narrow echelon veinlets. 79.25 bedding 50 deg >to CA 83.83 bedding 50 deg >to CA  EOH				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 2

DDH #: 587-44

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
20.04	24.38	531 ZONE MATERIAL Albite+qz+carb+chl alteration = weakly mineralized <3% pyrr., <1% pyr, arsenopyrite present, chalcopyrite				
	20.00	21.00	26444	1.00	0.092	3.16
	21.00	22.00	26445	1.00	0.012	0.43
	22.00	23.00	26446	1.00	0.004	0.13
	23.00	24.00	26447	1.00	0.014	0.49
	24.00	25.00	26448	1.00	0.001	0.02
	21.34-21.52 breccia vein, mylonitic, qz+carb+chl. with sulphides, 40 deg to CA.					
	24.34-32.00 fault brittle broken core.					
24.38	31.32	632 CHLORITIC GREYWACKE Brecciated faulted sequence, jigsaw breccia => chloritic matrix. 28.70-28.71 breccia vein, fault slickenside				
	30.00	31.00	26449	1.00	0.026	0.91
31.32	57.06	531 ZONE MATERIAL Weak alteration alb+qz+carb+chl. brecciated, vein qz+carb 1 cm to 40 cm. mineralization <3% pyrrhotite <1% pyrite with content locally (up to 8-15%) arsenopyrite - chalcopyrite				
	31.00	32.00	26450	1.00	0.047	1.61
	32.00	33.00	26451	1.00	0.045	1.54
	33.00	34.00	26452	1.00	0.009	0.29
	34.00	35.00	26453	1.00	0.004	0.15
	35.00	36.50	26454	1.50	0.004	0.15
	36.50	37.50	26455	1.00	0.002	0.08
	37.50	38.50	26456	1.00	0.008	0.28
	38.50	39.50	26457	1.00	0.014	0.50
	39.50	40.50	26458	1.00	0.013	0.45
	40.50	41.50	26459	1.00	0.047	1.61
	41.50	42.50	26460	1.00	0.014	0.50
	42.50	43.50	26461	1.00	0.020	0.70
	43.50	44.50	26462	1.00	0.003	0.12

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 3

DDH #: 587-44

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
	44.50	45.50	26463	1.00	0.006	0.22
	45.50	46.50	26464	1.00	0.043	1.47
	46.50	47.50	26465	1.00	0.109	3.75
	47.50	48.50	26466	1.00	0.074	2.54
	48.50	49.50	26467	1.00	0.034	1.16
	49.50	50.50	26468	1.00	0.154	5.28
	50.50	51.50	26469	1.00	0.106	3.63
	51.50	52.50	26470	1.00	0.057	1.97
	52.50	53.50	26471	1.00	0.058	1.99
	53.50	54.50	26472	1.00	0.042	1.44
	54.50	55.50	26473	1.00	0.051	1.75
	55.50	56.50	26474	1.00	0.062	2.12
	56.50	57.50	26475	1.00	0.011	0.37
57.06	64.62	641 COARSE LITHICWACKE Poorly bedded , poorly sorted. weakly mineralized near contact with GW. 63.85-63.90 breccia vein qz+carb+chl. perpend. to CA				
	57.50	58.50	26476	1.00	0.027	0.93
	58.50	59.50	26477	1.00	0.009	0.31
	59.50	60.50	26478	1.00	0.024	0.83
	60.50	61.50	26479	1.00	0.022	0.76
	61.50	62.50	26480	1.00	0.011	0.36
	62.50	64.00	26481	1.50	0.004	0.15
64.62	88.70	610 ARGILLITE Silty with euhedral Py 1 mm in diameter +carb veinlets. 45 deg to CA average, bedding thin and locally disrupted. 64.62-65.24 fault slickenside 65.53-67.44 fault broken core brittle 68.18-68.33 fault brittle veining zone 74.64-74.66 fault <10% gouge 50 deg to CA vein Qz+carb.				
88.70	94.56	650 CONGLOMERATIC ARGILLITE Boulders in black silty matrix, clasts are chert-volc-LW. Strongly veined. faulted sequence with altered silicified section. Some graphitic faulting. 89.40-89.43 breccia vein 60 deg to CA 89.66-89.68 breccia vein 60 deg to CA 89.92-90 fault slickenside graphitic				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 4

DDH #: 587-44

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		90.25-92.80 alteration, silicified zone breccia with sulphides <10% Po + Py				
89.00	90.00		26482	1.00	0.002	0.07
90.00	91.00		26483	1.00	0.012	0.40
91.00	92.00		26484	1.00	0.007	0.23
92.00	93.00		26485	1.00	0.012	0.42
93.00	94.00		26486	1.00	0.003	0.10
		91.40-92.40 fault brittle				
		94.52-94.56 breccia vein fault slickensides 50 deg to CA				
94.56	106.68	610 ARGILLITE Faulted sequence, slaty				
		95.95-96.01 fault brittle				
		100.50-100.58 fault brittle				
		102.40-103.20 fault 10-25% gouge, breccia qz+carb.				
		EOH				





**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 587N

**Diamond Drill Log**

**DDH #:** 587-45

Northing: 10587.50  
 Easting: 10517.70  
 Elevation: 888.00  
 Azimuth: 90  
 Inclination: -45  
 Grid: MINE  
 Length (m): 99.06  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLES

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
90	-45	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: NOV 16/95  
 Date completed: NOV 17/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE ZONE #3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	5.92	642 LITHICWACKE  Poorly bedded, disrupted with argillic fragments, mostly fine grained. Jigsaw breccia chlorite matrix broken core in sections. 3.50 fault brittle subparallel to CA 4.15-4.43 breccia qz+carb+chl. "implosion" breccia open cavities.				
5.92	17.10	640 CONGLOMERATIC LITHICWACKE  1 cm diameter clast rip up clasts. 11.10-12.50 breccia quartz+carb+chlorite 12.50-15.07 fault <10% gouge // to CA. 17.10-17.60 large quartz+carb vein contact with volcanics.				
17.10	21.50	429 AMYGDROIDAL ANDESITE Locally brecciated				
21.50	38.40	422 ANDESITE  Homogeneous, slightly brecciated with veinlets of quartz+carbonate, chloritic faulted sequence.				
38.40	38.84	262 FAULT  Slickensides, chlorite fault plane. Subparallel to CA (<5° ) 44.06-44.89 breccia vein qz+carb+chl.				
38.84	45.50	422 CHLORITIC ANDESITE				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 587N

Page: 2

DDH #: 587-45

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
45.50	45.60	250 FAULT Brittle				
45.60	49.10	422 ANDESITE Chloritic. brecciated 45.80-46.10 breccia vein qz+carb+chl. sub// to CA 48.39-48.62 breccia vein qz+carb+chl sub// to CA				
49.10	50.29	250 FAULT Brittle subparallel to CA				
50.29	54.80	422 ANDESITE Chloritic				
54.80	54.86	250 FAULT Brittle				
54.86	57.20	422 ANDESITE Chloritic				
57.20	63.00	531 ZONE MATERIAL Altered, bleached quartz+carb+chl. Disseminated pyrrhotite <3%, <1% pyrite. arsenopyrite.				
	57.00	58.00	26487	1.00	0.001	0.03
	58.00	59.00	26488	1.00	0.005	0.17
	59.00	60.00	26489	1.00	0.006	0.22
	60.00	61.00	26490	1.00	0.018	0.62
	61.00	62.00	26491	1.00	0.012	0.42
	62.00	63.00	26492	1.00	0.009	0.30
63.00	79.23	610 ARGILLITE Black, silty thin bedded. bedding subperpendicular to CA. veinlets qz+carb. 67.04-68.12 breccia vein qz+carb				
	63.00	64.50	26493	1.50	0.001	0.03
79.23	99.06	650 CONGLOMERATIC ARGILLITE Clasts in black argillite matrix. well rounded, volcanic, chert. siltstone composition. bedding 50 deg to CA 88.80-89.40 fault. brittle, graphite.				
		EOH				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 688N

Page: 2

DDH #: 688-47

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
28.00	29.50	Greywacke	26528	1.50	0.039	1.35
29.50	31.00	Greywacke	26529	1.50	0.005	0.19
29.00	36.20	632 CHLORITIC GREYWACKE				
36.20	36.26	260 FAULT SLICKENSIDE 15 deg to CA				

EOH



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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 688N

Page: 2

DDH #: 688-48

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
22.96	23.29	511 ZONE MATERIAL Large breccia vein qz + carb marking contact with turbidite and greywacke. alteration Alb + Carb+Quartz weakly mineralized <3% pyrrhotite. <1% pyrite				
	22.50	23.50	26538	1.00	0.020	0.69
	23.50	24.50	26539	1.00	0.001	0.02
	24.50	25.50	26540	1.00	0.001	0.01
	25.50	26.50	26541	1.00	0.002	0.08
23.29	36.53	639 BRECCIATED CHLORITIC GREYWACKE Fractured, sheared core locally. Veining 70 deg to CA 31.77-31.90 implosion breccia, carbonate rich open fractures, well formed quartz and carbonate crystals. fragments angular 0.4 cm diameter				
		EOH				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 688N

**Diamond Drill Log**

**DDH #:** 688-49

Northing: 10687.50  
 Easting: 10534.20  
 Elevation: 893.80  
 Azimuth: 270  
 Inclination: -54  
 Grid: MINE  
 Length (m): 39.62  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLES

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-54	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: NOV 20/95  
 Date completed: NOV 21/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE WEST EXTENSION #3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.00	642 COARSE LITHICWACKE Mixed cycles, chloritic, Greenish color.				
		3.00 4.00	26542	1.00	0.005	0.16
4.00	9.14	511 WEAK ZONE MATERIAL In LW brecciated mineralization <3% Po,<1%Py				
		4.00 5.00 breccia & sulphides	26543	1.00	0.003	0.10
		5.00 6.00 breccia & sulphides	26544	1.00	0.001	0.05
		6.00 7.00 breccia & sulphides	26545	1.00	0.011	0.38
		7.00 8.00 lithicwacke	26546	1.00	0.002	0.05
9.14	10.12	640 LITHICWACKE Fine graded				
10.12	10.30	250 BRITTLE FAULT				
10.30	12.24	640 LITHICWACKE				
12.24	12.50	250 BRITTLE FAULT				
12.50	14.12	640 LITHICWACKE				
14.12	14.46	249 FAULT <10% gouge, brecciated. 14.64-14.66 breccia vein, sheared zone, no sulphides.				
14.46	16.76	640 LITHICWACKE fine grained				
16.76	21.88	690 TURBIDITE poorly bedded, disrupted, abundant veinlets				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 688N

Page: 2

DDH #: 688-49

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		20.04 bedding 70 deg to CA 38.10 bedding 10 deg to CA				
21.88	21.91	259 SHEAR ZONE shear breccia vein fault 70 to CA				
21.91	22.24	690 TURBIDITE				
22.24	22.28	259 SHEAR ZONE Shear, breccia vein, fault 70 deg to CA				
22.28	23.30	690 TURBIDITE				
		22.00 23.03	26547	1.03	0.002	0.05
23.30	24.10	519 WEAK ZONE MATERIAL Brecciated, qz+carb vein, chloritic, mineralized <1% pyrr + pyr. arseno + chalco present.				
		23.03 24.08	26548	1.05	0.002	0.06
		24.08 25.00	26549	0.92	0.008	0.28
24.10	39.62	690 TURBIDITE Brecciated thin bedded, disrupted 29.50-29.85 breccia vein 60 deg to CA 35.60-35.90 breccia vein quartz+carb+chl. EOH				





ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 750N

Page: 2

DDH #: LD750-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
48.64	62.48	422 CHLORITIC ANDESITE - siltstone-andesite fault-contact is represented by narrow (2-3mm) chloritic fault-slip ~ 45deg. to CA - between 50.20-59.00 more dioritic appearance with coarse grain texture.				
		52.82 53.82	152123	1.00	0.004	0.15
		53.52 54.82	152124	1.30	0.011	0.38
		54.82 55.82	152125	1.00	0.001	0.01
62.48	62.68	242 FAULT - chloritic fault gouge-shear @ 45 deg. to CA, also fractured and badly broken core				
62.68	71.63	422 CHLORITIC ANDESITE - basically unmineralized with minor (< 1%) pyrrhotite and minor stringers albite/qtz and coarser calcite				
71.63	71.95	218 FAULT chloritic gouge > 50%				
71.95	91.44	422 CHLORITIC ANDESITE - aphanitic to microdioritic, between 76.20-76.80 fault fracture parallel to CA, also cleavage parallel to CA, from 77.00 through to 83.80 core is badly broken and fractured.				
		71.95 72.95 irregular qtz veining	152126	1.00	0.001	0.01
		72.95 73.95 with minor dissemin. Py + Po (< 22%)	152127	1.00	0.001	0.03
		73.95 74.95	152128	1.00	0.001	0.04

END OF HOLE @ 91.44 meteres (300 ft)



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 750N

**Diamond Drill Log**

**DDH #:** 750-20

Northing: 10750.04  
 Easting: 10456.53  
 Elevation: 820.01  
 Azimuth: 89.68  
 Inclination: 8  
 Grid: MINE  
 Length (m): 99.06  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLES

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	8	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 9/95  
 Date completed: OCT 10/95  
 Logged by: JTS

**Purpose:** TO INVESTIGATE SOUTH END OF 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.52	680 SILTSTONE				
1.52	3.46	630 GREYWACKE				
3.46	14.04	680 SILTSTONE Quartz veining at 30 to C.A.				
14.04	17.30	531 ZONE MATERIAL (ALTERED SILTSTONE) Variably altered, some sections weakly				
		14.04 14.8 quartz veining-breccia -1% Py	26001	0.76	0.016	0.55
17.30	19.11	640 FINE LITHICWACKE				
19.11	20.89	630 SILTSTONE-GREYWACKE				
20.89	23.87	640 LITHICWACKE				
23.87	25.32	680 SILTSTONE				
25.32	47.58	690 TURBIDITE				
		lithicwacke intervals (Lower cycle) 30.98-32.57				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 750N

Page: 2

DDH #: 750-20

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
47.58	48.77	250 FAULT ZONE: rehealed, pyrite + Po				
	47.58	49.00	26002	1.42	0.001	0.03
	49.00	50.00	26003	1.00	0.002	0.07
48.77	57.47	531 ZONE MATERIAL (Altered Siltstone): dark				
	50.00	51.00	26004	1.00	0.035	1.20
	51.00	52.00	26005	1.00	0.004	0.14
	52.00	53.00	26006	1.00	0.007	0.24
	53.00	54.00	26007	1.00	0.004	0.14
	54.00	55.00	26008	1.00	0.005	0.17
	55.00	56.00	26009	1.00	0.002	0.07
57.47	63.05	531 ZONE MATERIAL (Altered Greywacke)				
	56.00	57.00	26010	1.00	0.007	0.24
	57.00	58.00	26011	1.00	0.002	0.07
	58.00	59.00	26012	1.00	0.009	0.31
	59.00	60.00	26013	1.00	0.001	0.03
	60.00	61.00	26014	1.00	0.005	0.17
	61.00	63.05	26015	2.05	0.007	0.24
63.05	65.90	531 ZONE MATERIAL				
	63.05	64.00	26016	0.95	0.070	2.40
	64.00	65.53	26017	1.53	0.100	3.43
	65.53	66.50	26018	0.97	0.114	3.91
	66.50	67.50	26019	1.00	0.037	1.27
65.90	72.86	632 CHLORITIC GREYWACKE				
		Some sulphides and qtz-albite veining but weak overall alteration.				
	67.50	68.50	26020	1.00	0.002	0.07
	68.50	70.00	26021	1.50	0.008	0.27
	70.00	71.50	26022	1.50	0.001	0.03
	71.50	72.86	26023	1.36	0.018	0.62
72.86	78.13	561 ZONE MATERIALS (Qtz-Alb-Carb)				
		Heavy sulphides				
	72.86	74.00	26024	1.14	0.031	1.06
	74.00	75.00	26025	1.00	0.032	1.10
	75.00	76.00	26026	1.00	0.073	2.50
	76.00	77.00	26027	1.00	0.072	2.47
	77.00	78.13	26028	1.13	0.009	0.31

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 750N

Page: 3

DDH #: 750-20

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
78.13	88.39	632 CHLORITIC GREYWACKE				
	78.13	79.50	26029	1.37	0.007	0.24
	79.50	81.00	26030	1.50	0.017	0.58
	81.00	82.50	26031	1.50	0.001	0.03
	82.50	84.00	26032	1.50	0.004	0.14
	84.00	85.50	26033	1.50	0.017	0.58
	85.50	87.00	26034	1.50	0.003	0.10
	87.00	88.50	26035	1.50	0.001	0.03
88.39	96.46	630 GREYWACKE (Part of TURBIDITE) Some short lithicwacke sections				
96.46	99.06	650 CONGLOMERATIC ARGILLITE Black, f.g. angular clasts mixed with short lithicwacke sections and black argillite sections - which may be large fragments or boulders				

EOH



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 750N

Page: 2

DDH #: 750-21

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
32.20	39.88	631 BLEACHED GREYWACKE (TURBIDITE) Very weak zone type alteration and sulfides. bedding subparallel to C.A. at 33.00				
		32.20 33.20	26077	1.00	0.001	0.03
39.88	44.20	421 CONTACT ZONE Extremely bleached, actual contact 41.50				
44.20	79.25	420 ANDESITE core highly fractured and broken 44.50 -				
79.25	85.45	551 CONTACT ZONE Qz + carbonate alteration chl, > 10% sulfide; pyrrhotite 3-10%, pyrite <2%, arsenopyrite observed.				
		78.00 79.00	26318	1.00	0.001	0.03
		79.00 80.00	26319	1.00	0.035	1.19
		80.00 81.00	26320	1.00	0.111	3.82
		81.00 82.00	26321	1.00	0.009	0.31
		82.00 83.00	26322	1.00	0.009	0.31
		83.00 84.00	26323	1.00	0.014	0.50
85.45	94.54	620 SILTSTONE AND SILTY ARGILLITE				
		84.00 85.00	26324	1.00	0.049	1.69
		85.00 86.00	26325	1.00	0.007	0.23
94.54	111.25	650 CONGLOMERATIC ARGILLITE				

EOH



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 766N

Diamond Drill Log

DDH #: LD766-1

Northing: 10766  
 Easting: 10512  
 Elevation: 875  
 Azimuth: 90  
 Inclination: 11  
 Grid: MINE  
 Length (m): 24.38  
 Core size: AQTHINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	11	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 4/96  
 Date completed: JAN 4/96  
 Logged by: DGC

Purpose:

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.57	420 ANDESITE chloritic, from 0.00-2.00 brecciated and rehealed with qtz/calcite microveinlets				
4.57	5.05	250 BRITTLE FAULT (ANDESITE) with chloritic shears 40-45 deg to CA				
	3.05	4.05 fine dissem. arsenopy + Po 5%	128175	1.00	0.032	1.11
	4.05	5.05 arsenopy + Po 5% decreasing to <1%	128176	1.00	0.037	1.28
5.05	14.14	420 ANDESITE massive, chloritic, shearing @ 7.00, 55 deg to CA @8.5, 60 deg to CA				
	9.67	10.67 dissem. Po 5%	128177	1.00	0.019	0.65
	10.67	11.67	128178	1.00	0.038	1.29
	11.67	13.14	128179	1.47	0.008	0.27
		andesite in fault contact w/altered siltstone				
	13.14	14.14	128180	1.00	0.060	2.07
14.14	14.34	250 FAULT fault contact w/altered mineralized siltstone, contact @55 deg to CA				
14.34	20.11	682 ALTERED SILTSTONE (CHLORITIC SILTSTONE) silicified with dissem. Po+arsenopy with minor blebs of chalcopy.				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 2

DDH #: LD766-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
14.14	15.24	fine dissem. Po+arsenopy 5%	128181	1.10	0.259	8.89
15.24	16.24	& chalpy <1%	128182	1.00	0.296	10.15
16.24	17.24	partly brecciated & dissem. sulphides	128183	1.00	0.097	3.33
17.24	18.29	Po + arsenopy 5-8%	128184	1.05	0.018	0.61
18.29	19.29		128185	1.00	0.028	0.96
19.29	20.29	chloritic brecciated siltst minor sulphides Po<3%	128186	1.00	0.018	0.60
20.11	24.38	682 CHLORITIC SILTSTONE from 20.11 to 23.00 brecciated and healed with microveinlets of pyrrhotite. increasing to more coarser clastic unit. foliation 30-40 deg to CA. from 23.00-24.38 occasional coarse argillite pebbles also argillite rip-up clasts in chloritic silty matrix.				
	20.29	21.34	128187	1.05	0.005	0.16
END OF HOLE @24.38 METRES						



ATHABASKA GOLD RESOURCES

Check  
Core Notes  
Andesite?

PROJECT

SECTION 766N

Diamond

DDH #: LD766-2

Northing: 10766  
Easting: 10512  
Elevation: 873  
Azimuth: 90  
Inclination: -11  
Grid: MINE  
Length (m): 30.48  
Core size: AQTHINWALL  
Contractor: BOISVENU  
Drill type: GOPHER

Drill Hole (CHL SIRT)

Method: DEGREE RULE

Azimuth	Dip	Depth
90	-11	0

Property: LADNER CREEK  
NTS: 92H/11W  
Claim: MCMMASTER  
Date started: JAN 4/96  
Date completed: JAN 4/96  
Logged by: DGC

Purpose:

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	2.00	682 ALTERED SILTSTONE qtz-albite veining. pyritic seams, chloritic alteration. @2.00 in breccia contact with andesite.				
		0.00 1.00	128169	1.00	0.034	1.16
		1.00 2.00	128170	1.00	0.014	0.49
2.00	6.41	420 ANDESITE  strong brecciation healed with microveinlets of qtz and albite from 2.00-6.10				
6.41	6.71	250 BRITTLE FAULT - FAULT/FRACTURE PARALLEL to C.A., partly rehealed by qtz.				
6.71	10.63	422 CHLORITIC ANDESITE				
10.63	10.67	250 FAULT fracture: parallel to CA				
10.67	12.00	422 CHLORITIC ANDESITE  little to no sulphides. qtz microveinlets				
12.00	12.20	250 BRITTLE FAULT  with qtz breccia				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 2

DDH #: LD766-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
12.20	13.72	422 CHLORITIC ANDESITE fairly massive. essentially unmineralized				
13.72	14.72	250 FAULT FRACTURE narrow fracture partly rehealed by qtz, parallel to CA				
14.72	18.29	422 CHLORITIC ANDESITE				
18.29	18.90	279 FAULT-SHEAR approx. 55 deg to CA. minor chloritic gouge, also narrow brittle sections.				
18.90	23.26	422 CHLORITIC ANDESITE increasing in chloritic alteration				
		22.26 23.26	128171	1.00	0.125	4.28
23.26	25.58	581 ZONE MATERIAL fine disseminated Py+Po+arsenopy >10% minor blebs of chalcopy. qtz+albite veining				
		23.26 24.26	128172	1.00	0.121	4.15
		24.26 25.58	128173	1.32	0.048	1.65
25.58	30.48	680 SILTSTONE fine laminations. bedding fairly consistent between 40-45 deg to CA @29.56-29.66 narrow section containing large pebble clasts in siltstone matrix. essentially unmineralized.				
		25.58 26.58	128174	1.00	0.034	1.16

END OF HOLE @30.48 M



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 766N

**Diamond Drill Log**

**DDH #:** LD766-3

Northing: 10766  
 Easting: 10473  
 Elevation: 900  
 Azimuth: 270  
 Inclination: 40  
 Grid: MINE  
 Length (m): 98.32  
 Core size: ATK  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
270	40	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO C.G.  
 Date started: JAN 1996  
 Date completed: JAN 1996  
 Logged by: JTS

**Purpose:** TO INVESTIGATE UPPER AREA IN THE VICINITY OF THE VOLCANIC CONTACT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	7.14	<b>691 LOW GRADE ZONE MATERIAL</b> - developed in brown turbidite, albite-qtz veinlets and alteration occurs throughout entire section with local more intensely developed zones associated with sparse sulphides, mostly argillaceous turbidite in upper part - bedding well preserved in places such as 0.30 @ 80 deg. to CA and 3.80 @ 75 deg. to CA - short more abundant sulphide sections 2.35-2.53 and narrower 5 to 7 cm bands @ 40 deg. to CA				
	0.00	1.00	88444	1.00	0.011	0.39
	1.00	2.00 zone material, pyrite dominates	88445	1.00	0.002	0.08
	2.00	3.00	88446	1.00	0.013	0.43
	3.00	4.00	88447	1.00	0.016	0.55
	4.00	5.00 diss. Py 2% lithicwacke	88448	1.00	0.015	0.53
	5.00	6.00 lithicwacke	88449	1.00	0.015	0.51
	6.00	7.14 lithicwacke veins @ 60 deg.	88450	1.14	0.040	1.36

- lithicwacke interval 5.37-7.14, some larger black clasts stretched out to 6mm in length, crude bedding at 75 deg. to CA in lithicwacke at 5.60.

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 2

DDH #: LD766-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
7.14	13.72	631 CHLORITIC GREYWACKE - progressively more altered from slight relict bedding at > 80 deg. to CA to massive totally altered rock at 8.00, some short sections of qtz-albite veining and flooding - fault & disturbed section at 9.80-10.05 and 10.20-10.43 - slightly more silty section 10.43-11.90				
	7.14	8.00	152201	0.86	0.007	0.25
	8.00	9.00	152202	1.00	0.009	0.32
	9.00	10.00 more albite and qtz	152203	1.00	0.023	0.77
	10.00	11.00	152204	1.00	0.002	0.08
	11.00	12.00	152205	1.00	0.001	0.02
	12.00	13.00	152206	1.00	0.018	0.63
	13.00	13.72	152207	0.72	0.002	0.07
13.72	14.50	551 ZONE MATERIAL - highly brecciated, intense albite-quartz-carbonate, very fine grained Aspy, Py & Po, - lots of qtz in lower half of section				
	13.72	14.50 good zone material - breccia bands at 85 deg. to CA, qtz vein bull white qtz at 5 deg. to CA	152208	0.78	0.020	0.70
14.50	22.50	632 CHLORITIC GREYWACKE - massive, chlorite-rich, minor qtz-albite veining, pervasive chlorite alteration				
	14.50	15.50 low sulfides	152209	1.00	0.003	0.09
	15.50	16.50	152210	1.00	0.005	0.17
	16.50	17.50	152211	1.00	0.005	0.18
	17.50	18.50	152212	1.00	0.001	0.01
	18.50	19.50 minor qtz patches	152213	1.00	0.001	0.03
	19.50	20.50	152214	1.00	0.002	0.05
	20.50	21.50 minor qtz veinlets relict lithicwacke starting at 20.10 to 20.75	152215	1.00	0.015	0.53
	21.50	22.50 - massive gradational lower contact whereby chlorite pervasive alteration becomes less and original sedimentary structures become more distinct.	152216	1.00	0.002	0.06

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 3

DDH #: LD766-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
22.50	29.20	690 TURBIDITE - mostly argillaceous to arsenaceous, bedding at 24.53 is 45 deg. to CA with slump structures, graded bedding at 25.70 associated with soft sediment deformation - bedding at 27.89 is at 60 deg. to CA and beds at 28.70 are 70 deg. to CA - gradational lower contact over about 1 meter increasing alteration and obscuring of sedimentary features				
29.20	35.26	632 CHLORITIC GREYWACKE - massive, relatively uniform greenish, highly chloritic rock, minor albite-qtz-carbonate rock				
		29 30.00	152217	0.80	0.001	0.01
		30 31.00	152218	1.00	0.001	0.02
		31 32.00	152219	1.00	0.008	0.28
		32 33.00 more albite-qtz	152220	1.00	0.008	0.29
		33 34.00 lithicwacke host relicit	152221	1.00	0.002	0.08
		34 35.00 bedded relicit	152222	1.00	0.001	0.04
		- lithicwacke relicit host discernable from 32.12 - 33.95				
35.26	36.75	682 SILTSTONE - well bedded to laminated, @ 70 deg. to CA, altered by chlorite & calcite				
36.75	39.43	642 LITHICWACKE - elongated clasts, matrix somewhat altered, some albite and quartz, bedding varies from 85 deg. to CA at 37.00				
39.43	42.50	682 SILTSTONE - well laminated at 70 deg. to CA, cut by widely spaced quartz veins, altered short sections with traces of sulphides 40.46-40.56.				
		39.50 40.50	152223	1.00	0.024	0.81
		40.50 41.50	152224	1.00	0.006	0.22
		41.50 42.50	152225	1.00	0.028	0.95
		bedding at lower contact @ 45 deg. to CA				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 4

DDH #: LD766-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
42.50	47.15	692 ALTERED TURBIDITE - abundant calcite and chlorite. sheared appearance, lithicwacke alternating with arenaceous intervals, upper contact gradational				
	42.50	44.00	152226	1.50	0.016	0.55
	44.00	45.00	152227	1.00	0.003	0.11
	45.00	46.00	152228	1.00	0.014	0.50
	46.00	47.15	152229	1.15	0.398	13.64
		- lower contact brecciated andesite - argillite for 40 cm., shearing at gouge contact at 60-70 deg. to CA				
47.15	49.00	428 SHEARED AND ALTERED ANDESITE - light green, abundant chlorite, highly broken core, sheared throughout				
	47.15	48.00	152230	0.85	0.006	0.20
	48.00	49.00	152231	1.00	0.004	0.13
		abundant calcite on fracture surfaces.				
49.00	90.60	422 ALTERED ANDESITE - less sheared than above, relatively uniform, some short faulted sections, dark grey colour				
	49.00	50.00	152232	1.00	0.001	0.01
	50.00	51.50	152233	1.50	0.001	0.04
	51.50	53.00	152234	1.50	0.001	0.01
	53.50	54.50	152235	1.00	0.002	0.07
	54.50	56.00	152236	1.50	0.001	0.02
	56.00	57.50 CaCO3 & qtz	152237	1.50	0.002	0.09
	57.50	59.00	152238	1.50	0.001	0.03

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 5

DDH #: LD766-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		ALTERED ANDESITE (cont'd)				
		- more shearing from 56.00-57.40 marked by more closely spaced quartz-calcite veining				
		- minor chloritic relicit amygules apparent at 61m and down.				
		- shearing becomes stronger at 67.50. gouge on fractures at 30 deg. to CA. abundant calcite-qtz stringers 69.80. highly fractured core.				
		- chloritic lenses at 70.30, also associated with rounded qtz-calcite at 71.84 still at 30 deg. to CA				
		- dark features at 72.97 appear to be broken pillow rims sheared and altered, gouge common fractures at 74.91.				
		- although core is whole, the rock is cut by a close spaced network of fractures and chloritic slips 76.20-93.00				
		- abundant hairline fractures filled with calcite breccia insitu texture throughout				
		- quartz vein. barren of sulphides at 80.79-80.91 associated with chlorite slips				
		- overall 76.20-93.00 highly sheared then partially reheals				
		- pillow breccia section 85.36-90.60, distinctive lineated interpillow filling characterized by light green chlorite and epidote				
90.60	98.32	422 CHLORITIC ANDESITE				
		- abundant chlorite on fractures, calcite-qtz veinlets parallel to CA				

EOH





ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 766N

Diamond Drill Log

DDH #: LD 766-4

Northing: 10766  
 Easting: 10473  
 Elevation: 900  
 Azimuth: 270  
 Inclination: -10  
 Grid: MINE  
 Length (m): 60.96  
 Core size: AQ THINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey		
Method: <u>DEGREE RULE</u>		
Azimuth	Dip	Depth
270	-10	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: JAN 23/96  
 Date completed: JAN 24/96  
 Logged by: DGC

Purpose: TO EXPLORE AND TEST WESTSIDE ALONG 900 LEVEL FOR ZONE MATERIAL POTENTIAL.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	16.15	680 SILTSTONE - fine laminations, bedding predominately 25-30 deg. to CA - occasional irregular qtz/calcite stringers - hairline qtz veinlets parallel to bedding planes - siltstone tends to grad in and out to silty argillite with occasional rounded qtz-siltstone pebble.				
16.15	23.36	681 ALTERED SILTSTONE - partly chlorite and more siliceous - increase in qtz-albite-calcite veining - relatively weak in sulphides, predominately pyrrhotite				
	16.15	17.15 siliceous siltstone, weak qtz/albite	88380	1.00	0.002	0.06
	17.15	18.15 alteration & weak sulphides	88381	1.00	0.004	0.13
	18.15	19.15 Po 2-3%	88382	1.00	0.001	0.04
	19.15	20.15	88383	1.00	0.006	0.22
	20.15	21.15	88384	1.00	0.006	0.20
	21.15	22.15	88385	1.00	0.016	0.57
23.36	27.43	682 CHLORITIC SILTSTONE - bedding 25-30 deg. to CA - siltstone gradational to lithicwacke between 23.45-24.78 and back to chloritic siltstone				
27.43	28.96	634 GREYWACKE relatively fine grain, partly siliceous				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 2

DDH #: LD 766-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
28.96	34.13	634 ALTERED GREYWACKE - silicified, chloritic, partly brecciated and healed by silica, narrow sections of siliceous, sheared lithicwacke with coarse lithic fragments - qtz/albite veins between 30.00-32.00				
	30.00	31.00 albite and qtz, minor Po	88386	1.00	0.001	0.05
	31.00	32.00	88387	1.00	0.006	0.21
	32.00	33.00 Po 2-3%	88388	1.00	0.006	0.21
	33.00	34.13	88389	1.13	0.003	0.10
34.13	37.88	642 CHLORITIC LITHICWACKE - coarse grain, foliated 30 deg. to CA, 34.13-34.63 thin bed of chloritic siltstone, very coarse grain lithicwacke top of section and gradational downward to finer grained wacke - fining downward suggestive of inverted beds				
37.88	60.96	682 CHLORITIC SILTSTONE - fine grain, finely laminated, bedding angle predominately 30 - 35 deg. to CA - minor interbedded chloritic wacke, little qtz veining and normally parallel to bedding planes.				

END OF HOLE @ 60.96 m (200 ft)



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 2

DDH #: LD766-5

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
32.00	43.90	682 (SILTY) TURBIDITE - chloritic, bedding about 45 deg. to CA, narrow, unmineralized qtz veins along bedding planes					
43.90	48.77	662 (LITHIC) PEBBLE CONGLOMERATE - a melange of coarse, subangular, lithic fragments in a pebble to coarse lithic, chloritic wacke matrix. - gradational to finer uniform chloritic wacke - fining downwards in the section probably represents inverted bedding					
48.77	52.47	642 CHLORITIC WACKE - relatively homogenous, medium grain, no lithic fragments, lineation is ~ 40 deg. to CA					
52.47	55.84	652 CONGLOMERATIC ARGILLITE - chloritic siltstone and occasional thin argillaceous beds, bedding at 40 deg. to CA					
55.84	62.50	620 SILTY ARGILLITE - finely laminated argillaceous beds 40 deg. to CA - occasional, narrow qtz vein suparallel to bedding - gradational to more siltstone					
62.50	83.82	682 CHLORITIC SILTSTONE - partly silicified, bedding ~ 65-70 deg. to CA - minor siltstone clasts - numerous narrow albite/qtz veins at various angles between 25-70 deg. to CA - minor disseminated sulphides, predominantly pyrrhotite					
	64.50	65.50	weakly silicified, narrow qtz/albite veins	152164	1.00	0.008	0.27
	65.50	66.50	assoc. with dissemin. Py & Po	152165	1.00	0.006	0.22
	66.50	67.50		152166	1.00	0.018	0.61
	67.50	68.50		152167	1.00	0.004	0.15
	68.50	69.50		152168	1.00	0.009	0.33
	69.50	70.50	Dissemin. Po	152169	1.00	0.002	0.07
	70.50	71.50		152170	1.00	0.001	0.02
	71.50	72.50		152171	1.00	0.003	0.09

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 3

DDH #: LD766-5

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
83.82	91.44	620 SILTY ARGILLITE - finely laminated, bedding predominantly 65-70 deg. to CA, little qtz veining, not mineralized				

END OF HOLE 91.44 metres (300 ft)



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 766N

Diamond Drill Log

DDH #: LD766-6

Northing: 10766  
 Easting: 10477  
 Elevation: 900  
 Azimuth: 90  
 Inclination: 50  
 Grid: MINE  
 Length (m): 15.24  
 Core size: AQ THINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
90	50	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: \_\_\_\_\_  
 Date completed: \_\_\_\_\_  
 Logged by: JFP

Purpose: TO DEFINE EAST UPPER ZONE ON 900 LEVEL.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	5.10	<b>671 BOULDER CONGLOMERATE</b> - dark grey-greenish sequence with weak qtz albite and carbonate alteration appears in small veinlets perpendicular to CA - clast up to 3 cm, average 0.5-1.0 m floating in a dark grey silty matrix, fragment are elongated in foliation plan 45 deg. to CA, - between 3.5 to 4.5 deg. - park green silty sequence, fining downwards in the sequence - between 4.50-5.10 altered, weakly brecciated and mineralized zones, pyrrhotite < 3%				
5.10	7.81	<b>662 CHLORITIC PEBBLE CONGLOMERATE</b> - grey-green chloritic alteration - subangular to subrounded pebbles 3 m average size, clast supported, fragment of chert, volcanics, argillite surrounded in a chloritic matrix.				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 766N

Page: 2

DDH #: LD766-6

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
7.81	15.24	681 ALTERED SILTSTONE - brownish, dark grey to pale chlorite greenish-grey zone, weak alteration qtz and carbonat and albite with disseminated sulphides and brecciated zone pyrrhotite minor sulphides 1-3% disseminated throughout the sequence - pyrite and arsenopyrite also present < 1% - thin bedded - bedding disrupted 10 - 30 deg. to CA				
	7.81	8.72 weak altered carbonate	152262	0.91	0.050	1.72
	8.72	9.72 weak altered carbonate 3% Po & Py	152263	1.00	0.013	0.45
	9.72	10.72 weak altered carbonate 3% Po & Py	152264	1.00	0.005	0.18
	10.72	11.72	152265	1.00	0.049	1.67
	11.72	12.72 slightly silicified, low sulfides	152266	1.00	0.023	0.79
	12.72	13.42 brecciated mineralized Py, Po, & Arsen.	152267	0.70	0.003	0.10
	13.42	14.42 chloritic siltstone low sulphides	152268	1.00	0.009	0.31

END OF HOLE A@ 15.24 m (50 ft)



# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

**SECTION** 785N

**Diamond Drill Log**

**DDH #:** 785-46

Northing: 10785.00  
 Easting: 10474.00  
 Elevation: 902.50  
 Azimuth: 90  
 Inclination: 80  
 Grid: MINE  
 Length (m): 60.96  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLES

Drill Hole Survey		
Method: <u>DEGREE RULE</u>		
Azimuth	Dip	Depth
90	80	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: NOV 18/95  
 Date completed: NOV 19/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE ZONE #2 EXTENSION

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	2.56	699 TURBIDITE Silty, mostly poorly bedded disrupted, slightly brecciated, veining, quartz + carb+chl.				
2.56	2.97	250 BRITTLE FAULT				
2.97	28.90	699 TURBIDITE 6.86-6.90 breccia vein qz+carb+chl with pyrrhotite in borders 20deg to CA 7.50-7.68 qz+carb+chl vein breccia subperpendicular to CA 9.16-9.19 qz+carb+chl vein perpendicular to CA 9.48-9.52 breccia vein 10.18-10.19 breccia vein 12.43-12.58 breccia vein small amount of sulphides (pyrrhotite) on borders				
		27.50 28.50	26494	1.00	0.007	0.23
28.90	32.50	511 ZONE MATERIAL Alt qz+carb+chl. bleached brecciated mineralization <3% pyrrhotite <1% pyrite. arsenopyrite present. traces				
		28.50 29.50	26495	1.00	0.028	0.96
		29.50 30.50	26496	1.00	0.012	0.39
		30.50 31.50	26497	1.00	0.007	0.25
		31.50 32.50	26498	1.00	0.011	0.38
		32.50 33.50	26499	1.00	0.043	1.49



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 2

DDH #: 785-46

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
32.50	33.00	250 FAULT				
33.00	33.50	511 ZONE MATERIAL				
33.50	37.22	690 TURBIDITE				
		Black brown, poorly bedded, disrupted				
37.22	40.09	36.00 37.00 519 ZONE MATERIAL	26500	1.00	0.012	0.41
		Brecciated <3% pyrrhotite, <1% pyrite qz+carb+chl. vein breccia. Arsenopyrite abundant.+chalco observed. Broken core faulted sections. late stage carbonate + pyrrhotite veinlets				
		37.00 38.00 arseno+pyrr+pyr+chalco	26501	1.00	0.218	7.53
		38.00 39.00 arseno+pyrr+pyr+chalco	26502	1.00	0.187	6.44
		39.00 40.00 arseno+pyrr+pyr+chalco	26503	1.00	0.113	3.88
		39.50 40.09 fault-graphitic, 10% gouge				
40.09	56.39	698 TURBIDITE				
		Greenish-brown chloritic alteration sheared-foliated slightly. Faulted section 46.00-51.00 faulted slightly broken core, brittle.				
		40.00 41.00	26504	1.00	0.012	0.42
		41.00 42.00	26505	1.00	0.004	0.13
		42.00 43.00	26506	1.00	0.002	0.05
		43.00 44.50	26507	1.50	0.014	0.48
		44.50 46.00	26508	1.50	0.001	0.02
		46.00 47.00	26509	1.00	0.001	0.01
		47.00 48.50	26510	1.50	0.001	0.02
		48.50 50.00	26511	1.50	0.003	0.10
		50.00 51.50	26512	1.50	0.001	0.02
		51.50 52.50	26513	1.00	0.001	0.01
		52.50 53.50	26514	1.00	0.039	1.34
		53.50 55.00	26515	1.50	0.001	0.02
		55.00 56.50	26516	1.50	0.001	0.01
56.39	60.96	688 SILTSTONE				
		Sheared-foliated poorly bedded homogeneous EOH				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 785N

**Diamond Drill Log**

**DDH #:** 785-24

Northing: 10785.66  
 Easting: 10457.15  
 Elevation: 819.00  
 Azimuth: 89.95  
 Inclination: -45  
 Grid: MINE  
 Length (m): 166.12  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey  
 Method: DIP DEGREE RULE

Azimuth	Dip	Depth
89.95	-45	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 14/95  
 Date completed: OCT 15/95  
 Logged by: JTS+FP

**Purpose:** TO INVESTIGATE POSSIBLE ZONES BELOW 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	3.83	640 LITHICWACKE (sub unit) coarse lithicwacke fining very gradually to greywacke at end of interval				
3.83	8.24	690 TURBIDITE coarse to fine cycles up to 1 cm thick bedding at 5.00 is 85 to C.A.				
8.24	11.30	640 LITHICWACKE				
11.30	15.24	690 TURBIDITE medium coarse to fine cycles up to 1.3 m thick				
15.24	17.07	640 LITHICWACKE coarse lithicwacke fining gradually to greywacke				
17.07	18.19	690 TURBIDITE fine grained, poor to well bedded fine cycles				
18.19	20.30	640 LITHICWACKE mostly coarse grained, grading to silty on top (graded cycle)				
20.30	21.82	690 TURBIDITE well bedded coarse to calcite-chlorite veining subparallel to C.A. bedding 75 to C.A. at 20.60				
21.82	22.72	640 LITHICWACKE coarse cycle				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 2

DDH #: 785-24

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
22.72	38.84	690 TURBIDITE  Bedding at 23.46 is 50 deg to C.A. more distinct alternating dark grey and light green layers; layering also disrupted by soft sediment slumping. calcite veining varies 20 to 60 deg, narrow veining throughout. coarse conglomerate at 26.97 brecciation - faulting 27.48. bedding at 45 deg to C.A. 28.20 fracturing with gouge common 28.50-34.00 very broken core, gouge at 31.18, very chloritic chloritic stockwork at 33.50 bedding cycles up to 1 m in length. lamination at 35.66 @ 75 to C.A. lower contact by 10 cm qtz vein trace of pyrrhotite 35 deg contact, subparallel veining to C.A.				
38.84	47.95	422 ANDESITE  dark green, abundant chlorite <i>perpendicular</i> beddings to C.A.				
47.95	48.11	251 QUARTZ CARBONATE VEIN vein partially brecciated =45 deg to C.A.				
48.11	50.51	251 QUARTZ CARBONATE ALBITE VEIN Low angle to CA				
50.51	54.22	422 ANDESITE Andesite, dark green chloritic				
54.22	56.23	531 WEAK ALTERATION ZONE  Alteration quartz carbonate albite some chlorite few disseminated pyrrhotite blebs <1%				
		54.22 55.20	26080	0.98	0.067	2.30
		55.20 56.23	26081	1.03	0.092	3.15
56.23	67.00	422 ANDESITE dark green, very chloritic, abundant calcite veining				
67.00	72.00	539 MINERALIZED QUARTZ BRECCIA				
		67.00 68.00	26082	1.00	0.009	0.31
		68.00 69.00	26083	1.00	0.007	0.24
		69.00 70.00	26084	1.00	0.025	0.86
		70.00 71.00	26085	1.00	0.056	1.92

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 3

DDH #: 785-24

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		71.00 72.00	26086	1.00	0.019	0.65
72.00	105.16	<p>422 ANDESITE</p> <p>Dark green, very chloritic. broken core 74.26-75.00 sheared appearance throughout, abundant hairline calcite stringers. fragmental textures at 79.30 down to 82.50 also small fragmental section 98.80-100.58. calcite veining at 92.00 is 45 deg to C.A., some at 5 deg. quartz-calcite zone 88.06-89.14 traces of sulphides lower contact 60 deg to CA.</p>				
105.16	118.28	<p>429 FRAGMENTAL ANDESITE (AGGLOMERATE BRECCIA)</p> <p>In situ brecciation to angular fragments. Core broken from top of interval to 108.00. Flow banded breccia at 110.90. Quartz veining</p>				
118.28	121.42	<p>621 BLEACHED SILTY ARGILLITE</p> <p>light greenish-grey, relect bedding prominent</p>				
121.42	129.87	<p>628 SILTY ARGILLITE</p> <p>Slaty cleavage 55 to C.A. bedding at 123.10 thinly laminated isolated at 124.58, pebbles</p>				
129.87	143.97	<p>630 ALTERNATING ARGILLITE AND GREYWACKE</p> <p>Coarser layers of greywacke up to 67 cm wide laminations of argillite at 135.00 are 50 deg to C.A.</p>				
143.97	166.12	<p>650 CONGLOMERATIC ARGILLITE</p> <p>Clasts up to 6 cm in diameter/ bedding at 150.80 is 45 deg to C.A. pebbles less common 151.50- closer packed interval (pebble layers) 155.30-156.02 alternating with more argillaceous with only a few floating pebbles. most clasts well rounded, traces of Po in calcite altered areas clasts up to 10 cm common. bedding at EOH is 45 deg to C.A. EOH</p>				



# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 785N

## Diamond Drill Log

DDH #: 785-22

Northing: 10785.67  
 Easting: 10457.08  
 Elevation: 820.70  
 Azimuth: 89.7  
 Inclination: 0  
 Grid: MINE  
 Length (m): 91.44  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DIP DEGREE RULE

Azimuth	Dip	Depth
89.7	0	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 12/95  
 Date completed: OCT 12/95  
 Logged by: JTS

Purpose: TO INVESTIGATE SOUTHEND OF 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	0.85	660 PEBBLE CONGLOMERATE Faulted, equal composition of light and dark				
0.85	9.22	690 TURBIDITE Slump structures, flame structures coarser layers have crude bedding at <10 deg to C.A.				
9.22	14.49	640 LITHICWACKE Basal cycle of turbidite unusually thick bedding at 19.00 at 20 to C.A.				
14.49	24.15	690 TURBIDITE at 23.00 bedding at 60 to core axis				
24.15	25.04	258 FAULT ZONE: shearing at 5-10 to C.A.				
25.04	28.17	692 TURBIDITE Thick coarse lithicwacke to ifne silty cycles up to 1 m thick light green colour				
28.17	28.65	259 FAULT ZONE Veining shearing at 30 to C.A., Carb veining				
28.65	36.58	690 TURBIDITE Pebble conglomerate bed 31.72-33.50 shear bounded grading down hole to fine lithicwacke				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 2

DDH #: 785-22

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
36.58	37.50	699 TURBIDITE: very broken and rubbly core breccia zone at 37.3-37.5 rehealed				
37.50	59.40	698 TURBIDITE  broken core 39.5 - 40.00, fractures common at 10 deg to C.A. sedimentary breccia bed 44.87-47.74 composed of mainly silty elongated angular fragments in a coarse sand matrix, commonly close packed carbonate veining increasing to 50.75				
	51.00	52.50	26036	1.50	0.002	0.07
	52.50	54.00	26037	1.50	0.001	0.03
	54.00	55.50	26038	1.50	0.001	0.03
	55.50	57.00	26039	1.50	0.001	0.03
	57.00	58.00	26040	1.00	0.001	0.03
	58.00	59.40	26041	1.40	0.001	0.03
59.40	71.56	552 ZONE MATERIAL (developed in Greywacke) top 60 cm is chloritic greywacke very abundant arsenopyrite				
	59.40	61.00	26042	1.60	0.066	2.26
	61.00	62.00	26043	1.00	0.084	2.88
	62.00	63.00	26044	1.00	0.081	2.78
	63.00	64.00	26045	1.00	0.165	5.66
	64.00	65.00	26046	1.00	0.003	0.10
	65.00	66.00	26047	1.00	0.085	2.91
	66.00	67.00	26048	1.00	0.112	3.84
	67.00	68.00	26049	1.00	0.117	4.01
	68.00	69.00	26050	1.00	0.120	4.11
	69.00	70.00	26051	1.00	0.210	7.20
	70.00	71.00	26052	1.00	0.412	14.13
	71.00	72.00	26053	1.00	0.145	4.97
	72.00	73.00	26054	1.00	0.004	0.14
	73.00	74.00	26055	1.00	0.001	0.03
71.56	78.58	632 CHLORITIC GREYWACKE dark green-black-becoming more bleached to end of interval				
	74.00	75.50	26056	1.50	0.001	0.03
	75.50	77.00	26057	1.50	0.002	0.07
	77.00	78.58	26058	1.58	0.001	0.03

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 3

DDH #: 785-22

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
78.58	79.55	559 ZONE MATERIAL (in turbidite, fault)  brecciated quartz-calcite. Coarse crystalline pyrite, pyrrhotite on healed fractures.				
		78.55 79.55 fault which has been healed	26059	1.00	0.015	0.51
79.55	80.77	629 ARGILLACEOUS SILTSTONE black finely laminated in places				
		79.55 81.00	26060	1.45	0.001	0.03
80.77	89.92	658 CONGLOMERATIC ARGILLITE  Pebbles over 10 cm in diameter, some light grey fragments elongated at 45 deg to C.A. some short intervals do not have pebbles. minor pebble layers 84.58-85.05  crush-faulted area 88.38-88.7 trace of graphite				
89.92	91.44	690 TURBIDITE  Graded lithicwacke to fine silty sections subrounded clasts up to 4 mm bedding at 55 deg to C.A.				
		EOH				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 785N

**Diamond Drill Log**

**DDH #:** 785-23

Northing: 10285.69  
 Easting: 10457.15  
 Elevation: 820.54  
 Azimuth: 89.95  
 Inclination: -20  
 Grid: MINE  
 Length (m): 102.8  
 Core size: BQ  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DIP DEGREE RULE

Azimuth	Dip	Depth
89.95	-20	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 12/95  
 Date completed: OCT 13/95  
 Logged by: JTS

**Purpose:** TO INVESTIGATE LOWER PART OF 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.71	640 COARSE LITHICWACKE				
1.71	2.70	249 FAULT ZONE (developed in turbidite) Calcite stringers at 25 to C.A. crushed and gauge at 1.80				
2.70	6.49	690 TURBIDITE Brownish lithicwacke to fine silt cycles relatively thinner bedded 5-10 cm cycles, bedding at 80 to C.A.				
6.49	10.88	640 LITHICWACKE - finer grain size average 2-3 mm in length of fragments with floating subrounded black clasts up to 15 mm in length.				
10.88	20.17	690 TURBIDITE Relatively thin cycles of coarse to fine; 10 to 20 cm, sedimentary slump structures common. Flame features  Bedding 70 to C.A. @ 1260 core broken 13.50 - 17.80 very fractures traces of calcite on fractures @ 10 to C.A. gauge. bedding at 19.9, 70 deg to CA				
20.17	21.85	640 LITHICWACKE With floating subrounded blank clasts up to 25 mm in length				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 2

DDH #: 785-23

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
21.85	26.27	690 TURBIDITE Coarse to fine cycles 5-20 cm in length. sedimentary slumps structures + breccia throughout.				
26.27	26.64	252 QUARTZ BRECCIA ZONE very abundant chlorite, fault zone contacts subparallel to C.A.				
26.64	32.05	692 TURBIDITE uniform green, coarse to fine fining down the hole minor large fragment lenses calcite veining increasing toward lower contact				
32.05	33.21	263 CALCITE - altered shear zone in turbidite 40 to C.A				
33.21	38.17	693 TURBIDITE Calcite altered throughout, more intense calcite veining at lower contact, bleaching				
38.17	90.59	422 ANDESITE Very chloritic, black phenocrysts (some aspects of chloritic greywacke) upper contact at 30 to C.A. dark chlorite bands. calcite with minor quartz veining subparallel to C.A. 44.20 to 47.55, then again 48.77 - 51.82 Broken and very fracture core 57.50 - 61.30 gougy fracture coatings extremely chloritic. Fractures at 10 to C.A. up to 60. Light, grey bleaching 47.20 - 53.90, traces of pyrrhotite, stockwork calcite veining. Broken + fractured common, fractures up to 30 to C.A. Quartz zone 64.97-66.20 mostly quartz, no sulphides some fragments. Relatively uniform Andesite, carbonate veining and fractures. Rounded dark green structures starting in abundance at 74.85. Appears to be a broken (brecciated) primary flow contact feature. Agglomeratic fragments to 77.00 rubbly faulted core 85.52- 88.40. shearing 65 to C.A.				
64.97	66.2	As above	26061	1.23	0.002	0.07

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 785N

Page: 3

DDH #: 785-23

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
90.59	91.96	256 QUARTZ (minor calcite) CONTACT ZONE bleached light grey, graphitic. shearing at 40 to C.A.				
		90.59 91.96	26062	1.37	0.011	0.38
91.96	102.80	690 TURBIDITE Coarse to fine graded cycles, well bedding at top of section 85 to C.A., 70 to C.A. at 97.80				

EOH



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 820N

**Diamond Drill Log**

**DDH #:** 820-27

Northing: 10819.45  
 Easting: 10459.96  
 Elevation: 819.86  
 Azimuth: 92  
 Inclination: -25  
 Grid: MINE  
 Length (m): 96.01  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
92	-25	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT /95  
 Date completed: OCT/95  
 Logged by: JTS

**Purpose:** TO INVESTIGATE 3 ZONE MINERALIZATION ON 820N

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.84	678 CONGLOMERATE: Altered very broken, sheared, minor sulphides (pyrite) bedding at 1.84 is 75 deg to C.A. shear planes-veining 75 deg to C.A. parallel to bedding more commonly veins 15 deg to C.A.				
1.84	8.22	690 TURBIDITE thinner bedded coarse to fine cycles				
8.22	12.03	640 LITHICWACKE fault at 12.96 is 35 deg to C.A.				
12.03	17.86	690 TURBIDITE thinner bedded, well defined lamination at 13.69 is 50 to C.A.				
17.86	26.09	640 LITHICWACKE mainly coarse part of cycle with narrow fine tops fining down hole. slickensides in calcite stringers at 25.00 is 25 to C.A. This interval contains several mainly coarse cycles.				
26.09	50.37	692 TURBIDITE thinner greenish (chloritic) interval. thinner bedded sequence, cycles up to 1.2 m thick. fractures at 5 to C.A. at 33.20 for 50 cm. lots of slump structures and soft sediment deformation bedding @ 36.60 is 50 to C.A.				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 820N

Page: 2

DDH #: 820-27

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		coarse insitu conglomerate at 37.80-38.10, 40.92 beds at 15 deg in slumping feature. bleaching and quartz veining common as lower contact is approached but actual contact is marked by black brecciated zone. abundant calcite. contact at 70-80 to C.A.				
50.37	83.65	422 ANDESITE very chloritic, massive, calcite alteration throughout mineralized zone <3% pyrrhotite <1% pyrite, chalcopyrite observed.				
		59.00 60.00	26139	1.00	0.023	0.79
		60.00 61.00	26140	1.00	0.082	2.82
		61.00 62.00	26141	1.00	0.026	0.88
		quartz rich zone-breccia 60.42-60.96, sulfides calcite stringers common giving autobreccia appearance 67.00 down to 72.00 shear-veining-mostly calcite 72.60 to 45 to C.A. 10 cm wide. very chloritic, small chlorite filled amygules. fracturing 0 deg to C.A. at 83.20 -83.65				
83.65	91.59	621 SILTY ARGILLITE - LITHICWACKE (altered) coarse lithicwacke predominates at about 89.00 gradually				
91.59	96.01	616 ARGILLITE upper contact very graphitic; shearing 25 at 95.80 quartz-calcite veining throughout				

EOH



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 820N

Page: 2

DDH #: 820-25

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
16.94	33.46	690 TURBIDITE More finely bedded, bedding at 17.50 is 45 to C.A. Abundant slump structures. some slumps very well developed at 25.60. shearing at 24.22 is 55 to C.A. and at 33.04-33.12 is 60 to C.A.				
33.46	35.46	640 CRS LITHICWACKE (pebble conglomerate) Fining toward bottom gradually bottom contact a slump at 35 to C.A.				
35.46	44.29	690 TURBIDITE Abundant slump structures				
44.29	51.71	632 CHLORITIC GREYWACKE Upper contact at end of thin turbidite bedding very gradual increase in chlorite content. one pebble floating at 45.72				
		46.00 47.50 very low sulphides	26094	1.50	0.001	0.03
		47.50 49.00	26095	1.50	0.002	0.07
		49.00 50.50	26096	1.50	0.005	0.17
		50.50 51.71	26097	1.21	0.104	3.57
51.71	64.71	551 ZONE MATERIAL Albite-Qtz-Carbonate alteration abundant sulfides				
		51.71 52.50	26098	0.79	0.037	1.27
		52.50 53.50	26099	1.00	0.035	1.20
		53.50 54.50	26100	1.00	0.039	1.34
		54.50 55.50	26101	1.00	0.099	3.39
		55.50 56.50	26102	1.00	0.112	3.84
		56.50 57.50	26103	1.00	0.237	8.13
		57.50 58.50	26104	1.00	0.165	5.66
		58.50 59.50	26105	1.00	0.026	0.89
		59.50 60.50	26106	1.00	0.054	1.85
		60.50 61.50	26107	1.00	0.054	1.85
		61.50 62.50	26108	1.00	0.111	3.81
		62.50 63.50	26109	1.00	0.075	2.57
		63.50 64.71	26110	1.21	0.075	2.57
64.71	71.31	681 SILTSTONE very abundant sulfides 64.71-67.00				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 820N

Page: 3

DDH #: 820-25

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
64.71	66.00	Po, Py, no albite or Qtz	26111	1.29	0.008	0.27
66.00	67.00		26112	1.00	0.014	0.48
67.00	68.50		26113	1.50	0.013	0.45
68.50	70.00		26114	1.50	0.014	0.48
70.00	71.31		26115	1.31	0.013	0.45

gradational lower contact less bleaching alteration

71.31	73.91	610 ARGILLITE black, very fine grained
73.91	89.36	650 CONGLOMERATIC ARGILLITE floating very well rounded to angular clasts. very coarse layer of pebbles at end of

89.36	91.44	610 ARGILLITE (no pebbles), black
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EOH





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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 820N

Page: 2

DDH #: 820-26

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
47.65	52.58	631 GREYWACKE altered, 60 deg calcite-qtz veining				
	48.50	49.23	26121	0.73	0.116	3.97
	49.23	50.11	26122	0.88	0.098	3.35
	50.11	51.04	26123	0.93	0.095	3.28
	51.04	51.96	26124	0.92	0.161	5.52
	51.96	52.58	26125	0.62	0.113	3.88
	52.58	53.58	26126	1.00	0.003	0.10
52.58	61.00	632 CHLORITE GREYWACKE 58.00 59.00 altered, trace of sulfides mainly Po	26127	1.00	0.002	0.08
61.00	85.78	621 SILTY ARGILLITE upper part of interval very altered by calcite and silica - abundant pyrrhotite in places subparallel				
	59.00	60.00	26128	1.00	0.005	0.19
	60.00	61.00	26129	1.00	0.002	0.05
	61.00	62.00	26130	1.00	0.001	0.02
	62.00	63.00	26131	1.00	0.030	1.05
	fault-gouge graphitic at 64.90 in 10 to 20 deg very broken					
	63.00	64.00	26132	1.00	0.001	0.05
	64.00	65.00	26133	1.00	0.001	0.04
	65.00	66.00	26134	1.00	0.004	0.14
	66.00	67.00	26135	1.00	0.001	0.03
	67.00	68.00	26136	1.00	0.001	0.05
	68.00	69.00	26137	1.00	0.013	0.44
	69.00	70.00	26138	1.00	0.001	0.01
	thinly bedded, but bedding contorted in places minor floating pebbles between 79.00-80.50 Lenticular beds at 83.30					
85.78	91.44	650 CONGLOMERATIC ARGILLITE upper contact slip plane at 70 to C.A. well rounded pebbles and boulders, some greater than the core width floating in argillaceous matrix. well developed bedding-thinly laminated at 70 to C.A. throughout interval. still abundant calcite stringers and hair lines throughout.				
	some shearing 70 to C.A. near bottom of hole.					

EOH





**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 852N

**Diamond Drill Log**

**DDH #:** 852-41

Northing: 10852  
 Easting: 10473  
 Elevation: 818.6  
 Azimuth: 90  
 Inclination: -55  
 Grid: MINE  
 Length (m): 70.02  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
90	-55	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: NOV 8/95  
 Date completed: NOV 9/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE 3 ZONE NORTH

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	0.61	110 CASING				
0.61	3.18	670 BOULDER CONGLOMERATE Clasts rounded to angular up to 3 cm diameter, clast supported, black argillitic silty matrix, some clasts up to 6 cm long. Qz + carb veining 1 cm wide randomly distributed along the sequence. Fragments: silty, argillite, volcanic, sandstone some pyrite present on clast boundary.				
3.18	7.73	660 PEBBLE CONGLOMERATE well rounded clasts average 0.5 cm diameter, well sorted argillic + Qz carb + silty, silty matrix. clast supported. 4.57-4.70 Fault brittle slickenside subparallel to CA				
7.73	9.56	690 TURBIDITE Thin bedded disrupted. slump, flame 8.88-9.15 Fault, brittle, gouge <10% 8.70 bedding 55 to C.A.				
9.56	11.90	640 LITHICWACKE well sorted, poorly bedded. Inverse sequence. Carb veining. 10.60-10.70 Fault, brittle 11.30-11.37 Fault, brittle				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 2

DDH #: 852-41

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		11.00 12.00	26364	1.00	0.010	0.30
11.90	15.40	561 ZONE MATERIAL Qz + carb. + Chl. intensely brecciated. mineralization >3% pyrrhotite >1% pyrite, pyrrhotite, hosted by quartz carbonate vein.				
		12.00 13.00	26365	1.00	0.010	0.18
		13.00 14.00	26366	1.00	0.011	0.38
		14.00 15.00	26367	1.00	0.010	0.26
		15.00 16.50	26368	1.50	0.026	0.91
		13.64-13.90 fault slickenside along Qz carb. vein, chl				
15.40	22.24	640 LITHICWACKE				
22.24	27.81	690 TURBIDITE  Disrupted, thin bedded, bedding subperpendicular to C.A.				
		25.91-25.99 faulting, slickenside.				
27.81	29.08	642 LITHICWACKE  Poorly bedded, coarse elongated, deformed fragments, pale greenish grey coloured 27.90 bedding 45 deg to C.A.				
29.08	45.10	641 TURBIDITE  Light greenish grey silty argillite turbidite sequence. homogeneous spars quartz carbonate vein 65 deg to CA. 1 cm wide. poorly bedded, slump structure				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 3

DDH #: 852-41

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		35.15-35.20 fault quartz+carb. chlorite vein, slickenside slightly brecciated.				
		36.30-36.58 Fault brittle blocky broken core subparallel fracture to C.A.				
		43.00 darker zone, network of carbonate vein developed subparallel to C.A				
		44.10-44.14 Quartz + carbonate vein 65 deg to C.A.				
		44.00 45.00	26369	1.00	0.010	0.21
45.10	56.72	632 GREYWACKE alteration, mineralized zone in sequence chloritic albite alteration. 45.10-49.10 Weak alteration zone of Qz + carb + Chl + albite mineralization <3% pyrite				
		48.14-48.16 vein quartz and carb vein 65 deg to C.A.				
		50.30-50.35 low vein junction one subparallel to C.A. cut large (1 cm) quartz curb subperpendicular to C.A.				
		51.00-51.30 Weak alteration zone quartz + carb + albite chlorite <3% pyrrhotite. vein oriented 65 deg to C.A. 2 cm wide mylonitic texture				
		45.00 46.00	26370	1.00	0.126	4.34
		46.00 47.00	26371	1.00	0.091	3.13
		47.00 48.00	26372	1.00	0.021	0.72
		48.00 49.00	26373	1.00	0.010	0.34
		49.00 50.00	26374	1.00	0.010	0.03
		50.00 51.00	26375	1.00	0.010	0.01
		51.00 52.00	26376	1.00	0.051	1.75
		52.00 53.00	26377	1.00	0.018	0.62
		53.00 54.00	26378	1.00	0.012	0.42
56.72	57.02	251 FAULT vein quartz + carb. chlorite subperpendicular to C.A. contact between greywacke and volcanics.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 4

DDH #: 852-41

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
57.02	70.02	422 ANDESITE volc - andesite agglomerate with abundant vein (quartz - carb) in the first par 3 m. subperpendicular to C.A. 57.02 63.00 amygdaloidal andesite				
		57.91-58.84 Weak alteration, mineralized zone <3% pyrrhotite				
		58.80 m small veinlets of chalcopyrite within more abundant <10% pyrrhotite				
57.00	58.00		26379	1.00	0.049	1.68
58.00	59.00		26380	1.00	0.013	0.44
59.00	60.00		26381	1.00	0.010	0.02
		63.75-63.77 Breccia, shear zone 20 deg to C.A. qtz+carb+Chl.				
		EOH				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 2

DDH #: 852-51

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
44.62	61.00	690 TURBIDITE 45.00 46.00	26562	1.00	0.026	0.89
		Poorly bedded disrupted veining abundant no sulphides. 58.11-58.31 fault brittle 58.50 bedding 35 deg to CA				
61.00	64.01	60.00 61.00 511 WEAK ZONE MATERIAL Weakly mineralized ZM in turbidite sequence. Brecciated Qz+carb, bleached alteration qz+carb+chl. <3% Po, <1% Py, some arsenopyrite	26563	1.00	0.008	0.29
		61.00 62.00	26564	1.00	0.079	2.72
		62.00 63.00	26565	1.00	0.109	3.73
		63.00 64.00	26566	1.00	0.122	4.18

EOH





ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 2

DDH #: 852-29

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
30.44	32.00	640 LITHICWACKE COURSE startint with coarse pebble (4 mm) for 10 cm				
32.00	38.00	620 SILTY ARGILLITE SILTSTONE Thin bedded > 35 deg to C.A. disrupted				
38.00	59.95	632 CHLORITIC GREYWACKE Dark green color with some silty-argillite.  39.00 alternation zone QZ + CARB + CHL. Albite brecciated.  Mineralization >20% sulphides mostly pyrrhotite some pyrite >1% chalcopyrite observed. The vein network of QZ- Carb.- Chl. average 30 deg to C.A.				
	39.00	40.00	26177	1.00	0.001	0.01
	40.00	41.00	26178	1.00	0.169	5.81
	41.00	42.00	26179	1.00	0.072	2.48
	42.00	43.00	26180	1.00	0.048	1.63
	43.00	44.00	26181	1.00	0.028	0.96
	44.00	45.00	26182	1.00	0.100	3.43
	45.00	46.00	26183	1.00	0.074	2.52
	46.00	47.00	26184	1.00	0.086	2.94
	47.00	48.00 lower sx	26185	1.00	0.057	1.97
	48.00	49.50 lower sx	26186	1.50	0.008	0.26
	49.50	51.00 lower sx	26187	1.50	0.002	0.07
	51.00	52.50 lower sx	26188	1.50	0.013	0.44
	52.50	53.50	26189	1.00	0.072	3.14
	53.50	54.50	26190	1.00	0.209	7.17
	54.50	56.00 Brecciated, high chl	26191	1.50	0.595	20.40
	56.00	57.00	26192	1.00	0.086	2.95
	57.00	58.00	26193	1.00	0.099	3.39
59.95	72.36	627 SILTY ARGILLITE  Silty argillite with thin conglomerate bedding 45 deg to C.A. , slightly mylonitic altered pale-dark beds. Some sulphides on bedding planes (pyrite pyrrhotite) pyrite euhedral.				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 3

DDH #: 852-29

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
72.36	91.44	650 CONGLOMERATIC ARGILLITE Fragments increase down hole. Matrix supported in dark argillite. EOH				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 852N

**Diamond Drill Log**

**DDH #:** 852-28

Northing: 10852.13  
 Easting: 10472.99  
 Elevation: 820.46  
 Azimuth: 90.1  
 Inclination: -25  
 Grid: MINE  
 Length (m): 80.77  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90.1	-25	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT /95  
 Date completed: OCT /95  
 Logged by: JTS

**Purpose:** TO INVESTIGATE 3 ZONE AT 852N CROSS SECTION

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.01	670 BOULDER CONGLOMERATE				
4.01	4.90	620 ARGILLITE				
4.90	9.14	660 PEBBLE CONGLOMERATE				
9.14	12.20	640 LITHICWACKE				
12.20	24.30	632 CHLORITIC GREYWACKE				
	15.00	16.50	26142	1.50	0.001	0.03
	16.50	18.00	26143	1.50	0.013	0.45
	18.00	19.50	26144	1.50	0.021	0.73
	19.50	21.00	26145	1.50	0.001	0.03
	21.00	22.50	26146	1.50	0.001	0.01
	22.50	24.00	26147	1.50	0.001	0.04
24.30	25.65	429 ANDESITIC AGGLOMERATE				
	24.00	26.00	26148	2.00	0.001	0.01
25.65	29.59	690 TURBIDITE				
	26.00	27.50	26149	1.50	0.001	0.01
	27.50	29.00	26150	1.50	0.001	0.01
29.59	38.11	632 CHLORITIC GREYWACKE bedding 45 to C.A.				
	29.00	30.50	26151	1.50	0.001	0.01
	30.50	32.00	26152	1.50	0.001	0.01
	32.00	33.50	26153	1.50	0.003	0.10
	33.50	35.00	26154	1.50	0.041	1.40
	35.00	36.00	26155	1.00	0.099	3.38
	36.00	37.00	26156	1.00	0.026	0.90

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 2

DDH #: 852-28

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		37.00 38.00 bleached alternate zone <10% sx (pyrrhotite)	26157	1.00	0.016	0.54
38.11	38.40	251 FAULT broken Core, Brittle abundant sx (pyrite) in 45 > vein				
38.40	50.40	632 CHLORITIC GREYWACKE alterate zone of alteration Qz+C 25 > bedding to C.A.				
		38.00 39.00	26158	1.00	0.031	1.08
		39.00 40.00	26159	1.00	0.024	0.81
		40.00 41.50	26160	1.50	0.012	0.42
		41.50 43.00	26161	1.50	0.002	0.05
		43.00 44.50	26162	1.50	0.008	0.27
		44.50 45.50	26163	1.00	0.002	0.09
		45.50 47.00	26164	1.50	0.001	0.01
		47.00 48.50	26165	1.50	0.002	0.05
		48.50 50.00	26166	1.50	0.001	0.01
50.40	56.85	551 GREYWACKE, QZ + CARBONATE ALTERATING some brecciated zones mineralization > 10% combined pyrite + pyrrhotite				
		50.00 51.00	26167	1.00	0.050	1.73
		51.00 52.00	26168	1.00	0.006	0.21
		52.00 53.00	26169	1.00	0.003	0.09
		53.00 54.00	26170	1.00	0.018	0.61
		54.00 55.00	26171	1.00	0.010	0.36
		55.00 56.00	26172	1.00	0.013	0.45
		56.00 57.00	26173	1.00	0.007	0.24
56.85	60.00	657 CONGLOMERATE Conglomerate with argillic matrix mylonitic, graphitic 1 mm sx vein present 45 deg > Broken Core some fragmented > 5 cm diameter				
		57.00 58.00	26174	1.00	0.007	0.25
		58.00 60.00	26175	2.00	0.008	0.26
60.00	60.10	226 FAULT Graphite-abundant Fault 20-50% gauge				
60.10	60.50	657 ARGILLIC CONGLOMERATE				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 3

DDH #: 852-28

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
60.50	60.60	226 FAULT Graphite abundant Fault 20-50% gouge				
60.60	67.43	657 CONGLOMERATIC ARGILLITE				
67.43	80.77	610 SILTY ARGILLITE bedding 45 to C.A.				
		EOH				



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 852N

Page: 2

DDH #: 852-30

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
36.00	37.00		26201	1.00	0.056	1.93
37.00	38.00		26202	1.00	0.026	0.89
38.00	39.00		26203	1.00	0.098	3.38
39.00	40.00		26204	1.00	0.172	5.92
40.00	41.00		26205	1.00	0.158	5.46

Mineralization at 30.00  
 alteration qz + carb albite locally  
 fair amount of chlorite  
 sulphide mostly pyrrhotite mostly <2% but some at 3-10% pyrrhotite, pyrite <1% some vein fill with euhedral pyrite open space in vein of Qz + calcite  
 Some alterate zone are separated by black argillic core + 0.5 m approx.  
 Very wide intersection of material zone. sulphide abundant from 30 to 53.60 at contact with conglomeratic argillite some zones contain more than 16% sulphide mostly pyrrhotite.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
41.00	53.60	632 CHLORITIC GREYWACKE				
41.00	42.50		26206	1.50	0.186	6.42
42.50	44.00		26207	1.50	0.091	3.14
44.00	45.00		26208	1.00	0.117	4.04
45.00	46.00		26209	1.00	0.170	5.86
46.00	47.50		26210	1.50	0.113	3.89
47.50	49.00		26211	1.50	0.089	3.06
49.00	50.00		26212	1.00	0.231	7.98
50.00	51.00		26213	1.00	0.133	4.57
51.00	52.00		26214	1.00	0.055	1.90
52.00	53.00		26215	1.00	0.359	12.39
53.00	54.00		26216	1.00	0.059	2.03

clear contact with conglomeratic argillite

53.60 67.06 650 CONGLOMERATE ARGILLITE

EOH





# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 867N

Diamond Drill Log

DDH #: LD867-1

Northing: 10867  
 Easting: 10480  
 Elevation: 873  
 Azimuth: 270  
 Inclination: -30  
 Grid: MINE  
 Length (m): 36.58  
 Core size: AQ THINWALL  
 Contractor: BOISNVEU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULER

Azimuth	Dip	Depth
270	-30	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: \_\_\_\_\_  
 Date completed: \_\_\_\_\_  
 Logged by: DGC

Purpose:

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.57	571 ZONE MATERIAL - qtz-albite-calcite veins, qtz-albite breccia disseminated - Py + PO + Arsenpy				
	0.00	1.00 qtz-albite Breccia, Fine dissemin.	88373	1.00	0.128	4.38
	1.00	2.00 Py + Po + Arsenpy > 5%	88374	1.00	0.186	6.39
	2.00	3.00	88375	1.00	0.211	7.22
	3.00	4.00 fine disseminated Py + Po + Arsenpy	88376	1.00	0.049	1.69
	4.00	4.57	88377	0.57	0.032	1.11
4.57	30.48	682 SILTSTONE - finely laminated, bedding 80 deg. to CA - between 4.57-5.57 minor sulphides, chloritic - between 10.65-11.65 fault, crushed & fractured siltstone - at 13.00 bedding is parallel to CA				
	4.57	5.57	88378	1.00	0.070	2.41
	5.57	6.57	88379	1.00	0.087	2.98
30.48	36.58	642 CHLORITIC LITHICWACKE - minor qtz vein, basically unmineralized				

END OF HOLE @ 36.58 metres (120 ft)



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 867N

Page: 2

DDH #: LD867-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
16.40	16.80	220 FAULT 25-50% gouge. broken core sections				
16.80	18.05	642 CHLORITIC LITHICWACKE - fine cycle. foliated 40 deg. to CA. elongated fragment, cut by small veinlets of qtz albite carbonate				
18.05	21.34	688 FOLIATED SILTSTONE - greenish-grey, thin bedded siltstone weak qtz and albite carbonate alteration, bedding 15 deg. to 5 deg. to CA				

END OF HOLE @ 21.34 (70 ft)



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 867N

Page: 2

DDH #: LD867-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
16.76	21.30	531 ZONE MATERIAL - brownish green to dark graphitic zone, sheared zone, medium alteration quart-albite-carbonate and chlorite - main sulphide is pyrrhotite < 3% with some pyrite. very weak mineralization				
16.76	17.76	sheared chloritic, siltstone < 3% Po	152248	1.00	0.019	0.64
17.76	18.76	brecciated chloritic siltstone < 2% Po	152249	1.00	0.002	0.09
18.76	19.76	brecciated chloritic siltstone < 3% Po	152250	1.00	0.001	0.04
19.76	21.30	sheared chloritic siltstone	152251	1.54	0.011	0.38

- between 17.50-17.60 Fault, brecciated, graphitic alteration

- between 18.20 - 18.29 Fault, brecciated, graphitic alteration

END OF HOLE @ 21.30 m (70.54 ft)



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION 867N**

**Diamond Drill Log**

**DDH #: LD867-4**

Northing: 10867  
 Easting: 10481.5  
 Elevation: 873  
 Azimuth: 270  
 Inclination: -90  
 Grid: MINE  
 Length (m): 15.24  
 Core size: AQ THINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-90	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: \_\_\_\_\_  
 Date completed: \_\_\_\_\_  
 Logged by: DGC

**Purpose:** TO TEST FOR EXTENSION OF THE ZONE MATERIAL MAPPED AND SAMPLED IN THE DRIFT AND TO TEST FOR POTENTIAL ZONE MATERIAL WEST SIDE OF THE DRIFT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	8.90	682 CHLORITIC SILTSTONE - finely laminated, bedding ~ 45 deg. to CA - core badly broken and fractured between 3.50 - 6.10 probable fault-fractures				
		1.00 weak to medium zone material, partly	152146	1.00	0.218	7.47
		1.00 2.00 siliceous, dissemin. Py & Po & minor	152147	1.00	0.079	2.72
		2.00 3.05 Arsenopy	152148	1.05	0.132	4.54
		3.05 4.05 minor qtz breccia	152149	1.00	0.031	1.06
		4.05 5.05 weakly altered, minor Po & Py bedding	152150	1.00	0.031	1.07
		5.05 6.05 ~ 40 deg. to CA	152151	1.00	0.081	2.78
		6.05 7.05	152152	1.00	0.068	2.32
		7.05 8.05	152153	1.00	0.028	0.96
8.90	15.24	642 CHLORITIC LITHICWACKE - from 8.90 to 13.72 medium to fine grain chloritic wacke with 0.5 m contorted, finely laminated argillite bed and probably a result of slumping - between 13.72 - 15.24 lithicwacke melange include fragments of finely laminated argillite and argillite rip-up clusts.				

END OF HOLE @ 15.24 m (50 ft)



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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 867N

Page: 2

DDH #: LD867-5

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
CHLORITIC LITHICWACKE ( cont'd )						
11.62	12.62	weakly silicified, minor qtz	152141	1.00	0.002	0.06
12.62	13.72	and albite, Py + Po 1-3%	152142	1.10	0.002	0.08
13.72	14.72		152143	1.00	0.001	0.01
14.72	15.72		152144	1.00	0.001	0.01
15.72	16.72		152145	1.00	0.001	0.01

END OF HOLE @ 18.29 m







**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 867N

**Diamond Drill Log**

**DDH #:** LD867-7

Northing: 10867  
 Easting: 10482.8  
 Elevation: 874.8  
 Azimuth: 90  
 Inclination: 0  
 Grid: MINE  
 Length (m): 5.49  
 Core size: AQ THINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	0	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: \_\_\_\_\_  
 Date completed: \_\_\_\_\_  
 Logged by: JFP

**Purpose:**

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	2.00	<b>681 ALTERED SILTSTONE</b> - grey-brown weakly altered quartz-albite-carbonate, locally brecciated and mineralized with 3-8 % pyrrhotite, < 1-2% pyrite and arsenopyrite, late pyrite-pyrrhotite veinlets 0.2mm thick, subparallel to CA, bedding disrupted, mainly coarse grained.				
		0.00 1.00 altered siltstone, brecciated, 3-4% sulfides	152239	1.00	0.045	1.54
		1.00 2.00 altered siltstone, brecciated, 3-8% pyrr.	152240	1.00	0.020	0.70
2.00	4.30	<b>661 ALTERED PEBBLE CONGLOMERATE</b> - greenish-grey altered qtz albite-carbonate, subrounded to subangular pebbles brown to white. average 0.5mm dissem. with angular elongated argillite fragments, 1-5mm size, surrounded by a fine chloritic matrix, fining cycle downward in the sequence. - foliation 30-40 deg. to CA - weak mineralization: < 3% pyrrhotite, pyrite and sparse grain of arsenopyrite throughout the sections.				
		2.00 3.00 altered pebble conglomerate 3% Po, Py & Arsenopy	152241	1.00	0.055	1.89
		3.00 4.00 altered pebble conglomerate finer cycle	152242	1.00	0.010	0.35

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 867N

Page: 2

DDH #: LD867-7

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
4.30	5.49	681 ALTERED SILTSTONE - grey alteration Qtz, albite, carbonate, brecciated locally weakly mineralized < 3% pyrrhotite pyrite				
		4.00 5.49 altered siltstone	152243	1.49	0.030	1.02

END OF HOLE @ 5.49 m (18 ft)  
BREAK THROUGH



# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

**SECTION** 883N

**Diamond Drill Log**

**DDH #:** LD883-1

Northing: 10883  
 Easting: 10480  
 Elevation: 875  
 Azimuth: 270  
 Inclination: -20  
 Grid: MINE  
 Length (m): 36.58  
 Core size: AQ THINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-20	0

Property: LADNER CREEK  
 NTS: 92 H/6W  
 Claim: MCMASTER  
 Date started: DEC 29/95  
 Date completed: DEC 30/95  
 Logged by: DGC

**Purpose:** ORE DEFINITION OF WEST PART OF ONE ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	8.62	682 ALTERED SILTSTONE weakly chloritic, finely laminated bedding 80-85 deg to CA. Fault-brittle 2.00-2.75 occasional narrow pyritic seam.				
	4.57	5.57 trace Py + Po	128052	1.00	0.024	0.83
	5.57	6.57 Trace Py + Po	128053	1.00	0.012	0.39
	6.57	7.62 qtz stringers Py + Po 3-4 deg	128054	1.05	0.016	0.54
	7.62	8.62 trace Py + Po	128055	1.00	0.019	0.64
8.62	35.75	561 ZONE MATERIAL sections intensely silicified qtz stringers with mineralized siltst breccia. Also sections of strong mineralization >15% Py + Po + arsenopy + qtz, albite and calcite stringers				
	8.62	9.62 med-strong zone material	128056	1.00	0.070	2.39
	9.62	10.67 qtz albite veining, disseminated	128057	1.05	0.032	1.09
	10.67	11.67 Py + Po   Arsenopy (minor chalcopy)	128058	1.00	0.019	0.64
	11.67	12.67 15-20%	128059	1.00	0.053	1.81
	12.67	13.72	128060	1.05	0.241	8.26
	13.72	14.72 silicified siltst, disseminated	128061	1.00	0.085	2.91
	14.72	15.72 Py, Po (Arsenopy) 5-10%	128062	1.00	0.091	3.13
	15.72	16.72 weak zone material	128063	1.00	0.054	1.86
	16.72	17.72 trace Py + Po chloritic alter.	128064	1.00	0.061	2.09
	17.72	18.72 strong zone material	128065	1.00	0.331	11.35
	18.72	19.72 abundant Py Po + Arsenopy	128066	1.00	0.042	1.45

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: LD883-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
19.72	20.72	med to strong zone material	128067	1.00	0.081	2.77
20.72	21.72	qtz/albite and minor calcite veins	128068	1.00	0.086	2.96
21.72	22.72	Py, Po and arsenopy (chalcopy) >10%	128069	1.00	0.075	2.57
22.72	23.72	mineralized siltst with	128070	1.00	0.099	3.41
23.72	24.72	laminations - 85 deg to CA	128071	1.00	0.077	2.63
24.72	25.72		128072	1.00	0.064	2.20
25.72	26.72	strong qtz veining	128073	1.00	0.011	0.37
26.72	27.72	massive qtz	128074	1.00	0.027	0.93
27.72	28.72	Py + arsenopy 5-10%	128075	1.00	0.004	0.12
28.72	29.72		128076	1.00	0.009	0.33
29.72	30.72	moderate to strong zone material	128077	1.00	0.057	1.96
30.72	31.72	disseminated sulphides	128078	1.00	0.041	1.40
31.72	33.55	Py+Po + arsenopy sections >10%	128079	1.83	0.079	2.71
33.55	34.55		128080	1.00	0.068	2.34
34.55	35.75	weak zone material trace Py + Po	128081	1.20	0.020	0.70
35.75	36.58	682 CHLORITIC SILTSTONE badly fractured and broken, probable brittle fault. chloritic slickenside				
			128082	0.83	0.010	0.34
		EOH				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 883N

**Diamond Drill Log**

**DDH #:** LD883-2

Northing: 10883  
 Easting: 10480  
 Elevation: 874  
 Azimuth: 270  
 Inclination: -45  
 Grid: MINE  
 Length (m): 28.96  
 Core size: AQTHINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
270	-45	0

Property: LADNER CREEK  
 NTS: 92H/6W  
 Claim: MCMASTER  
 Date started: DEC 30/95  
 Date completed: JAN 2/96  
 Logged by: DGC

**Purpose:** ORE DEFINITION OF WEST PART OF ONE ZONE (NEW RESERVES)

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	3.02	682 CHLORITIC SILTSTONE numerous lithic fragments, fine laminations. bedding 65 deg to C.A. increasing in siliceous alterations, mineralization				
3.02	7.10	571 ZONE MATERIAL weak to moderately mineralized				
	3.02	4.05 weakly mineralized, Py +Po <3%	128083	1.03	0.067	2.30
	4.05	5.05	128084	1.00	0.016	0.54
	5.05	6.10 moderately mineralized, qtz/alb	128085	1.05	0.057	1.94
	6.10	7.10 Py + P+arsenopy 3-8%	128086	1.00	0.026	0.88
7.10	17.19	511 ZONE MATERIAL weakly mineralized				
	7.10	8.10	128087	1.00	0.005	0.19
	8.10	9.10	128088	1.00	0.011	0.39
	9.10	10.10	128089	1.00	0.005	0.19
	10.10	11.10	128090	1.00	0.008	0.27
	11.10	13.19	128091	2.09	0.002	0.07
	13.19	14.19	128092	1.00	0.001	0.02
	14.19	15.19	128093	1.00	0.002	0.08
	15.19	16.19	128094	1.00	0.005	0.16
	16.19	17.19	128095	1.00	0.006	0.22
	17.19	18.20	128096	1.01	0.019	0.66
17.19	21.20	561 ZONE MATERIAL moderate to strong mineralization				
	18.20	19.20 increase in qtz/albite + Py+Po	128097	1.00	0.054	1.86
	19.20	20.20	128098	1.00	0.082	2.83

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: LD883-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
20.20	21.20	qtz/alb, Py + Po+arsenopy >10%	128099	1.00	0.113	3.86
21.20	28.96	682 ALTERED SILTSTONE				
21.20	22.20	altered siltst. weakly mineralized	128100	1.00	0.034	1.15
22.20	23.20	bedding 70 deg to CA, minor	128101	1.00	0.157	5.38
23.20	24.20	rip clasts w/disseminated	128102	1.00	0.048	1.65
24.20	25.20	sulphides: Py +Po+arspy <3%	128103	1.00	0.033	1.14
25.20	26.20	qtz breccia	128104	1.00	0.003	0.10
26.20	27.20	Py+Po+arsenopy 3-8%	128105	1.00	0.005	0.17
27.20	28.20	siltstone, chloritic alter	128106	1.00	0.053	1.82
28.20	28.96	weak sulphides, bedding 85 deg to CA	128107	0.76	0.003	0.12

END OF HOLE @28.96



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 883N

Diamond Drill Log

DDH #: LD883-3

Northing: 10883  
 Easting: 10480  
 Elevation: 875  
 Azimuth: 270  
 Inclination: 20  
 Grid: MINE  
 Length (m): 22.86  
 Core size: AQTHINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	20	0

Property: LADNER CREEK  
 NTS: 92H/6W  
 Claim: MCMASTER  
 Date started: JAN 2/96  
 Date completed: JAN 2/96  
 Logged by: DGC

Purpose: ORE DEFINITION OF WEST PART OF ONE ZONE (NEW RESERVES)

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
0.00	1.52	680 SILTSTONE light dark grey, finely laminated, bedding 50 deg to CA occasional well rounded qtz clast. increase in siliceous alteration and change to zone material.					
1.52	9.47	571 ZONE MATERIAL from 3.38-6.10 intensely crushed and broken qtz + z/m 6.10-7.62 mineralized qtz breccia @7.62 finely laminated altered siltst - bedding 80-85 deg to CA @9.47 z/m in fault-shear contact with graphitic silty arg.					
	1.52	2.52	qtz breccia w/mineralized fragm	128108	1.00	0.034	1.17
	2.52	3.52	Py-Po (arsenopy)>10%	128109	1.00	0.035	1.21
	3.52	4.57	broken, mineralized core	128110	1.05	0.082	2.81
	4.57	5.57	massive-broken qtz with	128111	1.00	0.011	0.38
	5.57	6.57	albite stringers	128112	1.00	0.040	1.36
	6.57	7.57	qtz breccia w/Py + Po-arsenopy >10%	128113	1.00	0.050	1.73
	7.57	8.57	qtz/albite stringers + dissemin	128114	1.00	0.074	2.55
	8.57	9.47	Py-Po & arsenopy	128115	0.90	0.069	2.37
9.47	10.67	681 SILTY ARGILLITE (WEAK ZONE MATERIAL) carbonaceous increasing in chloritic altern. disseminated Py-Po 3-5%					
	9.47	10.67		128116	1.20	0.003	0.10
10.67	12.00	682 CHLORITIC SILTSTONE @12.00 cherty qtz contact with volcanics weakly mineralized, predominantly pyrrhotite (2-4%)					



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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: LD883-3

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
		10.67 11.67	128117	1.00	0.001	0.02
12.00	22.86	422 CHLORITIC ANDESITE 13.72-15.24 A??? texture w/calcite vesicles 16.05-16.65 brittle fault/fracture, parallel to CA 16.65-22.86 mylonitic chloritic andesite				
		11.67 12.49	128118	0.82	0.004	0.14
		END OF HOLE @22.86				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 883N

**Diamond Drill Log**

**DDH #:** LD883-4

Northing: 10883  
 Easting: 10482  
 Elevation: 874  
 Azimuth: 270  
 Inclination: -90  
 Grid: MINE  
 Length (m): 30.48  
 Core size: AQTHINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
270	-90	0

Property: LADNER CREEK  
 NTS: 92H/6W  
 Claim: MCMASTER  
 Date started: JAN 2/96  
 Date completed: JAN 3/96  
 Logged by: DGC

**Purpose:** ORE DEFINITION OF WEST PART OF ONE ZONE (NEW RESERVES)

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.50	660 PEBBLE CONGLOMERATE stretched clasts w/blk lithic fragments, chloritic matrix 0.00-0.90 weak zone material mostly pyrrhotite <3%				
1.50	11.27	682 ALTERED SILTSTONE fine laminations, bedding varies @2.70 bedding 45 deg to C.A., @3.00 bedding is at 70 deg to CA Predominate chloritic alterations From 1.20-1.50 broken core probable brittle fault from 8.54-9.14 brittle fault @11.27 bedding is @40 deg to CA				
	2.35	3.40 weak zone material	128120	1.05	0.030	1.02
	3.40	4.57 qtz w/fine dissem. Py + Po	128121	1.17	0.010	0.36
11.27	15.24	511 ZONE MATERIAL pervasive silicification with qtz/albite stringers occasional late stage pyrite fracture fillings				
	11.27	12.27 dissem. Py >10% w/late stage Py	128122	1.00	0.052	1.78
	12.27	13.27	128123	1.00	0.127	4.36
	13.27	14.27 weak to mod. Z/M finely	128124	1.00	0.061	2.11
	14.27	15.24 dissem. Py, Po, arsenopy 5-10%	128125	0.97	0.038	1.30
15.24	30.48	682 CHLORITIC SILTSTONE				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: LD883-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		increase in chloritic alteration from 15.24 to 30.48. Fine laminations bedding tends range between 45-50 deg to CA. From about 27.00-30.48 slightly coarse wacke appearance. @16.10-16.20 chloritic slickensides 45 deg to CA @21.00-21.5 broken core - probably due to brittle faulting very little to no mineralization				

15.24	16.40	weak zone material	128126	1.16	0.083	2.84
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END OF HOLE @30.48



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: 883-33

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
35.80	39.60	690 SILTY ARGILLITE vein qz + carb 45 deg to C.A. 0% sx thin bedded.				
39.60	50.50	650 CONGLOMERATIC ARGILLITE bedding 30 > to C.A. down sizing				
50.50	51.82	657 CONGLOMERATIC ARGILLITE mylonitic texture minor faulting > 20 to C.A. small vein (1.2 mm thick) of carbonate some filled with sx mainly Py deformation subsequent some small folding				
51.82	54.09	659 CONGLOMERATIC ARGILLITE breccia of Qz + carbonate network of vein mostly parallel to bedding become in an intense brecciated zone where Qz + carbonate + Chl compose more than 60%				
54.09	57.76	610 ARGILLITE intense narrow veining 5 deg > to C.A. euhedral pyrite <1%				
57.76	60.96	650 CONGLOMERATIC ARGILLITE boulders more than 5 cm diameter, matrix supported angular elongate small veining present  59.13 fault 10 > to C.A. slickenside some graphite pyrite 59.13 fault broken core some graphite				
60.96	86.76	610 ARGILLITE silty, locally disturbed bedding. 5% veining, carb, narrow vein are deformed, > 20-35 deg to C.A. up to 10% pyrrhotite on silty horizon not wider 5 cm				
	70.83	fault 10% gouge subparallel to C.A.				
	75.80	bedding 40 to C.A.				
	88.40	fault brittle core broken				
	84.44	bedding 45 > to C.A.				
86.76	91.44	650 ARGILLITE CONGLOMERATE				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 3

DDH #: 883-33

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		locally some clasts 2 cm-4 cm diameter sequence clast abundant on the bottom downward grading clasts				

EOH



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 883N

**Diamond Drill Log**

**DDH #:** 883-34

Northing: 10883.59  
 Easting: 10490.73  
 Elevation: 819.60  
 Azimuth: 90  
 Inclination: -60  
 Grid: MINE  
 Length (m): 91.44  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	-60	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 20/95  
 Date completed: OCT 20/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE 883N SECTION, #3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.20	110 CASING				
1.20	2.43	660 PEBBLE CONGLOMERATE 1.72 m approx. bedding 35 > to C.A. round pebble 2 mm-4 mm average in a silty matrix				
2.43	6.10	640 LITHICWACKE coarse to fine grained to more frequent silty argillite - very pale argillite on same unit section (cement color).				
6.10	16.55	690 TURBIDITE bedding 55 deg to C.A. slump, disturbance flame thin bedded				
16.55	43.87	632 CHLORITIC GREYWACKE dark to pale green - some silty beds more present near alteration - slightly brecciated-locally.				
	17.18	fault slickenside, brittle (minor)				
	18.35	20.73 alteration zone Qz + carb				
		Chl. vein mostly 30 deg to C.A. weak mineralization, brecciated locally < 3% pyrrhotite < 1% pyrite, variable.				
	18.29	19.29	26246	1.00	0.033	1.12
	19.29	20.29	26247	1.00	0.066	2.29

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: 883-34

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
	20.29	21.29	26248	1.00	0.029	1.01
	21.29	22.29	26255	1.00	0.005	0.16
	22.29	23.29	26256	1.00	0.004	0.12
	23.29	24.29	26257	1.00	0.013	0.46
	24.29	25.29	26258	1.00	0.011	0.38
	25.29	26.29	26259	1.00	0.005	0.17
	26.29	27.29	26260	1.00	0.063	2.17
	27.29	28.29	26261	1.00	0.016	0.56
	28.29	29.19	26262	0.90	0.009	0.31
	29.19	30.18	26249	0.99	0.077	2.67
	30.18	31.18	26250	1.00	0.001	0.03
	37.94	38.94	26251	1.00	0.003	0.12
	38.94	39.94	26252	1.00	0.055	1.89
	39.94	40.94	26253	1.00	0.004	0.14
	40.94	41.94	26254	1.00	0.005	0.17
43.87	50.94	642 LITHICWACKE CHLORITE				
	47.59	50.94 weak alteration zone few vein Qz carbonate deformed disrupted bedding				
50.94	68.89	620 SILTY ARGILITE				
	52.90	Bedding 45 to C.A.				
	54.00	bedding 25 deg to C.A.				
	57.60	57.90 coarse pebble conglomerate				
	64.50	quartz. carb veining 45 to C.A. 1-2 mm wide				
	68.87	Fault 10-25% gouge 25 deg to C.A.				
	68.65	bedding 45 deg to C.A.				
68.89	91.44	650 CONGLOMERATE WITH ARGILLITE MATRIX				
		fragment increase downward. clast floating in black argillite deformed elongated clasts up to 4 cm wide				
	72.60	bedding subparallel to < 5 deg to C.A. slaty cleavage deformation				
	82.30	fault broken core brittle				
	85.70	fault subparallel to C.A. brittle some graphite alteration on fault plane				
	88.30	88.67 fault brittle, broken core in slaty pieces				
	89.92	bedding 30 > to C.A.				

EOH





**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 883N

**Diamond Drill Log**

**DDH #:** 883-31

Northing: 10883.60  
 Easting: 10491.10  
 Elevation: 820.98  
 Azimuth: 95.73  
 Inclination: -5  
 Grid: MINE  
 Length (m): 32.00  
 Core size: BQ  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
95.73	-5	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 19/95  
 Date completed: OCT 19/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE LOWER PART OF 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.80	640 LITHICWACKE 4.70 fault, sliken side, sharp > 10 to C.A.				
4.80	9.14	620 SILTY ARGILLITE tin bedded				
9.14	23.00	680 SILTSTONE Bedding 10 deg to CA				
23.00	32.00	511 ZONE MATERIAL zone material small amount of sulphide, weakly mineralized. 3% pyrrhotite fine disseminated weak at Qz + Ch Ab  24.50 fault brittle broken core. some sections show >10% pyrrhotite <1% pyrite average 5-8 > sulphide all samples				
	22.50	23.50	26217	1.00	0.028	0.95
	23.50	24.50	26218	1.00	0.014	0.49
	24.50	25.50	26219	1.00	0.001	0.02
	25.50	26.50	26220	1.00	0.001	0.02
	26.50	28.00	26221	1.50	0.001	0.04
	28.00	29.00	26222	1.00	0.020	0.70
	29.00	30.00	26223	1.00	0.004	0.14
	30.00	31.00	26224	1.00	0.001	0.01
	31.00	32.00	26225	1.00	0.016	0.54

hole finished in qz chl altered zone

EOH



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 883N

**Diamond Drill Log**

**DDH #:** 883-32

Northing: 10883.61  
 Easting: 10491.04  
 Elevation: 820.53  
 Azimuth: 95.5  
 Inclination: -25  
 Grid: MINE  
 Length (m): 45.72  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
95.5	-25	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 19/95  
 Date completed: OCT 19/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE LOWER PART OF 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	5.45	640 LITHICWACKE Qz carb. vein > 30 to 20 to C.A. down sizing - inverted sequence				
5.45	9.58	690 SILTY ARGILLITE (turbidite sequence) 8.59 bed 25 to C.A. thin bedded				
9.58	11.30	640 LITHICWACKE				
11.30	14.18	690 SILTY ARGILLITE structure: slump, disturbance 12.22 fault brittle slickenside broken core for 10cm				
14.18	14.50	632 CHLORITIC GREYWACKE poorly bedded > 40 deg approx				
14.50	19.29	511 WEAK ZONE MATERIAL >3% pyrrhotite >1% pyrite veining Qz + carb + chlorite sericite? brecciated locally some chalcopyrite observed (2mm diameter)				
	14.29	15.29	26226	1.00	0.071	2.45
	15.29	16.29	26227	1.00	0.110	3.81
	16.29	17.29	26228	1.00	0.135	4.65
	17.29	18.29	26229	1.00	0.059	2.04
	18.29	19.29	26230	1.00	0.104	3.59
19.29	32.10	632 CHLORITIC GREYWACKE				
32.10	41.00	658 CONGLOMERATIC ARGILLITE bedded 53 > to C.A. clast supported in places for 5-10 cm				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 883N

Page: 2

DDH #: 883-32

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		slightly deformed				
	32.10	32.20				
		fault with vein on contact with Greywacke and congl. Arg. slickenside, brittle.				
41.00	45.72	610 ARGILITE				
		Thin bedding black euhedral pyrite; vein narrow parallel to bedding Qz + carbonate some vein filled with sheet of sx (pyrrhotite, pyrite)				
		EOH				



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 895N

Page: 2

DDH #: LD895-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
	20.30	21.34	arsenopy	128042	1.04	0.045	1.53
	21.34	22.34	weak zone material, chloritic al???	128043	1.00	0.063	2.16
	22.34	23.34	py + pyr $<3\%$ chloritic	128044	1.00	0.106	3.64
	23.34	24.38	slickensides	128045	1.04	0.015	0.53
	24.38	25.38	moderate zone material	128046	1.00	0.026	0.90
	25.38	26.38	qtz/alb veining w/dissemin. py	128047	1.00	0.063	2.15
	26.38	27.43	pyrr + arsenopy	128048	1.05	0.057	1.95
	27.43	28.43	approx 3-5% sulphides	128049	1.00	0.071	2.44
	28.43	29.43		128050	1.00	0.039	1.32
29.76	30.48	682 CHLORITIC SILTSTONE chloritic slickensides 70-75 deg to CA very minor sulphides					
	29.43	30.48		129051	1.05	0.009	0.32
		EOH @30.48					



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 895N

Page: 2

DDH #: LD895-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		later stage qtz-albite veining at 15 deg to CA at 13.10 graphite-chlorite gouge between 14.95-15.26 Major Fault Powdery at 7 deg to CA Fault contains sulphides, mostly pyrite-sharp contacts				
16.00	18.29	422 ALTERED ANDESITE very chloritic, dark green. brecciated by quartz veinlets and chlorite seams				
	16.00	17.00 albite qtz minor	128009	1.00	0.005	0.18
	17.00	18.29 chlorite dominates	128010	1.29	0.008	0.29
		albite veining extends to 16.65 0 deg to core axis. other qtz veins near bottom of hole at 45 deg to CA				
		END OF HOLE 18.29				









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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 912.5N

Page: 2

DDH #: LD912-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
4.66	18.00	692 ALTERED AND SHEARED TURBIDITE bedding commonly sheared out, 5 deg to CA at 10.80 insitu brecciation incipient in places. hairline calcite filled fractures very common from 14.00 + down bedding parallel to core axis at 17.00 relatively sharp lower contact				
18.00	19.15	242 FAULT BRECCIA  very angular to subrounded fragments polymictic collection of fragments "floating" in dark green chlorite-rich gouge				
		18.00 19.15 no sulphides visible sharp lower contact	128204	1.15	0.043	1.46
19.15	23.16	692 ALTERED AND SHEARED TURBIDITE  typical thin bedded turbidite in upper part graded bedding, slump structures. bedding at 50 deg to CA				
		21.24 22.44 qtz albite, low sulphides  altered zone 21.24-22.44, bedding 10 deg to CA fault related very chloritic irregular quartz veins and patches, core broken  bedding at bottom is 20 deg to CA changing through rubbly section abruptly to 70 deg to CA well laminated	128205	1.20	0.007	0.24

END OF HOLE 23.16 M (76 FEET)



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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 912.5N

Page: 2

DDH #: LD912-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
13.50	15.00	albite-quartz-carbonate rock. very brecciated appearance	128215	1.50	0.036	1.25
15.00	16.50	well veined, 10%	128216	1.50	0.054	1.87
16.50	18.00	very heavy sulphides	128217	1.50	0.073	2.52
18.00	19.50	>10% Po+Py	128218	1.50	0.040	1.36
19.50	21.00	less sulphides	128219	1.50	0.010	0.33
<p>contact with short faulted chloritic greywacke at 16.76 to 19.35 very abundant arsenopyrite 15-20% sulphides, quite dark color of zone. healed fault breccia at 16.61-16.68</p>						
21.00	24.38	682 ALTERED SILTSTONE bedding at 20 deg to CA gouge in fault breccia 22.00-22.26 very chloritic-probably correlates to fault seen in 912.5-1 some sparse sulphides, mainly Py throughout interval				
21.00	22.50	Py in fault box	128220	1.50	0.002	0.07
22.50	23.50	some Aspy	128221	1.00	0.046	1.58
23.50	24.38	sparse Aspy	128222	0.88	0.029	1.00
<p>bedding at 23.5 is 0 deg to CA but 20 deg at 24.38</p>						
<p>END OF HOLE 24.38</p>						



1:

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 912.5N

Page: 2

DDH #: LD912-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
7.63	9.45	684 ALTERED SILTSTONE between 8.00-8.40 mineralized qtz/siltst breccia Po+Py + arsenopy 5%				
	7.62	8.62	128189	1.00	0.064	2.18
	8.62	9.14	128190	0.52	0.031	1.08

END OF HOLE @9.45

\*BROKE OUT INTO MINE STOPE



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 912.5N

Diamond Drill Log

DDH #: LD912-5

Northing: 10908  
 Easting: 10494  
 Elevation: 875  
 Azimuth: 90  
 Inclination: -90  
 Grid: MINE  
 Length (m): 30.48  
 Core size: ATK  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey		
Method: <u>DEGREE RULE</u>		
Azimuth	Dip	Depth
90	-90	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: JAN 7/96  
 Date completed: JAN 7/96  
 Logged by: JTS

Purpose: BETWEEN 875 LEVEL AND 835 LEVEL. INVESTIGATION OF NORTHEAST OF 883 STOPE AND ONE ZONE.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.22	910 CASING				
1.22	4.66	683 ALTERED SILTSTONE - abundant carbonate light and dark grey, bedding at 25 deg. to CA at 2.90 m core relatively broken throughout entire hole				
4.66	6.00	643 ALTERED LITHICWACKE - elongated clasts, abundant carbonate, bedding well developed at 5.50 @ 20 deg. to CA - graphite on slickensides 40 deg. to CA				
6.00	10.67	683 ALTERED SILTSTONE - well laminated, 30 deg. to CA at 6.50 - core broken & fractured throughout				
	9.14	10.00	128409	0.86	0.001	0.02
	10.00	10.67	128410	0.67	0.004	0.12
		gradational contact over 10 cm				
10.67	18.29	541 ZONE MATERIAL - abundant albite-quartz-carbonate, some convoluted laminations at 14.00, 0 deg. to CA				
	10.67	12.00 low sulphide zone	128411	1.33	0.046	1.56
	12.00	13.00	128412	1.00	0.015	0.53
	13.00	14.00	128413	1.00	0.008	0.28
	14.00	15.00	128414	1.00	0.046	1.59
	15.00	16.00	128415	1.00	0.193	6.62
	16.00	17.00	128416	1.00	0.023	0.78
	17.00	18.29	128417	1.29	0.034	1.17



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 912.5N

Page: 2

DDH #: LD912-5

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
18.29	23.41	691 ALTERED TURBIDITE - graded beds. some coarse siliceous - lithicwacke 18.60-19.50 - thin bedded siltstone 19.50-22.41 - also short sections of zone material from 19.84-20.30 and 21.18-21.34 - no sulphides in the altered sections					
	18.29	19.50	trace Py	128418	1.21	0.028	0.96
	19.50	20.76	some zone material	128419	1.26	0.047	1.62
	20.76	21.80		128420	1.04	0.012	0.40
	21.80	22.80	some zone material	128421	1.00	0.005	0.17
	22.80	23.41	chloritic, trace Py	128422	0.61	0.013	0.45
23.41	26.08	511 BRECCIATED ZONE MATERIAL - with higher grade section, more abundant arsenopy					
	23.41	24.50	Aspy, bx	128423	1.09	0.013	0.43
	24.50	26.08	white, bx, albite, Aspy	128424	1.58	0.021	0.74
26.08	29.18	681 ALTERED SILTSTONE - containing disseminated Arsenopyrite, very well preserved convoluted bedding					
	26.08	27.00		128425	0.92	0.112	3.83
	27.00	28.00		128426	1.00	0.360	12.36
	28.00	29.18		128427	1.18	0.238	8.16
			very well developed minor folds				
29.18	30.48	643 ALTERED LITHICWACKE abundant carbonate, less altered than siltstone above					
	29.18	30.48		128428	1.30	0.013	0.43

END OF HOLE.



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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 912.5N

Page: 2

DDH #: LD912-4

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
18.86	22.86	650 CONGLOMERATIC ARGILLITE disseminated and irregular seams of pyrrhotite				
	18.86	19.86	88140	1.00	0.009	0.30
	19.86	20.86	88141	1.00	0.003	0.10
	20.86	22.86	88142	2.00	0.002	0.05

END OF HOLE @ 22.86 metres



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 2

DDH #: 920-39

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		13.10 fault slickenside 13.65 mylonitic texture along Qz carb. chl. vein 45 to C.A.				
13.70	22.34	690 TURBIDITE Thin layered, clastic sequence, more abundant. flame and clastic slumping observed on argillaceous layers. Core very fractured and broken. numerous faults. no distinctive alteration. few sparse carbonate chlorite veins 5 to 10 deg to C.A. 2 mm wide.				
		14.10 fault brittle 17.30 bedding 35 to C.A. 17.78 fault brittle 18.00 fault brittle 10 cm blocky 18.80-19.40 fault brittle blocks, gravelly fragments limits of coarse and fine argillic cycle. 20.92 open fracture containing euhedral crystals of pyrite. Fractures in lithicwacke. late pyrite related to low angle fault. 22.00 bedding 30 deg to C.A.				
22.34	24.38	640 LITHICWACKE-COARSE In first 40 cm clast up to 4 m average 2-2.5 cm  22.86 fault, brittle, blocks 2 cm-4 cm 24.38 fault, brittle, blocks angular 2 cm				
24.38	39.23	690 COARSE TURBIDITE highly faulted section, fine (silty argillite) get in argillitic sequence at the end of the interval (thin bedded argillite from 33.10-39.25) bedding 40 deg to C.A.  25.10-25.46 fault brittle blocky 26.10-26.30 fault sheared, schistose texture, chlorite (plastic deformation) 27.40-30.40 highly broken core, fault zone, gravel size blocks, core some fragment show slickenside				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 3

DDH #: 920-39

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		30.40-33.25 fault				
		33.25-33.40 intense fracturing, blocking, fault plane with slickenside present, 10-20% gouge.				
		Fault average angle 40 deg to C.A.				
		36.58 bedding of 25 deg to C.A.				
		35.05-35.35 fault brittle blocky in thin bedded silty argillite				
		35.90-36.18 fault brittle in thin bedded silty argillite. vein chlorite-carb-qz in the vicinity (1 cm wide)				
		37.90-38.10 Fault brittle slickenside obs. 30 deg C.A. <10% gauge in silty argillite				
39.23	39.90	632 CHLORITIC GREY GREYWACKE blocky broken core				
		39.23 Qz+carb vein 0.5 cm wide with pyrite on vein				
		39.62 bedding 80 deg to C.A.				
39.90	48.68	569 ZONE MATERIAL, MINERALIZATION <10% combined pyrite-pyrrhotite,qz,albite carb. alteration zone interrupt by small section of unaltered Greywacke (1-7.5 m)				
		41.65-41.70 vein carbonate, Qz, chlorite in G.W. pyrite present on vein plane.				
		39.90 bedding(70-80 deg to C.A.				
		40.50 fault slickenside in small Qz carb. vein 90 deg C.A.				
		48.68 fault vein structure 1 cm wide marking contact between zone material and conglomeratic argillite				
		39.00 40.00 late euhedral Py filling fract	26329	1.00	0.012	0.43
		40.00 41.00 late euhedral Py filling fract	26330	1.00	0.056	1.93
		41.00 42.00 late euhedral Py filling fract	26331	1.00	0.015	0.53
		42.00 43.00 late euhedral Py filling fract	26332	1.00	0.003	0.11
		43.00 44.00 late euhedral Py filling fract	26333	1.00	0.102	3.52
		44.00 45.00	26334	1.00	0.091	3.12
		45.00 46.00	26335	1.00	0.093	3.20
		46.00 47.00	26336	1.00	0.082	2.84
		47.00 48.68	26337	1.68	0.114	3.91

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 4

DDH #: 920-39

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
48.68	54.86	650 BLACK CONGLOMERATIC ARGILLITE Broken core, slately cleavage. veining 60-70 deg to C.A. 0.5 mm wide average Qz+carb with chlorite  54.00 bedding 65 deg to C.A.  1 mm to 10 mm clasts round to angular and elongated. supported in a dark argillite matrix, one chert boulder 9 cm wide.  48.70-48.90 Fault brittle in congl. arg. presence of graph  50.60-50.65 Fault, blocky, broken core 2 cm, brittle.  51.40-51.45 Fault, blocky, broken core 4 cm, brittle.  52.00-52.40 Fault, brittle, blocky broken core 4 cm.  53.50-53.75 Fault brittle blocky, slickenside, pyrite small vein Qz + Carb.  54.83-54.86 Fault slickenside vein qz + carb.				
48.68	49.50		26338	0.82	0.007	0.24

EOH



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 920N

**Diamond Drill Log**

**DDH #:** 920-40

Northing: 10920.00  
 Easting: 10467.80  
 Elevation: 820.60  
 Azimuth: 90  
 Inclination: -31  
 Grid: MINE  
 Length (m): 60.05  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
90	-31	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: NOV 7/95  
 Date completed: NOV 8/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE NO. 3 ZONE

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.00	640 LITHICWACKE Broken core lithicwacke vein 2 cm wide 0.90 m 45 to C.A., Qz + carb. slickenside on the contact with lithicwacke				
1.00	7.62	640 LITHICWACKE Lithicwacke poorly bedded, coarse graded, bedding < 15 to C.A. 4.00 fault, vein Qz + carb + chlorite 1 cm wide slickenside 25 deg to C.A. 7.62 vein, Qz + carb 3 cm wide, 40 deg to C.A. marking contact between Lithicwacke-Turbidite				
7.62	14.18	690 TURBIDITE (silty argillite), thin bedded slump, flame structure alteration pale grey brown to darker brown? bedding 75 deg to C.A. at 90 m 13.72 fault slickenside Qz + chlorite vein, sheared zone 14.18 fault brittle, numerous quartz carbonate veins 0.5 cm wide prepernd to C.A.				
14.18	18.55	681 SILTSTONE Thin bedded, bedding 65 to C.A., abundant veining quartz + carb., width 1 cm or less, 65 - 70 deg to C.A. randomly distributed along the sequence.				



1:

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 2

DDH #: 920-40

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		15.00 16.50	26339	1.50	0.038	1.31
		16.50 17.50	26340	1.00	0.002	0.08
		17.50 18.50	26341	1.00	0.013	0.44
18.55	18.90	531 WEAK ZONE MATERIAL Mineralized section, alt. of Qz + carb. + chl. low content in sx <3% pyrrhotite <1% pyrite. arsenopyrite observed locally, weakly brecciated.				
		18.50 19.50	26342	1.00	0.006	0.21
		19.50 20.50	26343	1.00	0.001	0.04
18.90	21.56	250 BLOCKY BRITTLE FAULT				
21.56	23.35	640 LITHICWACKE 22.86 fault slickenside, shearing plastic deformation mylonitic texture, Qz + carbonate				
23.35	24.38	660 PEBBLE CONGLOMERATE Deformed fragments, round up to 1 cm diameter ave 0.5 cm 24.38 shear mylonitic texture				
24.38	31.30	640 LITHICWACKE homogeneous silty argillite, poorly bedded 70 deg to C.A., coarse to fine				
31.30	35.64	620 SILTY ARGILLITE poorly bedded, disrupted rare vein present. bedding approx 90 to C.A. 35.64 fault brittle, joint structure, fracture subparallel to C.A.				
35.64	37.70	680 SILTSTONE Siltstone with some argillitic layers, brownish color with network of veins (3 ages) vein Qz + Carb. 0.5 cm wide. sequence well sorted. 36.50 vein network Qz + carb + chl narrow (0.5 cm) showing 3 stages of veining. Quartz carbonate veins become more abundant near the lower contact.				
37.70	39.60	632 CHLORITIC GREYWACKE				
		37.00 38.50	26344	1.50	0.006	0.20
		38.50 39.00	26345	0.50	0.001	0.05
39.60	59.24	541 ZONE MATERIAL				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 3

DDH #: 920-40

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		Average thickness of 10.5 m				
		The zone material is altered Qz+carb chlorite albite, pyrrhotite is the main sx. cpy veinlets are observed at 47.80 m same zone contains >20% Po, Py combined				
		34.60-40.26 1st Zone brecciated mylonitic Qz+carb+chl. alteration, mineralization >10% combined pyrite-pyrrhotite.				
		40.26 Fault sheared, brecciated, mylonitic, slickenside on small vein.				
		41.60 Quartz + carbonate vein, open fracture well formed calcite xtals subparallel to C.A.				
		47.50-48.2 2nd Zone quartz + carbonate+chlorite alteration brecciated, abundant sx >10% pyrrhotite <2% pyrite, chalcopyrite present in small veinlets.				
39.00	40.50		26346	1.50	0.074	2.54
40.50	42.00		26347	1.50	0.002	0.06
42.00	43.50		26348	1.50	0.009	0.29
43.50	45.00		26349	1.50	0.004	0.15
45.00	46.50	?	26350	1.50	0.001	0.03
46.50	47.50	?	26352	1.00	0.005	0.17
47.50	48.50		26353	1.00	0.082	2.84
48.50	49.50		26354	1.00	0.008	0.28
49.50	50.50		26355	1.00	0.067	2.32
50.50	51.50		26356	1.00	0.001	0.05
51.50	52.50		26357	1.00	0.036	1.24
52.50	54.00		26358	1.50	0.008	0.29
54.00	55.50		26359	1.50	0.010	0.26
55.50	56.50		26360	1.00	0.023	0.79
56.50	57.50		26361	1.00	0.016	0.56
57.50	58.50		26362	1.00	0.010	0.03
58.50	60.05		26363	1.55	0.045	1.55
		52.0-52.30 3rd alteration zone, weakly mineralized <3% pyrrhotite <1% pyrite, large vein Qz+carb+chl. slightly brecciated				
		56.29-56.69 4th alteration zone, weakly mineralized <3% pyrro <1% pyrite, chlorite + carb. abundant, mylonitic texture shear 15 to C.A.				
		58.50-59.24 5th alteration zone, Qz + carb + chl. slightly brecciated >3% pyrrhotite >1% pyrite.				
59.24	60.05	632 CHLORITIC GREYWACKE				
		60.0-60.05 shear mylonitic. slickenside on fault plane chloritic. 2-3 cm wide +/- 15 deg to C.A.				
		EOH				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 2

DDH #: 920-38

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		27.50 28.50	26310	1.00	0.001	0.03
		28.50 29.50	26311	1.00	0.014	0.47
		29.50 30.50 ???	26312	1.00	0.020	0.67
40.95	46.90	670 CONGLOMERATE 42.67 fault slickenside, narrow zone.				
46.90	47.60	680 SANDSTONE, SILTY ARGILLITE 46.90 fault slickenside 47.84 fault, brittle <10% gouge				
		47.00 48.00	26313	1.00	0.005	0.17
47.60	51.40	531 WEAK ALTERED ZONE <3% pyrrhotite <1% Py Qz+carb vein average 0.5 cm wide perpendicular to C.A. 51.82 m bedding 70 deg to C.A.				
		48.00 49.00	26314	1.00	0.002	0.07
		49.00 50.00	26315	1.00	0.001	0.02
		50.00 51.00	26316	1.00	0.001	0.02
		51.00 52.00	26317	1.00	0.004	0.13
51.40	53.70	680 SILTSTONE				
53.70	54.86	640 LITHICWACKE				

EOH



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 2

DDH #: 920-37

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
31.28	36.37	620 SILTY ARGILLITE  Multi-coloured silty argillite thin beds, silty local bedding disrupted approx. 60 deg to C.A. 34.50 fault brittle 36.37 fault brittle				
36.37	44.10	670 BOULDER CONGLOMERATE				
44.10	44.70	690 TURBIDITE  59.55 55 deg to C.A. 62.87 70 deg to C.A.				
	42.50	43.50	26326	1.00	0.010	0.34
	43.50	44.50	26304	1.00	0.045	1.54
44.70	45.50	531 ALTERED ZONE MATERIAL  44.70-45.50 altered mineralized zone <3% pyrrhotite to <1% pyrite				
	44.50	45.50	26305	1.00	0.014	0.47
45.50	70.10	690 TURBIDITE  45.50 46.50				
	45.50	46.50	26306	1.00	0.005	0.18
70.10	84.30	632 PALE OLIVE GREEN GREYWACKE  disrupted bedding altered pale olive to black poorly veined. chlorite veining, brecciated				
84.30	86.00	659 BRECCIATED CONGLOMERATE  deformed mylonitic - weakly				
86.00	91.44	610 SILTY ARGILLITE  silty argillite, pyrrhotite pyrite <1% vein parallel to bd 87.20 bedding 53 deg to C.A.				
		EOH				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 920N

**Diamond Drill Log**

**DDH #:** 920-36

Northing: 10920.36  
 Easting: 10467.88  
 Elevation: 819.95  
 Azimuth: 85.5  
 Inclination: -60  
 Grid: MINE  
 Length (m): 85.34  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLE

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
85.5	-60	0

Property: LADNER  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: OCT 21/95  
 Date completed: OCT 22/95  
 Logged by: JFP

**Purpose:** TO INVESTIGATE SECTION 920N

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	7.62	640 LITHICWACKE poorly bedded, well sorted. Qz+carb vein perpendicular to C.A. 1 cm thick				
		1.52 fault broken core				
7.62	14.40	690 TURBIDITE, SILTY ARGILITE				
		8.37 8.40 sx bed mainly pyrrhotite parallel to bedding				
		12.00 60 deg bedding to C.A.				
14.40	16.97	640 LITHICWACKE coarse, ending with 1 m of silty argillite				
16.97	23.54	670 BOULDER CONGLOMERATE boulder conglomerate clast supported argillic matrix fragments deformed angular < 4 cm alteration of some, color of argillitic bed is pale green, brown pale, black, silty . Bedding 55 deg to CA				
23.54	26.76	660 PEBBLE CONGLOMERATE well rounded pebbles, deformed elongated parallel to lithology, 1 cm clast, silty matrix.				
26.76	30.48	642 LITHICWACKE - CHLORITIC				
		28.00 28.30 <10% pyrrhotite in 30 cm zone poorly bedded 50 deg to C.A. approx.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 2

DDH #: 920-36

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
30.48	33.64	620 SILTY ARGILITE				
33.64	36.68	541 SILTSTONE- WEAK ZONE MATERIAL siltstone, alteration, weak mineralization <3% pyrrhotite, Qz + carbonate tin veining 1 to C.A.				
		33.64-34.30 alteration zone				
	32.50	33.50	26284	1.00	0.006	0.20
	33.50	34.50	26285	1.00	0.038	1.30
	34.50	35.50	26286	1.00	0.016	0.55
36.68	40.00	620 SILTY ARGILLITE thin veining Qz + carbonate 1 +/- to C.A. dark sequence				
40.00	50.00	541 WEAK ALTERATION ZONE				
	40.00	41.00	26287	1.00	0.015	0.52
	41.00	42.00	26288	1.00	0.002	0.07
	42.00	43.00	26289	1.00	0.058	2.00
	43.00	44.50	26290	1.50	0.004	0.13
	44.50	46.00	26291	1.50	0.007	0.23
	46.00	47.50	26292	1.50	0.014	0.48
	47.50	49.00	26293	1.50	0.001	0.04
	49.58	50.00 weak alteration zone				
	49.00	50.00	26294	1.00	0.021	0.73
50.00	58.49	632 DARK GREEN CHLORITIC GREYWACKE  dark green chloritic greywacke, flow Qz carbonate vein 30 - 45 to C.A up to 8 cm wide				
	50.00	51.00	26295	1.00	0.002	0.09
	57.00	58.00	26296	1.00	0.001	0.04
		53.34 fault slickenside fill of Qz + carb. + chl. 70 > to C.A. (minor)				
58.49	58.84	541 WEAK ALTERATION ZONE  Quartz - carb- chl <3% Po, <1% Py				
	58.00	59.00	26297	1.00	0.003	0.12
58.84	62.80	422 ALTERED GREEN ANDESITE agglomerate brecciated locally fragmented 2 cm				
	59.00	60.00	26298	1.00	0.001	0.02



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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 3

DDH #: 920-36

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
62.80	85.34	650 CONGLOMERATIC ARGILLITE				

Pebbles and boulders in an argillite matrix

58.28 fault brittle 15.0 cm broken core

70.00 fault brittle 20 cm broken core

71.50 fault subparallel to C.A. slickenside

71.70 bedding > 10 deg to C.A.

EOH



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 920N

Page: 2

DDH #: 920-35

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
26.00	27.00		26263	1.00	0.074	2.57
27.00	28.00		26264	1.00	0.045	1.55
28.00	29.00		26265	1.00	0.029	1.01
29.00	30.00		26266	1.00	0.026	0.90
30.00	31.00		26267	1.00	0.051	1.77
31.00	32.00		26268	1.00	0.019	0.65
32.00	33.00		26269	1.00	0.033	1.13
33.00	34.00		26270	1.00	0.052	1.81
34.00	35.00		26271	1.00	0.011	0.39
35.00	36.50	green greywacke	26272	1.50	0.001	0.02
36.50	37.50		26273	1.00	0.006	0.22
37.50	38.50		26274	1.00	0.031	1.06
38.50	39.50	green greywacke	26275	1.00	0.046	1.60
39.50	41.00		26276	1.50	0.001	0.03
41.00	42.00		26277	1.00	0.048	1.67
42.00	43.00		26278	1.00	0.008	0.28
43.00	44.00		26279	1.00	0.001	0.01
44.00	45.00		26280	1.00	0.012	0.43
45.00	46.00		26281	1.00	0.025	0.87
46.00	47.00		26282	1.00	0.003	0.12
47.00	48.00		26283	1.00	0.006	0.20
47.24	50.29	632 CHLORITIC GREYWACKE				

EOH

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934 N

Page: 2

DDH #: LD934-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
12.04	23.01	472 VERY CHLORITIC AMYGDALOIDAL ANDESITE - amygdules relict but discernable quartz and calcite veining throughout but mainly to 16.00.				
	12.04	13.00	88269	0.96	0.002	0.06
	13.00	14.00	88270	1.00	0.001	0.02
	14.00	15.00	88271	1.00	0.001	0.01
	15.00	16.00	88272	1.00	0.001	0.01
		- relatively uniform from 18.00 to 21.75, then more calcite filled shearing more common - lower contact sheared at 70 deg. to C.A.				
23.01	24.13	692 CHLORITIC GREEN TURBIDITE - fine grained, fault block but interval not shattered, chloritic filled sheared, lower contact 30 deg., brownish alteration at bottom - fault block				
24.13	30.48	472 CHLORITIC ANDESITE - porphyroblasts evenly distributed throughout relatively uniform				

END OF HOLE. 30.48 (100 feet)



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 934 N

**Diamond Drill Log**

**DDH #:** LD934-1

Northing: 10934  
 Easting: 10505  
 Elevation: 877  
 Azimuth: 270  
 Inclination: 20  
 Grid: MINE  
 Length (m): 30.48  
 Core size: ATK  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
270	20	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 16/96  
 Date completed: JAN 17/96  
 Logged by: JTS

**Purpose:** NEW ORE BLOCK SUGGESTED FROM LONG HOLES FROM 800 LEVEL.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	0.60	910 CASING				
0.60	1.90	691 ALTERED GREY TURBIDITE - some quartz-albite veining, relatively uniform appearance, "greywacke", traces of relict lithic clasts				
	0.60	1.00	88257	0.40	0.001	0.02
	1.00	1.90	88258	0.90	0.011	0.38
1.90	12.04	521 ZONE MATERIAL - at top hole at 0 deg. to C.A. along zone material in and out of zone to 2.40 - abundant albite-quartz-carbonate alteration, minor sections with relict bedding is preserved - lower contact faulted.				
	1.90	3.00	88259	1.10	0.085	2.93
	3.00	4.00	88260	1.00	0.089	3.07
	4.00	5.00	88261	1.00	0.040	1.36
	5.00	6.00	88262	1.00	0.059	2.02
	6.00	7.00	88263	1.00	0.033	1.14
	7.00	8.00	88264	1.00	0.003	0.11
	8.00	9.00	88265	1.00	0.011	0.38
	9.00	10.00	88266	1.00	0.002	0.07
	10.00	11.00	88267	1.00	0.024	0.81
	11.00	12.04	88268	1.04	0.005	0.17
		qtz bx, 5% Py & Po, Aspy - secondary "late-stage" pyrite filling fractures at 3.90, bedding at 6.15 is 0 deg. to C.A., at 4.30 is 25 deg. to C.A., lower contact gouge on fault at 5 deg. to C.A. 11.40 - 11.64				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934 N

Page: 2

DDH #: LD934-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
9.20	20.92	541 ZONE MATERIAL - abundant albite-quartz-carbonate alteration, well mineralized, veined and brecciated - bedding at 13.00 is 0 deg. to core axis but mostly graywacke host				
	9.20	10.00 Py dominates > 10%	88282	0.80	0.011	0.37
	10.00	11.00 crs splotches of Po, mainly Po, trace of Py	88283	1.00	0.003	0.10
	11.00	12.00 sparse Py & Po & cpy, some veinlets	88284	1.00	0.005	0.16
	12.00	13.00 sparse Py & Po, bedding relicit	88285	1.00	0.007	0.25
	13.00	14.00 Po dominates	88286	1.00	0.005	0.16
	14.00	15.00 less albite, more chloritic	88287	1.00	0.018	0.62
	15.00	16.00 very chloritic, less albite	88288	1.00	0.028	0.97
	16.00	17.00 fine grained Po >8%	88289	1.00	0.005	0.18
	17.00	18.00 vey chloritic, sheared 10 deg.	88290	1.00	0.014	0.47
	18.00	19.00 sheared at 10 deg. to C. A., Po & Py	88291	1.00	0.018	0.60
	19.00	20.00 sheared some graphite, Po	88292	1.00	0.034	1.15
	20.00	20.92 graphite in fractures; Py & Po  - more arsenopyrite in 20.00 - 20.92 - bedding at 20.10 is 70 deg. to C.a. with evely disseminated Py, Po & Aspy - fault zone at 19.47 slight graphite & gouge and also 19.25 - secondary late stage pyrite at 9.45 - veining at 12.80 is 10 deg. to C.A. and also at 90 deg. to C.A. - veining at 15.35 is at 30 deg. to C.A., bedding at 14.80 is 0 deg. to C.A.	88293	0.92	0.016	0.56
20.92	26.47	429 SHEARED ANDESITE - light brownish green, highly brecciated with calcite, minor sulphides, shearing at 30 deg. to core axis.				
	20.92	22.00 some albite, abundant Po, > 8%	88294	1.08	0.002	0.08
	22.00	23.00 chlortic slickensides	88295	1.00	0.001	0.04
	23.00	24.00 lots of CaCo3	88296	1.00	0.001	0.01
	24.00	25.00 minor diss. Po	88297	1.00	0.001	0.01
	25.00	26.00 Minor diss Po - very fined grained 24.00 and below with abundant white calcite throughout	88298	1.00	0.001	0.03

1:

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934 N

Page: 3

DDH #: LD934-2

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
26.47	30.48	429 LESS SHEARED ANDESITE - uniformly green, cut by short sections of calcite shearing - calcite zones mainly at 29.82 - 30.04 and 30.36 to 30.48.				

END OF HOLE. 30.48 m (100 feet)





# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

**SECTION** 934N

**Diamond Drill Log**

**DDH #:** LD934-3

Northing: 10934  
 Easting: 10505  
 Elevation: 875  
 Azimuth: 270  
 Inclination: -50  
 Grid: MINE  
 Length (m): 35.05  
 Core size: AQ THINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULER

Azimuth	Dip	Depth
270	-50	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: JAN 15/96  
 Date completed: JAN 16/96  
 Logged by: DGC

**Purpose:**

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)	
0.00	0.61	910 CASING					
0.61	3.20	620 SILTY ARGILLITE - fine laminated argillaceous beds - bedding 45 deg. to Core Axis					
3.20	5.27	642 LITHICWACKE - coarse grain arg./wacke contact 30 deg. to CA, chloritic alternation					
5.27	11.20	682 CHLORITIC SILTSTONE - much of the bedding is contorted, sheared and fragmented @ 6.10, 0.40 m of breccia - shearing and faulting is 10-15 deg. to CA - between 7.62-10.67 remenant beds parallel to CA with qtz veining and assoc. minor Py + Po					
	7.62	8.62	sheared arg. & qtz, minor Py	88354	1.00	0.001	0.01
	8.62	9.62		88355	1.00	0.001	0.03
	9.62	10.67	Py + Po	88356	1.05	0.020	0.70
	10.67	12.19		88357	1.52	0.025	0.84
11.20	13.70	682 CHLORITIC SILTSTONE BRECCIA intensely brecciated, chloritic ground matrix					
13.70	15.64	682 CHLORITIC SILTSTONE foliated 80-85 to CA					
15.64	18.29	642 CHLORITIC LITHICWACKE					

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934N

Page: 2

DDH #: LD934-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
18.29	22.86	682 CHLORITIC SILTSTONE - finely laminated, bedding 80 deg. to CA - increasing more to silicification - irregular albite/qtz stringers - minor sulphides				
	17.30	18.29 chloritic siltstone	88358	0.99	0.004	0.15
	18.29	19.30 siliceous Py + Po 3-5%	88359	1.01	0.004	0.14
	19.30	20.50	88360	1.20	0.005	0.17
		- between 21-85-22.86 fault-shearing 70 deg. to CA - cleavage and slickensides parallel to bedding planes				
22.86	35.05	541 ZONE MATERIAL (WEAK TO MODERATE) - chloritic siliceous siltstone, albite-qtz-calcite veins & stringers, creamy light brownish, siliceous brecciated siltstone				
	22.86	24.00 creamy, siliceous siltstone, Py + Po ~ 3%	88361	1.14	0.004	0.12
	24.00	25.00	88362	1.00	0.005	0.18
	25.00	26.00 pervasive silicification, crinkled laminated	88363	1.00	0.010	0.36
	26.00	27.00 siltstone, Py + Po 2-3%	88364	1.00	0.043	1.48
	27.00	28.00 qtz/albite veinlets w/dessim. cubic Py 2-3%	88365	1.00	0.035	1.22
	28.00	29.00	88366	1.00	0.008	0.29
	29.00	30.00 altered siltstone breccia fragments	88367	1.00	0.061	2.10
	30.00	31.00 disseminated & fine stringers of Py +	88368	1.00	0.036	1.24
	31.00	32.00 chalcopy 2-3%	88369	1.00	0.114	3.91
	32.00	33.00 siliceous zone material	88370	1.00	0.051	1.76
	33.00	34.00 predominately pyrite in stringers	88371	1.00	0.180	6.17
	34.00	35.05	88372	1.05	0.009	0.31

END OF HOLE @ 35.05 metres (115 ft)



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 934N

**Diamond Drill Log**

**DDH #:** LD934-4

Northing: 10934  
 Easting: 10505 ✓  
 Elevation: 875 ✓  
 Azimuth: 270  
 Inclination: -30  
 Grid: MINE  
 Length (m): 138.99  
 Core size: ATK  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-30	0
270	-35	80

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: JAN 26/96  
 Date completed: JAN 27/96  
 Logged by: JFP

Purpose: TO INVESTIGATE ZONE WEST OF 800 LEVEL.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.20	691 ALTERED TURBIDITE - greenish-grey albite-quartz, weakly sheared, 0.5m coarse cycle, 1.00 bedding 35 deg. to CA, 3.00 bedding 10 deg. to CA				
4.20	4.22	239 FAULT ~ 20% gouge, brecciated quartz albite carbonate, ~ 45 deg. to CA				
4.22	9.88	681 SILTSTONE - pale to dark grey, fine poorly bedded ~ 20 deg. to CA, weak alteration quartz & albite				
	8.88	9.88 weak alterate siltstone	152067	1.00	0.008	0.29
9.88	19.08	521 ZONE MATERIAL - quartz-albite-carbonate and chlorite alteration in bleached-brecciated siltstone, 3-10% pyrite and 1-3% pyrrhotite and Arsenopyrite < 1%, the pyrite is coarse 0.5 1.0mm and euhedral, 13.72-14.20, sheared section 30 deg. to CA				
	9.88	10.88 alt. siltstone, low sulfides	152068	1.00	0.060	2.05
	10.88	11.88 strong alteration, low sulfides	152069	1.00	0.028	0.97
	11.88	12.88 alterate with fine sulfides	152070	1.00	0.026	0.89
	12.88	13.88 sheared zone	152071	1.00	0.039	1.34
	13.88	14.88 breccia Py & Po (50%)	152072	1.00	0.080	2.73
	14.88	15.88 breccia Py & Po (50%)	152073	1.00	0.086	2.96
	15.88	16.88 breccia Py & Po (50%)	152074	1.00	0.077	2.64
	16.88	17.88 breccia Py & Po (50%)	152075	1.00	0.030	1.01
	17.88	18.88 altered siltstone. low sulphides, fractured	152076	1.00	0.009	0.31

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934N

Page: 2

DDH #: LD934-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
19.08	30.92	681 ALTERED SILTSTONE - grey to greenish grey - locally weak quartz albite carbonate alteration with 3-5% sulphides, mainly pyrite - fractured section, thin bedded, ~ 35% to CA				
19.08	20.09	siltstone, fractured	152077	1.01	0.007	0.23
20.09	21.00	fractured siltstone	152078	0.91	0.007	0.25
21.00	22.00	brecciated siltstone, Py & Po	152079	1.00	0.028	0.97
22.00	23.50	fractured altered siltstone	152080	1.50	0.016	0.54
23.50	25.00	fractured siltstone	152081	1.50	0.001	0.04
25.00	26.50	altered siltstone	152082	1.50	0.007	0.25
26.50	28.00	altered siltstone	152083	1.50	0.006	0.20
28.00	29.00	altered, dark siltstone, Py	152084	1.00	0.006	0.19
29.00	30.00	altered, dark siltstone, Py vein	152085	1.00	0.002	0.08
30.00	30.92	altered, dark siltstone, Py & Po graphitic alteration	152086	0.92	0.002	0.05
	30.91 - 30.92	fault, slickensides, graphitic				
30.92	48.00	429 ALTERED ANDESITE - light brownish green, brecciated with calcite and sulphides near contact - sulphides become minor and disseminated, mainly pyrrhotite				
30.92	31.92	abundant Po > 5%	152087	1.00	0.002	0.08
31.92	32.92	weakly brecciated, low sulphides	152088	1.00	0.001	0.02
32.92	33.92	brecciated fine disseminated, Po < 3%	152089	1.00	0.001	0.02
33.92	34.92	weakly brecciated, low sulphides	152090	1.00	0.001	0.01
34.92	35.92	weakly brecciated, low sulphides	152091	1.00	0.003	0.12
35.92	36.92	weakly brecciated, low sulphides	152092	1.00	0.003	0.12
36.92	37.92	fine dissemin. Po, (brownish)	152093	1.00	0.001	0.02
37.92	38.92	fine dissemin. Po, (brownish)	152094	1.00	0.004	0.14
38.92	39.92	weakly brecciated, low sulphides	152095	1.00	0.002	0.08
39.92	40.92	weakly brecciated, low sulphides	152096	1.00	0.001	0.03
	31.44 - 31.46	Fault - gouge soapy texture, pale green colour, 60 deg. to CA				
	36.08 - 36.10	Fault - 10-25% gouge, in qtz & carbonate breccia and pyrite, 60 deg. to CA				
	34.46 - 40.00	FAULT - slickensides, fractured core, chlorite fibres & calcite veinlets, in weakly brecciated zone.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934N

Page: 3

DDH #: LD934-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
48.00	82.35	422 CHLORITIC ANDESITE - green grey uniform colour cut by small vein of calcite (60 deg. to CA. average) coarse texture.				
82.35	107.11	432 TUFFACEOUS ANDESITE - creamy green with brownish tints, aphanitic, chloritic alteration, numerous sheared mylonitic zone, 4 to 10 cm wide, fill with calcite and chlorite, 30-35 deg. to CA  - 96.13-96.20 FAULT - slickensides, calcite & chlorite, broken core, ~30 deg. to CA - 96.63-96.80 FAULT - slickensides broken core, chlorite fibres - 98.0-98.15 FAULT - > 10% gouge 45 deg. to CA				
107.11	107.31	243 FAULT (rehealed) < 10% gouge, carbonate & chlorite vein				
107.31	119.73	433 TUFFACEOUS ANDESITE - green-brownish tint, carbonate alteration, slightly brecciated carbonate & quartz & chlorite				
	119.75	119 brecciated andesite	152097	1.00	0.014	0.47
119.73	126.70	574 ZONE MATERIAL - quartz breccia, more than 90% quartz with some minor amount of chlorite and carbonate and albite in fractured and in intensely digested fragments of volcanics and/or siltstone - arsenopyrite major sulphide < 3%, encountered along fracture and digested fragments with minor amounts of pyrite.				
	119.75	120.70 quartz, minor arsenopyrite	125098	0.95	0.051	1.76
	120.70	121.70	125099	1.00	0.041	1.42
	121.70	122.70 fractured, chloritic	125100	1.00	0.132	4.52
	122.70	123.70 quartz, As. minor	125101	1.00	0.163	5.58
	123.70	124.70 smooky quartz, brownish	125102	1.00	0.026	0.88
	124.70	125.70 smooky quartz, As & Py < 5%	125103	1.00	0.026	0.88
	125.70	126.70 smooky quartz, As & Py < 5%	125104	1.00	0.008	0.27

Handwritten notes and calculations:

- 152
- $\times 1.76 = 1.59$
- 1.86 g Au
- 10.98 m

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 934N

Page: 4

DDH #: LD934-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
126.70	130.73	564 ZONE MATERIAL - dark grey mineralized zone, brecciated intensely silicified siltstone with 8-10% sulphides: pyrite, pyrrhotite, and arsenopyrite, late stage pyrite veinlets.				
126.70	127.70	silicified siltstone > 10% sulfides	152 125105	1.00	0.066	2.26
127.70	128.70	Po & Py & Arsenopy > 10%	125106	1.00	0.015	0.53
128.70	129.70		125107	1.00	0.034	1.16
129.70	130.73	quartz abundant & sulphides	125108	1.03	0.036	1.24
130.73	138.99	684 ALTERED SILTSTONE - brownish-grey silicified siltstone, slightly mineralized, mainly with pyrrhotite 5-8% local pyrite and rare arsenopyrite, chalcopyrite observed				
130.73	131.73	altered siltstone, 8% Po, Py	152109	1.00	0.020	0.68
131.73	132.73	altered siltstone 5% Po, Py & Chlpy	152110	1.00	0.014	0.49
132.73	133.73	< 3% Po	152111	1.00	0.019	0.63

Handwritten notes: 152, 1.24 x 1.24 = 1.23

END OF HOLE @ 138.99 m (456 ft)



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 966 N

**Diamond Drill Log**

**DDH #:** LD966-1

Northing: 10966  
 Easting: 10511  
 Elevation: 878.5  
 Azimuth: 270  
 Inclination: -20  
 Grid: MINE  
 Length (m): 30.48  
 Core size: ATK  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-20	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 16/96  
 Date completed: JAN 16/96  
 Logged by: JTS

**Purpose:** NEW ORE BLOCK SUGGESTED FROM LONG HOLES FROM 800 LEVEL.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	12.10	692 GREEN THIN BEDDED TURBIDITE - green overall, chloritic, well defined thin bedded to laminated, bedding averages 70 deg. to C.A. - some bedding convoluted at 3.15, minor quartz veining and shoring at 3.25 - also quartz veining at 4.35, steady increase in calcite veinlets from 4.35 and down in association iwth abundant chlorite on slickensides especially 6.00 and down, short lithicwacke section 7.42 - 7.95 crude bedding at 30 deg. to C.A. - more intense brecciation and carbonate vein-shattering 9.00 to lower contact.				
	9.00	10.00 CaCo3	88240	1.00	0.007	0.23
	10.00	11.00 Chl & CaCo3	88241	1.00	0.001	0.03
	11.00	12.10 Chl & CaCo3 contact at increase in quartz veining	88242	1.10	0.001	0.03
12.10	17.50	511 WEAK ZONE MATERIAL - increase in quartz veining & albite - sparse sulphides in a graywacke host but short sections of less altered turbidite are present - gradual increase to more intense quartz-albite-carbonate to 15.29-17.24				
	12.10	13.00 albite qtz	88243	0.90	0.001	0.01
	13.00	14.00 low sulphides	88244	1.00	0.004	0.13
	14.00	15.00 low sulphides	88245	1.00	0.001	0.01
	15.00	16.00 more Ab & Py, Po	88246	1.00	0.004	0.13
	16.00	17.00 more Ab & Py, Po	88247	1.00	0.035	1.21
	17.00	17.50 less Py, Po	88248	0.50	0.043	1.47

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 966 N

Page: 2

DDH #: LD966-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
17.50	22.90	692 CHLORITIC GREEN TURBIDITE - well bedded. bedding contorted 10 deg. to C.A.. abundant chlorite - short sections of 10 - 20 cm of increased quartz veining throughout				
	17.50	18.00 low sulphides	88249	0.50	0.010	0.33
	18.00	19.00 low sulphides	88250	1.00	0.015	0.51
	19.00	20.00 shearing common	88251	1.00	0.014	0.47
	20.00	21.00 shearing common	88252	1.00	0.012	0.41
	21.00	22.00 shearing common	88253	1.00	0.038	1.30
	22.00	22.90 minor albite-qtz minor lithiawacke at 19.95 - 20.10 altered contact over 25 cm.	88254	0.90	0.009	0.33
22.90	30.48	472 CHLORITIC AMYGDALOIDAL ANDESITE - relatively uniform. abundant chlorite, more amygules near top of interval				
	22.90	24.00	88255	1.10	0.002	0.07
	24.00	25.00	88256	1.00	0.002	0.05
		lithophyte at 27.10, gougy fractures fault at 29.90 - 30.10, 0 deg. to C.A.				

END OF HOLE, 30.48m (100 feet)







ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 966N

Page: 2

DDH #: LD966-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
13.75	21.60	632 CHLORITIC GRAYWACKE - very chloritic, somewhat sheared in upper 1 m., relatively uniform - minor albite-quartz-carbonate alteration - very low sulphides					
	13.75	15.00	qtz-albite	88428	1.25	0.006	0.21
	15.00	16.00		88429	1.00	0.016	0.55
	16.00	17.00		88430	1.00	0.004	0.14
	17.00	18.00		88431	1.00	0.003	0.09
	18.00	19.00	minor qtz-albite	88432	1.00	0.001	0.03
	19.00	20.00		88433	1.00	0.001	0.02
	20.00	21.60		88434	1.60	0.001	0.01
		shearing 19.95-20.10, quartz healed, sheared lower contact					
21.60	24.38	432 ANDESITE VOLCANIC AGGLOMERATE - well developed rounded fragments, up to 20 cm and in diameter chilled margins.					
	21.60	23.00		88435	1.40	0.001	0.05

END OF HOLE @ 24.38 m (80 ft)



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11000N

**Diamond Drill Log**

**DDH #:** 11000-1

Northing: 11000  
 Easting: 10515  
 Elevation: 877  
 Azimuth: 90  
 Inclination: -38  
 Grid: MINE  
 Length (m): 30.18  
 Core size: AQTHINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
90	-38	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 5/96  
 Date completed: JAN 6/96  
 Logged by: DGC

Purpose:

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.25	680 SILTSTONE finely laminated also with fine argillaceous laminations. bedding low angle to CA 15-18 deg. mineralized qtz vein @1.74 m, 0.15 m thick				
		0.90 2.40	128397	1.50	0.001	0.01
4.25	6.70	682 CHLORITIC SILTSTONE bedding parallel to CA-minor lithic fragments - unmineralized or minor Py <1%				
6.70	7.10	250 BRITTLE FAULT crushed and broken siltst-fault appears to be 75-80 deg to CA				
7.10	8.84	682 CHLORITIC SILTSTONE broken and fracture- unmineralized				
8.84	9.54	250 BRITTLE FAULT intensely fractured and broken siltst minor gouge <10% @9.54 m angle fault difficult to determine, possibly 45-50 deg to CA				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
9.54	14.32	682 SILTSTONE chloritic, partly graphitic finely laminated. and bedding 60-65 deg to CA minor thin qtz and chloritic veins cleavage parallel to bedding planes				
14.32	19.32	681 SILTSTONE (WEAK ZONE MATERIAL) chloritic & partly silicified. sections brownish in colour. possible iron carbonate alteration. finely disseminated Py + Po and minor very arsenpy. minor thin qtz and albite veinlets				
	14.32	15.32 silicified w/thin stringers	128397	1.00	0.001	0.01
	15.32	16.32 of Po and finely dissem	128398	1.00	0.007	0.23
	16.32	17.32 Po + Py 5-10% arsenpy	128399	1.00	0.004	0.13
	17.32	18.32 <3%	128400	1.00	0.001	0.01
	18.32	19.32	128401	1.00	0.003	0.10
19.32	24.90	682 CHLORITIC SILTSTONE finely laminated with thin stringers of argillite. some scouring and soft sediment collapse features. Around the collapse features, there is also thin argillite/siltst cross bedding features. occasional hairline qtz veinlets. bedding is fairly constant between 30-40 deg to CA. increasing in silicification near bottom of section				
	19.32	20.32	128402	1.00	0.025	0.87
24.90	30.18	681 ALTERED SILTSTONE siliceous alteration, bedding 35-40 deg to CA qtz vein assoc. w/pyrrhotite blebs and small seams. minor Py and fine specs of arsenpy				
	24.90	25.90 Po 5-8% weak zone material	128403	1.00	0.006	0.21
	25.90	26.90 Po + minor Py <3%	128404	1.00	0.004	0.14
	26.90	27.90 weak zone material	128405	1.00	0.015	0.50
	27.90	28.66	128406	0.76	0.027	0.92
	28.66	30.18 0.5 m of qtz breccia z/m fine dissem Po + Py + arsenpy 5-10%	128407	1.52	0.015	0.52

END OF HOLE @30.18 METRES



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
26.70	27.33	680 ALTERED SILTSTONE finely laminated. bedding constant between 45-50 deg to CA				
27.33	28.59	252 BRITTLE FAULT crushed and badly broken chloritic siltst. probable fault- fracture zone with chloritic slickensides				
28.59	33.14	660 PEBBLE CONGLOMERATE chaotic pebble, lithic fragment, chloritic-silicified siltstone matrix. minor qtz veins disseminated Po+Py 3-5%				
	28.59	29.59	128353	1.00	0.003	0.11
	29.59	30.59	128354	1.00	0.005	0.17
	30.59	32.00	128355	1.41	0.002	0.05
	32.00	33.14	128356	1.14	0.012	0.42
33.14	42.40	691 ALTERED TURBIDITE (WEAK ZONE MATERIAL) pervasively silicified, numerous hairline-qtz/albite stringers. In part chaotic appearance including confluted and fragmented purple-brownish (possible ankeritic/sideritic alteration) siliceous turbidite along w/confluted qtz veining. sections of finely disseminated Py+Po >10%				
	33.14	34.14	128357	1.00	0.019	0.64
	34.14	35.14	128358	1.00	0.024	0.84
	35.14	36.14	128359	1.00	0.010	0.33
	36.14	37.14	128360	1.00	0.002	0.07
	37.14	38.14	128361	1.00	0.010	0.34
	38.14	39.14	128362	1.00	0.023	0.79
	39.14	40.14	128363	1.00	0.007	0.23
	40.14	41.16	128364	1.02	0.005	0.18
	41.16	42.16	128365	1.00	0.027	0.93
42.40	48.00	254 BRITTLE FAULT badly broken core sections-probable fault-fractures silicified and mineralized turbidite				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
48.00	55.86	694 SILICEOUS MAROON COLORED TURBIDITE weak zone material				
	42.16	43.16	128366	1.00	0.012	0.41
	43.16	44.21	128367	1.05	0.010	0.33
	44.21	45.21	128368	1.00	0.023	0.81
	45.21	46.21	128369	1.00	0.023	0.80
	46.21	47.26	128370	1.05	0.009	0.31
	47.26	48.26 siliceous turbidite-finely dissem Po>5%	128371	1.00	0.013	0.45
	48.26	49.26 dissem. and veinlets Po 5-10%	128372	1.00	0.001	0.05
	49.26	50.30	128373	1.04	0.017	0.58
	50.30	51.30 siliceous maroon coloured turbidite	128374	1.00	0.025	0.86
	51.30	52.30 w/Po and microveinlets of qtz+albite	128375	1.00	0.025	0.87
	52.30	53.35	128376	1.05	0.035	1.21
	53.35	54.35 siliceous and qtz/albite microveinlets +Po	128377	1.00	0.015	0.53
	54.35	55.86 5-8%	128378	1.51	0.014	0.47
55.86	60.96	681 ALTERED SILTSTONE silicified, finely laminated. bedding low angle to CA 10-15 deg. finely disseminated pyrrhotite throughout also sections of narros (<2 mm) qtz veins and hairline qtz/albite microveinlets				
	55.86	56.86 pervasive silicification predominably	128379	1.00	0.002	0.06
	56.86	57.91 5-8%	128380	1.05	0.001	0.05
	57.91	58.91	128381	1.00	0.001	0.05
	58.91	59.91 fine dissem Po>5% chalcopy blebbs <1%	128382	1.00	0.001	0.03
	59.91	60.96	128383	1.05	0.001	0.01
60.96	74.68	561 ZONE MATERIAL (WEAK TO MODERATE)				
	60.96	61.96 moderate z/m dissem. Py+Po >10%	128384	1.00	0.001	0.02
	61.96	62.96 fine arsenopy 2-4%	128385	1.00	0.029	1.00
	62.96	64.00 weak z/m altered siltst, bedding	128386	1.04	0.059	2.04
	64.00	65.00 45-50 deg to CA, Py+Po <3-4%	128387	1.00	0.012	0.40
	65.00	66.00	128388	1.00	0.001	0.04
	66.00	67.00 silicified silts occasional qtz/albite	128389	1.00	0.003	0.10
	67.00	68.00 stringer Py+Po <3%	128390	1.00	0.001	0.01
	68.00	69.00 moderate z/m, qtz/albite veins, fine	128391	1.00	0.007	0.24
	69.00	70.00 Py+Po 5-10%	128392	1.00	0.001	0.01
	70.00	71.00	128393	1.00	0.001	0.01
	71.00	72.00	128394	1.00	0.012	0.42
	72.00	73.50 moderate z/m qtz veins, fine dissem.	128395	1.50	0.064	2.18
	73.50	74.68 Py+Po >5% and arsenopy 2-4%	128396	1.18	0.049	1.68

END OF HOLE @74.68 METRES





ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-52

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
14.16	16.46	660 PEBBLE CONGLOMERATE Mineralized. 2 mm diameter round clasts. silicification. chlorite. argillite. quartz calcite volcanic clasts.				
	13.00	14.16	26576	1.16	0.025	0.85
	14.16	15.00	26577	0.84	0.052	1.78
	15.00	16.00	26578	1.00	0.012	0.43
16.46	29.80	564 ZONE MATERIAL Mineralization. >3% pyrrhotite >1% pyrite. occurs in matrix or along grain boundaries or along small qz veinlets. Arsenopyrite is present but less common than in the first mineralized section. Pyrite euhedral. Chalcopyrite present closely associated with the pyrrhotite. ZM highly brecciated. silicified. silty argillite disrupted. fractured. faulted section. arsenopyrite increases to the latter contact.				
	16.00	17.00	26579	1.00	0.030	1.05
	17.00	18.00	26580	1.00	0.032	1.09
	18.00	19.00	26581	1.00	0.006	0.21
	19.00	20.00	26582	1.00	0.003	0.09
	20.00	21.00	26583	1.00	0.003	0.10
	21.00	22.00	26584	1.00	0.089	3.08
	22.00	23.00	26585	1.00	0.001	0.05
	23.00	24.00	26586	1.00	0.020	0.69
	24.00	25.00	26587	1.00	0.018	0.61
	25.00	26.00	26588	1.00	0.019	0.66
	26.00	27.00	26589	1.00	0.025	0.86
	27.00	28.00	26590	1.00	0.017	0.57
	28.00	29.00	26591	1.00	0.051	1.75
	29.00	30.00	26592	1.00	0.054	1.87
29.80	33.10	254 QUARTZ CARBONNATE VEIN BRECCIA Sheared. marking contact with conglomeratic silty argillite. 29.70-30.30 Fault: 10-25% gouge. 30 deg to CA. Qtz veining.				
	30.00	31.00	26593	1.00	0.021	0.72
	31.00	32.00	26594	1.00	0.104	3.57
	32.00	33.00	26595	1.00	0.067	2.32

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-52

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
33.10	56.46	650 CONGLOMERATIC ARGILLITE Faulted, slaty cleavage. carbonate veinlets. 2 cm diameter average clasts floating in dark argillitic matrix. clast up to 5 cm diameter. thin bedded. locally silty.				
		33.00 34.00	26596	1.00	0.131	4.52
		40.20 bedding 70 deg to CA 38.92 bedding 63 deg to CA 41.95 bedding 50 deg to CA 45.24-45.80 fault brittle slickensides 47.00-47.20 fault <10% gouge 50.30 bedding 50 deg to CA 51.30 bedding 85 deg to CA 52.00 bedding 24 deg to CA 52.05-52.50 fault brittle, slickenside 54.00 bedding 70 deg to CA 54.56-54.69 breccia carbonate + qz sheared zone no sulphides observed. 54.40-56.46 multiples faults 50 deg to CA slickenside, slaty cleavages.				
56.46	89.92	610 ARGILLITE Silty argillite sequence thin bedded, disrupted, slumping, folded in the first 10 m, slightly brecciated qz+carb 5 m from conglomerate with very weak mineralization randomly in the breccia mainly pyrrhotite-pyrite <1%. 62.60-62.79 fault <10% gouge 35 deg to CA 63.50 folded structure qz vein folded open conical fault on the hinge. 69.60 brecciated coarse silty sequence, disturbed. weakly mineralized. pyrrhotite + pyrite + arsenopyrite. Alteration albite+qz+carb+chlorite 66.00 bedding subparallel to CA 70.50 bedding 60 deg to CA 81.50-82.00 fault, brittle, graphitic 60 deg to CA 86.70-86.74 fault, brittle, graphitic 60 deg to CA 89.50-89.55 fault, brittle, graphitic 60 deg to CA				

EOH



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-53

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
15.02	16.05	698 TURBIDITE Thin bedded sheared, foliated, brecciated, faulted, mostly silty, bedding 60 deg to CA average.				
16.05	17.90	15.00 16.00 539 ZONE MATERIAL <1% pyrrhotite <1% pyrite brecciated in turbidite (silty). Bedding 55 deg, sulphides disseminated in coarse narrow sequence (18.50-19.00)	26606	1.00	0.020	0.69
		16.00 17.00 brecciated	26607	1.00	0.021	0.73
		17.00 18.00 turbidite	26608	1.00	0.035	1.21
17.90	18.00	250 FAULT Brittle				
18.00	20.70	539 ZONE MATERIAL 18.00 19.00 >10% pyrrh+pyr 19.00 20.00 brecciated	26609 26610	1.00 1.00	0.001 0.010	0.05 0.33
20.70	20.80	259 FAULT Brittle brecciated				
20.80	23.40	539 ZONE MATERIAL >3% pyrrhotite. <1% pyrite brecciated + sheared. quartz+carb+ chlorite.				
		20.00 21.00 breccia	26611	1.00	0.019	0.65
		21.00 22.00 breccia fault	26612	1.00	0.017	0.60
		22.00 23.00 breccia	26613	1.00	0.026	0.89
		23.00 24.00 turbidite low sulphides	26614	1.00	0.017	0.59
23.40	23.50	259 FAULT Brittle breccia vein				
23.50	23.84	698 TURBIDITE Foliated shearer bedding 50 deg to CA				
23.84	24.38	259 FAULT Slickened breccia vein 70 deg to CA, sheared				
24.38	27.43	539 ZONE MATERIAL Very weak mineralization, <1% pyrrh-pyr brecciated alteration very weak quartz+carb in turbidite.				
		24.00 25.00 Brecciated turb.	26615	1.00	0.002	0.07
		25.00 26.00 Turb.	26616	1.00	0.009	0.30
		26.00 27.00 Brecciated turb.	26617	1.00	0.009	0.31
		27.00 28.00 Turb.	26618	1.00	0.020	0.69

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-53

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
27.43	45.00	690 TURBIDITE Thin bedded. with breccia vein slightly mineralized. bedding 45 to 50 deg to CA. small narrow carbonate veining.				
		28.00 29.00 turb. small breccia	26619	1.00	0.004	0.14
		29.00 30.50 turb. brecciated	26620	1.50	0.011	0.38
		30.50 32.00 turbidite	26621	1.50	0.001	0.05
		32.00 33.50 turbidite	26622	1.50	0.013	0.46
		33.50 35.00 disrupted turbidite	26623	1.50	0.001	0.01
		35.00 36.00 turb. slightly breccia	26624	1.00	0.008	0.26
		36.00 37.00 brecciated turb.	26625	1.00	0.001	0.05
		37.00 38.00 turb. slightly breccia	26626	1.00	0.024	0.81
		38.00 39.00 turb.	26627	1.00	0.016	0.56
		39.00 40.00 turb. vein wall alt.	26628	1.00	0.011	0.38
		40.00 41.00 large qz+carb vein	26629	1.00	0.003	0.12
		41.00 42.00 large qz+carb vein	26630	1.00	0.004	0.13
		42.00 43.00 turbidite	26631	1.00	0.008	0.26
45.00	45.20	250 BRITTLE FAULT				
45.20	46.72	699 TURBIDITE Thin bedded, slightly brecciated 50 deg bedding to CA, broken core.				
46.72	46.79	250 BRITTLE FAULT				
46.79	48.30	699 TURBIDITE Brecciated, carb rich veining				
48.30	48.70	250 FAULT Brittle open fracture "limonite" on core				
48.70	50.29	699 TURBIDITE Slightly brecciated broken core section				
50.29	50.90	250 FAULT BRITTLE				
50.90	65.53	690 TURBIDITE More abundant coarse cycle. light grey color. disrupted. broken core. fracture fill with calcite crystals, carbonate veinlets. 53.34 bedding 50 deg to CA disrupted.				
65.53	66.00	250 FAULT BRITTLE				
66.00	67.00	690 TURBIDITE				
67.00	67.06	250 FAULT BRITTLE				
67.06	68.25	690 TURBIDITE				
		67.00 68.25 unmineralized	26632	1.25	0.024	0.81

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 4

DDH #: 11000-53

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
68.25	69.00	539 ZONE MATERIAL <1% sulphide. weak, pyrrhotite + pyrite traces arsenopyrite in a coarse cycle. alteration, quartz+carbonate slightly brecciated.				
		68.25 69.00 coarse turbidite ZM	26633	0.75	0.020	0.68
69.00	72.18	698 TURBIDITE Disrupted bedding variable folded foliated				
		69.00 70.00 turbidite	26634	1.00	0.004	0.14
72.18	72.79	648 COARSE LITHICWACKE In turbidite, foliated				
72.79	74.12	698 TURBIDITE				
		73.00 74.12 turbidite	26635	1.12	0.017	0.57
74.12	75.00	538 ZONE MATERIAL <1% sulphides mainly pyrrhotite pyrite and arsenopyrite traces. veinlets-alteration, carbonate rich, sheared.				
		74.12 75.00 ZM-LW	26636	0.88	0.012	0.40
		75.00 76.00 Turb.	26637	1.00	0.002	0.08
75.00	80.85	698 TURBIDITE Disrupted bedding variable fine-coarse cycle				
		EOH				





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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-54

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		12.00 13.00 Low Sx	26647	1.00	0.004	0.13
		13.00 14.00 Low Sx	26648	1.00	0.002	0.05
14.40	14.67	250 FAULT				
14.67	15.78	698 TURBIDITE Slump, disrupted, foliated, thin bedded, with carbonate veinlets foliation 45 deg to CA.				
15.78	16.90	258 FAULT Brittle grounded core broken. shear zone.				
16.90	18.90	698 TURBIDITE Thin bedded, bedding subparallel to CA				
18.90	19.45	658 CONGLOMERATIC SILTY ARGILLITE Volcanic clasts up to 4 cm in diameter, matrix supported. Foliated zones, broken core. silty argillaceous matrix, numerous narrow carbonate rich veinlets, bedding 5-10 deg to CA inverted sequence.				
19.45	19.65	258 FAULT Brittle				
19.65	32.72	652 CONGLOMERATIC SILTY ARGILLITE With sparse fragments floating in a silty argillaceous matrix. Chloritic alteration. bedding 5-10 deg to CA				
32.72	36.00	640 LITHICWACKE Poorly bedded medium to coarse grained.				
36.00	37.80	650 CONGLOMERATIC SILTSTONE Sparse clasts up to 18 cm in diameter. Disrupted, slumping bedding subparallel to CA.				
37.80	44.74	640 LITHICWACKE Medium grained with some fragments 0.8 cm diam.				
44.74	46.13	690 TURBIDITE Thin bedded, disrupted folded. sheared section				
		46.13-46.16 Breccia vein quartz+carb+chl. 45 deg to CA				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-54

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
46.13	51.80	650 CONGLOMERATIC SILTSTONE Volcanic fragments floating in silty matrix and argillaceous clasts up to 60 cm in diameter (51.10). Mostly well rounded. Few carbonate rich narrow veinlets subparallel to CA.				
51.80	52.60	240 FAULT <10 gouge sheared brittle section				
52.60	56.60	650 CONGLOMERATIC SILTY-ARGILLITE Foliated bedding orientation very variable chert clasts 10 deg to CA - 40 deg to CA -60 deg to CA				
56.60	56.80	250 FAULT Brittle brecciated subparallel to CA				
56.80	80.79	650 CONGLOMERATIC SILTY ARGILLITE Foliated - bedding variable 74.68 bedding 60 deg to CA 78.35-78.51 large vein quartz+carbonate with andesite.				
80.79	89.92	699 TURBIDITE Bedded, disrupted, mostly silty, slump and flame. bedding subvertical, slightly brecciated quartz carb. vein. 80.79-82.20 quartz + carb. + chlorite vein marking contact with the two lithologies.				

EOH



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11000N

**Diamond Drill Log**

**DDH #:** 11000-55

Northing: 11000.00  
 Easting: 10512.00  
 Elevation: 878.00  
 Azimuth: 90  
 Inclination: -90  
 Grid: MINE  
 Length (m): 104.85  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey  
 Method: \_\_\_\_\_

Azimuth	Dip	Depth
90	-90	0

Property: LADNER CREEK  
 NTS: 92 H/6  
 Claim: IDAHO  
 Date started: DEC 5, 1995  
 Date completed: DEC 6, 1995  
 Logged by: JEP

Purpose:

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.20	679 BOULDER CONGLOMERATE Matrix supported fragments. Argillaceous matrix. Fragments are semi rounded to rounded, elongate, and slightly deformed.				
4.20	4.40	250 FAULT Brittle				
4.40	5.30	679 BOULDER CONGLOMERATE				
		4.00 5.00	26649	1.00	0.002	0.07
5.30	6.70	531 ZONE MATERIAL Brecciated, <3% Po, < 1-2% Py. Qtz-carb-chl alt.				
		5.00 6.00	26650	1.00	0.007	0.23
		6.00 7.00	26651	1.00	0.005	0.17
6.70	15.50	620 SILTY ARGILLITE Disrupted bedding, poorly bedded, mixed. some larger clasts. 8.10-8.20 fault breccia.				
		7.00 8.00	26652	1.00	0.004	0.13
		8.00 9.00	26653	1.00	0.001	0.01
		9.00 10.00	26654	1.00	0.003	0.10
15.50	22.81	692 CHLORITIC TURBIDITE Mostly fine grained with lithicwacke seq up to 1 m wide. Disrupted bedding 45 deg to CA. locally foliated. Shearing.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-55

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
22.81	22.90	252 FAULT				
22.90	26.27	692 CHLORITIC FOLIATED TURBIDITE				
26.27	26.29	262 FAULT Slickenside zone, some brecciation, chl-carb				
26.29	27.80	643 COARSE LITHICWACKE Angular fragments up to 2 cm wide. Foliated. chl-carb alt.				
27.80	45.72	692 CHLORITIC TURBIDITE Poorly bedded				
45.72	59.80	643 COARSE LITHICWACKE Carb alteration. Black argillaceous fragments up to 2 cm in diameter. carb veinlet network s occur between pebble and grains.				
59.80	60.86	690 TURBIDITE Thin bedded, 45 deg to CA				
	59.50	61.00	26655	1.50	0.010	0.35
60.86	66.55	541 ZONE MATERIAL Finely disseminated sulphides occur within a chl greywacke-lithicwacke. Mineralization >10 % combined Po, Py. Locally brecciated, bleached pink alt, alb+qtz+carb+chl. Some chl greywacke throughout zone.				
	61.00	62.00	26656	1.00	0.116	3.99
	62.00	63.00	26657	1.00	0.015	0.53
	63.00	64.00	26658	1.00	0.004	0.14
	64.00	65.00	26659	1.00	0.203	6.96
	65.00	66.00	26660	1.00	0.193	6.63
	66.00	67.00	26661	1.00	0.076	2.61
	64.01 Fault, <10% gouge. graphitic					
66.55	67.72	632 CHLORITIC GREYWACKE Carb stringers throughout				
	67.00	68.50	26662	1.50	0.007	0.23

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-55

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
67.72	76.20	613 CALCAREOUS ARGILLITE Thin bedded. abundant carb-qtz veinlets. Bedding 50 deg to CA. Foliated. Trace Py obs.				
76.20	76.98	239 MAJOR FAULT 10-25 % gouge. heavily brecciated. qtz-carb veinlets, minor sx. Mainly chl-carb alt gouge. Occurs approx 45 deg to CA. 25 deg slicks obs.				
76.98	82.35	610 SILTY ARGILLITE Abundant blebs of Po up to 2-5 % total.				
	75.90	77.50	26663	1.60	0.020	0.69
	77.50	79.00	26664	1.50	0.004	0.14
	79.00	80.50	26665	1.50	0.003	0.09
	80.50	82.00	26666	1.50	0.004	0.13
82.35	85.35	653 CONGLOMERATIC ARGILLITE Faulted, mainly dark, silty intervals. frags are calcite filled.				
	83.00	84.00	26667	1.00	0.002	0.06
	84.00	85.35	26668	1.35	0.005	0.18
85.35	89.42	633 ALTERED SILTSTONE GREYWACKE Pebble layer, 87.55-87.65. bedding poorly dev 70 deg to CA				
	85.35	87.45	26669	2.10	0.002	0.05
	87.45	89.00	26670	1.55	0.024	0.83
	89.00	89.92	26671	0.92	0.006	0.20
89.42	89.45	246 GRAPHITIC FAULT <10% gouge, 45 deg to CA				
89.45	104.85	650 CONGLOMERATIC ARGILLITE Dark silty, bedding approx 45 deg to CA. calcite veining common.				
		EOH				
		Extend hole 12+ m?				



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11000N

**Diamond Drill Log**

**DDH #:** 11000-56

Northing: 11000.00  
 Easting: 10509.50 ✓  
 Elevation: 878.00 ✓  
 Azimuth: 270  
 Inclination: -38  
 Grid: MINE  
 Length (m): 156.97  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey		
Method:		
Azimuth	Dip	Depth
270	-38	0

Property: LADNER CREEK  
 NTS: 92 H/6  
 Claim: IDAHO  
 Date started: DEC 7, 1995  
 Date completed: DEC 9, 1995  
 Logged by: JTS

**Purpose:** TO INVESTIGATE MINERALIZED ZONE AT FACE 966N ON 800 LEVEL.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.52	670 BOULDER CONGLOMERATE Silty-argillitic matrix. clasts mostly lithic. Disrupted bedding 55 to 60 deg ave. Broken core seq. qtz carb veinlet at beginning of the seq. Bedding 55 deg to CA.				
1.52	1.58	250 FAULT Brittle ground core.				
1.58	4.58	670 BOULDER CONGLOMERATE				
4.58	4.60	240 FAULT < 10 % gouge, approx 60 deg to CA				
4.60	5.70	670 BOULDER CONGLOMERATE Broken core seq.				
5.70	5.80	250 FAULT Brittle, brecciated zone				
5.80	12.19	670 BOULDER CONGLOMERATE				
12.19	12.20	240 FAULT < 10 % gouge, approx 60 deg to CA				
12.20	14.00	679 BOULDER CONGLOMERATE Brecciated, slightly mineralized. <1 % sulphides, mainly Po. silicified zone.				
	13.50	14.50	26672	1.00	0.016	0.54

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-56

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
14.00	16.30	690 TURBIDITE Mixed, thin bedded, disrupted, bedding variable, with some folding. fine grained, bedding 53 deg to CA.				
	14.50	15.50 breccia weakly mineralized	26673	1.00	0.019	0.65
	15.50	16.50 breccia	26674	1.00	0.028	0.95
16.30	16.45	250 FAULT Brittle				
16.45	18.30	690 TURBIDITE Broken core seq				
18.30	18.40	250 FAULT Brittle				
18.40	23.30	690 TURBIDITE Slightly foliated. Bedding at 19.00 m is 50 deg to CA and at 21.67 m bedding is 45 deg to CA.				
23.30	23.40	260 FAULT Slickenside, near breccia zone. Approx 25 deg to CA.				
23.40	24.00	699 FOLDED TURBIDITE Bedding variable, foliated, brecciated zone, 55 deg to CA				
24.00	24.10	250 FAULT				
24.10	28.00	699 FOLDED TURBIDITE Thin bedded. 24.60 m bedding subparallel to CA 25.30 m bedding 45 deg to CA 25.99 m bedding 25 deg to CA 27.09 m bedding 28 deg to CA 27.90 m bedding 32 deg to CA				
28.00	28.10	250 FAULT				
28.10	32.54	698 TURBIDITE Foliated. 30.48 bedding 10 deg to CA				
32.54	32.67	250 FAULT Slickensides subparallel to bedding ( 13 deg )				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-56

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
32.67	39.00	699 FOLIATED TURBIDITE Thin bedded, locally brecciated.					
39.00	42.46	533 ZONE MATERIAL Brecciated, silicified, weakly mineralized, 1-3% Po, Py. Breccia matrix with abundant chl-qtz-carb. The Po is located in the matrix amalgummed on a 1-2 mm grain. The zone marks the contact with the volcanics.					
	39.00	40.00	disrupted, weakly mineralized turb	26675	1.00	0.004	0.14
	40.00	41.00	breccia mineralized zone	26676	1.00	0.006	0.21
	41.00	42.00	breccia mineralized zone	26677	1.00	0.002	0.06
	42.00	43.00	breccia fault zone	26678	1.00	0.032	1.11
	43.00	44.00		26679	1.00	0.001	0.04
	44.00	45.00		26680	1.00	0.001	0.02
42.46	42.48	240 FAULT <10% gouge with slickensides on contact of volc					
42.48	55.31	422 CHLORITIC ANDESITE					
55.31	55.35	250 FAULT					
55.35	58.51	422 CHLORITIC ANDESITE					
58.51	58.57	260 FAULT Slickenside 65 deg to CA					
58.57	64.00	422 CHLORITIC ANDESITE					
	62.48	63.50		26698	1.02	0.009	0.31
	63.50	64.50		26699	1.00	0.023	0.79
64.00	64.08	260 FAULT Graphitic alt, breccia zone, 35 deg to CA					
64.08	65.10	428 FOLIATED ANDESITE foliated 5-10 deg to CA, brecciated					
	64.50	65.50		26700	1.00	0.007	0.23
65.10	90.40	429 BRECCIATED ANDESITE Chlorite-qtz-carb faulted section.					
	89.00	90.40		26695	1.40	0.004	0.12
90.40	90.45	254 FAULT					
90.45	91.54	540 ZONE MATERIAL Fine disseminated sulphides in a dark brown siltstone. 8-10% Po, 2% Py.					



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 4

DDH #: 11000-56

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
	90.40	91.54	26696	1.14	0.016	0.54
91.54	106.60	422 ALTERED ANDESITE Chloritic, carbonate				
	91.54	92.54	26697	1.00	0.011	0.37
106.60	106.68	259 FAULT Brecciated zone, vein qtz-carb-chl 15 deg to CA				
106.68	114.50	422 ALTERED ANDESITE Chloritic, carbonate				
114.50	114.60	240 FAULT < 10% gouge				
114.60	115.27	422 ALTERED ANDESITE				
	114.30	115.30	26681	1.00	0.001	0.01
115.27	115.30	230 FAULT 10-25% gouge, contact with zone material, approx 45 deg to CA				
115.30	128.00	531 ZONE MATERIAL Weakly mineralized. Brecciated, qtz-carb abundant. <3% Po, <1% Py, Asp.				
	115.30	116.00	26682	0.70	0.030	1.02
	116.00	117.00	26683	1.00	0.045	1.55
	117.00	118.00	26684	1.00	0.014	0.47
	118.00	119.00	26685	1.00	0.002	0.05
	119.00	120.00	26686	1.00	0.002	0.08
	120.00	121.00	26687	1.00	0.018	0.63
	121.00	122.00	26688	1.00	0.004	0.15
	122.00	123.00	26689	1.00	0.002	0.07
	123.00	124.00	26690	1.00	0.017	0.60
	124.00	125.00	26691	1.00	0.043	1.48
	125.00	126.00	26692	1.00	0.037	1.26
	126.00	127.00	26693	1.00	0.057	1.96
	127.00	128.00	26694	1.00	0.083	2.85
128.00	135.54	680 SILTSTONE Pale grey, poorly bedded at 50 deg to CA				
135.54	136.43	250 FAULT Brittle, ground core				
136.43	137.16	680 SILTSTONE				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 5

DDH #: 11000-56

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
137.16	137.80	220 FAULT 50 % Gouge				
137.80	140.10	690 TURBIDITE Coarse seq. sandstone 2 m long in the siltstone. bedding 40 deg to CA.				
140.10	140.21	250 FAULT Brittle				
140.21	150.00	690 TURBIDITE-SILTSTONE Pale grey, bedding 38-40 deg to CA ave.				
150.00	150.10	250 FAULT Brittle				
150.10	156.97	690 TURBIDITE Pale grey, turb-siltstone. 153.92 m bedding 30 deg to CA 155.80 m bedding 35 deg to CA				
EOH						



# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 11000N

Diamond Drill Log

DDH #: 11000-57

Northing: 11000.00  
 Easting: 10509.50 ✓  
 Elevation: 879.00 ✓  
 Azimuth: 270  
 Inclination: 16  
 Grid: MINE  
 Length (m): 120.4 ✓  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey		
Method: DEGREE RULE		
Azimuth	Dip	Depth
270	16	0

Property: LADNER CREEK  
 NTS: 92 H/11W  
 Claim: IDAHO  
 Date started: DEC 10/95  
 Date completed: DEC 11/95  
 Logged by: JFP/DGC

Purpose: TO INVESTIGATE MINERALIZED ZONE IN THE VICINITY OF THE VOLCANIC BLOCK

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	7.32	613 SILTY ARGILLITE thin bedded, disrupted bedding variable, brittle. weakly brecciated fracture filled with carbonate, abundant. 0.50 bedding 32 deg to CA 4.77 bedding 30 deg to CA 6.40 bedding 40 deg to CA				
7.32	7.34	260 FAULT slickensides 30 deg to CA				
7.34	8.12	621 SILTY ARGILLITE Brecciated mylonitic, quartz + carbonate vein =60 deg to CA				
8.12	10.50	620 SILTY ARGILLITE Thin bedded 9.14 bedding 60 deg to CA				
10.50	10.58	250 FAULT brittle				
10.58	11.50	620 SILTY ARGILLITE Bedding 60 deg to CA				
11.50	11.60	250 FAULT brittle				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-57

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
11.60	12.63	620 SILTY ARGILLITE thin bedded				
12.63	12.66	269 FAULT Slickenside brecciated 55 deg to CA slightly mineralized <1% sulphide mainly pyrite - pyrrhotite.				
12.66	13.00	628 SILTY ARGILLITE Thin bedded, deformed foliated zone				
		12.00 13.00 disrupted foliated silty arg.	26701	1.00	0.004	0.13
13.00	13.50	549 ZONE MATERIAL In faulted brecciated contact between silty argillite and andesite. mineralization <3% pyrrhotite <2% pyrite alteration carbonate + quartz				
		13.00 14.00 zone material contact	26702	1.00	0.012	0.43
13.50	19.20	420 CHLORITIC ANDESITE Slightly brecciated quartz + carbonate. faulted sequence.				
		14.00 15.00 chloritic andesite	26703	1.00	0.001	0.04
19.20	19.22	262 FAULT Slickenside chloritic plane 60 deg to CA				
19.22	20.20	420 CHLORITIC ANDESITE				
20.20	20.22	262 FAULT Slickenside chloritic plane 45 deg to CA				
20.22	29.27	420 CHLORITIC ANDESITE				
29.27	29.30	240 FAULT <10% gouge, slickensides 45 deg to CA				
29.30	37.10	420 CHLORITIC ANDESITE				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-57

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
37.10	37.12	261 FAULT Slickensides 45 deg to CA qz+carb 1 cm thick vein.				
37.12	42.65	422 CHLORITIC ANDESITE				
42.65	42.67	262 FAULT Chloritic slickensides plane slightly sheared zone 40 deg to CA				
42.67	43.10	422 CHLORITIC ANDESITE				
43.10	43.50	250 FAULT brittle				
43.50	44.00	427 MYLONITIC CHLORITIC ANDESITE foliation 45 deg to CA				
44.00	44.05	250 FAULT brittle				
44.05	48.16	422 CHLORITIC ANDESITE foliated late stage fracture, chloritic plane subparallel to CA				
48.16	48.18	260 FAULT slickensides sheared 50 deg to CA				
48.18	49.19	422 ANDESITE CHLORITIC				
49.19	49.20	240 FAULT <10% gouge 60 deg to CA				
49.20	49.72	422 ANDESITE				
49.72	49.75	261 FAULT Slickensides, 2 cm quartz vein 45 deg to CA				
49.75	59.45	421 CHLORITIC ANDESITIC MICRODIORITE Fine grained dioritic xtal laths in andesitic matrix				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 4

DDH #: 11000-57

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
59.45	70.00	421 CHLORITIC ANDESITE Ultra fine gr. in appearance 59.36-59.50 fault brittle broken core 52.70-52.90 chloritic slickenside @20 deg to CA @64.60 narrow breccia-re healed w/calcite and chlorite veinlets				
70.00	81.50	422 CHLORITIC ANDESITE (MICRODIORITE) Fgr dioritic texture-fine crystal laths 72.65 chloritic slickensides 45 deg to CA 74.00-74.49 fault zone: qtz breccia w/chloritic gouge 55-60 deg to CA 81.38-81.48 shear zone: chloritic gouge and andesitic/calcite breccia				
81.50	85.45	422 CHLORITIC ANDESITE @82.00 chloritic slickensides @50 deg to CA 83.72-84.00 fault brittle zone broken core 85.24-85.45 fault brittle zone				
85.45	86.87	452 CHLORITIC MICRODIORITE 86.30-86.87 major fault zone crushed andesite and chlorite gouge 85 deg to CA				
86.87	99.10	427 MYLONITIC ANDESITE 86.87-87.25 fault brittle, broken core @88.79 chloritic fault slip, 80 deg to CA 89.92-90.60 major fault zone - crushed andesite chloritic fault slip and gouge 85 deg to CA 92.70-93.00 cross cutting chloritic fault slips both slips @ 70 deg to CA 96.00-97.4 core broken and fractured @97.24 slickensides 45 deg to CA & cross cutting fractures @97.74 chloritic slickensides w/healed qtz stringers 60 deg to CA				
99.10	112.78	422 MYLONITIC CHLORITIC ANDESITE narrow section of fgr. dioritic andesite				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 5

DDH #: 11000-57

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		@99.65 - chloritic slickenside 43 deg to CA 100.18-100.78 fault brittle - badly fractured core fracturing between 60 - 80 deg to CA @102.30 chloritic slickensides @68 deg to CA @106.18 narrow qtz vein (103 m thick) 107.70-108.00 badly fractured-brittle fault 109.65-110.55 healed quartz/andesite breccia w/quartz and calcite veins 112.28-112.78 fractured-fractures (brittle faulting) between 65-80 deg to CA				
112.78	120.40	427 MYLONITIC ANDESITE @112.78 narrow qtz vein with fracturing 78 deg to CA @112.18 chloritic slickenside & fracturing 69 deg to CA 114.10-114.70 brittle fault-fractured and broken core 115.60-116.10 fault qtz/andesite breccia, chloritic slickensides and fractures 75-80 deg to CA 118.57-118.87 - fracturing 119.57-119.87 fault-chloritic slickensides 60 deg to CA				

EOH



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION:** 11000N

**Diamond Drill Log**

**DDH #:** 11000-71

Northing: 11000  
 Easting: 10509.5 ✓  
 Elevation: 879 ✓  
 Azimuth: 270  
 Inclination: -28 ✓  
 Grid: MINE  
 Length (m): 278.89  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey  
 Method:

Azimuth	Dip	Depth
270	-28	0
270	-27	277

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: JAN 22/96  
 Date completed: JAN 26/96  
 Logged by: DGC

**Purpose:** TO INVESTIGATE THE EXTENSION OF GOLD ZONE ENCOUNTERED AT STATION 11050 ON THE 875 EXPLORATION DRIFT AND THE POTENTIAL FOR GOLD-BEARING STRUCTURES AT THE VOLCANIC/SEDIMENTARY CONTACT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.85	910 NO RECOVERY				
1.85	9.87	682 CHLORITIC SILTSTONE - finely laminated, predominantly bedding ~ 30 deg. to CA - minor unmineralized qtz veins - section of core badly fractured and broken				
9.87	14.33	662 PEBBLE CONGLOMERATE - chloritic stretched pebbles and lithic clasts foliation ~ 45 deg. to CA				
14.33	23.66	684 ALTERED SILTSTONE (weak zone material) - partly silicified and mineralized, finely laminated - bedding angles predominantly range between 5-25 deg. to CA - weak disseminated sulphides in sections with irregular albite/qtz veinlets.				
	14.33	15.33 siliceous siltstone, minor Po stringers	152008	1.00	0.017	0.58
	15.33	16.33 fine Py + Arsenopy < 5% with stringers of Po	152009	1.00	0.036	1.23
	16.33	17.33	152010	1.00	0.005	0.16
	17.33	18.33	152011	1.00	0.014	0.49
	18.33	19.33 qtz stringers, dissemin., Py + Po &	152012	1.00	0.073	2.49
	19.33	20.33 minor Arsenopy	152013	1.00	0.037	1.27
	20.33	21.33	152014	1.00	0.040	1.38
	21.33	22.33 fine dissemin., Arsenopy < 5%	152015	1.00	0.045	1.55
	22.33	23.66	152016	1.33	0.044	1.51



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 2

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
23.66	27.86	620 SILTY ARGILLITE - finely laminated. bedding @ 40-45 deg. to CA - minor unmineralized qtz., occasional bed of slightly chloritic siltstone - contact with andesit represented by a narrow (.02 m) band of qtz assoc. with minor (< 2%) pyrrhotite - sediment/volcanic contact @ 75 deg. to CA				
27.86	43.70	422 ANDESITE - massive, chloritic, fine grain - minor thin stringer of albite/qtz at right angle to CA - relatively homogenous fine textured andesite				
43.70	46.44	472 AMYGDALOIDAL ANDESITE - minor amygdals throughout filled silica				
46.44	50.29	422 ANDESITE - massive, chloritic, increasing toward coarser dioritic texture - partly sheared in places with rounded andesite breccia in siliceous chloritic matrix				
50.29	53.40	420 ANDESITE - massive, dark green, more coarser texture - peppered light grey, probable altered albite				
53.40	59.11	422 CHLORITIC ANDESITE - massive, fine grain appears to be sheared with numerous chloritic siliceous stringers				
59.11	71.30	452 CHLORITIC DIORITE - massive relatively coarse grain - between 59.11-59.50 sheared-fault - minor chloritic gouge < 10% - peppered with subangular light grey coloured mineral probably albite - gradational towards more fine grain andesite texture				
71.30	89.00	422 ANDESITE - andesite flows, aphanitic, massive, dark green, pebble pillow chill margin features, also assoc. with rounded to subangular pyroclastic-agglomeratic flows				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 3

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
89.00	95.00	422 ANDESITE - chloritic, partly sheared and brecciated - agglomeratic flow textures - mixture or flow bonds of coarser grain textures to aphanitic				
95.00	102.10	422 ANDESITE - aphanitic, agglomeratic, and pillow flow textures.				
102.10	124.47	424 CHLORITIC ANDESITE - aphanitic, massive, occasionally sheared with micro-qtz/calcite veinlets along shear fractures - foliation ~ 70 deg. to CA - also shows some flow textures including pillow chill rim features - narrow (~1m) sections of bleached siliceous-qtz zones containing predominately fine dissemination crystalline arsenopy - narrow (0.5m) sections appear to carry 10% or greater arsenopy				
		103.17 105.18 minor Po + qtz vein	88390	2.01	0.004	0.12
		105.18 106.68 siliceous, fine arsenopy ~ 5%	88391	1.50	0.048	1.63
		112.78 113.58 minor Po, aphanitic andesite	88392	0.80	0.012	0.43
		113.58 114.62 bleached & siliceous, arsenopy > 5%	88393	1.04	0.110	3.77
		114.62 115.45 weakly altered, predominately Po	88394	0.83	0.051	1.75
		116.73 118.16 narrow (0.5m) sections of bleached siliceous - arsenopy	88395	1.43	0.084	2.90
124.47	130.09	422 CHLORITIC ANDESITE - massive, fine grain, partly brecciated and healed with siliceous chloritic, occasional qtz vein at varying angles to CA				
130.09	148.63	422 CHLORITIC ANDESITE - aphanitic, massive, appear to be andesitic flows with occasional agglomeratic features, micro veinlets of chlorite and calcite - between 130.00-138.00 flow banding at 90 deg. to CA, numerous chloritic slickensides parallel to flow bands				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 4

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
148.63	154.89	422 ALTERED ANDESITE - strong chloritic alteration, light greenish-brown colour, occasional dark green-black chloritic seam probably represents a pyroclastic flow - late stage qtz fracture fillings with well developed qtz crystals in fractures				
	153.92	154.89 increase in disseminated Py + Po + Arsenopy	88462	0.97	0.018	0.62
154.89	162.60	571 MINERALIZED ANDESITE - pervasive silicification, narrow sections of andesite less altered, dissemin Py + Po + Arsenopy				
	154.89	156.00 siliceous-mineralized andesite	88396	1.11	0.085	2.91
	156.00	157.00 Py + Po 1-3%	88397	1.00	0.335	11.49
	157.00	158.00 Py + Po > 5%, Arsenopy 2-3%	88398	1.00	0.148	5.07
	158.00	159.00	88399	1.00	0.152	5.20
	159.00	160.00 qtz veining and strong silicification	88400	1.00	0.174	5.97
	160.00	161.00 dissemin Py + Po + Arsenopy	88451	1.00	0.156	5.35
	161.00	162.00	88452	1.00	0.274	9.40
162.60	183.13	571 ALTERED-MINERALIZED ANDESITE - silicified-chloritic, disseminated Py + Po + Arsenopy with minor blebs of chalcopy - predominately qtz veining 85-90 deg. to CA - minor albite along qtz vein margins and disseminated small blebs - late stage qtz & cubic pyrite veinlets filling fractures				
	162.00	163.00	88453	1.00	0.073	2.50
	163.00	164.00	88454	1.00	0.031	1.06
	164.00	165.00 altered-chloritic andesite with minor	88455	1.00	0.037	1.27
	165.00	166.00 disseminated Po < 3%	88456	1.00	0.038	1.31
	166.00	167.00 chloritic andesite, weak sulphides	88457	1.00	0.042	1.44
	167.00	168.00 predominately Py ~ 2%	88458	1.00	0.048	1.63
	168.00	169.00 increase qtz veins & sulphides	88459	1.00	0.020	0.67
	169.00	170.00 dissemin. Py + Po + Arsenopy > 5%	88460	1.00	0.018	0.61
	170.00	171.30	88461	1.30	0.026	0.89
	171.30	172.30 chloritic andesite Po 3-5%	88463	1.00	0.008	0.27
	172.30	173.30 qtz veins, 0.25 to 0.5 m wide at right angle to CA, dissemin. Py + Arsenopy + Po stringers	88464	1.00	0.017	0.57

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 5

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
ALTERED - MINERALIZED ANDESITE (cont'd)						
173.30	174.30	bleached & silicified andesite	88465	1.00	0.022	0.77
174.30	175.30	numerous fine cavities, Py + Po + Arsenopy	88466	1.00	0.018	0.60
175.30	176.30	silicified andesite, Py + Po (Arsenopy)	88467	1.00	0.012	0.42
176.30	177.30	intense silicification & qtz veining dissemin. Py + Arsenopy + Po blebs & stringers sulphides > 10%	88468	1.00	0.018	0.60
177.30	178.30		88469	1.00	0.045	1.56
178.30	179.30	intense silicification, bleached with numerous fine cavities	88470	1.00	0.098	3.37
179.30	180.30		88471	1.00	0.084	2.88
180.30	181.30	filled with arsenopy + Py, sulphides > 10% fine speck of 'free visible gold'	88472	1.00	0.098	3.36
181.30	182.30	qtz + albite + Py + Po + Arsenopy	88473	1.00	0.116	3.98
182.30	183.13		88474	0.83	0.062	2.13

- qtz-albite veins are predominately at right angles of the mineralized andesite, also appears to be 'late stage' qtz & arsenopyrite mineralization

183.13 183.88

443 FAULT-CONTACT

- qtz-carbonaceous breccia, graphitic slickensides
- carbonaceous gouge ~ 5-10 %
- fault - contact with mineralized andesite is ~ <sup>25</sup>~~25~~% to CA

183 183.88 qtz + carbon + Py

88475 0.75 0.029 0.98

183.88 196.94

681 ALTERED (SILICIFIED) SILTSTONE

(weak to moderate zone material)

- from 183.88-185.00 intense silification disseminated Py + Po & lesser Arsenopy
- permanent bedding contorted parallel to CA
- from 185.00 - 191.40 less silicification more argillaceous
- fine laminated beds are contorted and tend to be parallel to CA
- includes round siltstone clasts subangular breccia clasts.
- disseminated Py + Po & lesser Arsenopy

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 6

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
<b>ALTERED (SILICIFIED) SILTSTONE (cont'd)</b> (weak to moderate zone material)						
183.88	185.00	siliceous siltstone fine Py + Arsenopy	88476	1.12	0.038	1.30
185.00	186.00	argillaceous + siltstone qtz veinlets	88477	1.00	0.046	1.57
186.00	187.00	less in Py + Po + Arsenopy	88478	1.00	0.024	0.83
187.00	188.00	Py + Po + Arsenopy 2-5%	88479	1.00	0.067	2.29
188.00	189.00		88480	1.00	0.022	0.74
189.00	190.00	siliceous argillite siltstone with finely	88481	1.00	0.010	0.35
190.00	191.00	dissemin Py + Po + Arsenopy 2-5%	88482	1.00	0.004	0.14
191.00	192.00	increase silicification & sulphides	88483	1.00	0.078	2.68
192.00	193.00	remount bedding parallel to CA	88484	1.00	0.099	3.40
193.00	194.00	fine dissemin. sulphides	88485	1.00	0.133	4.56
194.00	195.00	predominately Py > 5% & lesser Arsenopy (< 3%)	88486	1.00	0.147	5.03
195.00	196.00	Py stringers and Arsenopy (< 3%)	88487	1.00	0.078	2.66
196.00	196.94	intense silicification	88488	0.94	0.091	3.13
196.94	203.30	<b>672 CHLORITIC BOULDER CONGLOMERATE</b> - melange of well rounded chloritic siltstone pebble to cobble size clasts and subangular andesitic fragments - chloritic siltstone matrix - weakly mineralized and weakly altered, < 2% disseminated Po				
196.94	198.00	Po < 2%	88489	1.06	0.059	2.02
198.00	199.00	weakly mineralized	88490	1.00	0.006	0.20
199.00	200.00		88491	1.00	0.044	1.51
200.00	201.00	qtz band 0.4m, 90 deg. to CA	88492	1.00	0.120	4.13
201.00	202.00	qtz band 0.4m, 90 deg. to CA	88493	1.00	0.064	2.18
202.00	203.30		88494	1.30	0.037	1.27
203.30	209.56	<b>684 ALTERED SILTSTONE</b> (weak to moderate zone material) - preserved bedding is about 45 deg. to Ca - majority of the qtz veins cut between 80-90 to Ca - bands of siliceous argillite interbedded with the siliceous siltstone, pyrite is the predominate sulphide and is finely disseminated and in stringers with lesser pyrrhotite and arsenopy - massive qtz veins between 206.60 - 209.40, minor fragments with the qtz and highly mineralized with Py + Po + Arsenopy				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 7

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
ALTERED SILTSTONE (cont'd) (weak to moderate zone material)						
203.30	204.30	intensely silicified, Py > 5%	88495	1.00	0.087	2.99
204.30	205.30	predominately fine dissemin.	88496	1.00	0.010	0.36
205.30	206.30	Py & lesser Po and Arsenopy	88497	1.00	0.009	0.30
206.30	207.30		88498	1.00	0.013	0.45
207.30	208.30		88499	1.00	0.052	1.78
208.30	209.56	massive qtz with Py + Po + Arsenopy fragments	88500	1.26	0.014	0.49
209.56	213.36	682 CHLORITIC - ALTERED SILTSTONE (weak to moderate zone material) - chloritic, subangular andesitic fragments with rounded siltstone clasts in siliceous siltstone matrix - predominately pyrrhotite, disseminated in the andesitic fragments and in the siltstone matrix - occasional narrow siliceous section (< 0.3m) carrying disseminated Arsenopy (< 5%)				
209.56	210.56	Po 3-5%, Py < 2%	152001	1.00	0.040	1.36
210.56	211.56	Arsenopy < 2%	152002	1.00	0.014	0.48
211.56	212.56		152003	1.00	0.026	0.89
212.56	213.36	intense silicification Po > 8%	152004	0.80	0.009	0.30
213.36	216.41	421 ALTERED - MINERALIZED ANDESITE - highly silicified, numerous qtz veins 80-90 deg. to CA, minor albite stringers assoc, with the qtz - well mineralized with Py + Po + Arsenopy and minor blebs of chalcopy - section between 212.50 to 214.00 appears to be sheared, brecciated and mylonitic healed with silica and qtz veins - probably represents the fault-contact between the altered sediments and volcanics				
213.36	214.36	qtz (minor albite), Py + Po + Arsenopy	152005	1.00	0.040	1.39
214.36	215.36	mineralized, siliceous andesite	152006	1.00	0.011	0.36
215.36	216.41	Py + Po + Arsenopy 5-10 %	152007	1.05	0.105	3.62

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 8

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
216.41	242.32	514 ALTERED ANDESITE (weak to moderate zone material) - chloritic, silicified, weakly mineralized, disseminated sulphides - predominantly Po 2-4% - lesser Py & minor arsenopy - qtz bands at right angles to CA				
216.41	217.41	weakly mineralized, chloritic	152017	1.00	0.030	1.04
217.41	218.41	andesite with qtz veins at 85-90 deg. to CA	152018	1.00	0.053	1.82
218.41	219.41		152019	1.00	0.014	0.48
219.41	220.41		152020	1.00	0.028	0.97
220.41	221.41	Py + Po 2-5% arsenopy < 1%	152021	1.00	0.006	0.22
221.41	222.50		152022	1.09	0.020	0.69
222.50	223.50	siliceous/chloritic andesite, Py + Po 2-5%	152023	1.00	0.015	0.51
223.50	224.50		152024	1.00	0.017	0.59
224.50	225.50		152025	1.00	0.007	0.25
225.50	226.50		152026	1.00	0.033	1.12
226.50	227.50		152027	1.00	0.137	4.70
227.50	228.50	qtz breccia Py + Po + Arsenopy	152028	1.00	0.061	2.09
228.50	229.50		152029	1.00	0.138	4.75
229.50	230.50	qtz veins, minor (< 2%) Arsenopy	152030	1.00	0.027	0.91
230.50	231.50	Py + Po 2-5%	152031	1.00	0.014	0.48
231.50	232.50		152032	1.00	0.037	1.26
232.50	233.50		152033	1.00	0.026	0.91
233.50	234.50		152034	1.00	0.160	5.49
234.50	235.50		152035	1.00	0.012	0.41
235.50	236.50	siliceous andesite/dissemin.	152036	1.00	0.004	0.15
236.50	237.50		152037	1.00	0.003	0.12
237.50	238.50		152038	1.00	0.004	0.13
238.50	239.50	qtz breccia vein, arsenopy 3-5%	152039	1.00	0.024	0.83
239.50	240.50		152040	1.00	0.011	0.37
240.50	241.50		152041	1.00	0.010	0.34
241.50	242.32		152042	0.82	0.017	0.59

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 9

DDH #: 11000-71

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
242.32	254.51	581 MINERALIZED QUARTZ - ALTERED ANDESITE BRECCIA (strong zone material)  - qtz breccia with siliceous-mineralized grey (probably andesites) breccia fragments. - andesitic fragments highly silicified with abundant disseminated sulphides (not typical zone material)				
242.32	243.32	dissemin. Py + Po + Arsenopy breccia	152043	1.00	0.032	1.09
243.32	244.32		152044	1.00	0.011	0.37
244.32	245.32		152045	1.00	0.036	1.24
245.32	246.32	qtz-albite breccia, minor calcite	152046	1.00	0.032	1.09
246.32	247.32	stringers with grey colour, highly	152047	1.00	0.046	1.59
247.32	248.32	mineralized fragments, Py + Po +	152048	1.00	0.138	4.75
248.32	249.32	Arsenopy > 10%	152049	1.00	0.151	5.16
249.32	250.32		152050	1.00	0.092	3.15
250.32	251.32	qtz breccia, fine dissemin.	152051	1.00	0.105	3.62
251.32	252.32	Py + Arsenopy > 10% lesser Po ~ 2-3%	152052	1.00	0.078	2.69
252.32	253.32		152053	1.00	0.032	1.10
253.32	254.51		152054	1.19	0.043	1.49
254.51	264.55	581 ALTERED-MINERALIZED ANDESITE (strong zone material)  - grey to purple brownish siliceous alteration, highly mineralized with finely disseminated arsenopyrite, pyrite and lesser pyrrhotite - partly brecciated and healed with albite and qtz-albite veins - mineralized, purple-brown talcose-like shears and seams - foliation - shear ~ 15-20 deg. to CA - increase in albite veins & stringers parallel to CA and 45 deg. to CA - at 264.55m contact between mineralization and talcose serpentine is ~ 15 deg. to CA				
254.51	255.50		152055	0.99	0.073	2.50
255.50	256.50		152056	1.00	0.100	3.42
256.50	257.50		152057	1.00	0.145	4.97
257.50	258.50		152058	1.00	0.125	4.30
258.50	259.50		152059	1.00	0.120	4.12
259.50	260.50		152060	1.00	0.148	5.08
260.50	261.50		152061	1.00	0.193	6.62
261.50	262.50		152062	1.00	0.220	7.55
262.50	263.50		152063	1.00	0.040	1.37
263.50	264.55		152064	1.05	0.071	2.44



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11000N

Page: 10

DDH #: 11000-71

from to  
(m) (m)

264.55 278.89

768 TALCOSE SCHIST

- creamy-white to light grey
- massive soapstone and talcose shears
- foliated shears ~ 40-45 deg. to CA
- qtz vein 0.5m wide, unmineralized

264.55	265.55	talc schist	152065	1.00	0.041	1.41
265.55	266.70	talc, no sulphides	152066	1.15	0.003	0.10

END OF HOLE @ 278.89m (915 ft.)



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 11050N

Diamond Drill Log

DDH #: 11050-1

Northing: 11050  
 Easting: 10518  
 Elevation: 880  
 Azimuth: 90  
 Inclination: 30  
 Grid: MINE  
 Length (m): 97.5  
 Core size: BQTK  
 Contractor: BOIVENEAU  
 Drill type: GOPHER

Drill Hole Survey

Method: \_\_\_\_\_

Azimuth	Dip	Depth
90	30	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: JAN 8/96  
 Date completed: JAN 10/96  
 Logged by: J.F.P.

Purpose: TO TEST ZONE MATERIAL TO THE EAST FROM 875 EXPLORATION DRIFT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	4.03	680 SILTSTONE - gray, greenish brown - fine grained - thin bedded, bedding 50 deg. to CA - Pyrrhotite on bed plan - sparse quartz & carbonate & chlorite stringer				
		3.00 4.03 siltstone	88121	1.03	0.002	0.06
4.03	9.14	529 ZONE MATERIAL 5 - 10% pyrite, 1-5% pyrrhotite in brecciated siltstone - alteration quartz + albite + carbonate with minor amount of chlorite - the pyrite is euhedral and small traces of chalcopyrite present in small veinlets				
		4.03 5.00 5% Py + 3% Po brecciated	88122	0.97	0.050	1.73
		5.00 6.00 5% Py + 3% Po brecciated	88123	1.00	0.013	0.45
		6.00 7.00 5% Py + 3% Po brecciated	88124	1.00	0.024	0.82
		7.00 8.00 5% Py + 3% Po brecciated	88125	1.00	0.017	0.60
		8.00 9.14 large quartz vein	88126	1.14	0.016	0.56
9.14	19.70	680 SILTSTONE - grey greenish, thin bedded, bedding 50-60 deg. to CA, slightly brecciated with quartz carbonate, chloritic vein - contain locally < 3% Pyrite. 1% pyrrhotite				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
9.14	19.70	680 SILTSTONE (cont'd) 9.60 - 10.00 broken core				
	9.14	10.00 brecciated siltstone, Py + Po	88127	0.86	0.010	0.34
	10.00	11.00 siltstone	88128	1.00	0.008	0.28
	11.00	12.00 siltstone	88129	1.00	0.002	0.08
	12.00	13.00 siltstone	88130	1.00	0.009	0.31
	13.00	14.00 siltstone	88131	1.00	0.001	0.05
19.70	36.86	662 PEBBLE CONGLOMERATE - grey brown chloritic stretched pebbles and lithic fragments with the occasional siltstone boulder - the conglomerate also interfingers with given turbidite beds				
36.86	39.62	680 SILTSTONE - broken core, minor unmineralized qtz veins, at 39.66 siltstone in contact with massive calcite/qtz vein				
	38.62	39.62 siltstone with minor qtz veins	88132	1.00	0.001	0.01
39.62	41.15	514 ZONE MATERIAL - massive qtz-calcite vein - between 40.62-41.15 qtz breccia with mineralized fragments - the calcite vein between 39.62-40.10 shows no visible sulphides				
	39.62	40.62 massive qtz/calcite	88133	1.00	0.001	0.01
	40.62	41.62 qtz breccia and green turbidite, Po < 3%	88134	1.00	0.003	0.11
41.15	49.14	690 TURBIDITE green bedding 45 deg. to CA				
49.14	56.39	660 PEBBLE CONGLOMERATE - chloritic & argillite clasts in chloritic matrix cut by confluted unmineralized qtz vein.				
56.39	73.30	682 CHLORITIC SILTSTONE - finely laminated beds are predominately 70 deg to CA				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-1

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
73.30	86.47	682 CHLORITIC SILTSTONE - finely laminated, bedding 30-35 deg. to CA - fine stringers of qtz along bedding - sections of the siltstone are partly contorted					
86.47	95.20	650 CONGLOMERATIC SILTSTONE - beds are contorted with numerous subrounded siltstone clasts, also has the appearance of been brecciated - between 88.39 - 91.44 numerous fine irregular qtz veinlets, disseminated and irregular seams of pyrrhotite and occasional blebs of chalcopy.					
	88.39	89.40	qtz veinlets, Po 5%, chalopy < 1%	88135	1.01	0.002	0.08
	89.40	90.40		88136	1.00	0.030	1.02
	90.40	91.44	qtz breccia, Po 5%, chalcopy < 1%	88137	1.04	0.264	9.06
	91.44	92.44		88138	1.00	0.038	1.29
95.20	97.20	620 SILTY ARGILLITE - finely laminated argillaceous beds, bedding 30-35 deg. to CA, some minor siltstone conglomeratic clasts.					
97.20	97.54	632 CHLORITC GRAYWACKE minor lithic fragments					

END OF HOLE @ 97.54 meters

**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11050N

**Diamond Drill Log**

**DDH #:** 11050-2

Northing: 11050  
 Easting: 10518  
 Elevation: 879  
 Azimuth: 90  
 Inclination: -8  
 Grid: MINE  
 Length (m): 94.49  
 Core size: AQTHINWALL  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey		
Method: <u>DEGREE RULER</u>		
Azimuth	Dip	Depth
90	-8	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: JAN 10/96  
 Date completed: JAN 11/96  
 Logged by: DGC

**Purpose:** TO INVESTIGATE EAST SIDE OF 875 EXPLORATION DRIFT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	2.75	690 TURBIDITE - badly fractured and broken - bedding at collar is 75-80 deg., changes to shallower angle 15-20 deg. to CA				
2.75	6.25	694 TURBIDITE (WEAK ZONE MATERIAL) - partly silicified with some narrow, irregular qtz veins.				
	2.25	3.25 disseminated pyrrhotite < 3%	128453	1.00	0.003	0.12
	3.25	4.25 weak zone material	128454	1.00	0.008	0.27
	4.25	5.25	128455	1.00	0.013	0.44
	5.25	6.25	128456	1.00	0.003	0.10
6.25	9.65	541 ZONE MATERIAL 6.25-6.75 weak zone material with qtz stringers, Po < 3%, bedding 70 deg. to CA, 6.75-7.65 strong qtz with grey mineralized breccia fragments				
	6.25	7.25 qtz breccia, Py + Po 5-10%, arsenpy < 3%	128457	1.00	0.002	0.06
	7.25	8.25	128458	1.00	0.003	0.09
	8.25	9.25	128459	1.00	0.003	0.12
	9.25	10.25 Py + Po 5-10%	128460	1.00	0.008	0.28
	10.25	11.25 chloritic siltstone	128461	1.00	0.007	0.23
9.65	18.89	682 SILTSTONE - chloritic, finely laminated, bedding generally constant between 65 - 70 deg. to CA				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
18.89	19.75	682 SILTSTONE - badly broken & fractured, unmineralized weak chloritic alteration					
19.75	20.30	682 SILTSTONE - finely laminated, bedding 70 deg. to CA, badly fractured, chloritic					
20.30	21.34	250 FAULT brittle fault - fractured siltstone					
21.34	38.10	682 SILTSTONE - finely laminated, bedding 60 - 65 deg, partly chloritic					
	28.26	29.36	minor Po < 3%	128462	1.10	0.008	0.28
	29.36	29.98	qtz breccia Py + Po 5-8%	128463	0.62	0.042	1.44
	29.98	30.98	chloritic siltstone Po < 2%	128464	1.00	0.002	0.08
38.10	43.15	524 ZONE MATERIAL (WEAK ZONE MATERIAL) - chloritic siltstone, partly silicified with some narrow qtz stringers and minor albite stringers, weak mineralization					
	38.10	39.10	chloritic siltstone with qtz	128465	1.00	0.046	1.59
	39.10	40.10	Po + Py 2-4%	128466	1.00	0.006	0.22
	40.10	41.15		128467	1.05	0.109	3.75
	41.15	42.15	Po + Arsenpy 3-5%	128468	1.00	0.029	1.00
	42.15	43.15	chloritic siltstone, < 1% Po	128469	1.00	0.017	0.59
43.15	62.16	682 SILTSTONE - chloritic bedding generally is between 65-75 deg. to CA, sections display some confluted bedding and slumping with occasional rip-clast - shows little to no mineralization					
62.16	64.00	630 GRAYWACKE - fairly homogenous, fine greywacke with occasional silty argillaceous beds					

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-2

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
64.00	77.57	684 CHERTY SILTSTONE - light green to green grey, aphanitic, very cherty - occasional fine lamination suggest the bedding to about 45 deg. to CA - at 70.00 appears to a small cluster of foramifera in a rich chert matrix.				
77.57	80.05	630 GRAYWACKE - fine grain, grading toward siltstone near bottom of section, fairly homogenous, only one narrow qtz vein.				
80.05	81.55	250 FAULT - BRITTLE - fault: fractures equal to CA in pebble conglomerate, core is badly broken, fault contact with the conglomerate is 45 deg. to CA				
81.55	87.93	662 PEBBLE CONGLOMERATE - a melange of pebbles and lithic fragments with the occasional siltstone boulder in a chloritic siltstone matrix. - near bottom of section the conglomerate is interbedded with silty argillite - conglomerate also grades to more of a lithicwacke				
87.93	94.49	620 SILTY ARGILLITE - finely laminated, bedding 40 deg. to CA with occasional interbeds of lithic graywacke - minor disseminated pyrrhotite along bedding planes				

END OF HOLE @ 94.49 metres





ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
14.98	24.28	691 ALTERED TURBIDITE -bedding well preserved, sulphides abundant becoming less common down hole sparse sulphides below 18.00				
14.98	16.00	Py + Po 5%	128487	1.02	0.017	0.57
16.00	17.00	Py + Po <5%	128488	1.00	0.027	0.94
17.00	18.00	minor sulfides	128489	1.00	0.001	0.02
18.00	19.00	sparse Py	128490	1.00	0.001	0.01
19.00	20.00	trace Py	128491	1.00	0.001	0.01
20.00	21.00	trace sulfides	128492	1.00	0.001	0.01
21.00	22.00	alteration CaCo3	128493	1.00	0.002	0.08
22.00	23.00		128494	1.00	0.009	0.31
23.00	24.28	qtz. breccia & shearing	128495	1.28	0.063	2.18
		- calcite veinlets increase 21.00 and down to contact. Quartz breccia with minor Po from 23.71 to 24.28				
24.28	26.70	422 CHLORITIC VOLCANIC -uniform chloritic andesite, minor calcite veinlets, some chlorite lenses - major gouge filled fault, 26.70-26.85				
24.28	25.00		128496	0.72	0.046	1.57
25.00	26.00		128497	1.00	0.075	2.56
26.00	26.85	gouge 19 cm.	128498	0.85	0.122	4.17
26.70	26.85	222 FAULT - gouge filled				
26.85	37.22	693 ALTERED TURBIDITE  -bedding at 20 to 25 deg. to core axis, very altered by chlorite, calcite - quartz.				
26.85	28.00		128499	1.15	0.041	1.41
28.00	29.00		128500	1.00	0.037	1.25
29.00	30.00		88101	1.00	0.011	0.37
30.00	31.00		88102	1.00	0.007	0.24

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
31.00	32.00		88103	1.00	0.027	0.94
32.00	33.00		88104	1.00	0.007	0.24
33.00	34.00		88105	1.00	0.008	0.28
34.00	35.00		88106	1.00	0.023	0.79
35.00	36.00		88107	1.00	0.026	0.89
36.00	37.22		88108	1.22	0.009	0.30

-bedding at 34.15 is 50 deg. to C.A.  
 - more intense alteration starting at approximately 35m  
 resembles chlorite Greywacke, quartz calcite alteration  
 also  
 -overall brecciated appearances

37.22 47.27 521 ZONE MATERIAL

- quartz - albite - carbonate alterations with abundant,  
 variable sulphides  
 - zone appears to have replaced conglomerate rock at  
 41.80 but only vague ghosts remain.

37.22	38.00	> 10% Py + Po mixed	88109	0.78	0.060	2.07
38.00	39.00		88110	1.00	0.163	5.60
39.00	40.00	> 10 % Py + Po	88111	1.00	0.219	7.53
40.00	41.00		88112	1.00	0.307	10.52
41.00	42.00		88113	1.00	0.129	4.42
42.00	43.00		88114	1.00	0.077	2.63
43.00	44.00		88115	1.00	0.031	1.06
44.00	45.00		88116	1.00	0.136	4.65
45.00	46.00		88117	1.00	0.098	3.35
46.00	47.27	> Po than Py, calcite + qtz.	88118	1.27	0.154	5.30

Lower contact sheared 65 deg to C.A.

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 4

DDH #: 11050-3

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
47.27	69.84	650 CONGLOMERATIC ARGILLITE -relatively unaltered irregular subrounded to subangular clasts floating in fine grained argillaceous matrix.				
	47.27	48.00	88119	0.73	0.009	0.32
	48.00	49.00	88120	1.00	0.007	0.23
		-well laminated at 54.00 is 45 deg to C.A., fractures 5 deg to C.A. but not well fractured -bedding foled at 56.52 but generally at 80 deg to C.A. -pebbles at 59.30 - 59.48, light grey chert pebbles up to 20 mm in length, beds at 30 deg. to C.A. -pebbles more abundant 59.90 - 60.40 - more pebbly (argillaceous pebble conglomerate) from 62.20 to 67.88, bedding 20 deg. to C.A.				
69.84	91.94	610 SILTY ARGILLITE -black with dark grey silty interbeds, minor coexist veinets, bedding at 71 is 20 deg. to C.A., but variable, up to 45 deg. to C.A. at 76.50 and 90 deg. to C.A. at 89 to Eort.				

END OF HOLE 91.44  
300 ft.



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
23.96	32.42	680 SILTSTONE - fine lamination, bedding predominately 80-85 deg. to CA, narrow sections display load casts and slumping features.					
32.42	34.21	630 LITHICWACKE siltstone beds 65 deg. contact with lithicwacke					
34.21	36.14	680 SILTSTONE bedding 70 deg. to Ca, minor chloritic alteration					
36.14	36.60	266 FAULT - sheared graphitic carbonaceous fragments, graphitic slickensides, carbonaceous gouge < 10%					
36.60	41.15	650 CONGLOMERATIC ARGILLITE - argillite pebbles and cobbles in finely laminated argillaceous matrix, bedding about 80 deg. to CA - minor qtz vein unmineralized, grades to lithicwacke at bottom of section					
41.15	42.67	642 LITHICWACKE partly chlortic					
42.67	71.10	682 CHLORITIC SILTSTONE - finely laminated, bedding is predominately 80-85 deg. to CA, partly siliceous alteration between 54.86-57.91 metres with massive qtz vein between 56.53-56.83, no sulphides noted - sections of siltstone beds are also disrupted by depositional features including load casts and reworked rip-clasts.					
	54.86	55.90	Py + Po < 2%	88188	1.04	0.002	0.06
	55.90	56.90	massive qtz vein	88189	1.00	0.002	0.07
	56.90	57.91		88190	1.01	0.001	0.03

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-4

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
71.10	76.20	684 ALTERED SILTSTONE (weak zone material) - beds 65 deg. to CA, partly silicified, a 40 cm thick qtz vein @ 71.63 m. Pyrrhotite assoc. with the qtz veining					
	71.10	72.10	qtz vein & albite/qtz veinlets	88191	1.00	0.005	0.16
	72.10	73.15	predominately Po ~ 3-5 %	88192	1.05	0.006	0.20
	73.15	74.15		88193	1.00	0.020	0.69
	74.15	75.15		88194	1.00	0.019	0.66
	75.15	76.20		88195	1.05	0.009	0.31
76.20	87.78	682 CHLORITIC SILTSTONE - finely laminated siltstone, predominate bedding angle 65 - 70 deg. to CA, between 84.35 to 84.72 bed of pebble conglomerate					
87.78	89.87	662 PEBBLE CONGLOMERATE - chloritic, melange of rounded chloritic siltstone pebbles and cobbles and subangular lithic fragments					
89.87	96.80	684 ALTERD SILTSTONE - silicified, bedding varies from about 80 deg. to 45 deg. to CA, Pyrrhotite is the predominate sulphide - from 89.92 - 90.80 - zone material					
	89.92	90.80	albite/qtz breccia disseminated Py + Po + Arsenpy 5-10 %	88196	0.88	0.005	0.19
	90.80	91.80	siliceous siltstone, Py < 2% + Po ~ 5%	88197	1.00	0.001	0.05
	91.80	92.80		88198	1.00	0.001	0.03
	92.80	93.80	disseminated Po ~ 3-5%	88199	1.00	0.001	0.05
	93.80	94.80		88200	1.00	0.001	0.02
	94.80	95.80	disseminated Po ~ 3-5%	88301	1.00	0.003	0.12
	95.80	96.80		88302	1.00	0.001	0.03
96.80	102.86	680 SILTSTONE - finely laminated, bedding 45-50 deg. to CA - interbedded with wacke and conglomeratic wacke					
102.86	106.88	660 CONGLOMERATIC ARGILLITE - purple-brownish turbidite boulders in siltstone matrix, bedding 45 deg. to CA					

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 4

DDH #: 11050-4

from (m)	to (m)	Description ----- -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
106.88	111.25	682 CHLORITIC SILTSTONE - finely laminated, bedding at 45 deg. to CA - graphitic slickensides along bedding planes				
111.25	117.35	662 CHLORITIC PEBBLE CONGLOMERATE - qtz veins between 113.25-116.30 partly mineralized with fine disseminated arsenopy				
	111.25	112.25 siliceous, Po < 3%	88303	1.00	0.003	0.12
	112.25	113.25	88304	1.00	0.019	0.65
	113.25	114.30 qtz vein, Py + Po 2-3%	88305	1.05	0.008	0.27
	114.30	115.30 narrow (0.40 m) qtz vein with	88306	1.00	0.007	0.23
	115.30	116.30 disseminated arsenopy	88307	1.00	0.010	0.35
	116.30	117.35	88308	1.05	0.001	0.04
117.35	121.92	620 SILTY ARGILLITE finely laminated, thin argillaceous beds at 40 deg to CA				

END OF HOLE @ 121.92 metres



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 11050N

Diamond Drill Log

DDH #: 11050-58

Northing: 11050.00  
 Easting: 10518.00  
 Elevation: 880.50  
 Azimuth: 90  
 Inclination: 12  
 Grid: MINE  
 Length (m): 96.01  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	12	0

Property: LADNER CREEK  
 NTS: 92 H/11W  
 Claim: IDAHO  
 Date started: DEC 16/95  
 Date completed:    
 Logged by: JFP

Purpose: TEST EAST SIDE OF EXPLORATION DRIFT FOR POTENTIAL ZONE MATERIAL -  
EXPLORAING NEW GROUND ,UPPER ZONE TARGET

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	0.90	910 CASING				
0.90	5.40	626 SILTY ARGILLITE-SILTSTONE Dark grey, abundant graphitic slickensides. soft sediment structures: confluted bedding & rip-up clasts 1.52-2.22 fault, graphitic slickensides, carbonaceous gouge @2.02 @4.57 bedding @ 50 deg to CA				
5.40	10.97	511 ZONE MATERIAL Weak to moderate mineralization qtz/silts breccia w/fine dissem. py& pyr & arsenopy (2-4%) 10.52-10.97 massive, milky qtz - little to no min.				
		4.84 5.84	26751	1.00	0.016	0.56
		5.84 6.84	26752	1.00	0.093	3.20
		6.84 7.84	26753	1.00	0.026	0.90
		7.84 8.84	26754	1.00	0.013	0.45
		8.84 9.84	26755	1.00	0.007	0.23
		9.84 10.97	26756	1.13	0.048	1.66
10.97	26.95	690 TURBIDITE 21.00-21.85 coarser clastic section interbeds of fine silts. @12.70 beddings in 45 deg to CA @15.20 bedding 48.50 deg to CA. @ 21.30 bedding @42 deg to CA				



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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-58

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		11.37-11.67 fault, chloritic gouge <10% 40 deg to CA				
		14.22-14.42 fault, brittle				
		15.79-16.20 fault, brittle				
		16.20-16.40 fault, chloritic gouge >50%				
		16.40-17.26 fault, brittle, fracturing parallel to CA				
		23.88-24.38 fault, brittle				
		26.11-26.91 fault, brittle				
26.95	29.35	626 SILTY ARGILLITE				
		27.63-28.23 fault, brittle, carbonaceous				
		28.96-29.35 fault, graphitic, slickensides				
		40.12-40.32 fault brittle				
29.35	43.33	630 GREYWACKE				
		fine gr, grey, wacke-siltstone				
		42.27-43.33 wrably silicified at contact with chloritic wacke/volcanic sandstone				
43.33	47.00	642 LITHICWACKE				
		coarse, poorly bedded, chloritic				
47.00	51.60	690 TURBIDITE				
		Chloritic, disrupted, poorly bedded, flame, narrow fracture fill with carbonate mostly fine section with some coarse clastic section.				
		48.54 bedding 30 deg to CA				
		50.00 bedding 35 deg to CA				
51.60	57.18	422 CHLORITIC ANDESITE				
		Dark green carbonate alteration.				
		53.99-54.15 fault slickensides in silicious brecciated zone.				
		54.86-55.30 fault brittle in large quartz vein (12 cm) with coarse grain of euhedral arsenopyrite (1 cm)				
		56.84-57.04 vein quartz with minor amount of carbonate and chlorite 45 deg to CA				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-58

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
57.18	62.50	692 TURBIDITE Pale green, chloritic, poorly bedded, disrupted, folded zone, locally foliated = 55 deg to CA with brecciated zone weakly mineralized <3 deg pyro <1% pyr. some chalcopyrite in traces.  60.65-60.87 brecciated fault <10% gouge mineralized zone 3-10% pyrrhotite <2% pyrite in quartz breccia and finely disseminated in the turbidite.				
	59.50	60.50 chloritic turbidite	26757	1.00	0.012	0.40
	60.50	61.00 fault brecc. mineralized zone 3-10% pyro <2% pyrite, silica	26758	0.50	0.015	0.51
	61.00	62.00 weakly mineralized turbidite	26759	1.00	0.011	0.37
	62.50-62.60	fault brittle				
62.50	66.40	642 FINE LITHICWACKE Chloritic slightly brecciated quartz + carbonate vein 45 deg to CA - bedding variable.  65.12 bedding 18 deg to CA				
	62.00	63.00 brecciated turbidite, coarse	26760	1.00	0.008	0.27
	63.00	64.00 brecciated turbidite, coarse	26761	1.00	0.011	0.38
	64.00	65.00 siltstone qz+carb vein weakly mineralized	26762	1.00	0.006	0.21
66.40	81.85	692 TURBIDITE disrupted, mixed mostly fine cycle chloritic alteration, numerous fracture fill with carbonate along the sequence.  71.60-71.65 fault brittle chloritic 73.75 bedding 35 deg to CA 79.68-79.90 fault brittle in dark turbidite brecciated 81.10-81.15 fault brittle gravely core				
	79.00	80.00 brecciated turbidite, fracture	26763	1.00	0.008	0.28
	80.00	81.50 faulted turbidite	26764	1.50	0.011	0.39
81.85	90.21	690 TURBIDITE				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 4

DDH #: 11050-58

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		Mineralized, brecciated with coarse cycle (pebble size) quartz carbonate chlorite alteration. foliated (=4 deg to CA) 3-10% pyrrhotite, 2% pyrite fine disseminated along foliation plane or filling the fracture. 85.50-90.21 dark thin bedded turbidite with <3% po with abundant carbonate fill fracture.				
81.50	82.50	brecc. mineralized turbidite	26765	1.00	0.005	0.17
82.50	83.50	coarse pebbly cycle 3-10% po-py	26766	1.00	0.027	0.92
83.50	84.50	coarse pebbly cycle 10% po-py	26767	1.00	0.032	1.10
84.50	85.50	coarse sandy cycle fine sulphides	26768	1.00	0.032	1.11
85.50	86.50	thin bedded, turbidite <3% po <1% py disseminate carb. fracture	26769	1.00	0.022	0.74
86.50	87.50	thin bedded turbidite fine sulphides <3% po <1% py disseminate	26770	1.00	0.024	0.82
87.50	88.50	turbidite low sulphides on bedding plane <3% po	26771	1.00	0.005	0.18
		88.39 bedding 50 deg to CA				
		89.43 bedding 47 deg to CA				
88.50	89.50	black turbidite thin bedded <3% po on bedding plane carbonate fill fracture	26772	1.00	0.001	0.01
89.50	90.50	black turbidite-congl. argillite abundant carbonate fill fracture <3% po	26773	1.00	0.001	0.01
90.21	96.01	650 CONGLOMERATIC SILTY ARGILLITE Well rounded clast chart, volcanic lithic floating in dark silty argillitic matrix - clast 10-15% locally >50% up to 5 cm diametre average 0.5 cm diameter, abundant fracture fill with carbonate quartz-chlorite. 95.00 bedding 45 deg to CA				

EOH 96.01



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

SECTION 11050N

**Diamond Drill Log**

DDH #: 11050-59

Northing: 11050.00  
 Easting: 10514.00  
 Elevation: 878.00  
 Azimuth: 270  
 Inclination: -47  
 Grid: MINE  
 Length (m): 198.12  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey		
Method: <u>DEGREE RULE</u>		
Azimuth	Dip	Depth
270	-47	0

Property: LADNER CREEK  
 NTS: 92 H/11W  
 Claim: IDAHO  
 Date started: DEC 19/95  
 Date completed:    
 Logged by: JFP

Purpose: TO INVESTIGATE LOWER WEST TARGET UNDER THE VOLCANICS

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.52	910 CASING				
1.52	22.00	620 SILTY ARGILLITE-SILTSTONE  Dark brown grey thin bedding, mixed, pyrrhotite + pyrite present in small amounts along bedding plane, chalcopyrite also observed in traces, carbonate + quartz + chlorite vein 0.5 cm wide  7.85 bedding 50 deg to CA 8.85-8.95 fault slickensides 240 deg to CA 9.90-9.92 fault brittle broken core 12.85-12.88 fault brittle 14.10-14.12 fault brittle 14.70-14.75 fault brittle 16.70-16.79 fault brittle 17.60-17.70 fault brittle broken core 18.20-18.29 fault brittle broken core 21.30-21.35 fault brittle				
	20.40	22.00 weak brecc. siltstone	26782	1.60	0.010	0.34
	22.00	23.00 breccia vein, qz, asp+py+po	26783	1.00	0.029	1.00
22.00	44.20	541 ZONE MATERIAL  In brecciated siltstone quartz vein with arsenopyrite, pyrite, pyrrhotite in silica altered siltstone, mineralization variable 3-10% po <2% py, locally >10% po-py				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-59

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
23.00	24.00	breccia vein, qz, arseno + py,po	26784	1.00	0.013	0.46
24.00	25.00	breccia vein, qz, arseno + py,po	26785	1.00	0.070	2.39
25.00	26.00	silicified alt. siltstone 3-10% po.py+arseno	26786	1.00	0.192	6.58
26.00	27.00	brecc. silicified siltstone py, euhedral, arseno + po	26787	1.00	0.136	4.66
27.00	28.00	silicified siltstone, brecc. po, arseno, py	26788	1.00	0.048	1.65
28.00	29.00	silicified siltstone, brecc. po, arseno, py	26789	1.00	0.073	2.51
29.00	30.00	silicified siltstone, brecc. po, arseno, py	26790	1.00	0.023	0.78
30.00	31.00	foliated faulted, siltstone py+ars+po >8%	26791	1.00	0.078	2.67
31.00	32.00	foliated faulted, siltstone py+ars+po >8%	26792	1.00	0.111	3.82
32.00	33.00	silicified + chl brecc.siltstone	26793	1.00	0.031	1.05
33.00	34.00	silicified + brecc. py+po >10%	26794	1.00	0.049	1.67
34.00	35.00	silicified + brecc. py+po >10%	26795	1.00	0.070	2.41
35.00	36.00	silicified siltstone weak mineralization	26796	1.00	0.023	0.80
36.00	37.50	chloritic siltstone, weak	26797	1.50	0.014	0.47
37.50	39.00	chloritic siltstone, weak	26798	1.50	0.012	0.42
39.00	40.50	chloritic siltstone, weak	26799	1.50	0.006	0.22
40.50	41.50	mineraliz brecc. siltstone >10% po-py	26800	1.00	0.042	1.45
41.50	42.50	weak mineralized siltstone	26801	1.00	0.067	2.31
42.50	43.50	mineralized siltstone cose >10% po-py	26802	1.00	0.049	1.68
44.20	46.00	541 ZONE MATERIAL IN PEBBLE CONGLOMERATE BRECCIATED mineralized >10% po.py+arseno intensely silicified well rounded quartz pebble 0.5 cm diameter in silicious sulphided matrix.				
		43.50 44.50 3-10% py+po coarse siltstone+pebble conglomerate	26803	1.00	0.108	3.72
		44.50 45.50 pebble cong. 3-10% po-py	26804	1.00	0.097	3.31
		45.50 46.50 breccia qtz+carb >10% po-py	26805	1.00	0.154	5.27
46.00	72.87	531 ZONE MATERIAL In alt. siltstone brecciated, silicified, weaker section 3% po - 1% py darker sequence. Local graphitic alteration.				
		46.50 47.50 brecc. siltstone 3-10% py	26806	1.00	0.130	4.46
		47.50 48.50 brecc. siltstone 3-10% py	26807	1.00	0.073	2.49
		48.50 49.50 brecc. siltstone 3-10% py	26808	1.00	0.037	1.28
		49.50 50.50 brecc. siltstone 3-10% py	26809	1.00	0.037	1.29
		50.50 51.50 dark graphitic faulted siltstone	26810	1.00	0.009	0.30
		51.50 52.50 weak mineralized siltstone	26811	1.00	0.056	1.94
		52.50 53.50 weak mineralized chloritic siltstone	26812	1.00	0.016	0.56

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-59

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
53.50	54.50	weak brecc. siltstone >3% po, py	26813	1.00	0.038	1.30
54.50	55.50	brecc. siltstone >10% po-py	26814	1.00	0.018	0.63
	55.70-55.75	fault <10% gouge, chloritic				
55.50	56.50	faulted siltstone brecc. carb+chl+qz	26815	1.00	0.036	1.25
56.50	57.50	weak mineralized alt. siltstone	26816	1.00	0.013	0.46
57.50	58.50	dark brown faulted brittle siltstone	26817	1.00	0.024	0.84
58.50	59.50	faulted brittle slightly brecc. siltstone	26818	1.00	0.024	0.82
59.50	60.50	brecc, carbonate rich, siltstone	26819	1.00	0.006	0.21
60.50	61.50	altered, silicified, siltstone, chloritic	26820	1.00	0.025	0.87
61.50	62.50	qtz vein, broken core, siltstone, 3% po + py brown dark sequence	26821	1.00	0.001	0.01
	62.48-62.55	fault brittle graphitic alteration				
62.50	63.50	siltstone disrupted bedding parallel to CA weak mineralization	26822	1.00	0.002	0.06
63.50	64.50	siltstone faulted graphitic alt. weak	26823	1.00	0.002	0.08
64.50	65.50	siltstone faulted slickenside subparallel to CA weak mineralization	26824	1.00	0.001	0.03
	64.01	fault brittle graphitic				
	65.00	fault slickenside graphitic				
	65.50	fault brittle graphitic				
65.50	66.50	dark siltstone disrupted graphitic alteration	26825	1.00	0.001	0.03
66.50	67.50	dark siltstone disrupted graphitic alteration	26826	1.00	0.001	0.04
67.50	68.50	sheared foliated chloritic siltstone carbonate veinlets	26827	1.00	0.005	0.17
68.50	69.50	faulted dark siltstone <1% sulphides	26828	1.00	0.004	0.14
69.50	71.00	dark foliated siltstone 45 deg to CA	26829	1.50	0.005	0.17
	70.50	fault slickensides graphitic 60 deg to CA				
71.00	72.00	foliated slightly brecc. siltstone carbonate veinlets	26830	1.00	0.019	0.66
72.00	73.00	contact zone w/ andesite Po+py+arseno	26831	1.00	0.028	0.96
72.87	78.50	422 ANDESITE Brownish green chloritic foliated slightly mineralized near contact with sediment. <1% sulphides po, py, arseno traces brecciated weakly qtz+carbonate+chlorite foliation 30 deg up to 5 deg to CA				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 4

DDH #: 11050-59

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
73.00	74.00	grn chloritic andesite foliated <1% sulphides	26832	1.00	0.053	1.83
74.00	75.00	brown sheared andesite parallel to CA	26833	1.00	0.008	0.29
75.00	76.00	brown sheared andesite parallel to CA	26834	1.00	0.001	0.04
76.00	77.00	brown sheared andesite parallel to CA	26835	1.00	0.001	0.03
77.00	78.00	brown sheared andesite parallel to CA	26836	1.00	0.001	0.02
		78.10 fault <10% gouge				
		78.00 79.00 chloritic andesite	26837	1.00	0.002	0.06
78.50	83.64	422 GREEN CHLORITIC ANDESITE quartz + carbonate veining				
		79.00 80.00 chl. andesite	26838	1.00	0.001	0.05
		80.00 81.00 chl. andesite	26839	1.00	0.002	0.05
83.64	84.18	686 SILTSTONE dark foliated between low graphitic fault slickenside parallel to CA graphitic alteration				
84.18	86.82	422 CHLORITIC ANDESITE  85.70-85.75 fault brittle				
86.82	88.39	432 CRYSTAL TUFF with 1 mm crystals in fine green matrix.				
88.39	106.68	420 ANDESITE massive, chloritic, aphanitic				
106.68	106.98	250 BRITTLE FAULT				
106.98	117.89	420 ANDESITE massive, chloritic, aphanitic. occasional qtz and calcite stringers				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 5

DDH #: 11050-59

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
117.89	118.65	420 ANDESITE (SCHISTOSE) schistose, foliation 40 deg to CA shearing				
118.65	135.24	422 ANDESITE massive, chloritic, minor calcite stringers				
135.24	137.79	450 DIORITE coarsely textured, slightly foliated, gradually grades to finer texture with andesite contact @137.79. at 135.24 contact is 45 deg to andesite fine stringers of calcite and qtz				
	135.64	136.64	128146	1.00	0.001	0.03
	136.64	137.64	128147	1.00	0.001	0.02
137.79	141.76	422 ALTERED ANDESITE low sulphides <3%				
	137.64	139.00	128148	1.36	0.001	0.02
	139.00	140.21	128149	1.21	0.001	0.05
	140.21	141.21	128127	1.00	0.002	0.06
141.76	142.26	422 CHLORITIC ANDESITIC BRECCIA ZONE brecc in fault contact w/zone material				
	142.24	142.26				
		FAULT fault contact-carbonaceous graphitic @60 deg to CA				
	141.21	142.26	128128	1.05	0.005	0.16
142.26	172.69	551 ZONE MATERIAL mineralized qtz/silts breccia to 145.00 bedding parallel to CA, chloritic alter				
	142.26	143.26	128129	1.00	0.003	0.10
	143.26	144.26	128130	1.00	0.005	0.16
	144.26	145.26	128131	1.00	0.001	0.03
	145.26	146.30	128132	1.04	0.002	0.08
	146.30	147.30	128133	1.00	0.006	0.21
	147.30	148.30	128134	1.00	0.004	0.12
	148.30	149.35	128135	1.05	0.002	0.08
	149.35	150.35	128136	1.00	0.001	0.03
	150.35	151.35	128137	1.00	0.001	0.01
	151.35	152.40	128138	1.05	0.001	0.04
	152.40	153.40	128139	1.00	0.001	0.01



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 6

DDH #: 11050-59

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
153.40	154.40	finely dissem Py+Po (arsenopy 5-10%	128140	1.00	0.001	0.01
154.40	155.45	some qtz breccia stringers & albite	128141	1.05	0.001	0.01
155.45	156.45	fine Py+Po (arsenopy) 5-10%	128142	1.00	0.001	0.01
156.45	157.45		128143	1.00	0.001	0.02
157.45	158.50	fine dissem Py+ Po >10% qtz/alb	128144	1.05	0.002	0.06
158.50	159.50		128145	1.00	0.001	0.03
159.50	160.50	pervasive silicification and albite	128152	1.00	0.002	0.05
160.50	161.50	py + Po (arsenpy) >10% altered	128153	1.00	0.003	0.10
161.50	162.50	intensely altered brownish coloured siltst	128154	1.00	0.001	0.03
162.50	163.50	mylonitic and brecciated predominantly	128155	1.00	0.001	0.01
163.50	164.60	pyrite including late stage pyritization	128156	1.10	0.012	0.39
164.60	165.60	<5% pyrrhotite	128157	1.00	0.001	0.02
165.60	166.60		128158	1.00	0.003	0.12
166.60	167.64	dk gry, altered siltst increase in	128159	1.04	0.038	1.31
167.64	168.64	albite veinlets and blebs. fine	128160	1.00	0.060	2.05
168.64	169.64	dissem. Py + Po >10%	128161	1.00	0.055	1.89
169.64	170.69	stringers late stage Pyrite	128162	1.05	0.036	1.24
170.69	171.69	Py+Po 5-10%	128163	1.00	0.014	0.49
171.69	172.69	weakly mineralized w/qtz albite stringers	128164	1.00	0.001	0.04
172.69	181.36	680 SILTSTONE dk gry, thin bedding ,bedding varies. between 173-174 bedding is 55 deg to CA at 175.5 bedding is parallel to CA and tends to get chaotic w/soft sediment slumping features. some narrow qtz bands with occasional fine stringers of calcite and albite				
		177.36 178.36	128165	1.00	0.013	0.44
		178.36 179.36 weakly mineralized w/narrow qtz bands and stringers of albite and calcite	128166	1.00	0.016	0.56
		179.36 180.36	128167	1.00	0.019	0.65
		180.36 181.36	128168	1.00	0.025	0.86
181.36	184.40	682 CHLORITIC SILTSTONE Thinly bedded with argillite stringers. Bedding is around +5 deg to CA. Occasionally beds are convoluted. Numerous hairline calcite veinlets.				
184.40	184.60	250 BRITTLE FAULT (SILTSTONE) faulting about +5 deg to CA				

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 7

DDH #: 11050-59

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
184.60	190.50	690 TURBIDITE (CHLORITIC) Siltstone tends to grade into more of a turbidite sequence. also shows occasional slumping features. no strong evidence of alteration or mineralization but has occasional calcite/albite stringers and weak chloritic alteration.				
190.50	190.52	250 BRITTLE FAULT faulting @ 65 deg to CA				
190.52	194.67	692 CHLORITIC TURBIDITE Occasional calcite stringers				
194.67	195.00	250 BRITTLE FAULT Faulting @ 70 deg to CA				
195.00	198.12	692 CHLORITIC TURBIDITE Grading towards chloritic siltstone bedding is generally consisting between 40-45 deg to CA				
		END OF HOLE				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 11050N

Diamond Drill Log

DDH #: 11050-60

Northing: 11050.00  
 Easting: 10514.00 ✓  
 Elevation: 878.00 ✓  
 Azimuth: 270  
 Inclination: -34 ✓  
 Grid: MINE  
 Length (m): 216.41 ✓  
 Core size: AQTHINWALL  
 Contractor: BOISVENU  
 Drill type: GOPHER

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-34	0
270	-29	192.1 → 46 >
270	-29	201.2

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 5/96  
 Date completed: JAN 7/96  
 Logged by: DGC

Purpose: TO TEST MINERALIZED VOLCANICS ENCOUNTERED IN HOLE 11050-63 AND ZONE MATERIAL INTERSECTED IN 11050-59

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	12.15	622 SILTY ARGILLITE Broken core 0.00-0.50 dk gry, finely laminated, bedding angles fairly consistent to 8.50 @40-45 deg to core and then begins to increase to 60-65 deg. chloritic alteration, occasional confluted qtz/albite/chlorite veins chloritic in part graphitic slickensides @4.20-4.30 @12.15 in contact w/altered siltstone. angle of contact @40 deg.				
12.15	16.46	682 ALTERED SILTSTONE chloritic alteration, also partly argillaceous. bedding generally 35 deg to CA. hairline qtz/albite along bedding planes. occasional narrow (2mm) qtz bands w/milky, altered albite along the contact walls				
16.46	16.70	250 BRITTLE FAULT badly broken altered silts				
16.70	18.29	682 ALTERED SILTSTONE chloritic, as described above				
18.29	18.54	250 BRITTLE FAULT				
18.54	19.06	682 ALTERED SILTSTONE grading zone material with increase in sulphides @19.30 m				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-60

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
19.06	21.34	511 ZONE MATERIAL silicified siltstone. finely dissem. and stringers of pyrrhotite. qtz/albite breccia from 20.61-21.34 at 21.34 fault contact w/altered andesite.				
		19.06 20.06	128191	1.00	0.008	0.28
		20.06 21.34	128192	1.28	0.003	0.11
21.34	21.39	240 FAULT fault contact, breccia with gouge, 10-25% chloritic gouge. fault at about right angle to CA				
21.39	28.96	422 ALTERED ANDESITE chloritic with fine disseminated blebs of Po <3% also carries narrow sections qtz breccia with Py+Po occasional qtz and albite stringers				
		21.34 22.86	128193	1.52	0.033	1.12
		22.86 24.38	128194	1.52	0.017	0.57
		24.38 25.91	128195	1.53	0.005	0.17
		25.91 26.91	128196	1.00	0.010	0.34
		26.91 27.91	128197	1.00	0.014	0.48
		27.91 28.96	128198	1.05	0.093	3.18
28.96	34.89	422 CHLORITIC ANDESITE occasional narrow qtz stringer, massive, unmineralized altered andesite				
34.89	37.08	684 ALTERED SILTSTONE siliceously altered, fine gr. siltst, mostly disseminated and stringers of Pyrr 3-5% also minor qtz breccia and qtz stringers At 34.89 contact with andesite is 75-80 deg, at 37.08 45 deg				
		34.89 35.95	128199	1.06	0.030	1.02
		35.95 37.08	128200	1.13	0.020	0.70
37.08	39.00	422 ANDESITE massive, chloritic with qtz and albite stringers				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-60

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
39.00	39.30	250 FAULT fault fracture, parallel to CA				
39.30	48.80	420 ANDESITE massive, chloritic, abundant, finely dissemin. altered albite, possible microdiorite				
48.80	51.00	420 ANDESITE massive, f. grain. appears to be partly mylonitic, unmineralized.				
51.00	65.95	422 ANDESITE massive, intensely brecciated, fragments of chloritic andesite in fine, chloritic-siliceous matrix. partly mylonitic from 53.34-58.35 broken core, probable fault fracture				
65.95	81.00	422 ALTERED ANDESITE generally massive, chloritic, occasional qtz vein associated minor sulphides				
		72.00 73.00 qtz bands along a healed fault	128223	1.00	0.007	0.23
		73.00 74.15 Py + Po (arsenopy)<3%	128224	1.15	0.001	0.01
		74.15 75.15 qtz veins Py+Po 5%	128225	1.00	0.021	0.71
		78.72 79.72	128226	1.00	0.002	0.05
		79.72 80.77	128227	1.05	0.001	0.02
81.00	96.50	427 ALTERED ANDESITE aphanitic, mylonitic-unmineralized cherty appearance in part				
96.50	97.00	250 BRITTLE FAULT				
97.00	113.30	427 ALTERED ANDESITE mylonitic, cherty appearance with breccia clasts in aphanitic cherty matrix. @113.00 begins to grade into more coarser or crystalline andesite				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 4

DDH #: 11050-60

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
113.30	118.35	422 ALTERED ANDESITE chloritic alteration from 117.80-118.35 mineralized qtz veining with finely dissem. Py+Po and lesser arsenopy and chalcpy 5-8%				
		116.80 117.80	128228	1.00	0.020	0.70
		117.80 118.87	128229	1.07	0.045	1.55
118.35	127.29	427 MYLONITIC ANDESITE chloritic with hairline qtz and albite stringers. also has breccia clasts in aphanitic cherty/mylonite matrix				
127.29	127.50	247 FAULT SHEAR shearing with chloritic gouge <10% shearing 80 deg to CA				
127.50	133.29	427 MYLONITIC ANDESITE breccia clasts in cherty/mylonite matrix. minor sulphides, dissem. Po+chalcopy <1-2%				
		131.06 132.29	128230	1.23	0.003	0.12
		132.29 133.29	128231	1.00	0.006	0.22
133.29	141.32	422 ANDESITE chloritic has microdioritic texture appearance. foliation 15-20 deg to CA				
		133.29 134.29	128232	1.00	0.001	0.03
		134.29 135.29	128233	1.00	0.001	0.01
		135.29 136.29	128234	1.00	0.001	0.01
141.32	147.90	427 MYLONITIC ANDESITE massive, chloritic unmineralized				
147.90	148.30	250 BRITTLE FAULT fault fractures parallel to CA				
148.30	161.59	427 MYLONITIC ANDESITE				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 5

DDH #: 11050-60

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		massive, aphanitic occasional qtz veinlets with minor pyrrhotite <1% sections has crushed mylonitic fragments healed with chloritic silicified matrix. foliation 25-30 deg to CA				
	153.13	153.96 chloritic andesite w/qtz albite stringers	128235	0.83	0.002	0.08
	153.96	154.96 qtz/albite w/arsenopy 5%	128236	1.00	0.022	0.76
	154.96	155.96 chloritic andesite probably <3%	128237	1.00	0.008	0.28
161.59	173.78	427 MYLONITIC ANDESITE  also mylonitic fragments in siliceous chloritic matrix. andesite appears to be increasing in siliceous alteration w/increase in qtz/albite veins. albite rims along walls of qtz. some sections contain more qtz/albite veins assoc. w/Po 5% and arsenopy (<3%) and occasional blebs of chalcopy (<1%)				
	161.59	162.59 minor qtz/albite veins	123238	1.00	0.024	0.81
	162.59	163.59 qtz veins w/Po and arsenopy 5%	123239	1.00	0.087	2.99
	163.59	164.63 chloritic andesite Po 3-5%	123240	1.04	0.060	2.05
	164.63	165.63 minor dissem. Po+chalcpy <3%	123241	1.00	0.002	0.07
	165.63	166.63 Po+chalcpy <3%	123242	1.00	0.056	1.91
	166.63	167.68 dissem. Po 3-5%	123243	1.05	0.009	0.31
	167.68	168.68 altered andesite	123244	1.00	0.001	0.02
	168.68	169.68	123245	1.00	0.001	0.01
	169.68	170.73 narrow (2mm) qtz w/arsenopy <3%	123246	1.05	0.001	0.02
	170.73	171.73 very finely dissem. Po + chalcpy <5%	123247	1.00	0.005	0.19
	171.73	172.73	123248	1.00	0.007	0.23
	172.73	173.78 very finely dissem. Po 5-8% and chalcpy <2%	123249	1.05	0.008	0.28
173.78	185.70	422 ALTERED ANDESITE  intense chloritic alteration. generally massive with little fracturing. narrow qtz veins tend to be assoc. w/ Po and minor arsenopy. andesite also has finely disseminated pyrrhotite throughout 3-5% and minor blebs of chalcopy <1%. foliation tends to be around 25-30 deg to CA				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 7

DDH #: 11050-60

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		blk. finely laminated w/occasional thin band of siltst. Core is badly fractured. argillite breccia in places and is healed with hairline qtz microveinlets. disseminated sulphides. predominantly pyrrhotite occurs as clots >2 mm size, as fracture fillings and thin bands. Also cherty fragments with small, <1 mm rounded fossil - like chert (possible forams) Po>10% in places with Py<5% argillite grades into argillaceous siltst				
		193.75 194.75 graphitic carbon Py+Po >10%	128269	1.00	0.006	0.22
		194.75 195.75 graphitic arg Po 10-15%	128270	1.00	0.002	0.08
		195.75 196.75 dissem. Py+Po 5-10%	128271	1.00	0.003	0.09
		196.75 198.12	128272	1.37	0.004	0.12
198.12	207.62	680.00 ALTERED SILTSTONE inpart argillaceous, finely laminated. bedding 45-50 deg to CA. At 202 m bedding begins to get very to CA 75-80 deg. occasional rounded siltst clasts. finely disseminated pyrrhotite throughout the core appears >8% with less pyrite				
		198.12 199.22 Po > 10% + Py <5%	128273	1.10	0.010	0.36
		199.22 200.22	128274	1.00	0.008	0.26
		200.22 201.22 dissem. Po >8%	128275	1.00	0.008	0.27
		201.22 202.69	128276	1.47	0.004	0.15
		202.69 203.69 dissem. fine Po 10%	128277	1.00	0.001	0.05
		203.69 204.69 finely silst bedding @55 deg to CA	128278	1.00	0.001	0.03
		204.69 205.74 finely dissem Po >10% bedding low	128279	1.05	0.001	0.03
		205.74 206.74 angle to CA 10-15 deg	128280	1.00	0.001	0.01
		206.74 207.62	128281	0.88	0.001	0.02
207.62	213.20	620 ALTERED SILTY ARGILLITE dk gry-blk, finely laminated. bedding angle varies from about 45 to 15 deg. fine disseminated pyrrhotite throughout				
		207.62 208.79	128282	1.17	0.001	0.02
		208.79 209.79	128283	1.00	0.001	0.03
		209.79 210.79	128284	1.00	0.001	0.03
		210.79 211.84	128285	1.05	0.001	0.01
		211.84 213.20	128286	1.36	0.005	0.17



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 8

DDH #: 11050-60

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
213.20	216.41	670 ALTERED BOULDER CONGLOMERATE chloritic andesitic cobbles and pebbles minor Py+Po <3%				
	213.20		128287	1.16	0.069	2.38
	214.36		128288	1.00	0.021	0.72
	215.36		128289	1.05	0.010	0.35

END OF HOLE @216.41 METRES



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 2

DDH #: 11050-63

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
22.30	23.66	514 WEAK ZONE MATERIAL Qtz breccia silicified weakly mineralized ZM				
		22.30 23.66	26704	1.36	0.012	0.42
23.66	24.31	632 CHLORITIC WACKE 24.00-24.30 chloritic slickenside & fractures 5-10 to CA				
		23.66 24.31	26705	0.65	0.014	0.47
24.31	34.53	521 ZONE MATERIAL (Altered Silts & Frag Wacke) Highly silicified numerous qtz stringers; qtz breccia & siliceous silts. fragments. numerous Albite stringers. Disseminated & stringers of Py & Pyrr minor Cu & lesser Arsenopy				
		24.31 25.31 qtz breccia & siliceous	26706	1.00	0.029	1.00
		25.31 26.30 silts Py & Pyrr (Cu)2-5%	26707	0.99	0.279	9.61
		26.30 27.43 qtz breccia, qtz, Albite	26708	1.13	0.099	3.41
		27.43 28.43 stringers & albite blebs	26709	1.00	0.010	0.33
		28.43 29.43 Py & Pyrr (Cu & minor Arsenopy)	26710	1.00	0.072	2.50
		29.43 30.48 siliceous silts/f.g. wacke	26711	1.05	0.086	2.96
		30.48 31.48 abundant fine disseminated	26712	1.00	0.010	0.34
		31.48 32.48 Py, Pyrr, Cu, Arsenopy, 4-10%	26713	1.00	0.048	1.67
		32.48 33.53 Qtz/Albite breccia	26714	1.05	0.065	2.23
		33.53 34.53 Py, Pyrr & Cu	26715	1.00	0.006	0.20
34.53	41.15	620 SILTY ARGILLITE @35.55 bedding 68 to CA @39.62 bedding 75 to CA @42.67 bedding 65 to CA 34.75-35.17 fault, graphitic slickensides 70 to CA 39.22-39.62 slickensides-graphitic 75 to CA 41.05-41.25 fault, qtz/graphitic slickensides 75-78 to CA 41.55-41.85 fault, brittle				
41.15	44.20	684 SILTSTONE				
		42.20 43.20 silts minor silica	26716	1.00	0.006	0.21
		43.20 44.20 qtz breccia minor sulphides Py & Pyrr @44.20 contact with volcanics	26717	1.00	0.020	0.68

@44.20 contact with volcanics

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 3

DDH #: 11050-63

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		44.20 45.20 turbaceous andesite	26718	1.00	0.007	0.24
44.20	52.20	420 ANDESITE Turbaceous abundant andesitic well rounded clasts(pebble sandstone Andesite) minor qtz & calcite stringers & Albite  47.28-47.64 shear-slickensides & qtz/albite veinlets				
52.20	54.58	422 ANDESITE, CHLORITIC Brownish green-massive, fgr textured 52.84-53.24 fault, qtz/chlorite shear 85 to CA 54.30-54.58 fault/shear siliceous				
54.58	60.40	470 BASALT-AMYGDALOIDAL 58.80-59.00 fault slip-chloritic				
60.40	79.97	422 ANDESITE: CHLORITIC Massive, dk green, mylonitic sections occasional stringers of albite qtz & calcite  67.48-68.58 agglomeratic clasts 62.18-62.28 fault slip-chloritic qtz slickensides 68.12-68.22 fault slip-chlorite slickensides 76.20-77.72 agglomeratic clasts				
79.97	81.22	424 SILICEOUS ZONE: QTZ BRECCIA Altered andesite clasts w/fine disseminated Py, Pyrr & Arsenopy 3-5% Py, 2-3% Pyrr	26719	1.25	0.041	1.40
81.22	89.31	422 ANDESITE: CHLORITIC Massive green 82.88 83.09 fault, brittle, chloritic				
89.31	93.36	452 DIORITE Chloritic, fgr, minor qtz albite stringers				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 4

DDH #: 11050-63

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
93.36	98.26	422 CHLORITIC ANDESITE Foliation 60-65 to CA 94.50-95.50 partly agglomeratic w/possible pillow runs 97.04-97.29 fault shear. chloritic slickensides				
	96.26	97.26	26840	1.00	0.001	0.01
	97.26	98.26	26841	1.00	0.009	0.30
98.26	101.56	424 SILICEOUS ANDESITE 98.56-99.39 silicified qtz & qtz breccia, finely disseminated Py, Pyrr & minor euhedral crystals of arsenopyrite.				
	98.26	99.26	26720	1.00	0.064	2.20
	99.26	100.26	26721	1.00	0.146	5.05
	100.26	101.26	26722	1.00	0.042	1.45
	101.26	102.26	26723	1.00	0.222	7.65
	102.26	103.26	26724	1.00	0.146	5.04
		99.78-99.98 fault, brittle parallel to CA 101.11-101.36 fault, brittle parallel to CA				
101.56	104.38	422 CHLORITIC ANDESITE 103.65-104.38 brecciated quartz + carbonate + chlorite				
	103.26	104.00	26842	0.74	0.018	0.62
104.38	118.28	531 ZONE MATERIAL Large quartz vein with chlorite. Arsenopyrite disseminated along the sequence <1%, Pyrr + Pyr. minor but locally >10% combined Pyrr + Pyr. in altered chloritic greywacke 108.20-117.35 altered brecciated greywacke deformed plastic flow imbricated in volcanics.				
	104.00	105.00 brecciated Andesite	26725	1.00	0.232	8.00
	105.00	106.00 quartz breccia vein chl.	26726	1.00	0.016	0.54
	106.00	107.00 quartz breccia vein & chlorite	26727	1.00	0.002	0.08
	107.00	108.00 breccia arseno, pyrr, chl	26728	1.00	0.086	2.98
	108.00	109.00 breccia mineralized greywacke	26729	1.00	0.124	4.29
	109.00	110.00 breccia quartz, arseno in greywacke	26730	1.00	0.049	1.71
	110.00	111.00 mineralized greywacke brecciated <3% pyrr <1 pyr	26731	1.00	0.038	1.32

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 5

DDH #: 11050-63

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
	111.00	112.00 brecc. chloritic low sulphides	26732	1.00	0.093	3.22
	112.00	113.00 brecc. foliated chloritic >3% pyrite pyrr	26733	1.00	0.077	2.66
	113.00	114.00 foliated/sheared chloritic low sulphide	26734	1.00	0.021	0.72
	114.00	115.00 foliated/sheared breccia >10% pyrr. pyr	26735	1.00	0.237	8.16
	115.00	116.00 foliated faulted breccia pyrite course	26736	1.00	0.074	2.54
	116.00	117.00 brecciated mineralized foliated >10% pyrr pyr. Andesite	26737	1.00	0.244	8.36
	117.00	118.00 brecc foliated Andesite >10% pyrr + pyr	26738	1.00	0.153	5.24
		114.38 foliation 60 to CA				
		115.87 fault quartz chlorite breccia				
		118.4 foliation 60 to CA				
118.28	123.00	422 CHLORITIC ANDESITE Foliated weak qz + carb alteration 120.40 foliation 30 degrees to CA				
		118.00 119.00	26739	1.00	0.043	1.48
123.00	123.10	252 FAULT BRITTLE CHLORITIC				
123.10	129.10	422 CHLORITIC ANDESITE 126.49 shear zone subparallel to CA				
129.10	129.70	262 FAULT Slickenside chlorite fault plane 30 degrees to CA				
129.70	132.47	422 ANDESITE Chloritic foliated				
132.47	132.47	262 FAULT Slickensides chlorite 30 degrees to CA				
132.47	132.80	422 ANDESITE Chloritic foliated 30 deg to CA				
132.80	132.20	262 FAULT slickensides chloritic 30 deg to CA				
132.20	142.95	422 CHLORITIC ANDESITE				
142.95	148.26	430 CRYSTAL TUFF				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 6

DDH #: 11050-63

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		0.5 cm plag in a chloritic matrix, contact with andesite 45 deg to CA =40% plag crystals less abundant at the end of the new sequence (less 5%)				
148.26	150.56	422 CHLORITIC ANDESITE 148.80 fault slickensides 50 deg to CA 150.48 fault slickensides 30 deg to CA 155.72 fault slickenside breccia-vein quartz+carb+chlorite 90 deg to CA 157.87 fault slickensides breccia vein qtz + carb+chl 90 deg to CA				
150.56	175.65	571 ZONE MATERIAL In brecciated quartz+chlorite + carbonate andesite. arsenopyrite euhedral in qtz, chlorite abundant along the sequence. pyrr+pyr disseminated in altered andesite visible gold in quartz vein (170.50-171.50)				
		159.50 160.50 brecc. andesite arseno + pyrr + pyr <3%	26740	1.00	0.038	1.31
		160.50 161.50 altered andesite low sulphides	26741	1.00	0.004	0.15
		161.50 162.50 altered brownish andesite	26742	1.00	0.006	0.22
		162.50 163.50 altered brownish andesite	26743	1.00	0.001	0.05
		163.50 164.50 chloritic andesite breccia	26744	1.00	0.006	0.21
		164.50 165.50 chloritic andesite breccia	26745	1.00	0.047	1.63
		165.50 166.50 qtz+chl breccia arseno + pyrr+pyr >10%	26746	1.00	0.224	7.68
		166.50 167.50 qtz+chl breccia arseno + pyrr+pyr	26747	1.00	0.217	7.44
		167.50 168.50 brecc. andesite chloritic	26748	1.00	0.233	7.98
		168.50 169.50 br. and. chl.	26749	1.00	0.439	15.05
		169.50 170.50 qz+chl. vein brecc. arseno + po + py 3-10%	26750	1.00	0.297	10.20
		170.50 171.50 qz+chl. vein breccia w/ V.G. in 3 diff places	26774	1.00	0.451	15.46
		171.50 172.50 qz+ chl. vein breccia, arseno	26775	1.00	0.363	12.45
		172.50 173.50 qz+ chl. vein breccia, arseno	26776	1.00	0.490	16.82
		173.50 174.50 qz+ chl. vein breccia, arseno	26777	1.00	0.279	9.57
		174.50 175.50 silicified breccia angular fragmented Asp +Po	26778	1.00	0.072	2.48
175.65	178.31	422 GREEN CONGLOMERATE VOLCANICS Chloritic brecciated, clast support mineralized near contact >10% po-py + arseno. globular shape of volcanics clast + well rounded pebble chert diameter 1 cm mixed aphanitic green matrix black angular clasts =1cm				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11050N

Page: 7

DDH #: 11050-63

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
		mineralization very weak past 177.50				
	175.50	176.50 mineralized 3-10% po + arseno + py cong + volcanics breccia	26779	1.00	0.011	0.38
	176.50	177.50 mineralized cong. volc. brecciated >10% po-py + arseno locally	26780	1.00	0.008	0.29
	177.50	178.50 chloritic cong. volc. weak mineralization	26781	1.00	0.006	0.22
	176.78	176.82 fault brittle				
178.31	187.27	422 GREEN CONGLOMERATE VOLCANICS Clast supported, chloritic, carbonate in fracture elongated fragment = 40 deg to CA				
187.27	192.02	682 SILTSTONE Green-grey thin bedded chloritic siltstone soft sediment structure, disrupted, bedding variable 20 deg-5 deg to CA				
192.02	196.60	620 SILTY ARGILLITE Dark green thin bedded, bedding 40 deg to CA pyrrhotite on bedding plane <1%				
		EOH 196.60				





# ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

**SECTION** 11100N

**Diamond Drill Log**

**DDH #:** 11100-61

Northing: 11096  
 Easting: 10516 ✓  
 Elevation: 878.5 ✓  
 Azimuth: 270  
 Inclination: -43 ✓  
 Grid: MINE  
 Length (m): 222.5  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: ELECTRIC BOYLES

Drill Hole Survey  
 Method: DEGREE RULE

Azimuth	Dip	Depth
270	-43	0
270	-44	111.3
270	-47	222.4

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: IDAHO  
 Date started: JAN 8/96  
 Date completed: JAN 10/96  
 Logged by: JFP

**Purpose:** TO INVESTIGATE ZONE EXTENTION ON 11100 N SECTION.

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)	
0.00	0.61	910 CASING					
0.61	2.00	689 BRECCIATED SILTSTONE light grey-brownish, disrupted bedding, folded, slightly mineralized <3% pyrrhotite, < 1% pyrite, arsenopyrite in traces, quartz and carbonate vein 45 deg. to C.A., late stage pyrite veinlets.  1.40 FAULT SLICKENSIDE graphitic, associate with large quartz, vein 93.5cm), 50 deg. to C.A.					
	0.61	1.00	< 3% Po, < 1% Py in siltstone	128290	0.39	0.019	0.64
	1.00	2.00	low sulfides, large Az vein	128291	1.00	0.007	0.23
2.00	7.40	680 CONGLOMERATIC SILTSTONE Brown-grey coloured lithic volc & chert clasts floating in a silty matrix clasts up to 5cm. low in sulphides <3% pyrrhotite, <1% pyrite chalcopyrite in traces					
	2.00	3.00	conglomeratic siltstone 3% Po & Py	128292	1.00	0.013	0.46
	3.00	4.00	3% Po, 1% Py disseminated	128293	1.00	0.003	0.09
	4.00	5.00	3% Po, 1% Py dissiminated	128294	1.00	0.002	0.06
	5.00	6.00	low sulphides	128295	1.00	0.012	0.42
	6.00	7.00	large quartz vein 1% Py.	128296	1.00	0.013	0.46

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-61

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
7.40	10.65	689 BRECCIATED SILTSTONE light to dark grey breccia quartz & carbonate with sulphides Pyrrhotite & Pyrite locally < 10% combined				
	7.00	8.00 quartz vein & breccia Po & Py	128297	1.00	0.009	0.30
	8.00	9.00 < 3% Po, <1% Py disseminated in siltstone	128298	1.00	0.016	0.56
	9.00	10.00 disseminated, low sulphides	128299	1.00	0.025	0.85
10.65	10.67	226 FAULT 25-50% GOUGE GRAPHITIC				
10.67	24.19	680 SILTSTONE Grey to dark grey locally brecciated, poorly bedded disrupted, folded zone quartz & carbon vein parallel to foliation + 65 deg. to 70 deg. to C.A. no grading observed				
	10.00	11.00 fault zone graphitic low sulfides	128300	1.00	0.001	0.02
	11.00	12.00 disseminated sulphide >3% Po >1% Py & Chalco	128301	1.00	0.010	0.33
	12.00	13.00 disseminated sulphide	128302	1.00	0.004	0.12
	13.00	14.00 low disseminated sulphides	128303	1.00	0.003	0.11
	14.00	15.00 Po & Py <1% in siltstone	128304	1.00	0.013	0.44
	15.00	16.00 Chalcopyrite traces	128305	1.00	0.009	0.30
	16.00	17.00 3% Po-Py in sheared & folded siltstone	128306	1.00	0.001	0.02
	17.00	18.00 weak breccia	128307	1.00	0.002	0.07
	18.00	19.00 folded siltstone, quartz vein Po & Py	128308	1.00	0.007	0.23
	19.00	20.00 weak breccia low sulfides	128309	1.00	0.006	0.21
	20.00	21.00 siltstone, < 3% Po, < 1% Py	128310	1.00	0.001	0.01
	21.00	22.00 brecciated siltstone, silicified	128311	1.00	0.001	0.04
	22.00	23.00 brecciated siltstone, low sulphides	128312	1.00	0.005	0.17
	23.00	24.20 brecciated siltstone, low sulphides	128313	1.20	0.001	0.04
24.19	24.20	239 FAULT 20% Gouge brecciated 60 deg. to C.A.. contact with volcanic l				
24.20	34.50	422 CHLORITIC ANDESITE pale green to dark green, aphanitic, quartz & albite veins, homogeneous, locally sheared 45 deg. to C.A.				
	24.20	26.00 contact zone	128314	1.80	0.001	0.01

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 3

DDH #: 11100-61

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
34.50	34.55	427 MYLONITIC ANDESITE grey green, sheared, foliated with "quartz-eye" in foliated albite & chlorite & carbonate matrix, 45 deg. to C.A.				
34.55	60.50	422 CHLORITIC ANDESITE pale green Albite & chlorite - quartz vein & carbonate				
	60.00	60.50 alteration zone	128315	0.50	0.005	0.18
60.50	61.00	232 FAULT 10 - 25 % gouge in quartz - Albite - chlorite vein 5 deg. to C.A.				
	60.50	61.00 quartz vein & fault	128316	0.50	0.106	3.62
61.00	71.10	452 CHLORITIC DIORITE dark green, albitization, weak foliation, and 45 deg. to C.A., numerous quartz and albite veins				
71.10	99.34	452 MICRODIORITE light green, fine grained, Albitization & Chloritization, locally brecciated & foliated  93.30 Foliation 11 tdeg to C.A.				
99.34	99.54	459 BRECCIATED MICRO DIORITE light greenish grey, Quartz & Carbonate & Chlorite Albite less abundant.				
99.54	99.60	239 FAULT 10% - 25% gouge is brecciated zone				
99.60	100.28	459 Brecciated Diorite				
100.28	125.77	422 ALTERED ANDESITE Chloritic, altered andesite, generally massive, dark green, albitization, occasional gt/chlorite stringers				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 4

DDH #: 11100-61

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
125.77	126.22	412 ALTERED DIORITE med-course grain. chloritic diorite, at 125.77 contact with andesite is @ 45 deg. to C.A. and 126.62 contact is @ 65-60 deg. to C.A.				
126.62	143.00	412 ALTERED ANDESITE aphanitic, chloritic, massive, appears to be pillowed andesite showing chilled margins indicated by dark rims & subrounded pyroclastic flows assoc. with the margins.				
		131.72 132.62 qtz/albite, Py & Po < 3%	128408	0.90	0.015	0.52
143.00	143.17	272 FAULT shear zone approx. 30 deg. to C.A. with silicited chlorite				
143.17	170.64	412 ALTERED ANDESITE -massive, aphanitic siliceous & chloritic has cherty appearance, shows probable chilled margins indicative pillow structures and agglomeratic flow features. -Between 147.43 - 150.05 - intense foliation and irregular qtz/calcite viewing, foliation 11 to C.A. 148.45 - 145.85 - massive calcite vein, probable healed fault - with sulphides.				
170.64	176.00	412 ALTERED ANDESITE massive, aphanitic, chloritic, cherty appearance, appears to be increasing in alteration - siliceous alternation.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 5

DDH #: 11100-61

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
176.00	183.00	422 ALTERED ANDESITE dark green, chloritic silicification with narrow (< 2mm) qtz/albite veinlets. disseminated & irregular seams of pyrrhotite & pyrite.				
	175.78	176.68	128429	0.90	0.002	0.08
	176.68	177.83	128430	1.15	0.142	4.87
	177.83	178.83	128431	1.00	0.009	0.32
	178.83	179.83	128432	1.00	0.003	0.11
	179.83	180.83	128433	1.00	0.004	0.14
	180.83	181.83	128434	1.00	0.008	0.26
	181.83	182.83	128435	1.00	0.004	0.14
	182.83	183.83	128436	1.00	0.009	0.30
183.00	186.30	422 ALTERED ANDESITE intense silicification & brecciation abundant finely disseminated sulphides				
	183.83	184.83	128437	1.00	0.031	1.06
	184.83	185.93	128438	1.10	0.052	1.78
	185.93	186.93	128439	1.00	0.046	1.57
186.30	192.02	511 ZONE MATERIAL pervasive silicification & qtz stringers, less albite alteration, has the appearance of intense brecciation & healed by silica, abundant fine disseminated sulphides & thresegoust?? at 187.50 - 188.00 qtz vein with mineralized breccia fragments & free visible gold.				
	186.93	187.93 V.G. in qtz vein	128440	1.00	0.630	21.61
	187.93	188.98 V.G. assoc Asp	128441	1.05	× 0.183	6.28 = 6.5
	188.98	190.00	128442	1.02	0.095	3.26 = 3.5
	190.00	191.00	128443	1.00	0.034	1.18
	191.00	192.00	128444	1.00	0.015	0.52
192.02	196.20	660 CONGLOMERATE chloritic, cherty pebble & cobbles, siliceous/cherty/chloritic matrix, pebbles & cobbles are rimmed with pyrrhotite				
	192.00	193.00	128445	1.00	0.004	0.12
	193.00	194.00	128446	1.00	0.004	0.15
	194.00	195.00	128447	1.00	0.004	0.15
	195.00	196.20	128448	1.20	0.004	0.15

$\frac{31.53}{3.07} = 10.27g$

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 6

DDH #: 11100-61

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
196.20	222.50	662 SILTSTONE chloritic, finely laminated with thin silty argillite & siltstone interbeds, bedding generally consistent between 40 - 45 deg. to C.A., evidence of soft sediment scouring @ 203.72 & @ section between 207.26 - 216.41, indicates inverted beds, section between 216.41 - 219.46 indicates soft sediment slumping with angular chloritic siltstone rip clasts.				
	196.20		128449	1.00	0.001	0.03
	197.20		128450	0.92	0.001	0.01
	198.12		128451	1.00	0.001	0.03
	199.12		128452	1.00	0.001	0.01

END OF HOLE @ 222.50 metres.
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**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11100N

**Diamond Drill Log**

**DDH #:** 11100-62

Northing: 11096  
 Easting: 10516 ✓  
 Elevation: 878.5 ✓  
 Azimuth: 270  
 Inclination: -52 ✓  
 Grid: MINE  
 Length (m): 217.93  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey

Method: \_\_\_\_\_

Azimuth	Dip	Depth
270	-52	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: McMASTER  
 Date started: JAN 10/96  
 Date completed: JAN 11/96  
 Logged by: D.G.C.

**Purpose:** TO TEST FOR ZONE MATERIAL ENCOUNTERED IN 11,100-61 AT THE VOLCANIC SEDIMENT CONTACT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.22	910 CASING				
1.22	12.89	626 SILTY ARGILLITE - finely laminated argillaceous beds - bedding 20-25 deg. to C.A., beds are disrupted by small hairline-micro faults healed by qtz. - some beds display small scouring features - graphitic cleavage 11 to bedding				
		9.50 10.66 silty argillite with weak alteration Py + Py < 3%	88051	1.16	0.048	1.63
12.89	13.29	226 FAULT - 25-50% gouge, chlorite-graphite gouge - fault dips 45 deg. to CA				
13.29	21.79	620 SILTY ARGILLITE - fine laminated argillaceous beds, bedding 70-75 deg. to CA, occasional siltstone scouring - some beds are parallel to CA and appear to be the result of soft sediment slumping				
21.79	22.59	250 BRITTLE FAULT fault-fracture parallel to CA, silty argillite				
22.59	27.83	610 SILTY ARGILLITE fine argillaceous beds, bedding 40-45 deg.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-62

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
27.83	29.00	684 ALTERED SILTSTONE weakly silicified & mineralized, Py + Po < 3%				
		27.83 29.00	88052	1.17	0.001	0.02
29.00	33.67	453 DIORITE - chloritic, massive, fine to medium grained, fine grain texture at contact walls of the siltstone. - contact at +5 deg. with siltstone - minor qtz and albite stringers, occasional Py + Po < 3%				
33.67	35.59	622 SILTY ARGILLITE - fine laminated argillaceous beds with small irregular qtz veinlets, chloritic				
35.59	39.15	682 SILTSTONE - chloritic, partly sheared with breccia fragments - narrow stringers of qtz.				
39.15	39.30	272 FAULT-SHEARING - sheared chloitic siltstone shears occur about 45 deg. to C.A.				
		37.00 38.00 chloitic siltstone	88055	1.00	0.007	0.24
		38.00 39.30 Po 2-3%, minor blebs of chalco	88056	1.30	0.025	0.87
39.30	40.67	514 ZONE MATERIAL (WEAK ZONE MATERIAL) - abundant fine qtz stringers with albite, silicified silty argillite, Py + Po 3-5%				
		39.30 40.67	88057	1.37	0.054	1.84
40.67	49.77	642 CHLORITIC WACKE - massive relatively fine grained with fine lithic fragments, also has occasional narrow argillaceous beds with narrow qtz stringers, - minor Pyrrhotite < 3%				
		40.67 41.57	88058	0.90	0.017	0.58
49.77	62.50	682 SILTSTONE - chloritic, finely laminated beds - between 50.00-55.00 bedding is 25-30 deg. to C.A. - occassional unmineralized qtz vein & minor chloritic siltstone clasts				



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 3

DDH #: 11100-62

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
62.50	63.60	524 ZONE MATERIAL (WEAK TO MODERATE) - pervasive silification in siltstone - finely disseminated Py + Po 5-8% and Arsenopy < 2%				
62.50	63.60	Py + Po 5-8% minor Arsenopy	88059	1.10	0.121	4.16
63.60	64.60	chloritic/silicified siltstone	88060	1.00	0.023	0.79
63.60	78.80	682 SILTSTONE - chloritic, interbedded with silty argillite - bedding between 65.00 is 45 deg. to CA and gradually decreases to about 25 deg at 69.00 metres - between 69.00-69.50 angle of bedding changes abruptly to 10-15 deg. to CA and displays load casts and slumping features. - between 72.00-78.00 metres, bedding is 60-70 deg. to CA, several albite/qtz stringers unmineralized				
78.80	79.25	250 FAULT - brittle, intensely broken siltstone - fault contact with diorite				
79.25	85.34	452 DIORITE - chlorite, fine to medium grain diorite Py < 1%				
85.34	85.64	272 FAULT - in fault contact with chloritic sheared andesite				
85.64	89.00	422 ALTERED ANDESITE - sheared and breccia/foliated and chloritic, foliation 40- 45 deg. to CA. brecciated andesite fragments in siliceous dark green, chloritic maxtrix - disseminated Po 3-5% with blebs of chalcopy < 1%				
85.64	86.64	dissem. Po 5% + chalcopy < 1%	88061	1.00	0.002	0.07
86.64	87.64		88062	1.00	0.006	0.20
87.64	88.64		88063	1.00	0.001	0.04
88.64	89.45		88064	0.81	0.001	0.01
89.00	120.00	422 ALTERED ANDESITE - chloritic in part has microdioritic texture - basically homogenous, occasional albite-qtz stringers, Pyrrhotite is generally < 1% disseminated and small scams				

scams

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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 4

DDH #: 11100-62

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
120.00	132.59	422 ALTERED ANDESITE - aphanitic, cherty in appearance & chloritic - dark green, probably representing chill margins of pillow volcanics associated with subrounds/agglomeratic pyroclastic and flow textures				
132.59	152.80	422 ALTERED ANDESITE - massive, chloritic, relatively homogenous - fine grains to aphanitic, minor disseminated Pyrrhotite (< 1%) - between 140.93-142.63 partly silicified with an increase in Pyrrhotite				
		140.93 142.63	88065	1.70	0.024	0.82
152.80	160.34	422 ALTERED ANDESITE - passive, chloritic, coarser grained has a microdioritic texture, fairly homogenous, minor disseminated Pyrrhotite < 1% - at 160.34 in fault-slip contact with silty argillite				
160.34	173.04	623 SILTY ARGILLITE - finely laminated argillaceous beds, bedding consistently low angle 5 - 10 deg. to CA - between 101.54-163.00 cleavage parallel to bedding plane at andesite/argillite - contact at 160.34-161.34 argillite is well silicified with minor pyrite & pyrrhotite				
		159.34 160.34 chloritic andesite Po < 2%	88066	1.00	0.003	0.09
		160.34 161.34 silicified Py + Po 3-5%	88067	1.00	0.003	0.10
		170.80 172.00 silty argillite minor (< 2%)	88068	1.20	0.017	0.60
		172.00 173.04 Py & Po	88069	1.04	0.011	0.37
173.04	183.00	551 ZONE MATERIAL - altered siltstone increasing silification and mineralization from 173.04 to 174.00 - laminations 70 deg. to CA - at 174.00 start of good zone material with strong increase in silification and disseminated sulphides				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 5

DDH #: 11100-62

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
ZONE MATERIAL (cont'd)						
173.04	174.00	altered siltstone, weak sulphides	88070	0.96	0.009	0.31
174.00	175.00	qtz breccia, Py + Po 3-5%	88071	1.00	0.008	0.28
175.00	176.00	silification, Py + Po 5-8%	88072	1.00	0.013	0.46
		Arsenopy < 1%				
176.00	177.00	qtz vein & albite, Py + Po > 10%	88073	1.00	0.025	0.87
		Arsenopy 3-5%				
177.00	178.00	qtz/albite, Py + Po Arsenopy	88074	1.00	0.035	1.20
178.00	179.00		88075	1.00	0.005	0.18
179.00	180.00	weaker zone material, Py + Po 3-5%	88076	1.00	0.001	0.04
180.00	181.00	silification & qtz/albite breccia	88077	1.00	0.003	0.10
181.00	182.00	qtz/albite breccia, Py + Po 4-8%	88078	1.00	0.003	0.11
		Arsenopy < 2%				
182.00	183.00	qtz/albite breccia & siliceous siltstone Py + Po 3-5 %	88079	1.00	0.012	0.42
183.00	187.23	684 SILTSTONE				
183.00	184.00	siltstone, bedding 5-10 deg. to CA weak sulphides, partly siliceous	88080	1.00	0.001	0.01
184.00	185.00	altered siltstone, low in sulphides, < 2%	88081	1.00	0.001	0.01
185.00	186.00		88082	1.00	0.004	0.14
187.23	190.80	620 SILTY ARGILLITE - finely laminated, bedding 20 deg. to CA - minor narrow qtz stringers				
190.80	200.00	682 SILTSTONE - bedding 35-40 deg. to CA, occasionally has chloritic siltstone/turbidite clast - narrow qtz veinlets tend to parallel the bedding - increase in turbidite beds				
200.00	217.93	692 TURBIDITE - chloritic, bedding at 204 meters 35-40 deg. to CA and gradually increase to 75 deg. at 211 meters - fine qtz stringers, basically no mineralization, minor pyrrhotite < 1%				

END OF HOLE @ 217.93 meters



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

SECTION 11100 N

**Diamond Drill Log**

DDH #: 11100-64

Northing: 11096  
 Easting: 10518  
 Elevation: 878.5  
 Azimuth: 90  
 Inclination: -90  
 Grid: MINE  
 Length (m): 103.63  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	-90	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 11/96  
 Date completed: JAN 12/96  
 Logged by: DGC

Purpose: TO INVESTIGATE AREA ABOVE VOLCANIC CONTACT

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	0.66	910 CASING (NO CORE)				
0.66	6.00	693 ALTERED TURBIDITE abundant calcite-quartz stringers 20 deg. to C.A., well bedded, convolutions 10 deg. to C.A. at 2.20 but generally bedding 30-40 deg down to 5.00 where it abruptly changes to 90 deg. to core axis.				
	5.00	6.00 sandy turb., trans sulfides broken core at contact, MAJOR FAULT	128318	1.00	0.010	0.34
6.00	6.20	254 MAJOR FAULT marked by white quartz vein & broken core				
6.20	7.78	673 ALTERED BOULDER CONGLOMERATE caught up in Fault Zone, very altered, abundant carbonate veinlets slickensides at 45 deg. to C.A. subparallel to crude bedding.				
	6.00	7.00 trace sulphides	128319	1.00	0.005	0.16
	7.00	7.78 trace sulphides	128320	0.78	0.003	0.11
		faulted lower contact, veining at 70 deg. to C.A.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100 N

Page: 2

DDH #: 11100-64

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
7.78	12.50	693 ALTERED TURBIDITE 7.78 - 10.05 lithicwacke bed, matrix supported pebbles, in crystalline graywacke 10.05 - 12.50 thin bedded turbidite, bedding at 10.05 is 80 deg. to C.A., quartz reining becoming more common.				
	7.78	9.00 Calcium Carbonate alteration	128321	1.22	0.029	0.98
	9.00	10.50 trace sulphides	128322	1.50	0.011	0.39
	10.50	11.50 sparse Po	128323	1.00	0.010	0.35
	11.50	12.50 more Po	128324	1.00	0.027	0.94
		lower contact is gradational over about 2 to 3 meters, very slight increase in pyrrhotite content.				
12.50	17.50	511 LOW GRADE ZONE MATERIAL  brownish appearance. sparse albite-quartz-carbonate alteration, gradual increase in sulphide content and albite qtz alteration, very chloritic, short sections of qtz breccia at 15.35 - 15.42.				
	12.50	13.50 tr. diss Po	128325	1.00	0.004	0.13
	13.50	14.50	128326	1.00	0.002	0.07
	14.50	15.50	128327	1.00	0.001	0.05
	15.50	16.50	128328	1.00	0.002	0.05
	16.50	17.50 Po. trace Aspy *%	128329	1.00	0.001	0.01
		abundant slickensides 10 deg. to C.A. throughout, up to 30 deg. to C.A. chloritic slickensides in places.				
17.50	29.00	541 ZONE MATERIAL  in siltstone, intense albite - quartz - carbonate alteration, zones of pure white quartz in places such as 19.31 - 19.81, very brecciated below 21.00, abundant chlorite on slickensides at 70 deg. to C.A.,				
	17.50	18.50 10 % Po. diss.	128330	1.00	0.005	0.18
	18.50	19.31 10% Po. diss.	128331	0.81	0.006	0.22
	19.31	19.81 bull qtz vein	128332	0.50	0.002	0.08
	19.81	21.00 very brecciated	128333	1.19	0.013	0.43
	21.00	22.00	128334	1.00	0.003	0.11
	22.00	23.00	128335	1.00	0.004	0.15
	23.00	24.00	128336	1.00	0.003	0.09
	24.00	25.00 pyrite more abundant	128337	1.00	0.011	0.38

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100 N

Page: 3

DDH #: 11100-64

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
ZONE MATERIAL (cont'd)						
25.00	26.00		128338	1.00	0.002	0.09
26.00	27.00	extreme bx, SiO <sub>2</sub>	128339	1.00	0.008	0.28
27.00	28.00		128340	1.00	0.011	0.39
28.00	29.00		128341	1.00	0.014	0.48
<p>relict bedding at 28.00 is 0 deg. to core Ax. 3,                      slickensides at 25.40 are at 70 deg. to C.A. (and slightly                      graphitic).</p>						
29.00	33.53	681 VERY ALTERED SILTSTONE abundant sulphides, quartz and albite alteration common, very fractured and silica flooding pervasive.				
	29.00	30.00	128342	1.00	0.008	0.26
	30.00	31.00	128472	1.00	0.004	0.14
	31.00	32.00	128343	1.00	0.002	0.07
	32.00	33.00	128344	1.00	0.009	0.30
	33.00	33.53	128345	0.53	0.056	1.94
<p>bedding well preserved at 20 deg. to CA at bottom of                      interval.</p>						
33.53	35.30	212 FAULT ZONE very brecciated, gouge common, core rubbly, extremely chloritic, sparse sulphides.				
	33.53	34.41 very chloritic	128346	0.88	0.033	1.12
	34.41	35.30 more qtz.	128347	0.89	0.008	0.26
35.30	39.75	611 PYRITIZED ALTERED ARGILLITE intense pyrite > 20% pyrite, fine grained and coarse grained pyrite, some conglomerates sections.				
	35.30	36.00 abundant Py	128473	0.70	0.008	0.27
	36.00	37.00 > 10% Py	128348	1.00	0.005	0.17
	37.00	38.00 > 10% Py	128349	1.00	0.043	1.47
	38.00	39.00 < 10% Py	128350	1.00	0.035	1.22
	39.00	39.75 < 10% Py	128470	0.75	0.025	0.87
<p>highly convoluted bedding, some sulphide layers parallel                      to bedding, lower part of interval more carbonate                      alteration, bedding 20 deg. to C.A., gradational contact                      over 30cm.</p>						

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100 N

Page: 4

DDH #: 11100-64

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
39.75	44.00	662 EXTREMELY ALTERED PEBBLE CONGLOMERATE close packed. some occasional larger pebbles, very altered. lots of carbonate & silica. dark wispy layers common; crudely bedded at 15 deg. to C.A.					
	39.75	41.00	trace Py	128471	1.25	0.014	0.47
	41.00	42.00	trace Py	128474	1.00	0.032	1.10
	42.00	43.00	very sparse Py & Po	128475	1.00	0.002	0.06
	43.00	44.00	trace Py & Po	128476	1.00	0.001	0.03
		gradually becoming less altered.					
44.00	59.95	663 PEBBLE CONGLOMERATE (MARKER UNIT) close packed, greenish colour, minor widely space carbonate veinlets & shears, calcite shear filling 44.95 - 45.25 at 10 deg. to C.A., fractures at 0 deg. to C.A., some pebbles up to 20 mm in diameter, subrounded to subangular elongated, calcite veinlets at 48.50 at 60 deg. to C.A.,  quartz vein pebbles noted, cherty pebbles common, monthly green volcanics, some brown aphanitic clasts.  elongated clast common at 55.80 up to > 8cm long, calcite zone 58.60 - 59.05 white breccia.  quartz-calcite vein 10 cm wide at lower contact.					
59.95	75.34	692 TURBIDITE - light grey in top 1 meter changing gradually to light green, fine turbidite then fine lithicwacke at 61.83 to 63.20. - bedding very disrupted & convoluted 64.50 bedding is 0 deg. to C.A. folded. - graded beds at 66.05, slump structures, at 66.69 dark beds have been slumped - quartz-calcite vein at 69.52-69.70, 5 deg. to C.A. - bedding highly disrupted down to 71.50, the bedding is 5 deg. to C.A. at 72.80. - alteration, primarily carbonate increase below 74.70 down to lower sheared contact at 40 deg. to C.A.					

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100 N

Page: 5

DDH #: 11100-64

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
75.34	102.34	<p>422 ALTERED ANDESITE</p> <ul style="list-style-type: none"> <li>- relatively uniform, speckled appearance, calcite veinlets common throughout</li> <li>- quartz - calcite vein at 78.53 - 78.72 brecciated</li> <li>- sheared 83.30 @ 30 deg. to core axis., carbonate alteration 89.88 - 90.10, primary volcanic brecciation 90.40 - 91.20</li> <li>- uniform chloritic andesite down to about 198.00, below 188.00 chlorite content increases dramatically, quartz-calcite veining at 70 deg. to C.A. at 94.16 - 94.22 and at 1.5 m intervals.</li> </ul>				
	100.00	101.00 abundant chlorite	128477	1.00	0.001	0.01
	101.00	102.34 abundant chlorite	128478	1.34	0.002	0.05
102.34	103.63	<p>690 GREEN TURBIDITE</p> <ul style="list-style-type: none"> <li>- thin bedded turbidite at 5 deg. to C.A. with graded beds below 102.88, quartz-calcite veinlet, 15mm wide, 80 deg. to C.A. at 103.4</li> </ul> <p>END OF HOLE. 103.63 m (340 feet).</p>				





**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11100N

**Diamond Drill Log**

**DDH #:** 11100-65

Northing: 11096  
 Easting: 10520  
 Elevation: 878.5  
 Azimuth: 90  
 Inclination: -53  
 Grid: MINE  
 Length (m): 103.63  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey  
Method: DEGREE RULE

Azimuth	Dip	Depth
90	-53	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 12/96  
 Date completed: JAN 13/96  
 Logged by: DGC

**Purpose:** TO TEST FOR ZONE MATERIAL TO THE EAST FROM 875 EXPLORATION DRIFT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.22	910 CASING				
1.22	1.67	690 TURBIDITE sheared and broken				
1.67	3.00	692 FAULT - BRITTLE badly fractured & broken turbidite				
3.00	5.54	692 TURBIDITE chloritic, irregular qtz vein with chlorite/albite along contact margins with turbidite, bedding 80 - 85 deg. to C.A.				
5.54	5.80	250 FAULT brittle, crashed-shearing 15 - 20 deg. to C.A.				
5.80	21.34	690 TURBIDITE greenish to maroon colored bands, bedding 45 deg. to C.A.				
21.34	21.74	250 FAULT brittle - fault fracture 85 deg. to C.A.				
21.74	31.40	692 TURBIDITE greenish-marooned beds, bedding varies from 55 - 75 deg. to C.A., sections of the turbidite has been brecciated & healed with hairline chloritic siliceous stringers. Occasional siltstone cobble.				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-65

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
31.40	32.70	541 ZONE MATERIAL (weak to moderate) qtz/siltstone, breccia & albite/qtz stringers, finely disseminated & blobs of predominately Pyrrhotite. Po 3 - 5%. Py and Arsenpy < 2%				
		31.40 32.70	88083	1.30	0.023	0.79
32.70	41.15	690 TURBIDITE greenish purplish, bedding varies 70-80 deg. to C.A.				
41.15	43.15	521 ZONE MATERIAL qtz/albite breccia with siliceous mineralized siltstone fragments, predominantly pyrrhotite with less pyrite & minor arsenpy.				
		41.15 42.15 siliceous qtz/breccia Pg + Py 3-5%	88084	1.00	0.007	0.23
		42.15 43.15 Arsenopy < 2%	88085	1.00	0.049	1.68
43.15	44.70	682 CHLORITIC SILTSTONE partly sheared & foliated, foliation approx. 40 deg. to C.A.				
44.70	45.37	692 TURBIDITE chloritic, partly foliated				
45.37	45.77	250 FAULT, BRITTLE badly broken turbidite				
45.77	53.06	690 TURBIDITE purple-brownish bands, bedding 30=10 deg. to C.A.				
53.06	53.46	250 FAULT brittle & broken turbidite				
53.46	54.41	690 TURBIDITE				
54.41	54.61	272 FAULT - SHEAR shearing approx. 10 deg. to C.A., chloritic				
54.61	56.31	690 TURBIDITE turbidite grading to silty argillite, bedding 30 deg. to C.A.				

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 3

DDH #: 11100-65

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
56.31	71.50	620 SILTY ARGILLITE -finely laminated, bedding varies from 10-25 deg. to C.A., in sections the argillaceous laminations are 11 to C.A. and appear contorted. There are numerous small qtz stringers, between 64.75 - 67.83 qtz breccia & qtz stringers. There is both finely disseminated Py & Po and late stage cubic pyrite in fractures.				
	57.90	58.90	88086	1.00	0.081	2.76
	58.90	59.90	88087	1.00	0.012	0.42
	59.90	60.90	88088	1.00	0.018	0.61
	60.90	61.90	88089	1.00	0.032	1.09
	61.90	62.90	88090	1.00	0.032	1.11
	62.90	64.00	88091	1.10	0.008	0.27
	64.00	65.00	88092	1.00	0.017	0.59
	65.00	66.00	88093	1.00	0.058	1.99
	66.00	67.00	88094	1.00	0.039	1.32
	67.00	68.00	88095	1.00	0.027	0.94
	68.00	69.00	88096	1.00	0.025	0.86
	69.00	70.00	88097	1.00	0.046	1.57
	70.00	71.00	88098	1.00	0.032	1.10
	71.00	71.70	88099	0.70	0.009	0.32
71.50	77.72	650 CONGLOMERATIC SILTY ARGILLITE - grey to dark grey - well rounded clast of chert, quartz, - Argillite (1 cm) floating in a grey siltstone matrix. - 71.80 to 76.40 coarse sequence close to a pebble conglomerate, coarse gravelly matrix, some thin "flaws" of silt mixed along the conglomerate - sparse quartz + carbonate stringer 10 to 70 deg. to c.a., bedding variable - unmineralized sequence				
	71.70	73.00 conglomerate	88100	1.30	0.018	0.63
77.72	78.70	236 FAULT 10 - 25% gouge, broken core, graphitic, in black silty argillite, 0 - 5 deg. to C.A.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 4

DDH #: 11100-65

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
78.70	81.40	629 SILTY ARGILLITE - black to dark grey, brecciated quartz & carbonate & albite, stringers, poorly or thin bedded 5 - 10 deg. to C.A., - unmineralized				
81.40	81.42	230 FAULT 10 - 25% gouge, broken core 45 deg. to C.A.				
81.42	97.00	620 SILTY ARGILLITE - grey to pale grey, thin bedded, 82.00: 20 deg. to C.A. - 82.30 to 83.70 faulted, brittle, broken core sequence - 85.34 bedding 30 deg. to C.A. - 91.44 bedding 38 deg. to C.A. - 94.49 disrupted zone, self sediment structure				
97.00	97.50	240 FAULT < 10% gouge, broken core, subparallel to C.A.				
97.50	103.63	620 SILTY ARGILLITE - light grey, poorly bedded, disrupted, sparse quartz & carbonate & chlorite stringer				
END OF HOLE. 103.63 m (340 feet)						



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION 11100N

Diamond Drill Log

DDH #: 11100-66

Northing: 11096  
 Easting: 10520  
 Elevation: 878.5  
 Azimuth: 90  
 Inclination: -23  
 Grid: MINE  
 Length (m): 109.73  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES ELECTRIC

Drill Hole Survey		
Method: <u>DEGREE RULE</u>		
Azimuth	Dip	Depth
90	-23	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 13/96  
 Date completed: JAN 14/96  
 Logged by: JTS

Purpose: TO INVESTIGATE EASTERN ZONE IN THE VICINITY OF THE MINE FAULT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	15.00	<p>692 GREEN TURBIDITE</p> <ul style="list-style-type: none"> <li>-argillaceous component dominates, bedding well preserved, thin bedded bedding at top of interval is 30 deg. to C.A.</li> <li>- some graded beds starting at 6.50</li> <li>- minor chloritic gouge filled fractures at 6.50 - 6.80 @ 0 deg. to core axis.</li> <li>- bedding at 11.80 is 65 deg. to C.A., graded cycles common over 10 to 20 cm.</li> <li>- chlorite abundant on fractures 5 - 10 deg. to C.A.</li> <li>- minor CaCo3 veining &amp; shearing filling 13.90 - 14.22, 0 deg. to C.A.</li> <li>- gradational lower contact</li> </ul>				
15.00	24.00	<p>691 SULPHIDE ALTERATION ZONE</p> <ul style="list-style-type: none"> <li>- pronounced change in color to dark grey, still well bounded, bedding at top of interval is 65 deg. to C.A.</li> <li>- <u>NOT TYPICAL ZONE MATERIAL</u></li> <li>most intense alteration is from 17.00 - 17.65; this looks like typical ZM</li> </ul>				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-66

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
SULPHIDE ALTERATION ZONE (cont'd)						
15.00	16.00		88201	1.00	0.006	0.2
16.00	17.00	most Py. alteration	88202	1.00	0.006	0.2
17.00	18.00		88203	1.00	0.097	3.32
18.00	19.00		88204	1.00	0.059	2.04
19.00	20.00	still sheared	88205	1.00	0.012	0.39
20.00	21.00	trace Py	88206	1.00	0.002	0.06
21.00	22.00	trace Py	88207	1.00	0.006	0.22
22.00	23.00	less sheared	88208	1.00	0.001	0.01
23.00	24.00	gradual colour changing	88209	1.00	0.001	0.03
Lithicwacke 22.36 - 22.85, some minor shearing with CaCo3.						
24.00	27.78	692 GREEN TURBIDITE - argillaceous component dominates in upper part of internal graded cycles from coarse to fine starting below 26.00 - insitu brecciation between 26.98-27.11 volcanic appearance within a coarse cycle				
27.78	31.90	692 LITHICWACKE TURBIDITE - coarse lithic fragments, elongated, part of coarse cycle beds 15 deg. to C.A., abundant chlorite throughout especially on fractures at 5 deg. to C.A. - gouge filled fractures - fault 31.80 - 31.90 very friable.				
31.90	36.12	692 GREEN TURBIDITE - coarse to fine cycles, greywacke common in upper part, argillaceous phases from 33.00 and down - chlorite abundant on fractures 80 deg. to C.A. and 60 deg. to C.A. graded bed common - bedding at 35.20 is 65 - 70 deg. to core axis				
36.12	36.51	252 FAULT -brecciated with quartz & calcite, 5 to 20 deg. to C.A.				
36.51	45.24	692 GREEN TURBIDITE - very chloritic in upper part, greywacke dominates in top section and is uniformly greywacke to lower contact, poorly bedded, chloritic coated fractures 20 deg. to C.A.				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 3

DDH #: 11100-66

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
45.24	55.46	692 GREEN THIN BEDDED TURBIDITE - finely laminated. thin coarse layers. abundant soft sediments features: slumps and stylolite minor offsets, bedding often disturbed. ave 20 deg. to C.A. - colour change at 49.11 with more sandy layers 60 deg. to C.A. - calcite filled shear zone 65 - 70 deg. to C.A. at 50.09 - 50.21, chloritic similar fault zone 53.14 - 53.26 chlorite gouge, laminations very folded and convoluted 54.30 and down.				
55.46	62.50	253 FAULT ZONE- shearing 5 deg to Ca, Fract & Brecc				
	55.46	57.00 Brec	88210	1.54	0.002	0.05
	57.00	58.00 Brec	88211	1.00	0.002	0.08
	58.00	59.50 Veined	88212	1.50	0.009	0.3
	59.50	61.00 Veined	88213	1.50	0.006	0.2
	61.00	62.50 Sheared	88214	1.50	0.008	0.28
62.50	71.91	694 GREY TURBIDITE - thin bedded, well bedded @ 45 deg. to C.A. at 65.00 short silicified zone 63.43 - 63.85.				
	62.50	64.00	88215	1.50	0.028	0.96
	64.00	65.00	88216	1.00	0.009	0.3
		- bleaching below 67.00, slump structures common, very bleached appearance 69.50 - 70.90 spotted texture				
71.91	82.00	692 GREEN TURBIDITE - greywacke at top to 73.40 then fine clastic argillaceous section to 76.44, well laminated at 65 deg. to C.A., lower contact coarse clastic gradational over 30 cm.				
82.00	92.85	684 ARGILLACEOUS SILTSTONE QUARTZ BRECCIA MINERALIZED with abundant pyrite and pyrrhotite, very abundant silica, white quartz veins and breccia zone, pyrite and pyrrhotite mixed				
	82.00	82.85	88217	0.85	0.072	2.49
	82.85	84.00	88218	1.15	0.033	1.14
	84.00	85.00	88219	1.00	0.032	1.1
	85.00	86.00	88220	1.00	0.032	1.1
	86.00	87.00	88221	1.00	0.021	0.73
	87.00	88.00	88222	1.00	0.044	1.53
	88.00	89.00	88223	1.00	0.068	2.34

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 4

DDH #: 11100-66

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
89.00	90.00		88224	1.00	0.028	0.95
90.00	91.00		88225	1.00	0.03	1.02
91.00	92.00		88226	1.00	0.129	4.44
92.00	92.85		88227	0.85	0.012	0.41

- very angular dark fragments well mineralized with Py  
& Po up to 70% in places in white quartz matrix

92.85 96.30

616 SHEARED ARGILLITE

- black, uniform at top, carbonate white abundant  
alteration, graphitic slickensides at 80 deg. to C.A.

92.85	94.00		88228	1.15	0.012	0.41
94.00	95.00		88229	1.00	0.031	1.08
95.00	96.30		88230	1.30	0.029	0.98

- gradational lower contact over 0.5 m.

96.30 109.73

623 SILTY ARGILLITE

- well laminated, bedding at 50 deg. to C.A.

96.30	97.00		88231	0.70	0.001	0.04
97.00	98.00		88232	1.00	0.001	0.01
98.00	99.00		88233	1.00	0.004	0.13
99.00	100.50		88234	1.50	0.006	0.19
100.50	102.00		88235	1.50	0.008	0.29
102.00	103.50		88236	1.50	0.006	0.19
103.50	105.00		88237	1.50	0.002	0.06
105.00	106.50		88238	1.50	0.003	0.1
106.50	108.00		88239	1.50	0.001	0.02

- very little alteration at end of hole

END OF HOLE - 109.73 m  
(360 feet)





ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-67

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
41.00	61.50	680 SILTSTONE - bedding partly distorted, occasional angular argillaceous fragments, much of the beds are disturbed and offset by micro faulting where preserved beds appeared to be about 30-35 deg to CA, grades towards coarser wacke unit.					
61.50	69.00	630 GRAYWACKE - fine to medium grained, quite massive and relatively homogenous - between 54.00-68.38, some weak zone material with partly brecciated qtz & disseminated sulphides.					
	65.00	66.00	graywacke w/dissem., Po < 3%	88145	1.00	0.003	0.1
	66.00	67.00	qtz breccia & qtz veining, Py + Po 5%, minor arsenopy	88146	1.00	0.006	0.22
	67.00	68.38	qtz veinlets, Py + Po < 3%	88147	1.38	0.014	0.48
69.00	80.77	682 CHLORITIC SILTSTONE - finely laminated, beds 45 deg. to CA, occasional scouring indicating inverted beds - minor fault at 77.20 parallel to bedding					
80.77	92.20	610 SILTY ARGILLITE - fine laminated argillaceous beds are predominantly 65 deg. to CA, some thin siltstone interbeds, near bottom of section at 91.00 conglomeratic argillite interbeds.					
92.20	106.68	650 CONGLOMERATIC ARGILLITE  Chloritic siltst pebbles, cobbles & boulders in a argill matrix.					

END OF HOLE @ 106.68 meters.



**ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT**

**SECTION** 11100N

**Diamond Drill Log**

**DDH #:** 11100-68

Northing: 11096  
 Easting: ~~10516~~ 10520 24'  
 Elevation: ~~881~~ 883.8 15'  
 Azimuth: 90  
 Inclination: 68  
 Grid: MINE  
 Length (m): 120.4  
 Core size: BQTK  
 Contractor: CONNORS  
 Drill type: BOYLES-ELECTRIC

Drill Hole Survey  
Method: \_\_\_\_\_

Azimuth	Dip	Depth
90	68	0

Property: LADNER CREEK  
 NTS: 92H/11W  
 Claim: MCMASTER  
 Date started: JAN 15/96  
 Date completed: JAN 16/96  
 Logged by: DGC

**Purpose:** TO EXPLORE EASTERLY FOR ZONE MATERIAL FROM THE END OF 875 EXPLORATION DRIFT.

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
0.00	1.52	910 NO RECOVERY				
1.52	4.55	660 PEBBLE CONGLOMERATE occasional thin bed of turbidite				
4.55	10.67	690 GREEN TURBIDITE grading to interbeds of chloritic siltstone and argillaceous beds.				
10.67	25.70	682 SILTSTONE - chloritic siltstone with avg. interbeds, predominate bedding angleis 45 - 50 deg. to C.A., occasional scour & slumping features,grading towards turbidite				
25.70	25.91	226 FAULT- 25-50 % gouge, 70 deg to CA				
25.91	27.00	682 SILTSTONE- Bd 45-50 deg to Ca				
27.00	47.27	690 TURBIDITE - greyish green, coarse-fine cycles, the coarse units indicate beds to be inverted, coarse cycles are melange and rip up clasts and wacke, beds tend to be 75 - 80 deg. to C.A., grades to a siltstone				
47.24	51.82	684 SILTSTONE - bedding 30 deg. to C.A., qtz veins, partly siliceous, minor pyrrhotite				
47.24	48.24	qtz veins, Po < 5%, Py < 1%	88148	1.00	0.001	0.01
48.24	49.24	qtz vein disseminated & stringers of	88149	1.00	0.001	0.02
49.24	50.29	Po 5 - 8 %	88150	1.05	0.005	0.18
50.29	51.29		88151	1.00	0.007	0.26
51.29	51.87		88152	0.58	0.025	0.85

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## ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-68

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
51.82	75.38	693 GREEN TURBIDITE - massive, occasional lithic fragments and inbanded siltstone clasts. has a green sandstone appearance, relatively homogenous				
75.38	83.00	684 SILTSTONE ( weak to moderate zone material) - partly silicified, qtz veins cutting perpendicular to C.A., siltstone is coarser grain and in part resembles greywacke, between 74.38 - 80.38, well silicified and mineralized zone material				
	75.38	76.38 qtz veins & Py + Po 3-5%	88153	1.00	0.009	0.32
	76.38	77.38	88154	1.00	0.002	0.07
	77.38	78.38 qtz veins, silicified Py 3-5%	88155	1.00	0.012	0.42
	78.38	79.38	88156	1.00	0.028	0.96
	79.38	80.38 moderate z/m, mostly Py >5%	88157	1.00	0.069	2.37
	80.38	81.38 Py cubes in fractures	88158	1.00	0.042	1.44
	81.38	82.38	88159	1.00	0.018	0.62
	82.38	83.00 qtz veins, Py 3-5%	88160	0.62	0.022	0.75
83.00	97.00	687 CHLORITIC SILTSTONE - finely laminated, bedding varies and tends to be disrupted with beds confluted and semi faulted, 11 deg. to C.A., also chloritic siltstone faulted fragments.				
97.00	102.87	680 SILTSTONE - finely laminated, bedding 60 - 65 deg. to C.A., coarser clastics between 97.54 to 98.24.				
102.87	106.68	650 CONGLOMERATIC ARGILLITE - occasional siltstone boulders, matrix display convoluted beds with unmineralized qtz stringers.				
106.68	120.40	680 SILTSTONE - finely laminated with argillaceous beds, bedding angles are low, generally 10 - 15 deg. to C.A., grey siltstone is interbedded with dark grey to black argillite				

END OF HOLE. 120.40 metres



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-69

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)	
19.81	27.80	680 SILTSTONE finely laminated. bedding 75 deg. to C.A.					
27.80	39.62	511 ZONE MATERIAL - zone between 27.8-28.8 is altered siltstone, bedding is 80 deg. to C.A., disseminated Py 3-5% - significant fault zone between 29.43-30.20 - crushed carbonaceous gouge - faulting appears to about 75 deg. to C.A.					
	27.80	28.80	altered siltstone, silicified, fine dissem.	88169	1.00	0.021	0.71
	28.80	30.00	(carbonaceous fault) cubic pyrite	88170	1.20	0.065	2.24
	30.00	31.00	qtz/abite Breccia, predominately Py	88171	1.00	0.037	1.28
	31.00	32.00	in fractures & fine disseminated cubic Py	88172	1.00	0.009	0.32
	32.00	33.00		88173	1.00	0.019	0.65
	33.00	34.00		88174	1.00	0.032	1.12
	34.00	35.00	siliceous siltstone with disseminated Py	88175	1.00	0.034	1.16
	35.00	36.00	Py >3%, Py <2%	88176	1.00	0.056	1.93
	36.00	37.00		88177	1.00	0.025	0.86
	37.00	38.00		88178	1.00	0.010	0.33
	38.00	39.00	altered siltstone, partly siliceous	88179	1.00	0.067	2.28
	39.00	39.62	fine disseminated Py cubes	88180	0.62	0.026	0.89
39.62	42.37	610 SILTY ARGILLITE - finely laminated argillaceous beds, bedding 70 deg. to CA - graphic slickensides along bedding planes					
42.37	45.42	511 SILTSTONE: WEAK ZONE MATERIAL silicified, blobs & irregular seams of predominately Pyrrhotite.					
	39.62	41.15		88185	1.53	0.025	0.88
	41.15	42.37		88184	1.22	0.003	0.09
	42.37	43.37	siliceous, disseminated Po 5%	88181	1.00	0.001	0.04
	43.37	44.37		88182	1.00	0.006	0.20
	44.37	45.32		88183	0.95	0.038	1.30
45.42	62.48	670 BOULDER CONGLOMERATE - purple brownish boulders & pebbles siliceous chloritic matrix - 51.82 to 53.34 fault zone - fault fractured/chloritic shears, badly broken boulder conglomerate					

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 3

DDH #: 11100-69

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
62.48	74.68	<p>682 SILTSTONE</p> <ul style="list-style-type: none"> <li>- chloritic, finely laminated, bedding 70 deg. to CA</li> <li>- between 64.00-64.90 brittle fracturing &amp; faulting with fault 80 deg. to CA</li> <li>- chloritic shears at 64.90, at 74.68 brecciated &amp; sheared altered andesite, shearing and brecciation are low angle, approx. 75-80 deg. to CA</li> </ul>				
74.68	87.82	<p>421 CHLORITIC SHEARED ANDESITE</p> <ul style="list-style-type: none"> <li>- intensely sheared &amp; altered, has almost a granular appearance due to crushing and brecciation</li> <li>- matrix is siliceous &amp; chloritic, andesite fragments also healed in the quartz and calcite hariline veinlets.</li> <li>- 80.75 - 81.25 brittle fault &amp; fractured core</li> <li>- 87.82 - 88.40 sheared andesite and sheared silty argillite are in fault contact parallel to CA</li> </ul>				
87.82	90.64	<p>681 SHEARED/FAULT ALTERED SILTY ARGILLITE</p> <ul style="list-style-type: none"> <li>- siliceous albite/quartz veining, argillite in sheared contact with altered sheared andesite, shearing and faulting is parallel to 5-10 deg. to core axis</li> <li>- albite/quartz veining is also same angles, numerous graphitic slickensides</li> <li>- Py &amp; Po are disseminated &amp; also occur as stringers same angle to shearing and foliation</li> </ul>				
		87.82 88.82 sheared albite/qtz + disseminated	88309	1.00	0.019	0.66
		88.82 88.92 Py + Po approx. 5%	88310	0.10	0.042	1.44
		88.92 90.92 Po stringers	88311	2.00	0.048	1.64
90.64	95.39	<p>681 BRECCIATED ALTERED SILTSTONE</p> <ul style="list-style-type: none"> <li>- siliceous - cherty Breccia fragments</li> <li>- purple/brownish silicified &amp; mineralized fragments</li> <li>- disseminated &amp; stringers pyrrhotite</li> <li>- brecciation and shearing parallel to C.A.</li> </ul>				
		90.92 91.92 purple-brownish siliceous fragments	88312	1.00	0.026	0.88
		91.92 92.96 disseminated Py & Po	88313	1.04	0.026	0.91
		92.96 93.96 stringers of Po	88314	1.00	0.049	1.68
		93.96 95.39 Py & Po approx. 5-10 %	88315	1.43	0.037	1.26

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 4

DDH #: 11100-69

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
95.39	97.14	541 ZONE MATERIAL - albite/qtz veinlets, highly silicified, disseminates Py & Po - between 96.70-97.14 fault gouge parallel to CA - major faulting				
	95.39	96.40 Po >5% + Py <5% + Arsenopy 2%	88316	1.01	0.056	1.94
	96.40	97.14 Po + Py + carbonaceous gouge	88317	0.74	0.036	1.22
97.14	99.88	216 FAULT - black carbonaceous gouge & graphite >50% - fault & gouge 85 deg. to CA - graphitic argillaceous slickensides - core intensely broken and crushed - argillaceous-carbonaceous crushed material				
99.88	106.68	681 SHEARED ALTERED SILTSTONE (weak zone material) - chloritic & silicified, intensely sheared and brecciated - stringers & seams of Pyrrhotite with disseminated pyrite - hairline albite/qtz stringers - predominately Po throughout				
	99.88	100.88 silicified, sheared & faulted, parallel to	88318	1.00	0.042	1.44
	100.88	101.88 C.A. diss. in Po >5%,	88319	1.00	0.097	3.31
	101.88	102.88 Py + Po >5%	88320	1.00	0.052	1.80
	102.88	103.88 albite/qtz stringers + fine	88321	1.00	0.040	1.38
	103.88	104.88 disseminated Py + Po >5%	88322	1.00	0.033	1.12
	104.88	105.88	88323	1.00	0.094	3.22
	105.88	106.68	88324	0.80	0.043	1.49
106.68	115.42	623 SHEARED ALTERED SILTY ARGILLITE - brecciated shearing para. to CA, thin argillite beds 85 deg. to CA, disseminated & seams of pyrrhotite - between 111.73 - 112.73, fault-fracturing para. to CA, carbonaceous argillite				
	106.68	107.68 sheared argillite, qtz stringers	88325	1.00	0.002	0.07
	107.68	108.68 disseminated Py + Po 5%	88326	1.00	0.026	0.90
	108.68	109.73	88327	1.05	0.013	0.44
	109.73	110.73 Po + Py	88328	1.00	0.002	0.08
	110.73	111.73	88329	1.00	0.014	0.49
	111.73	112.78 carbonaceous argillite Po 3-5%	88330	1.05	0.002	0.08
	112.78	113.78 Breccia qtz vein, Py + Po	88331	1.00	0.001	0.03
	113.78	115.42	88332	1.64	0.001	0.04



ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 5

DDH #: 11100-69

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
115.42	127.70	<b>684 ALTERED BRECCIATED SILTSTONE</b> - silicified, large siltstone fragments in silty argillite matrix - disseminated, blebs & seams of Pyrrhotite & lesser Pyrite - sheared fragments and bedding remnants parallel to C.A. - between 120.40-121.30 faulted siltstone with chloritic slickensides - between 123.75-124.35 brittle fault chloritic slickensides - between 127.10-127.60 fault, chloritic crushed zone				
115.42	116.40	silicified, dissem, Py + Po	88333	0.98	0.018	0.62
116.40	117.40		88334	1.00	0.022	0.75
117.40	118.40		88335	1.00	0.023	0.78
118.40	119.40		88336	1.00	0.019	0.65
119.40	120.40	qtz/albite veinlets, Py + Po	88337	1.00	0.022	0.76
120.40	121.90	siliceous, fault/fracture	88338	1.50	0.035	1.19
121.90	122.90	dissem Po + Py approx. 5%	88339	1.00	0.040	1.38
122.90	123.90	blebs & seams of Po	88340	1.00	0.002	0.05
123.90	124.97		88341	1.07	0.002	0.06
124.97	125.97	Po seams along argillite bedding planes	88342	1.00	0.001	0.03
125.97	127.00		88343	1.03	0.001	0.04
127.00	127.70	faulted & crushed, dissem Po	88344	0.70	0.001	0.01
127.70	137.16	<b>424 ALTERED ANDESITE</b> - silicified, brecciated and mylonitic - disseminated sulphides, predominantly Pyrrhotite				
127.70	128.70	siliceous, disseminated Po	88345	1.00	0.001	0.05
128.70	129.70		88346	1.00	0.006	0.22
129.70	130.70	dissemin. Po 3-5%	88347	1.00	0.002	0.08
130.70	131.70		88348	1.00	0.002	0.07
131.70	132.70		88349	1.00	0.003	0.09
132.70	133.70	dissemin. & stringers of Po 5%	88350	1.00	0.014	0.48
133.70	134.70		88351	1.00	0.002	0.07
134.70	135.70		88352	1.00	0.001	0.02
135.70	137.16		88353	1.46	0.001	0.01

END OF HOLE @ 137.16 m (450 ft)

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 6

DDH #: 11100-69

from (m)	to (m)	----- Description -----	sample No.	width (m)	Au (oz/t)	Au (g/t)
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ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 2

DDH #: 11100-70

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
32.72	34.05	642 CHLORITIC LITHICWACKE - part of turbidite coarse cycle, prominent black elongated clasts.				
34.05	43.38	692 THIN BEDDED CHLORITIC TURBIDITE - green with dark gray interbeds, well bedded, beds at 35.20 are 10 deg. to CA - bedding at 38.85 is 70 deg. to CA, an abrupt change slump structures common - bedding displaced at 43.00, generally 70 deg. to CA - lower contact marked by distinct increase in calcite stringers close spaced. - healed fault as lower contact.				
43.38	87.84	612 SILTY ARGILLITE - cut by many calcite stringers close spaced down to about 50.00 @ 30 deg. to CA. - well laminated, dark gray-black - laminations at 40.50 are 85 deg. to CA, also at 52.50 - disseminated pyrite zone 49.00-49.55				
	49.00	49.55	88436	0.55	0.024	0.83
		- calcite filled shearing at 56.05 at 35 deg. to CA up to 45 deg. - soft sediment flame structure at 56.36 (upside down) - laminations at 58.04 are at 80 deg. to CA, minor micro scale soft sediment slumping and off-sets slumping suggests sequence is over turned. - slight graphite and chlorite coated slips at 60.61 sheared appearance down to 61.35. - very well laminated at 63.00, 85 deg. to CA - calcite filled fractures starting to increase at 65.20 - bedding highly convoluted at 67.10, < 10 deg. to CA - laminations parallel to core axis at 73.80, bedding highly broken and folded. - silicified zone 77.95 - 78.10 quartz breccia zone, very sparse sulphides - greenish colour starting 77.00, more coarser layers				

ATHABASKA GOLD RESOURCES - LADNER CREEK PROJECT

SECTION: 11100N

Page: 3

DDH #: 11100-70

from (m)	to (m)	Description	sample No.	width (m)	Au (oz/t)	Au (g/t)
SILTY ARGILLITE (cont'd)						
77.65	78.10	no sulphides	88437	0.45	0.013	0.45
78.10	79.31	unaltered, no Py	88438	1.21	0.002	0.06
79.31	79.86	traces of Po	88439	0.55	0.065	2.24
silicified zone 79.31 - 79.86						
79.86	81.00		88440	1.14	0.016	0.57
- gradual increase in silica content with veinlets 1-5 m and irregular patches						
85.00	86.00		88441	1.00	0.012	0.40
86.00	86.65		88442	0.65	0.014	0.47
86.65	87.65		88443	1.00	0.029	0.99
87.84	88.50	266 FAULT ZONE some gouge graphite traces some chlorite @ 35 deg. to CA				
88.50	125.58	690 SILTY TURBIDITE - coarse graded cycles to fine argillaceous beds intercolated with significant silty argillite sections - well bedded @ 75 deg. to CA at 98.00 - calcite shearing 30 deg. to CA, 100.44 to 100.97, bedding at 102.10 is about 75 deg. to CA, with abundant soft sediment slump features - bedding also has sheared appearance 103-106 m. - short silicified zone 107.29-107.48 - calcite filled 109.42-109.51 - rusty fractures starting at 104.00 to more intense at 112, bedding at 110.50 is 85 deg. to CA - sheared appearance with calcite in filling at 115.47 - finely laminated at 121.01 down to 125.58, abundant soft sediment slump structures overturned, 70 deg. to CA at 122.50. - rusty fractures continue to end of hole.				

END OF HOLE @ 125.58 m (412 ft).