

Northern Sphere Mining Corp. Identifies High Grade Mineralization Potential, including 35% Zinc and 963 grams Silver over 1 Metre on its Wholly Owned Nevada Property

Toronto, Ontario - September 18, 2018 – Northern Sphere Mining Corp. (“Northern Sphere” or the “Company”) (CSE: NSM, OTCQB: NSMCF) is pleased to provide an update on its Lone Mountain Nevada Property (“Lone Mountain”). Located 24 kilometers west of the mining town of Tonapah, Nevada (Figure 1), Lone Mountain displays encouraging early polymetallic assay results. Following a review of historical reports, including a 2011 report by the Nevada Bureau of Mining and Geology, Northern Sphere has determined that the property holds significant exploration targets. Three possible ore deposit models are being scrutinized. The geologic models tabled for evaluation are:

- 1) Polymetallic replacement
- 2) Porphyry molybdenum, also possible copper or copper-molybdenum
- 3) Tertiary epithermal silver-gold (north of area)

Estimates contained in Figure 1 use categories other than CIM definitions for mineral reserves and resources. Mineralization hosted on the deposits in Figure 1 is not necessarily indicative of the mineralization that may be hosted on the Company’s property. Northern Sphere has contracted Goldeni Investment Intelligence to complete a NI 43-101 technical report on Lone Mountain. The 2011 report by the Nevada Bureau of Mining and Geology includes geochemical assay results (from both grab samples and over a 1 metre-wide mineralized quartz vein as disclosed under the Comments heading) (Table 1) that highlight the potential for a significant porphyry style deposit.

Figure 1. The Lone Mountain Nevada Property, 24km west of Tonopah, Nevada and 8 km south of U.S. Highways 95 & 6 in the Lone Mountain mining district.

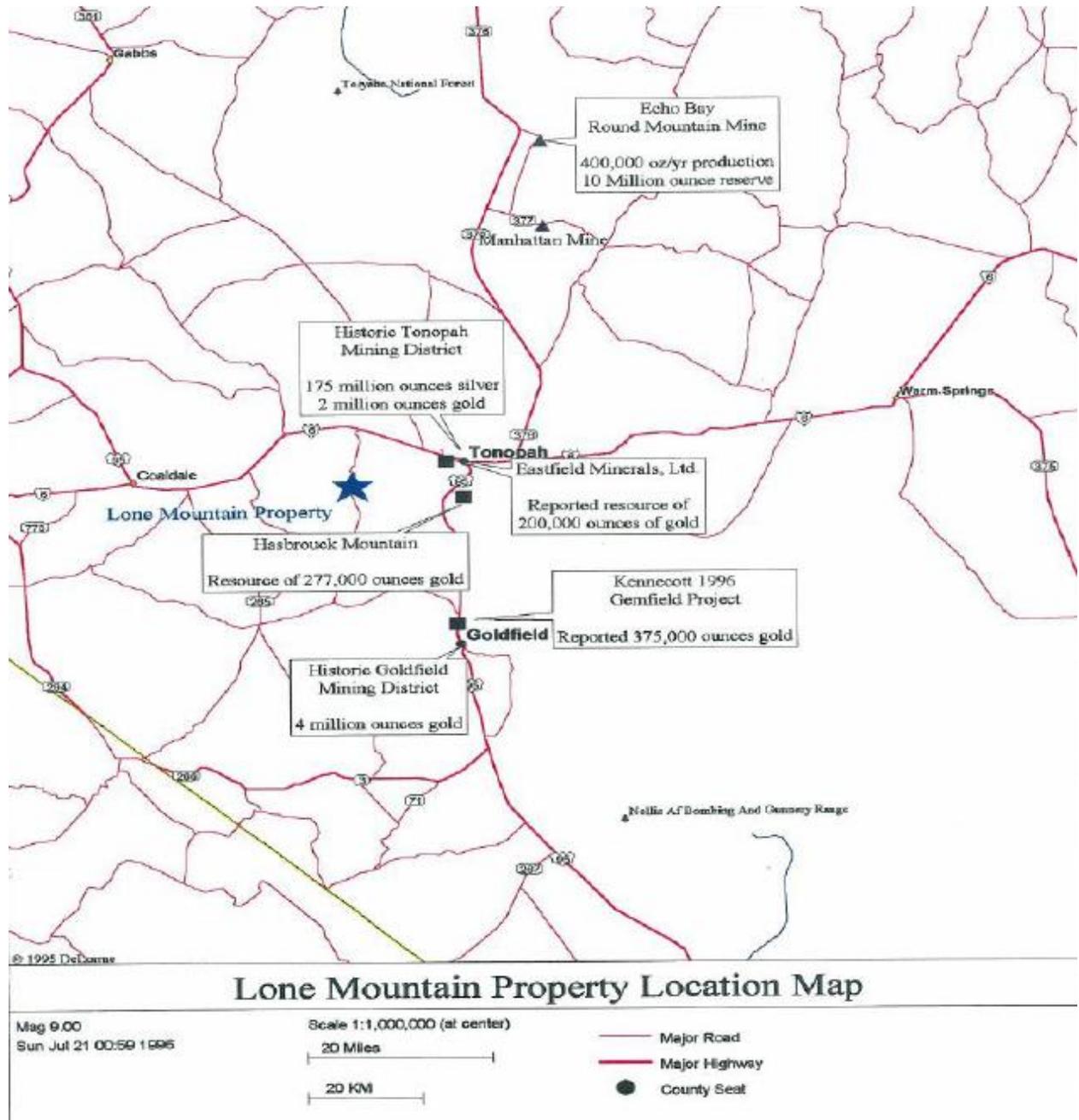


Table 1. Geochemical anomalies of lead-zinc-silver mineralization present as replacement bodies along fracture zones in carbonate rocks of the Reed Dolomite and Deep Spring Formation in the area.

TABLE 1														
NBMG Bulletin 96														
Geochemical Reconnaissance – Lone Mtn Area														
Sample	Au	Ag	Pb	Bi	Sb	Cu	W	Zn	Hg	As	Mo	Ba	Mn	Comment
	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	
GC90	0.01	0.35	10	0.227	21.0	11	1.1	27	240	303	11	1963	351	Granite-Harkless? Fm contact, qtz veins
GC93	1.35	982	2,770	0.961	811	1660	1.0	257	60	8.6	0	0	50	Qtz vein in Harkless? Fm, FeO & CuO
GC94	3.59	54.9	61,100	0.297	16.4	2790	2.7	71,400	1,740	17.2	2	140	742	Oxidized Cu-Pb vein in Reed Dolomite
GC95	0.167	6.15	47	0.187	3.5	55	0.0	86	55	191	3	133	115	Qtz vein at granite-Harkless? Fm contact
GC96	0.015	0.34	29	0.274	0.12	13	1.0	41	55	105	8	220	60	Qtz vein at granite-Harkless? Fm contact
GC97	0.035	6.03	42	0.458	10.4	20	0.3	62	85	141	6	198	5,130	Greisen zone, granite-Harkless? Fm contact
GC98	0.082	720	29	1.47	526	20	1.1	150	25	137	3	136	70	Qtz vein, granite-Harkless? Fm contact, tetrahedrite
GC99	0.003	1.41	61	0.147	1.30	7	1.3	48	35	105	4	173	2,230	Qtz vein, Deep Spring Fm
GC101	5.36	40.4	7,150	0.156	44.6	1610	0.0	9,300	870	8.2	1	55	1,560	Chalcedonic qtz vein, galena, py, CuO
GC103	1.79	16.8	201	36.6	0.80	194	6.7	4,200	350	50.9	11	370	267	Select dump sample, limonite boxworks, Wyman Fm
GC104	5.10	25.2	16,600	28.4	2.9	77	9.3	1,220	1,140	3,230	16	19	25	Gossan from vein in Reed Dolomite
GC114	0.050	2.50	83	21.9	8.72	410	45.9	990	285	691	17	0	457	Gossan from fault in Reed Dolomite
T184g	0.959	527	8,200	6.63	899	4,800	1.3	10,800	319	38.1	12	0	174	Dump sample, qtz vein w/sulfides, Reed Dolomite
T245g	0.01	0.15	31	0.091	0.20	39	0.0	19	35	1.1	3	482	164	Backgrd sample, granite of Lone Mtn
T246g	0.023	45.0	19,900	0.528	1.61	75	4.0	1,260	100	572	2,800	106	181	Qtz vein, sulfide, Reed Dolomite
T247g	0.017	1.21	105	2.33	0.50	14	0.9	1,000	45	4.9	6	419	166	30 m zone, silicified rhyolite porphyry dike and Reed Dolomite
T247ga	ND	0.14	15	0.139	0.05	11	0.1	25	25	17.2	4	546	829	30 m zone, silicified rhyolite porphyry dike and Reed Dolomite
T247gb	0.003	0.18	9	0.188	0.86	12	0.6	6	79	15.1	6	121	80	30 m zone, silicified rhyolite porphyry dike and Reed Dolomite
T248g	2.50	267	16,000	0.112	14.4	2,610	1.7	8,710	160	168	76	0	758	Copper oxide, qtz vein in Reed Dolomite
T249g	0.042	4.94	101	3.33	0.32	104	27.6	54	25	336	29	104	176	Qtz vein in Harkless Fm
T250g	0.010	0.26	50	0.283	1.33	16	7.6	33	110	138	3	314	2,390	Boxworks in brecciated limestone
TABLE 1 (cont)														
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	g/t	g/t	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	
T251g	0.197	363	23,500	6.15	25.6	4,200	3.6	348,000	7,280	1,121	10	70	502	1 m wide mineralized zone in Deep Spring Fm carbonate
T252g	0.985	22.5	7,030	0.320	3.62	451	1.9	5,190	145	27.4	10	174	331	Sulfide, 1 m wide qtz vein in Wyman Fm
T253g	0.015	4.19	3,970	0.302	0.38	39	0.0	440	294	156	217	171	28	Sulfide, 1 m wide qtz vein in Wyman Fm

1 ppm = 1 g/ton = 0.029 oz/ton

Source: Nevada Bureau of Mining and Geology

Assay number T251g (outlined in Table 1, taken by Bonham & Garside The Nevada Bureau of Mining and Geology) included 35 % zinc, 363 g/t silver, and 4,200 ppm copper on a 1-meter wide vein at surface. Other assays show continuity over a significant area. The amount of cobalt, platinum, and palladium are currently unknown without further exploration, but all elements are expected to be present in some amount.

The Company intends to complete an exploration program that will include a review of all historic data, surface reconnaissance, mapping and sampling to confirm historic findings and direct future programs to help define the potential of these mineralized prospects and the best way to advance the property. Given its location relative to major companies, such as Newmont and Kennecott, the Company believes that it can obtain the necessary data to complete a NI 43-101 technical report quickly.

“This is an exciting new development for the Company that compliments its other high potential properties in Sudbury and Arizona,” states A. John Carter, Chief Executive Officer of Northern Sphere. “The Lone Mountain Nevada Property is located in a prolific mining jurisdiction with all the infrastructure required to explore, develop, and produce at reasonable cost and within a short timeframe.”

Qualified Persons

Ron Wortel P.Eng. an independent Qualified Person as defined by NI 43-101, has reviewed and approved the contents of this news release on behalf of the Company. Given that the 2011 report by the Nevada

Bureau of Mining and Geology was authored by a U.S. government agency, the 2011 report has not been independently verified. However, Mr. Wortel will be providing consulting services to the Company for the preparation of the NI 43-101 Technical Report on the Company's Nevada Properties through his personal consulting company Goldeni Investment Intelligence .

About Northern Sphere Mining Corp.

Northern Sphere is dedicated to growth through the acquisition and development of mining assets with an emphasis on gold, silver and copper. In efforts to expedite and optimize mineral targeting on its assets, the Company is employing cutting-edge exploration technologies to generate robust mining projects. Headquartered in Toronto, Ontario, Northern Sphere has a strong project pipeline of properties with a focus on gold, silver and other metal production in pro-mining jurisdictions.

Cautionary Statements

This press release contains forward-looking statements which reflect Northern Sphere's current expectations regarding future events. The forward-looking statements involve risks and uncertainties. Actual results could differ materially from those projected herein. Northern Sphere disclaims any obligation to update these forward-looking statements other than as required by applicable securities laws.

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The Canadian Securities Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.