

Trading Symbol: SSE – TSX Venture

www.silverspruceresources.com

May 2017

# SILVER SPRUCE – Kay Mine Project - Arizona

## VMS Deposit – Estimated Indicated Insitu Resource of 6.4 million tons - With Potential of 20+ Million Tons

### Kay Mine Project

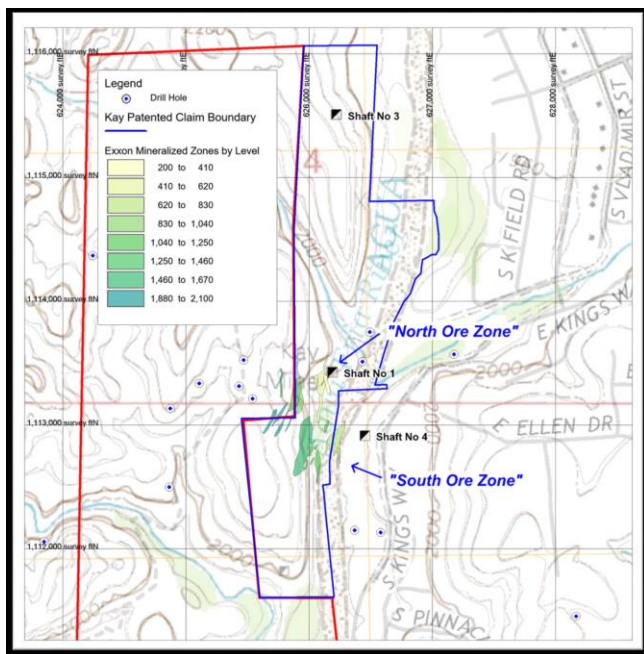
The Kay mine project is located in Yavapai County, Arizona, immediately west of Black Canyon City. The Kay Mine is a Proterozoic copper- zinc-lead volcanic massive sulfide deposit with silver and gold credits. Mineralization was discovered prior to 1900. Known mineralization occurs in two lenses of massive sulfide (North & South Zones) extending from the surface to at least 2100 feet in depth.

The property consists of 470.84 acres of which 70.84 are patented claims. Production from shaft #1 began before 1916. Intermittent production from Shaft #1 and Shaft #4 continued intermittently until 1956. These shafts are currently inaccessible.

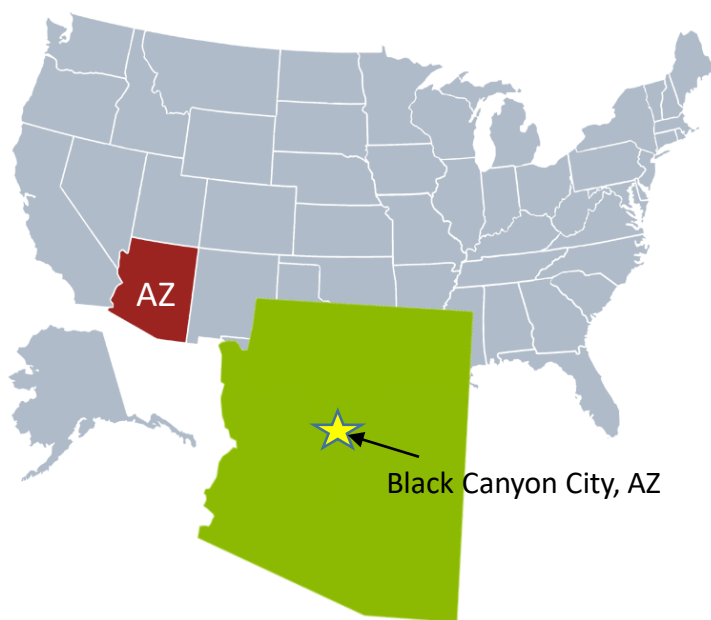
The property was acquired in 1972 by Exxon Minerals (a subsidiary of Exxon Petroleum). Between 1972 and 1982 Exxon conducted extensive exploration consisting of geologic mapping, sampling, ground and airborne geophysics and drilling. Exxon drilled 23 core and rotary holes totalling 26,554 feet.

After review of Exxon reports (see Note 1) , Silver Spruce estimates there to be an indicated resource containing 6.4 million short tons at a 2% copper cut off and an estimated average grade of 2.2% copper, 3.03% zinc, 0.082 ounces of gold per ton, and 1.6 ounces per ton silver (1.65 million oz Au equivalent\*). The estimate was made using assay data from historic mine level plans and Exxon drill hole intercepts. The Qualified Person for Silver Spruce has not conducted sufficient work to definitively classify Exxon's resource estimate to be compliant with NI-43-101 resource definitions and additional drilling is required to verify.

Exxon geologists repeatedly state in their documentation that considerable upside remains as the project has not been fully explored and the known deposits are open downdip and potentially along strike.

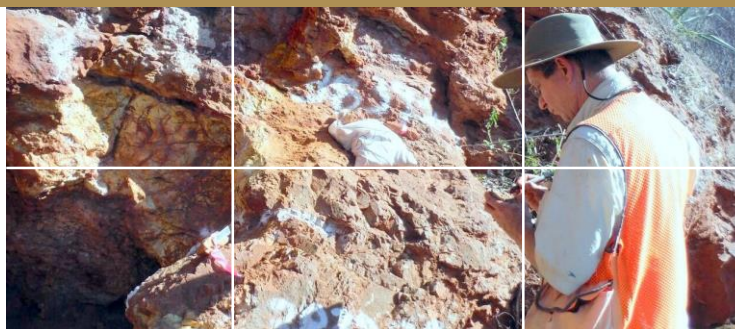


**Figure 1: Patented Claim boundary (blue) in relation to Exxon resource envelopes (colored by depth). North and South "Ore Zones" denote the two zones of mineralization defined by Exxon. Area outlined in red is BLM ground.**



**Figure 2: Kay Mine Project Location within Arizona, U.S.A.**

Note 1: References – Conklin 1956, Fellows 1982, Glass 1967, Mattinen 1984, Mattinen 1984, Westra 1977  
\*Au Equivalent calculated using: \$2.63 lb Cu, \$1.24 Zn, \$18.22 Ag, \$1249.22 Au : (Commodity Price Source: Kitco.com – March 31, 2017)



Trading Symbol: SSE – TSX Venture

Website: [www.silverspruceresources.com](http://www.silverspruceresources.com)

**EXPLORATION PLAN 2017**

The Kay Mine is an advanced exploration project with potential of greater than 20 million tons of massive sulfide ore according to Exxon Mineral Company reports (See Note 1). The Company’s exploration program for 2017 consists of mapping, sampling, geophysics, and drilling. Upon completion of this work, Silver Spruce will endeavour to create a NI 43-101 compliant resource report on the property.

SHARE STRUCTURE (as of 04 / 30 / 17)	
Listing	TSXV: SSE
Shares Outstanding	45,414,571
Warrants	19,345,153
Options	3,200,000
Shares Fully Diluted	67,959,724

Note: Board & Management currently control approx. 10% of the fully diluted shares

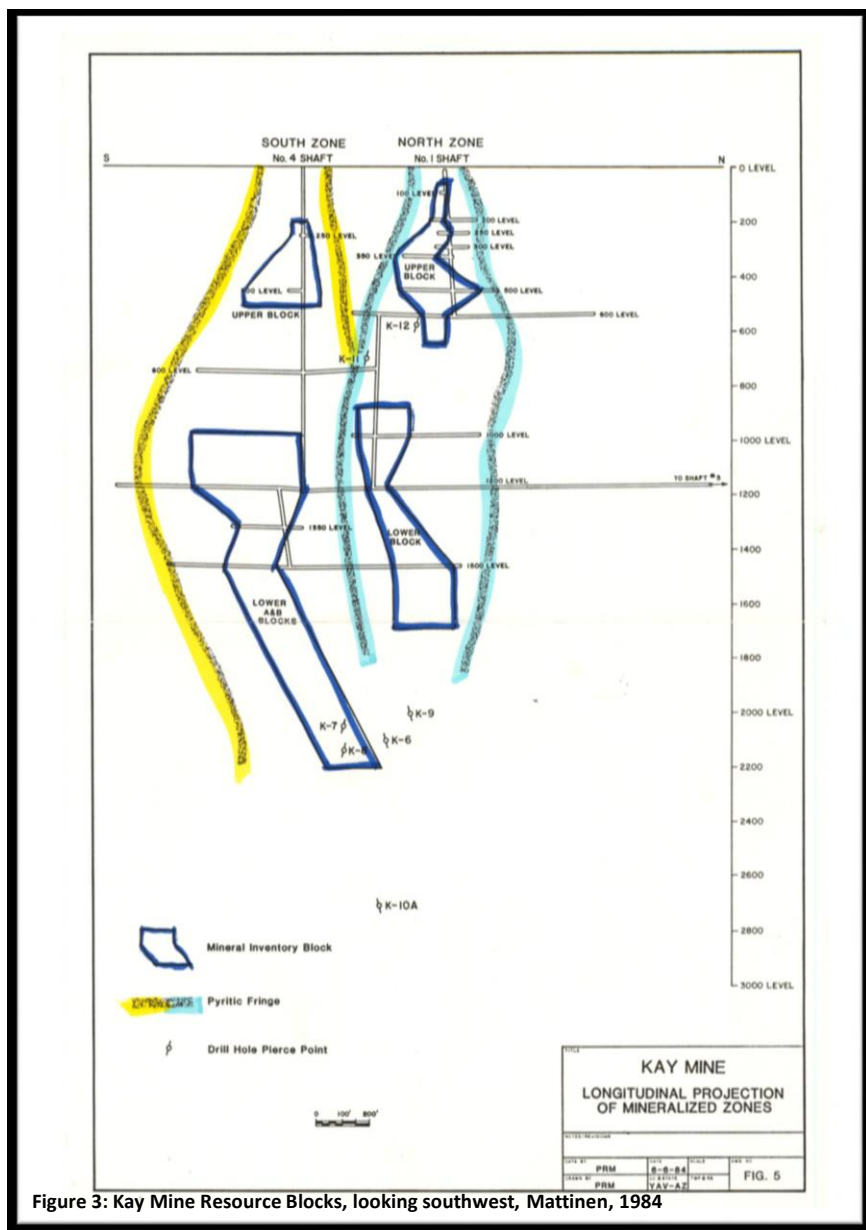


Figure 3: Kay Mine Resource Blocks, looking southwest, Mattinen, 1984

**KEY MANAGEMENT**

**Dr. Brian Penney PhD, DIC, P. Eng.**  
Board Chairman

**Karl J. Boltz, B. Sc.**  
President & CEO - Director

**Gordon Barnhill**  
CFO and V.P. Corporate Affairs and Director

**Leonard J. Karr, P. GEO**  
Consulting Geologist and KayMine Project Manager

**Art Brown - Director**

**Brad Donovan - Director**

**Kenneth MacLeod – Corporate Finance**

**CORPORATE OFFICE:**  
Silver Spruce Resources Inc. Suite 312  
197 Dufferin St. Bridgewater, Nova Scotia  
Canada B4V 2G9

**CORPORATE INQUIRIES:**  
Toll Free: 1 (866) 641-3397  
E-mail: [info@silverspruceresources.com](mailto:info@silverspruceresources.com)

**INVESTOR INQUIRIES:**  
Ian McGavney  
Tel: 1 (506) 721-6874  
E-mail: [imcgavney@silverspruceresources.com](mailto:imcgavney@silverspruceresources.com)

**FORWARD LOOKING STATEMENT** Certain information regarding Silver Spruce Resources Inc. ("the Company") contained herein may constitute forward-looking statements within the meaning of applicable securities laws. Forward-looking statements may include estimates, plans, expectations, opinions, forecasts, projections, guidance or other statements that are not statements of fact. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. The Company cautions that actual performance will be affected by a number of factors, many of which are beyond the Company's control, and that future events and results may vary substantially from what the Company currently foresees. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration results, continued availability of capital and financing and general economic, market or business conditions.