

**2017 Drill Results with Amended Copper Solubilities <sup>(1,2)</sup>**  
(February 8, 2018)

Hole Number	Pad # Dip/Azimuth (degrees)	From (meters)	To (meters)	Interval (meters)	Total Copper (%)	Acid Soluble Copper (%)	Total Soluble Copper (%)
<b>Adriana Zone</b>							
DCH-001	Pad-1	5.7	61.0	55.3	<b>0.73</b>	0.50	<b>0.65</b>
Incl.	-62/135	32.7	61.0	28.3	<b>1.21</b>	0.82	<b>1.10</b>
		85.5	118.5	33.0	<b>0.40</b>	0.24	<b>0.28</b>
		128.5	184.0	55.5	<b>0.37</b>	0.21	<b>0.27</b>
		190.0	358.5	168.5	<b>0.72</b>	0.25	<b>0.46</b>
Incl.		191.5	200.5	9.0	<b>1.15</b>	0.07	<b>0.29</b>
Incl.		237.0	246.0	9.0	<b>1.29</b>	0.22	<b>1.00</b>
Incl.		330.0	357.0	27.0	<b>1.63</b>	0.13	<b>0.71</b>
		383.0	286.8	3.8	<b>0.94</b>	0.01	<b>0.09</b>
DCH-002	Pad-1	32.00	68.00	36.00	<b>0.54</b>	0.35	<b>0.45</b>
Incl.	-75/135	41.00	57.50	16.50	<b>0.91</b>	0.64	<b>0.79</b>
		89.00	113.00	24.00	<b>0.56</b>	0.23	<b>0.38</b>
Incl.		92.00	98.00	6.00	<b>0.99</b>	0.39	<b>0.65</b>
		168.50	224.00	55.50	<b>0.62</b>	0.24	<b>0.52</b>
Incl.		185.00	194.00	9.00	<b>2.00</b>	0.60	<b>1.93</b>
		314.00	321.50	7.50	<b>0.42</b>	0.17	<b>0.36</b>
DCH-004	Pad-1	3.00	57.00	54.00	<b>0.40</b>	0.32	<b>0.34</b>
	-45/135	239.50	326.00	86.50	<b>0.70</b>	0.48	<b>0.66</b>
Incl.		266.00	281.00	15.00	<b>1.11</b>	0.60	<b>1.12</b>
and		291.50	306.50	15.00	<b>1.42</b>	1.25	<b>1.36</b>
		418.50	507.00	88.50	<b>0.84</b>	0.19	<b>0.64</b>
Incl.		445.50	484.50	39.00	<b>1.46</b>	0.28	<b>1.11</b>
or		454.50	471.00	16.50	<b>2.12</b>	0.21	<b>1.47</b>
		528.00	588.50	60.50	<b>0.38</b>	0.02	<b>0.06</b>
DCH-006	Pad-1	10.00	14.50	4.50	<b>0.59</b>	0.52	<b>0.54</b>
	-55/90	23.50	76.00	52.50	<b>0.65</b>	0.52	<b>0.53</b>
Incl.		43.00	59.50	16.50	<b>1.15</b>	1.00	<b>0.91</b>
		80.50	118.00	37.50	<b>0.38</b>	0.23	<b>0.32</b>
Incl.		92.50	95.50	3.00	<b>2.05</b>	1.15	<b>1.89</b>
		137.50	158.50	21.00	<b>0.44</b>	0.26	<b>0.32</b>
		158.50	173.92	15.42	<b>0.26</b>	0.13	<b>0.16</b>
		374.70	379.80	5.10	<b>0.29</b>	0.25	<b>0.25</b>

Hole Number	Pad # Dip/Azimuth (degrees)	From (meters)	To (meters)	Interval (meters)	Total Copper (%)	Acid Soluble Copper (%)	Total Soluble Copper (%)
DCH-008	Pad-1	8.50	14.50	6.00	<b>0.45</b>	0.35	<b>0.38</b>
	-75/90	28.00	55.00	27.00	<b>0.64</b>	0.42	<b>0.47</b>
Incl.		38.50	49.00	10.50	<b>0.98</b>	0.65	<b>0.71</b>
		64.00	86.50	22.50	<b>0.25</b>	0.16	<b>0.18</b>
		139.00	159.90	20.90	<b>0.84</b>	0.37	<b>0.78</b>
Incl.		155.50	159.90	4.40	<b>2.14</b>	0.32	<b>2.02</b>
		173.50	188.50	15.00	<b>1.01</b>	0.19	<b>0.69</b>
Incl.		182.50	185.50	3.00	<b>1.99</b>	0.14	<b>0.94</b>
DCH-009	Pad-1	44.00	83.00	39.00	<b>0.51</b>	0.29	<b>0.43</b>
Incl.	-59/43	69.50	77.00	7.50	<b>1.17</b>	0.54	<b>1.09</b>
		95.00	99.50	4.50	<b>0.72</b>	0.56	<b>0.59</b>
		110.00	132.50	22.50	<b>0.61</b>	0.43	<b>0.52</b>
Incl.		111.50	119.00	7.50	<b>1.28</b>	0.93	<b>1.14</b>
		167.00	176.00	9.00	<b>0.51</b>	0.30	<b>0.37</b>
DCH-011	Pad-1	16.00	50.50	34.50	<b>0.41</b>	0.29	<b>0.34</b>
	-45/43	61.00	74.50	13.50	<b>0.62</b>	0.43	<b>0.51</b>
		91.00	101.50	10.50	<b>0.72</b>	0.52	<b>0.62</b>
DCH-012	Pad-2A	158.50	163.00	4.50	<b>0.44</b>	0.09	<b>0.19</b>
	-56/229	175.00	271.50	96.50	<b>0.93</b>	0.19	<b>0.69</b>
Incl.		197.50	217.00	19.50	<b>2.03</b>	0.32	<b>1.52</b>
and		245.50	250.00	4.50	<b>5.01 *</b>	0.31	<b>4.37 *</b>
DCH-016	Pad-2A	98.50	101.50	3.00	<b>0.29</b>	0.22	<b>0.07</b>
	-65/229	141.00	153.00	12.00	<b>0.55</b>	0.43	<b>0.23</b>
Incl.		145.50	148.50	3.00	<b>1.23</b>	1.12	<b>0.47</b>
		187.00	199.50	12.50	<b>0.17</b>	0.15	<b>1.13</b>
		297.50	306.00	8.50	<b>0.75 *</b>	0.21	<b>0.16 *</b>
DCH-019	Pad-2A	186.50	201.50	15.00	<b>0.24</b>	0.08	<b>0.18</b>
	-45/229	201.50	243.50	42.00	<b>0.97</b>	0.17	<b>0.47</b>
Incl.		222.50	230.00	7.50	<b>3.31 *</b>	0.10	<b>1.24 *</b>
DCH-022	Pad-2A	100.00	142.00	42.00	<b>0.20</b>	0.09	<b>0.13</b>
	-61/229	142.00	175.00	33.00	<b>0.63</b>	0.27	<b>0.56</b>
Incl.		142.00	149.50	7.50	<b>1.32</b>	0.68	<b>1.19</b>
		193.00	203.50	10.50	<b>0.36</b>	0.30	<b>0.31</b>

Hole Number	Pad # Dip/Azimuth (degrees)	From (meters)	To (meters)	Interval (meters)	Total Copper (%)	Acid Soluble Copper (%)	Total Soluble Copper (%)
		241.00	253.00	12.00	<b>0.37</b>	0.29	<b>0.30</b>
		268.00	280.40	12.40	<b>1.51</b>	0.18	<b>1.28</b>
Incl.		269.50	275.80	6.30	<b>2.48 *</b>	0.27	<b>2.32 *</b>
DCH-023	Pad-3	81.20	87.00	5.80	<b>0.46</b>	0.30	<b>0.32</b>
	-50/135	160.00	166.00	6.00	<b>0.35</b>	0.08	<b>0.28</b>
DCH-024	Pad-2A	66.50	75.50	9.00	<b>0.36</b>	0.21	<b>0.25</b>
	-63/205	111.50	137.00	25.50	<b>0.91</b>	0.34	<b>0.74</b>
Incl.		113.00	122.00	9.00	<b>1.98</b>	0.78	<b>1.71</b>
		226.00	308.50	82.50	<b>1.31</b>	0.17	<b>0.72</b>
Incl.		263.50	295.20	31.70	<b>2.19 *</b>	0.11	<b>0.80 *</b>
DCH-025	Pad-2	158.90	175.20	16.30	<b>1.43</b>	0.35	<b>0.85</b>
Incl.	-45/225	168.50	175.20	6.70	<b>2.62 *</b>	0.29	<b>1.40 *</b>
DCH-026	Pad-2A	196.00	217.00	21.00	<b>0.74</b>	0.69	<b>0.71</b>
Incl.	-57.5/205	203.50	211.00	7.50	<b>1.15 *</b>	1.08	<b>1.13 *</b>
		248.00	266.50	18.50	<b>0.44</b>	0.19	<b>0.24</b>
DCH-027	Pad-2	151.50	169.00	17.50	<b>0.18</b>	0.07	<b>0.16</b>
	-52/225	169.00	186.10	17.10	<b>1.06</b>	0.33	<b>0.62</b>
Incl.		183.10	186.10	3.00	<b>2.91 *</b>	0.10	<b>1.15 *</b>
DCH-028	Pad-2	94.50	134.00	39.50	<b>0.22</b>	0.08	<b>0.15</b>
	-45/270	161.00	185.50	24.50	<b>1.10</b>	0.67	<b>0.99</b>
Incl.		167.50	171.80	4.30	<b>2.54 *</b>	1.29	<b>2.31*</b>
DCH-029	Pad-2A	209.00	246.00	37.00	<b>0.31</b>	0.11	<b>0.11</b>
Incl.	-52/205	231.50	236.20	4.70	<b>0.72</b>	0.23	<b>0.23 *</b>
DCH-030	Pad-2	104.50	127.00	22.50	<b>0.64</b>	0.50	<b>0.44</b>
	-45/305	137.50	154.00	16.50	<b>0.51</b>	0.12	<b>0.52</b>
DCH-031	Pad-2A	61.90	71.00	9.10	<b>0.20</b>	0.09	<b>0.11</b>
	-70/205	134.80	152.00	17.20	<b>0.16</b>	0.04	<b>0.06</b>
		351.90	356.50	4.60	<b>0.37 *</b>	0.01	<b>0.05 *</b>
DCH-032	Pad-1	55.00	84.20	29.20	<b>0.21</b>	0.13	<b>0.14</b>
	-45/190	100.50	111.30	10.80	<b>0.18</b>	0.06	<b>0.07</b>
		148.80	157.80	9.00	<b>0.14 *</b>	0.04	<b>0.11 *</b>

Hole Number	Pad # Dip/Azimuth (degrees)	From (meters)	To (meters)	Interval (meters)	Total Copper (%)	Acid Soluble Copper (%)	Total Soluble Copper (%)
DCH-033	Pad 4	53.50	63.70	10.20	<b>0.49</b>	0.31	<b>0.42</b>
	-62.5/218	126.40	136.80	10.40	<b>0.77</b>	0.64	<b>0.69</b>
		291.40	307.90	16.50	<b>0.18</b>	0.11	<b>0.13</b>
		316.00	386.30	70.30	<b>1.14</b>	0.21	<b>0.57</b>
Incl.		335.70	347.70	12.00	<b>3.16 *</b>	0.30	<b>1.67 *</b>
DCH-034	Pad-1	44.00	63.50	19.50	<b>0.22</b>	0.12	<b>0.13</b>
	-60/190	63.50	158.45	94.95	<b>0.85</b>	0.43	<b>0.75</b>
Incl.		101.50	115.00	13.50	<b>0.99</b>	0.60	<b>0.87</b>
and		125.60	131.80	6.20	<b>2.81</b>	1.43	<b>2.67</b>
and		152.30	158.45	6.15	<b>3.16 *</b>	0.43	<b>3.01 *</b>
DCH-035	Pad 4	118.50	145.50	27.00	<b>0.37</b>	0.33	<b>0.35</b>
	-52.5/218	258.00	298.50	40.50	<b>0.82</b>	0.14	<b>0.40</b>
Incl.		270.50	273.30	2.80	<b>4.26 *</b>	0.20	<b>2.24 *</b>
DCH-036	Pad 4	88.50	179.50	91.00	<b>0.76</b>	0.47	<b>0.70</b>
Incl.	-45/218	133.00	161.50	28.50	<b>1.42</b>	0.70	<b>1.36</b>
		271.00	281.70	10.70	<b>0.48</b>	0.03	<b>0.11</b>
Incl.		271.00	272.50	1.50	<b>1.84 *</b>	0.03	<b>0.10 *</b>
DCH-039	Pad 2	121.90	125.00	3.10	<b>0.94</b>	0.56	<b>0.84</b>
	-75/140	153.50	169.00	15.50	<b>0.82</b>	0.69	<b>0.72</b>
DCH-040	Pad 2	110.40	129.50	19.10	<b>0.17</b>	0.02	<b>0.10</b>
	-45/140	193.00	206.50	13.50	<b>0.35</b>	0.32	<b>0.34</b>
DCH-048	Pad - 4	70.00	145.00	75.00	<b>0.45</b>		<b>0.36</b>
Incl.	-65/195	119.50	133.00	13.50	<b>1.07</b>		<b>0.99</b>
		379.50	417.00	37.50	<b>0.73</b>		<b>0.18</b>
Incl.		387.00	399.00	12.00	<b>1.26</b>		<b>0.35</b>
DCH-049	Pad - 4	70.50	81.00	10.50	<b>0.35</b>		<b>0.30</b>
	-55/195	106.10	155.50	49.40	<b>0.82</b>		<b>0.74</b>
Incl.		137.50	146.50	9.00	<b>2.04</b>		<b>1.89</b>
		318.00	384.00	66.00	<b>0.34</b>		<b>0.22</b>
Incl.		366.00	369.00	3.00	<b>1.76</b>		<b>0.89</b>
DCH-052	Pad - 4	102	147.5	45.5	<b>0.65</b>		<b>0.59</b>



Hole Number	Pad # Dip/Azimuth (degrees)	From (meters)	To (meters)	Interval (meters)	Total Copper (%)	Acid Soluble Copper (%)	Total Soluble Copper (%)
<b>Katty Zone</b>							
DCH-003	Kat-1	213.80	223.90	10.10	<b>0.24</b>	0.03	<b>0.11</b>
	-67/13	248.00	255.00	7.00	<b>0.38</b>	0.01	<b>0.06</b>
		285.20	303.60	18.40	<b>0.24</b>	0.01	<b>0.03</b>
DCH-005	Kat-1	69.50	96.70	27.20	<b>0.72</b>	0.62	<b>0.61</b>
	-52/13	72.50	81.50	9.00	<b>1.16</b>	1.00	<b>1.03</b>
DCH-007	Kat-1	86.30	91.55	5.25	<b>0.19</b>	0.00	<b>0.00</b>
	-50/342	150.40	176.25	25.85	<b>0.15</b>	0.04	<b>0.04</b>
DCH-010	Kat-1	16.10	21.45	5.35	<b>0.81</b>	0.61	<b>0.72</b>
	-50/68	31.00	36.70	5.70	<b>0.51</b>	0.34	<b>0.40</b>
		82.30	125.80	43.50	<b>0.70</b>	0.54	<b>0.54</b>
Incl.		120.25	125.80	5.55	<b>1.85</b>	1.45	<b>1.45</b>
		130.00	142.80	12.80	<b>0.25</b>	0.19	<b>0.19</b>
DCH-013	Kat-2, -55/221	36.50	45.75	9.25	<b>0.67</b>	0.23	0.55
DCH-014	Kat-1	17.65	39.00	21.35	<b>1.20</b>	1.04	<b>1.08</b>
Incl.	-60/68	17.65	25.50	7.85	<b>2.70</b>	2.46	<b>2.51</b>
		123.50	141.70	18.20	<b>0.50</b>	0.15	<b>0.28</b>
DCH-015	Kat-2, -50/250		NSV				
DCH-017	Kat-3	0.00	12.05	12.05	<b>0.22</b>	0.12	<b>0.15</b>
	-50/28	73.30	91.80	18.50	<b>1.30</b>	1.02	<b>1.11</b>
Incl.		83.00	91.80	8.80	<b>2.20</b>	1.75	<b>1.93</b>
DCH-018	Kat-2, -50/180	46.60	53.50	6.90	<b>0.27</b>	0.07	<b>0.18</b>
DCH-020	Kat-3	17.50	33.15	15.65	<b>0.30</b>	0.22	<b>0.23</b>
	-60/28	70.40	83.70	13.30	<b>0.45</b>	0.29	<b>0.34</b>
		116.70	137.40	20.70	<b>0.78</b>	0.55	<b>0.61</b>
Incl.		128.80	134.50	5.70	<b>1.17</b>	0.82	<b>0.92</b>
DCH-021	Kat-4, -50/67	90.20	93.85	3.65	<b>0.84</b>	0.72	<b>0.75</b>
DCH-037	Kat-3	13.90	18.50	4.60	<b>1.93</b>	1.28	<b>1.78</b>



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<b>Atajo Zone</b>						
DCH-041	AT-01	28.50	46.30	17.80	0.75	0.58
Incl.	-45/270	40.30	43.30	3.00	2.15	1.87
		137.60	145.50	7.90	0.32	0.27
DCH-042	AT-02	66.60	76.20	9.60	0.45	0.33
	-45/90	107.70	117.50	9.80	0.21	0.10
DCH-043	AT-01	45.15	55.40	10.25	0.53	0.35
	-45/300	106.50	119.70	13.20	0.55	0.39
Incl.		106.50	110.70	4.20	1.08	0.87
DCH-044	AT-02	61.10	64.10	3.00	1.02	0.82
	-60/90					
DCH-045	AT-02	85.30	98.15	12.85	0.89	0.67
Incl.	-45/45	85.30	89.70	4.40	2.24	1.71
DCH-046	AT-01	48.40	64.70	16.30	0.83	0.64
Incl.	-45/225	51.20	56.20	5.00	2.09	1.68
		78.90	80.25	1.35	2.02	1.89
DCH-047	AT-03	88.50	89.10	0.60	2.98	2.66
	-45/260	157.00	167.10	10.10	0.19	0.07
DCH-050	AT-04		NSV			
	-45/80					

<sup>(1)</sup>True thickness to be determined.

<sup>(2)</sup>All samples were submitted for preparation and analysis by ALS Chemex at its facilities in Lima, Peru. All samples were analyzed using multi-digestion with ICP finish and select samples were analyzed for gold using fire assay with AA finish. Samples over 1% copper were reanalyzed using four acid digestion with an ore grade ICP finish. Mineralized samples were analyzed for soluble copper by a sequential leaching. The samples are first agitated at room temperature in a 5% sulphuric acid solution with the copper content measured by AA. The tails from the acid leach are then agitated in a 10% sodium cyanide solution with an AA finish to determine the amount of copper contained in secondary sulphides such as chalcocite and bornite. One in 20 samples was blank, one in 20 was a standard sample, and one in 20 samples had a sample cut from assay rejects assayed as a field duplicate at ALS Chemex in Lima, Peru.