

Arianne Phosphate completes drilling on western extension of Paul Zone

June 12, 2014 (Source: CNW) – Arianne Phosphate (the “Company” or “Arianne”) (TSX VENTURE: DAN) (FRANKFURT: JE9N) (OTCBB: DRRSF), a development-stage phosphate company advancing the Lac à Paul Project in Quebec, is pleased to report that the latest results from its exploration drilling program, on the western extension of the Paul Zone, has met with success, extending the zone an additional 1.1 km along the strike. When added to the previously defined Paul Zone (released 23 October 2012, with a strike length of 2.7 km), this latter is now recognised on a 3.8 km strike length. Further, the Company also completed its first stage of drilling at its TraMan Zone showing very promising initial results.

Based on the potential targets highlighted through an airborne magnetic survey, Arianne drill tested an area west of the current Paul Zone. All drill holes intersected mineralization and numerous holes returning results of higher than 7% P₂O₅ (see table below), extending the Paul Zone an additional 1.1 km strike length. As shown in the diagram(s) below, this western extension is directly adjacent to the Paul deposit which is currently capable of a 26 years life of mine, as defined in the Company’s BFS (released 24 October 2013). Arianne, over the coming weeks, will perform the required modelling work to more specifically estimate these new resources in the western extension of the Paul Zone.

“We are very pleased with the results from our winter 2014 drilling program” stated Brian Kenny, Chief Executive Officer of Arianne. “These results, taken in conjunction with the earlier potential targets (see the press release of May 15, 2014) are certainly showing the capability to increase the

size of the asset. Given that the mineralised intersections are near-surface and continuous to the Paul Zone, we are confident that additional definition drilling should enable us to upgrade to a resource level and incorporate this into our projected mining plan. Already one of the largest green field phosphate deposits in the world, these results along with the initial drilling results on TraMan continue to move us towards our goal of finding additional phosphate mineralisation. Arianne's exploration works continue to show the district-sized scale of the asset. This is a positive finding in pursuing the development of our target to obtain a mineral resource to support mining operations for fifty (50) years."⁽¹⁾

⁽¹⁾The 50 years target is conceptual in nature, that there has been insufficient exploration to define a mineral resource to that size and that it is uncertain if further exploration will result in the target being delineated as a mineral resource. The 50 years target is based on 472 Mt in reserve and other resources on the project (released 24 October 2013) and the other potential targets (released 15 May 2014).

Paul Zone

The drilling program on the western extension of the Paul Zone, totalling 2 854 metres in 16 holes (PAU-14-154 to PAU-14-169), was designed to test the western extension on the Paul Zone and the aeromagnetic anomaly associated with this sector. A total of nine (9) sections spaced between 100 to 200 meters have been drilled on 1.1 km along the anomaly.

These are 1 020 samples (including QA/QC procedures) which were sent to ALS Chemex Inc. from Val d'Or to be analysed for major elements by the ME-XRF06 method. The table below shows the intersections obtained **along the drill holes** (true width are roughly 75 % of the intersection length) on the western extension of the Paul Zone, with all analytical results obtained. Overburden is around 3 vertical meters depth.

Drill Holes Intersections on western extension of Paul Zone

<i>Drill Hole</i>	<i>From (m)</i>	<i>To(m)</i>	<i>Length along the drill hole (m.)</i>	<i>P₂O₅ (%)</i>
PAU-14-154	6.00	117.00	111.00	5.73
<i>including</i>	<i>69.00</i>	<i>117.00</i>	48.00	7.44
<i>and</i>	<i>91.80</i>	<i>117.00</i>	25.20	9.68
<i>and</i>	138.00	198.00	60.00	4.89
<i>including</i>	<i>183.60</i>	<i>198.00</i>	14.40	9.85
PAU-14-155	<i>102.00</i>	<i>115.00</i>	13.00	6.39
<i>and</i>	154.00	173.40	19.40	6.90
<i>and</i>	202.80	216.00	13.20	5.75
<i>and</i>	263.20	288.30	25.10	6.88
PAU-14-156	9.30	61.20	51.90	8.75
PAU-14-157	4.00	142.30	138.30	6.67
<i>including</i>	<i>49.40</i>	<i>142.30</i>	92.90	8.03
PAU-14-158	87.00	232.20	145.20	4.80
<i>including</i>	<i>120.10</i>	<i>160.80</i>	40.70	5.41
<i>including</i>	<i>177.00</i>	<i>232.20</i>	55.20	5.01
PAU-14-159	66.00	138.00	72.00	4.18
<i>including</i>	66.00	90.00	24.00	4.50
<i>and</i>	128.00	138.00	10.00	6.40
PAU-14-160	33.35	63.25	29.90	5.27
<i>including</i>	33.35	45.00	11.65	7.64
PAU-14-161	6.00	98.60	92.60	9.57
<i>including</i>	<i>36.00</i>	<i>98.60</i>	62.60	11.28
PAU-14-162	6.30	46.00	39.70	8.26
PAU-14-163	30.00	134.00	104.00	5.14
<i>including</i>	<i>102.70</i>	<i>134.00</i>	31.30	9.19
PAU-14-164	39.00	180.40	141.40	5.58

<i>including</i>	96.00	180.40	84.40	6.77
<i>including</i>	137.90	180.40	42.50	8.26
PAU-14-165	42.00	132.60	90.60	5.47
<i>including</i>	64.00	93.00	29.00	6.06
<i>including</i>	115.40	132.60	17.20	6.13
PAU-14-166	24.00	106.90	82.90	6.70
<i>including</i>	69.80	106.90	37.10	9.46
PAU-14-167	4.20	81.00	76.80	6.30
<i>including</i>	46.50	81.00	34.50	7.80
PAU-14-168	3.00	69.20	66.20	10.20
PAU-14-169	300	101.80	98.80	7.10
<i>including</i>	34.80	93.00	58.20	8.36

Coordinates and technical data of the drill holes are shown in the table below. Note that the collars are not still accurately surveyed.

Coordinates & Technical Data of 2014 Drill Holes on western extension of Paul Zone

Drill Hole	UTM_E Nad 83	UTM_N Nad 83	Azimuth	Dip	Length (m)	Number of samples	Cross section / Meterage (m)
PAU-14-157	373325	5529687	340°	— 45°	229	83	S16W / 652
PAU-14-158	373321	5529532	360°	— 68°	285	86	
PAU-14-159	373321	5529532	360°	— 45°	138	43	

PAU-14-154	373098	5529612	360°	- 65°	240	98	S18W / 669
PAU-14-155	373134	5529521	360°	- 65°	300	111	
PAU-14-156	373128	5529733	360°	- 65°	129	51	
PAU-14-160	372945	5529652	360°	- 55°	210	63	S20W / 210
PAU-14-169	372726	5529721	360°	- 60°	141	55	S22W / 141
PAU-14-162	372639	5529764	360°	- 60°	93	34	S23W / 261
PAU-14-163	372620	5529687	360°	- 60°	168	67	
PAU-14-161	372533	5529751	360°	- 60°	132	50	S24W / 372
PAU-14-164	372531	5529678	360°	- 60°	240	79	
PAU-14-165	372437	5529696	360°	- 60°	162	60	S25W / 276
PAU-14-168	372440	5529783	360°	- 65°	114	44	
PAU-14-166	372321	5529706	360°	- 60°	168	56	S26W / 168
PAU-14-167	372222	5529738	360°	- 50°	105	40	S27W / 105

TraMan Zone

The drilling program on TraMan Zone, totalling 4 165 metres in 18 holes (TRM-14-01 to TRM-14-18), was designed to test the aeromagnetic anomaly associated with this sector where surface grab samples gave significant results in P₂O₅. A total of seven

(7) sections spaced between 200 to 400 meters have been drilled on 1.5 km along the anomaly. This sector is a continuity of the Traverse Zone (magnetic anomaly recognised over a 2 km length) where similar results were obtained by drilling (see press release of May 08, 2012).

These are 1 571 samples (including QA/QC procedures) which were sent to ALS Chemex Inc. from Val d'Or to be analysed for major elements by the ME-XRF06 method. The table below shows the intersections obtained **along the holes drilled** (true widths are roughly 75 % of the intersection lengths) on the TraMan Zone with all analytical results. Overburden is around 3 to 4 vertical meters depth.

Drill Holes Intersections on TraMan Zone

<i>Drill Hole</i>	<i>From (m)</i>	<i>To(m)</i>	<i>Length along the drill hole (m.)</i>	<i>P₂O₅ (%)</i>
TRM-14-01	143.60	225.60	82.00	4.48
<i>including</i>	<i>154.00</i>	<i>200.70</i>	46.70	5.04
TRM-14-02	6.00	40.10	34.10	5.05
and	<i>153.00</i>	<i>172.40</i>	19.40	5.64
TRM-14-03	64.80	199.50	134.70	5.00
TRM-14-04	64.00	104.00	40.00	5.00
and	<i>124.70</i>	<i>167.3</i>	42.60	5.04
TRM-14-05	121.00	159.20	38.20	6.53
and	<i>209.70</i>	<i>233.20</i>	23.50	4.22
TRM-14-06	29.00	98.90	69.90	7.26
<i>including</i>	<i>29.00</i>	<i>76.70</i>	47.70	8.45
<i>including</i>	<i>65.50</i>	<i>76.70</i>	11.20	11.60
TRM-14-07	3.00	125.90	122.90	5.71
TRM-14-08	3.00	85.80	82.80	6.00
TRM-14-09	65.10	121.30	56.20	4.84

<i>including</i>	65.10	110.9	45.80	5.30
and	158.50	176.60	18.10	4.16
TRM-14-10	39.00	115.00	76.00	5.72
and	150.40	187.50	37.10	4.71
and	219.00	235.50	16.50	5.78
TRM-14-11	63.00	105.10	42.10	6.13
and	127.10	156.60	29.50	4.92
and	193.90	216.00	22.10	4.96
TRM-14-12	3.60	37.20	33.60	4.61
and	114.50	153.10	38.60	4.55
and	181.50	195.00	13.50	4.93
and	208.20	221.70	13.50	3.81
TRM-14-13	4.60	13.90	9.30	6.11
and	27.00	46.20	19.20	4.98
and	68.90	98.30	29.40	6.61
and	107.60	116.00	8.40	4.48
and	169.20	184.80	15.60	5.13
and	201.00	251.50	50.50	5.58
TRM-14-14	34.70	59.30	24.60	5.48
and	73.50	93.30	19.80	4.04
and	101.90	109.30	7.40	5.25
TRM-14-15	4.50	70.40	65.90	4.09
<i>including</i>	5.20	35.10	29.90	5.49
TRM-14-16	17.00	101.20	84.20	4.18
<i>including</i>	17.00	49.20	32.20	5.18
and	177.00	197.00	20.00	4.28
TRM-14-17	46.80	103.50	56.70	4.77
and	133.40	162.90	29.50	5.11
and	174.00	294.00	120.00	5.23

TRM-14-18	3.00	55.50	52.50	5.54
and	130.20	155.70	25.50	4.49

“We will be performing the required modelling on the results from the Traman zone to determine the size of this additional potential. Combined with the mineralised potential of the Traverse Zone (see press release of May 08, 2012 and table below), that is located just beside TraMan (see figure attached), this sector becomes very attractive for the Lac à Paul Project.” stated Brian Kenny.

Coordinates and technical data of the drill holes are shown in the table below. Note that the collars are not still accurately surveyed.

Coordinates & Technical Data of Drill Holes on TraMan Zone

Drill Hole	UTM_E Nad 83	UTM_N Nad 83	Azimuth	Dip	Length (m)	Number of Samples	Cross Section / Meterage (m)
TRM-14-01	377741	5521745	315 ^o	– 65 ^o	226	91	S6E / 667
TRM-14-02	377626	5521909	315 ^o	– 65 ^o	198	75	
TRM-14-03	377700	5521808	315 ^o	– 50 ^o	243	96	
TRM-14-04	377555	5521680	315 ^o	– 50 ^o	210	76	S4E / 618
TRM-14-05	377474	5521763	315 ^o	– 50 ^o	255	80	
TRM-14-06	377819	5521341	315 ^o	– 50 ^o	153	60	

TRM-14-07	377208	5521429	315 ^o	- 50 ^o	207	84	S0 BL / 573
TRM-14-08	377173	5521511	315 ^o	- 50 ^o	144	60	
TRM-14-09	377294	5521393	315 ^o	- 50 ^o	222	86	
TRM-14-10	377120	5521284	315 ^o	- 50 ^o	240	99	S2W / 411
TRM-14-18	377044	5521339	315 ^o	- 50 ^o	171	64	
TRM-14-11	376943	5521122	315 ^o	- 50 ^o	244	96	S4W / 493
TRM-14-12	376911	5521201	315 ^o	- 50 ^o	249	103	
TRM-14-13	376761	5520922	315 ^o	- 50 ^o	363	137	S7W / 884
TRM-14-14	376646	5521051	315 ^o	- 50 ^o	255	88	
TRM-14-15	376729	5521015	315 ^o	- 50 ^o	266	74	
TRM-14-16	376675	5520703	315 ^o	- 50 ^o	219	85	S9W / 519
TRM-14-17	376547	5520856	315 ^o	- 50 ^o	300	117	

Note that the interpretation of all results and drill sections of this drilling campaign will be done by Arianne and will assess the estimation of resource in these two sectors as soon as possible.

Traverse Zone

Drill Holes Intersections on Traverse Zone (2011)

Drill Hole	From (m)	To(m)	Length along the drill hole (m.)	P₂O₅ (%)
TRA-11-01	3.10	94.90	91.80	6.61
TRA-11-02	66.90	107.70	40.80	6.72
TRA-11-03	3.40	135.00	131.60	4.90
<i>including</i>	3.40	45.00	41.60	5.03
<i>and</i>	49.85	72.80	22.95	5.51
<i>and</i>	87.00	131.00	44.00	5.57
TRA-11-04	2.50	46.40	43.90	5.49
<i>and</i>	100.10	132.00	31.90	4.87
TRA-11-05	3.20	131.3	128.10	5.12
<i>including</i>	3.20	67.10	63.90	6.66
<i>and</i>	90.30	131.30	41.00	5.46
TRA-11-06	3.80	177.00	173.20	6.39

Coordinates & Technical Data of Drill Holes on Traverse Zone

Drill Hole	UTM_E Nad 83	UTM_N Nad 83	Elevation	Azimuth	Dip	Length (m)	Number of samples	Cross section / Meterage (m)
TRA-11-03	374690	5520761	454	360	-90	135	53	S1 / 101
TRA-11-04	374693	5520761	454	360	-45	138	48	
TRA-11-01	374819	5520678	443	360	-70	195	56	S2 / 98
TRA-11-02	374813	5520758	449	360	-70	144	42	
TRA-11-06	375007	5520653	440	360	-45	177	74	S3 / 74
TRA-11-05	375186	5520690	454	360	-90	165	68	S4 / 68

Mr. Daniel Boulianne, P.Geo., Qualified Person as per NI 43-101, has approved this press release.

About Arianne Phosphate

Arianne Phosphate ("Arianne Phosphate Inc.")

(www.arianne-inc.com) is developing the Lac à Paul phosphate deposits located approximately 200 km north of the Saguenay/Lac St. Jean area of Quebec, Canada. These deposits will produce a high quality igneous apatite concentrate grading 38.6% P₂O₅ (released 24 October 2013) with little or no contaminants. The Company has 87.1 million shares outstanding.

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Forward Looking Statements and Information

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