

**Gold Grain Report**

**Apex Geoscience Ltd**

October 01, 2007

Attention: Michael Dufresne

PO #/Project:

Samples: 13

<b>Sample #</b>	<b>Sample Weight in Kg</b>	<b>Visible Gold Grain Count</b>	<b>Estimated Weight of Gold in µg</b>
07-DAH-101	5.3	4	29.19
07-DAH-102	7.3	7	11.49
07-DAH-103	9.0	6	11.66
07-DAH-104	6.6	12	46.99
07-DAH-105	7.6	3	3.3
07-DAH-106	8.9	27	66.37
07-DAH-107	7.6	18	50.34
07-DAH-108	9.1	35	19.39
07-DAH-109	6.8	4	12.01
07-DAH-110	6.5	1	11.41
07-DAH-111	7.8	2	13.1
07-DAH-112	8.3	0	
07-DAH-113	9.8	1	1.05

**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-101**

**Estimated Weight of Gold in micrograms: 29.19**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
300	200	D
180	120	I
140	100	A
60	40	A

Delicate (D) - Bedrock gold crystallizes as pitted granular masses with smooth protruding crystals.

Irregular (I) - After short ice transport, crystals are removed leaving smaller pitted grains with several protrusions. Grains may become curled.

Abraded (A) - With increasing transport, protrusions break off irregular grains producing several smaller leaf shaped grains. Pitted surfaces become smooth.

Rounded (R) - results from continued abrasion, producing small polished spherical or ellipsoidal grains.

Please note that combinations of the descriptions may be used if different characteristics within each individual grain are observed.

**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-102**

**Estimated Weight of Gold in micrograms: 11.49**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
140	120	I
140	120	R
120	120	I
120	80	A
100	60	A
60	40	I
40	40	A

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Please note that combinations of the descriptions may be used if different characteristics within each individual grain are observed.

**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-103**

**Estimated Weight of Gold in micrograms: 11.66**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
160	100	I
140	100	A
140	80	A
120	120	A
100	80	A
60	60	A

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**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-104**

**Estimated Weight of Gold in micrograms: 46.99**

<b>Length in µm</b>	<b>Width in µm</b>	<b>Description</b>
400	140	I
160	120	I
140	120	I
140	120	I
140	100	I
120	100	I
120	100	I
120	60	I
100	100	I
80	40	I
80	40	I
60	40	A

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**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-105**

**Estimated Weight of Gold in micrograms: 3.3**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
120	120	I
80	60	I
80	40	I

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Abraded (A) - With increasing transport, protrusions break off irregular grains producing several smaller leaf shaped grains. Pitted surfaces become smooth.

Rounded (R) - results from continued abrasion, producing small polished spherical or ellipsoidal grains.

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**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
 Attention: Michael Dufresne  
 PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-106**

**Estimated Weight of Gold in micrograms: 66.37**

<b>Length in µm</b>	<b>Width in µm</b>	<b>Description</b>
280	220	D
200	120	I
180	140	I
180	100	I
180	100	A
160	120	I
140	100	I
140	80	I
140	80	D
120	120	I
120	80	A
120	80	I
120	80	A
100	100	I
100	80	I
100	80	I
100	60	A
100	60	I
80	60	I
80	60	I
80	60	I
60	60	A
60	40	I
60	40	I
40	20	I
40	20	A
20	20	A

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**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
 Attention: Michael Dufresne  
 PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-107**

**Estimated Weight of Gold in micrograms: 50.34**

<b>Length in µm</b>	<b>Width in µm</b>	<b>Description</b>
300	220	A
220	100	A
140	140	I
140	120	I
140	100	A
140	80	I
120	100	I
120	80	I
100	100	I
100	60	I
100	40	A
100	20	I
80	80	I
80	60	I
80	40	I
80	40	I
60	60	I
60	40	I

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**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
 Attention: Michael Dufresne  
 PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-108**

**Estimated Weight of Gold in micrograms: 19.39**

Length in $\mu\text{m}$	Width in $\mu\text{m}$	Description
180	100	A
180	100	I
140	140	I
100	60	I
100	40	I
80	80	D
80	60	I
80	60	I
80	60	I
80	60	I
80	40	I
80	20	D
60	60	I
60	60	I
60	40	D
60	40	I
60	40	I
60	40	I
60	40	I
60	40	I
60	20	A
60	20	I
40	40	I
40	40	I
40	40	I
40	30	I
40	20	I
40	20	I
40	20	I
40	20	I
40	20	I

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**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-109**

**Estimated Weight of Gold in micrograms: 12.01**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
220	140	A
120	100	I
100	100	I
60	40	I

Delicate (D) - Bedrock gold crystallizes as pitted granular masses with smooth protruding crystals.

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**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-110**

**Estimated Weight of Gold in micrograms: 11.41**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
260	140	D

Delicate (D) - Bedrock gold crystallizes as pitted granular masses with smooth protruding crystals.

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Please note that combinations of the descriptions may be used if different characteristics within each individual grain are observed.

**Gold Grain Description Detail**

**Apex Geoscience Ltd**  
Attention: Michael Dufresne  
PO #/Project:

October 01, 2007

**Sample Number: 07-DAH-111**

**Estimated Weight of Gold in micrograms: 13.1**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
220	160	I
160	100	I

Delicate (D) - Bedrock gold crystallizes as pitted granular masses with smooth protruding crystals.

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**Apex Geoscience Ltd**  
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October 01, 2007

**Sample Number: 07-DAH-113**

**Estimated Weight of Gold in micrograms: 1.05**

<b>Length in <math>\mu\text{m}</math></b>	<b>Width in <math>\mu\text{m}</math></b>	<b>Description</b>
100	80	I

Delicate (D) - Bedrock gold crystallizes as pitted granular masses with smooth protruding crystals.

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