Search Minerals Announces Preliminary Assays From 2018 Phase 1 DEEP FOX Drill Program; Phase 2 Drill Program in Progress

written by Raj Shah | October 30, 2018

October 29, 2018 (Source) – **Search Minerals Inc. ("Search" or the "Company") (TSXV: SMY)**, is pleased to announce preliminary Phase 1 Drill Program assay results and visual results of the Phase 2 Drill Program on its **DEEP FOX** Critical Rare Earth Element (CREE) property in S.E Labrador. Assays from 8 Phase 1 drill holes and visual results from 6 Phase 2 drill holes show significant CREE throughout the mineralized zone; mineralization is observed in all drill holes.

HIGHLIGHTS OF DEEP FOX PHASE 1 AND PHASE 2 DRILL PROGRAMS

- **DEEP FOX** confirmed to have higher grade mineralization and higher true widths than **FOXTROT**;
- Mineralization observed down to 200m levels below surface in all Phase 2 drill holes;
- Mineralized zone is 350m in strike length, from 11m to 32m wide (true widths added for multiple mineralized intervals) and open below 200m depth;
- Phase 1 assay highlights (**all true widths**):
    - FD-18-01 (50m level): 306 ppm Dy, 2264 ppm Nd, 608 ppm Pr, 2542 ppm La **over 8.4m**;
    - FD-18-02 (100m level): 267 ppm Dy, 2067 ppm Nd, 576 ppm Pr, 2522 ppm La **over 12.6m**;
    - FD-18-04: (100m level): 274 ppm Dy, 1961 ppm Nd, 531

ppm Pr, 2128 ppm La **over 18.8m**;

- Phase 2 drilling to be completed by early November.

Greg Andrews, President/CEO states; ”We are very excited with these preliminary assay results from the Phase 1 drill program. For the drill results received to 100m depth, compared to **FOXTROT**, the grades are over 15% higher and the true widths range from 11m to 32m, compared to 10-14m at **FOXTROT**. Phase 2 drilling was started in early October, and we expect to complete the 2500m drilling by early November. Search plans to engage our consultants to prepare a resource calculation for **DEEP FOX**, which could lead to an updated Preliminary Economic Assessment for the treatment of 2 resources (**FOXTROT and DEEP FOX**). We hope improved economics with the higher grades and widths for **DEEP FOX** and the opportunity to develop 2 resources within the District over an extended mine life would be supported by an updated PEA.”

The Phase 1 **DEEP FOX** Drill Program consists of a total of 15 holes (3 in 2017 and 12 in 2018) to sample CREE mineralization at the 50m (10 holes) and 100m (5 holes) levels below the surface. Assays are now available for 8 of these holes giving data from both levels (5 at the 50m level and 3 from the 100m level). See Table 1 for assays from selected drill hole intervals.

Assay results indicate that mineralized intervals have true widths of 11m to 32m (true widths added for multiple mineralized intervals) at the 50m and 100m levels below the surface. Extensive drilling at the 50m level (Phase 1) indicates that the mineralization has a strike length of at least 350m. Drilling at the 200m level (Phase 2) indicates that the mineralized zone is open below this depth. A Phase 3 drill program is required to test for mineralization at the 250m and 300m levels.

Assays from the 8 reported Phase 1 drill holes are similar to

the surface channel samples (see Search Minerals news release March 5, 2018) at **DEEP FOX**. The CREE mineralization was observed in all drill holes and the geology of the mineralization is similar to that observed at Search's **FOXTROT** property and on surface at **DEEP FOX** (see Search Minerals news release November 27, 2017).

Drill core logging and sampling are in progress for the ongoing Phase 2 drill program. This program (2500m) is designed to intersect mineralization at the 150m and 200m depths below surface and to infill between Phase 1 holes at the 100m level. A total of 6 holes have been completed in Phase 2. All drill holes intersect CREE mineralization visually similar to that assayed in Phase 1 drill holes and in surface channels. An additional 2 to 3 drill holes are planned at the 150m and 200m levels below surface to complete the 2500m program; weather permitting, this program should be completed in two weeks.

The **DEEP FOX** (formerly Deepwater Fox) property (see Search Minerals news releases Jan. 27th, 2015 and Oct. 15th 2015) occurs about 2 km NE from the port of St. Lewis on the SE Labrador coast and within 12 km of the **FOXTROT** Deposit. It can be accessed by all-weather gravel and paved roads and by water through the port of St. Lewis.

TABLE 1 HIGHLIGHTS OF REE & OTHER SELECTED ELEMENTS FROM PHASE 1 DEEP FOX

	DEEP FOX PROPERTY										
	FD-18-01		FD-18-02		FD-18-03		FD-18-04		FD-18-05		
From (m) To (m) True Width (m)	89.63 99.86 8.39		176.95 192.33 12.61		107.73 117.17 7.74		175.00 197.92 18.79		110.00 116.99 5.73		

Y (ppm)	1,446		1,333		1,177		1,320		1,167		
Zr (ppm)	13,314		12,267		12,293		13,151		13,335		
Nb (ppm)	760		714		597		537		612		
La (ppm)	2,542		2,522		2,214		2,128		2,025		
Ce (ppm)	5,475		5,049		4,477		4,477		4,276		
Pr (ppm)	608		576		519		531		500		
Nd (ppm)	2,264		2,067		1,919		1,961		1,896		
Sm (ppm)	417		376		356		369		361		
Eu (ppm)	21.7		19.6		18.4		19.2		18.6		
Gd (ppm)	326		289		281		283		286		
Tb (ppm)	51.7		45.3		45.4		46.2		46.5		
Dy (ppm)	306		267		268		274		283		
Ho (ppm)	57.8		49.6		50.5		51.2		53.8		
Er (ppm)	160		137		141		143		150		
Tm (ppm)	21.6		18.7		19.1		19.9		21.1		
Yb (ppm)	136		115		120		123		130		
Lu (ppm)	18.5		15.7		16.6		17.1		18.0		
LREE (ppm)	11,306		10,590		9,485		9,467		9,057		
HREE (ppm)	1,099		956		960		977		1,007		
HREE+Y (ppm)	2,544		2,290		2,137		2,298		2,173		
TREE (ppm)	12,404		11,546		10,445		10,444		10,064		
TREE +Y (ppm)	13,850		12,880		11,623		11,764		11,230		
%TREE	1.24	%	1.15	%	1.04	%	1.04	%	1.01	%	

%TREE+Y	1.39	%	1.29	%	1.16	%	1.18	%	1.12	%	
%HREE	8.86	%	8.28	%	9.19	%	9.36	%	10.0	%	
%HREE +Y	18.4	%	17.8	%	18.4	%	19.5	%	19.4	%	
Note; REE TREE LREE HREE Y %HREE+Y %HREE	All elements parts per million (ppm), 10,000 ppm = 1% = 10kg/tonne Rare Earth Elements: La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu (Lanthanide Series). Total Rare Earth Elements: Add La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu Light Rare Earth Elements: Add La, Ce, Pr, Nd, Sm. Heavy Rare Earth Elements: Add Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu. Y not included in HREE due to relatively low value compared to most Lanthanide series HREE. %((HREE+Y)/(TREE+Y)) %(HREE/ TREE)										

Quality Assurance / Quality Control (QA/QC):

Channel samples, 10cm deep and 8cm wide, are cut by gas-powered diamond saw from cleaned outcrops to provide samples for assay and logging/reference. Each channel is cut into two vertical sections, similar to drill core, with a 6 cm thick section (weathering removed) being sent out for assay to Activation Laboratories Ltd. A 2 cm thick section is stored in channel boxes for reference and to provide due diligence/verification samples. The channels are cut perpendicular to strike, pieced together, logged and photographed to produce geological and geochemical sections. These channel samples, or horizontal drill holes, produce the same data as vertical diamond drill holes, except the data is from horizontal geological sections and the collected sample is 6 to 8 times bigger than NQ drill core. Additional 8 cm wide cuts from a channel interval make excellent preliminary metallurgical samples (1m of channel yields about

30kg of sample).

Lithogeochemistry samples, all from bedrock, are collected by Company personnel, bagged and described. Reference samples are also collected for each grab, lithogeochemistry and channel sample. The samples are shipped to Activation Laboratories Ltd. (ActLabs) sample prep facility in Ancaster, Ontario, where they are crushed to 80% -10 mesh and riffled to produce a representative sample. This sample is then pulverized to 95% -200 mesh with the pulverizing mills being cleaned between each sample with cleaning sand. A representative sample is treated by a lithium metaborate/tetraborate fusion and then analyzed by ICP and ICP/MS techniques. Mass balance is required as an additional quality control technique and elemental totals of the oxides should be between 98% and 101%. For QA/QC purposes Search requires duplicates every 25 samples and two Search reproducibility standards every 50 samples. ActLabs analyzes duplicates and splits approximately every 15 samples and also analyses 29 measured standards for QA/QC. To further enhance our QA/QC procedures Search has a program of checking analytical results with other labs to confirm the ActLabs results. ActLabs is a ISO/IEC 17025 accredited laboratory.

Qualified Person:

Dr. Randy Miller, Ph.D., P.Geo, is the Company's Vice President, Exploration, and Qualified Person (as defined by National Instrument 43-101) who has supervised the preparation of and approved the technical information reported herein. The company will endeavour to meet high standards of integrity, transparency, and consistency in reporting technical content, including geological and assay (e.g., REE) data.

About Search Minerals Inc.

Led by a proven management team and board of directors, Search

is focused on finding and developing resources within the emerging Port Hope Simpson Critical Rare Earth Element ("**CREE**") District of South East Labrador (the "**District**"). The Company controls a belt 70 km long and 8 km wide including its 100% interest in the FOXTROT Project, which is road accessible and at tidewater. Exploration efforts have advanced "Deep Fox" and "Fox Meadow" as significant new CREE prospects very similar to and in close proximity to the original FOXTROT discovery. While the Company has identified more than 20 other prospects in the District, its primary objective remains development of FOXTROT. The delineation of additional resources will support competitive-low cost production beyond the 14-year mine life outlined in the FOXTROT PEA (April 2016.) The FOXTROT Project has a low capital cost to bring the initial project into production ($152 M), a short payback period and is scalable due to Search's proprietary processing technology.

The preliminary economic assessment is preliminary in nature and includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized. The preliminary economic assessment includes the results of an economic analysis of mineral resources. Mineral resources are not mineral reserves and do not have demonstrated economic viability.

All material information on the Company may be found on its website at www.searchminerals.ca and on SEDAR at www.sedar.com

About neo-CREOs (Adamas Intelligence – November 2017)

We consider neodymium, praseodymium, and dysprosium to be neo-CREOs and they are vital to NdFeB magnets used widely in renewable power generation, electric mobility, and energy-

efficient technologies. We consider terbium to be a neo-CREO because upon experiencing shortages of dysprosium, consumers in the magnet industry will rapidly consume available terbium supplies in its place for applications involving renewable power generation, electric mobility and energy efficient technologies. Lanthanum is considered a neo-CREO because it is widely used in catalytic converters and rechargeable batteries, and will be increasingly used as a thermal stabilizer by producers of poly-vinyl chloride (PVC) to minimize lead consumption and improve the energy efficiency of PVC and other processing equipment.

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.

Not for distribution to U.S. Newswire Services or for dissemination in the United States. Any failure to comply with this restriction may constitute a violation of U.S. securities laws.

Cautionary Statement Regarding "Forward-Looking" Information.

This news release includes certain "forward-looking information" and "forward-looking statements" (collectively "forward-looking statements") within the meaning of applicable Canadian and United States securities legislation including the United States Private Securities Litigation Reform Act of 1995. All statements, other than statements of historical fact, included herein, without limitation, statements relating the future operating or financial performance of the Company, are forward-looking statements.

Forward-looking statements are frequently, but not always, identified by words such as "expects", "anticipates",

“believes”, “intends”, “estimates”, “potential”, “possible”, and similar expressions, or statements that events, conditions, or results “will”, “may”, “could”, or “should” occur or be achieved. Forward-looking statements in this news release relate to, among other things, technical results from the Company’s drilling program and closing of the Offering. Actual future results may differ materially. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Forward-looking statements reflect the beliefs, opinions and projections on the date the statements are made and are based upon a number of assumptions and estimates that, while considered reasonable by the respective parties, are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors, both known and unknown, could cause actual results, performance or achievements to be materially different from the results, performance or achievements that are or may be expressed or implied by such forward-looking statements and the parties have made assumptions and estimates based on or related to many of these factors. Such factors include, without limitation, the risk that the Company is not able to find suitable investors for the Offering or does not receive the approval of TSX Venture Exchange. Readers should not place undue reliance on the forward-looking statements and information contained in this news release concerning these times. Except as required by law, the Company does not assume any obligation to update the forward-looking statements of beliefs, opinions, projections, or other factors, should they change.