

Jourdan Completes Prospecting Program at Dissimieux Lake

December 17, 2013 (Source: FSC Wire) – **Highlights:**

- Regional prospecting program completed at Dissimieux Lake
- 100 sample results received, 255 samples pending
- Significant results from prospecting in this release include 4.36% P₂O₅, 57.10% Fe₂O₃ and 12.50% TiO₂
- Acquisition of Yves claims, just south of Dissimieux Lake, with result of 7.12% P₂O₅ reported on Sigeom
- Semi – parallel zones of phosphate enriched ultramafic rocks are conceptualized in a 20 km long 10 km wide corridor

JOURDAN RESOURCES INC. (TSX-V: JOR) (“JOURDAN” or the “Company”) (www.jourdan.ca) is pleased to announce the completion of a regional prospecting program on the company’s flagship Dissimieux Lake Phosphate claims.

Previous exploration at Dissimieux Lake by Jourdan has focussed on drilling the Main Phosphate Zone. This zone has been traced with 400 metre centred drilling over a distance of approximately 2,400 metres.

The prospecting program was designed to study prospective targets outside the Main Dissimieux Lake Phosphate Zone. In-house compilation leading up to this prospecting program had outlined highly prospective target zones based on historical phosphate and base metal showings along with geophysical mapping. (see Map 1)

A total of 100 sample results have been received from ALS Chemex with the significant results reported below, and an additional 255 selected samples were collected by the prospecting teams and have been submitted to AGAT Laboratories

for analysis. Analysis results will provide data for a planned 2014 exploration program which will include both regional drilling and additional drilling on the Main Phosphate Zone.

A table of significant results received is presented below:

Sample	*Northing	*Easting	P205 %	TiO2 %	Fe2O3 %
J413063	5515257	441121	0.45	5.21	33.00
J413065	5520533	444693	1.73	3.33	35.10
J413083	5517663	433683	3.13	3.69	35.50
J413087	5521135	443860	3.12	4.78	26.70
J413101	5510747	439368	3.27	5.07	22.90
J413103	5512525	437033	4.36	8.56	34.60
J413110	5520344	435498	3.27	7.36	25.00

J413115	5523671	435709	0.06	7.39	38.30
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J413116	5523677	435811	0.01	12.50	57.10
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J413117	5523694	435818	0.01	6.50	32.10
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J413126	5521077	435883	3.07	4.93	22.80
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J413131	5521401	437352	0.11	11.10	30.90
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J413137	5521210	443725	3.24	3.77	21.80
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J413138	5521148	443825	3.39	4.04	23.40
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J413139	5521127	443869	2.48	7.30	47.50
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J413145	5519589	442689	3.46	6.52	36.80
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J413147	5521595	444152	2.51	5.75	36.80
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J413148	5521035	444205	2.66	4.45	32.10
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J413149 5520863 444090 3.51 7.43 45.90

J413150 5520847 444021 3.02 6.52 42.70

J413152 5521070 443873 2.05 2.30 30.20

J413156 5525354 448563 0.07 9.37 43.40

J413169 560814 5501622 3.55 11.40 40.10

J413170 560188 5501024 0.29 1.15 32.40

J413171 560714 5500536 3.54 5.10 23.30

J413173 560711 5500409 3.76 4.77 23.90

Historical results from the Yves claims (a 9 claim, 5 km² block that is part of the Dissimieux Phosphate Project, located 18 km south of the drilling on the main phosphate zone and 3.5 km south of the rest of the Dissimieux Lake claim block) returned 7.12% P₂O₅ from sample 2008045736 (reported by Sigeom), as shown in the table below:

Name	Year Collected	Sample Number	TiO2	Fe2O3	P2O5
	2002	2002034242	2.16	11.82	1.35
	2003	2003041502	5.85	23.25	5.33
	2003	2003041503	3.69	18.85	3.37
	2008	2008045716	3.40	13.14	3.00
Fleury 1-7	2008	2008045717	6.98	28.42	6.14
	2008	2008045723	2.10	23.08	2.44
	2008	2008045726	7.17	21.95	2.87
	2008	2008045730	7.53	22.62	2.46
	2008	2008045731	5.40	30.16	4.57

Fleury 1b** 2008 2008045732 17.32 45.27 4.76

Yves* 2008 2008045736 9.88 29.78 7.12

Fleury 1-3** 2008 2008048824 7.42 21.56 4.29

2008 2008048826 5.48 19.42 2.99

Fleury 1-4** 2008 2008048827 7.91 31.54 5.41

Fleury 1-5** 2008 2008048832 7.82 22.71 5.78

2008 2008048835 5.69 23.40 2.85

2008 2008048836 7.16 23.69 4.16

2008 2008048915 4.59 43.36 2.03

Fleury 1-6** 2008 2008048930 3.24 13.71 4.56

Ali-1**	2008	2008048941	4.77	28.57	5.60
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*New Acquisition

**Previously announced on March 1, 2013

all table information is from Sigeom (System d'information geominier) datasets provided online the Ministry of Natural Resources, Quebec. Sample locations and assay data has not been verified by Jourdan Resources.

The pending assays from AGAT Laboratories are regional in nature, with several samples targeting the areas in proximity of the Fleury showings listed in the table above (see Map 2). The pending assays also target the western claim limb, and the potential southern extension of the Main Phosphate Zone, located 3 km and 8 km south, respectively, of the most southern drilling to date.

“Jourdan has been successful in acquiring claims with historical phosphate showings and, going forward, the company wants to leverage these low cost acquisitions into advanced projects,” states Jourdan’s President & CEO, Michael Dehn. “Our goal is to become the dominant phosphate miner in North America. In this challenging market environment, prioritization is important, and knowing which projects can add the most value for shareholders is a key success factor.”

Map 1: Sample locations, Dissimieux Lake Property

<http://jourdan.ca/pdf/20131217MAP1.pdf>

Map 2: Government Sample Locations and Showings, Dissimieux

Lake Property

<http://jourdan.ca/pdf/20131217MAP2.pdf>

Quality assurance / Quality Control ("QA/QC")

Surface grab samples averaging 1 kilogram each were taken by qualified personnel from JOURDAN under the supervision of Jean Lafleur, M.Sc., P. Geo. Samples were bagged, sealed and numbered on-site, and delivered to the ALS Laboratory Group facility in Val-d'Or (Quebec) for analysis using the ME-ICP06 Method. At the laboratory facility, samples were inventoried, weighed and dried; crushed 70% to under 2 millimetres; riffled split with a 250 gram sub-sample pulverized 85% to under 75 microns; then followed by analysis.

The technical information in this news release was approved by Mr Stephen Wallace, P. Geo, VP Exploration of Jourdan Resources, and a Qualified Person under NI 43-101 regulations.

About Jourdan Resources

Jourdan Resources Inc. is a Canadian junior mining exploration company focused on phosphate. We continually strive to maximize shareholder value by targeting the highest quality phosphate projects with a professional and highly experienced management team. Our approach combines creativity, experience, and technical expertise with tenacity and determination to advance existing projects while always being prepared to take advantage of new opportunities that can add value for our shareholders. We are committed to conducting ourselves in an open, professional, and responsible manner, while always remaining available to all shareholders. Our goal is to become the dominant phosphate miner in North America.

Jourdan Resources Inc. is a Canadian junior mining exploration company trading under the symbol JOR on the TSX Venture Exchange. The Company is focused on the acquisition, exploration, production, and development of mining properties in phosphates.

Please visit the Company's website at www.jourdan.ca

For further information please contact:

Michael Dehn Glen Wylie, CMA

President and CEO, Jourdan Resources Inc. CFO, Jourdan Resources Inc.

Cautionary Note Regarding Forward-Looking Statements

Certain statements contained in this news release, including any information as to our strategy, projects, plans or future financial or operating performance and other statements that express management's expectations or estimates of future performance, may constitute forward-looking information (collectively "forward-looking information") within the meaning of Canadian securities laws. Forward-looking information may be identified by terminology such as "may", "will", "could", "should", "expect", "plan", "anticipate", "believe", "intend", "estimate", "projects", "predict", "potential", "continue" or other similar expressions concerning matters that are not historical facts and include, but are not limited to, resource estimates, capital and operating expenditures, economic conditions, availability of sufficient financing, receipt of approvals, satisfaction of closing conditions and any and all other timing, development, operational, financial, economic, legal, regulatory and/or political factors that may influence future events or conditions. Such forward-looking statements are based on a number of material factors and assumptions, including, but not limited to, access to capital markets and other sources of financing and associated cost of funds, final receipt of any required approvals, sufficient working capital for development and operations, access to adequate services and supplies, availability of markets for products, commodity prices, foreign currency exchange rates, interest rates, availability of a qualified work force, availability of manufacturing equipment, no material changes to the tax and regulatory

regime, the ultimate ability to execute business plans on economically favourable terms and those material factors and assumptions disclosed in other public filings of Jourdan Resources.

While we consider these assumptions to be reasonable based on information currently available to us, they may prove to be incorrect. Actual results may vary from such forward-looking information for a variety of reasons, including but not limited to, risks and uncertainties disclosed in other public Jourdan Resources filings, changes in general economic, market and business conditions, competition for, among other things, capital and skilled personnel, and other unforeseen events or circumstances, that may cause the actual financial results, performance or achievements of the Company to be materially different from estimated future results, performance or achievements expressed or implied by the forward-looking statements. Copies of the Company's public filings under applicable Canadian securities laws are available at www.sedar.com. The Company further cautions that information contained on, or accessible through, this website is current only as of the date of filing such information and may be superseded by subsequent events or filings. Other than as required by law, Jourdan Resources does not intend, and undertakes no obligation, to update any forward looking information to reflect, among other things, new information or future events.

Although the Company believes many of its properties have promising potential, its properties are in the early stages of exploration. None have yet been shown to contain proven or probable mineral reserves. There can be no assurance that such reserves will be identified on any property, or that, if identified, any mineralization may be economically extracted.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or

accuracy of this release. Statements in this release that are not historic facts are "forward-looking statements" and readers are cautioned that any such statements are not guarantees of future performance, and that actual developments or results, may vary materially from those in these "forward-looking statement.