FOR IMMEDIATE RELEASE

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Orsu Metals demonstrates up to 89% recovery from initial metallurgical tests on primary sulphide material at the Klyuchi West zone, Sergeevskoe Gold Project, Russia

Orsu Metals Corporation (TSX-V: OSU) (“Orsu” or the “Company”) is pleased to announce additional metallurgical test results on a primary sulphide sample (WK18-1) from Klyuchi West prospect at the Sergeevskoe Gold Project in Russia. Positive cyanidation test results for oxide samples from Adit 5 (85.17% to 95.3% recovery) and Kozie (91.72% to 92.32%) prospects were announced on March 12, 2018. The 2018 drill holes and trenches were completed within a 1 sq km area in the southeast of the Sergeevskoe license at Zone 23, Adit 5, Klyuchi West and Kozie prospects, with scout holes drilled at the Sergeeva and Peak Klyuchi prospects.

Highlights:

- Sample WK18, grading 1.4 g/t Au, showed an 85.8% recovery of gold using the gravity-flotation scheme with cyanidation.
- A total 89% of gold can be recovered after additional cyanidation of crushed gravity cakes.

Dr. Alexander Yakubchuk, Director of Exploration of Orsu commented: “Our first metallurgy tests for the primary mineralization sample from the Klyuchi West prospect achieved 85.8% to 89% recoveries of gold with cyanidation in gravity-flotation scheme. This result is consistent with historically achieved recoveries at the nearby Klyuchevskoe gold mine. Orsu is conducting additional metallurgy tests on samples for the Zone 23 and Adit 5 prospects.”

Dr. Sergey V Kurzin, Executive Chairman of Orsu commented: “Concurrently with establishing a maiden resource at Sergeevskoe property, Orsu is conducting an extensive metallurgical testing program. The Company earlier reported excellent recoveries from cyanidation tests for oxide samples from Adit 5 and Kozie prospects ranging between 85% to 95% recoveries (see press-release dated 12 March 2018). We are now pleased to see the positive results of the initial metallurgy test results on the sulphide mineralization from the mineralization of the Klyuchi West zones. We are encouraged by achieved gold recoveries, which represent only initial standard tests, which have to be optimized further.”

The license of the Sergeevskoe Gold Project occurs immediately east from the Aleksandrovske open pit and gold plant owned by Zapadnaya Gold Mining Ltd
and to the west from the Klyuchevskoe gold license owned by Sun Gold Mining (Figure 1). The Klyuchevskoe (Klyuchi) gold deposit represents a +6 Moz gold endowment (see Orsu press-release dated September 21, 2016). Orsu owns a 90% interest in the Sergeevskoe Gold Project (see press release December 1, 2017).

As part of its 2018 exploration works, Orsu collected sample WK18-1, consisting of visually unoxidized rock fragments, 100 mm in size and smaller. The intrusive rocks contain chaotically-oriented veinlets in voluminous gold-mineralized stockwork at the Klyuchi West prospect (see press release August 8, 2018). The tests included studies of chemical and physical properties, gravity and flotation beneficiation, as well as bottle roll cyanidation of gravity, flotation and gravity-flotation concentrates. The study was conducted at the Irgiredmet Institute (“Irgiredmet”) in Irkutsk, Russia, which is specialized in conducting the metallurgy tests and is independent from Orsu.

Sample WK18-1 (175.7 kg) was collected from drillcore of four holes, drilled at Klyuchi West (Fig. 1) as part of the 2018 exploration program. Mineralogical analysis identified that rocks consist of hydrothermally altered granite with numerous quartz-tourmaline veinlets with minor (0.8%) sulphides, mostly pyrite and rare chalcopyrite and arsenopyrite. Mineralogical analysis identified free gold (32%), with 95.9% of gold in <0.1-millimetre ("mm") fraction (Figure 2). Irgiredmet assayed 1.4 g/t Au, with 0.352% S_{total}, 0.35% S_{sulfidic}, 0.42% C_{total}, 0.017% As, 0.0074% Sb and <1 g/t Ag, indicating absence of detrimental elements. The oxidation state of sample is 38%. Microanalysis of gold grains revealed 87.6–
93.7% Au and 7.3–12.4% Ag. Mineralogical analysis estimated 84.8% of gold in amenable to cyanidation form.

Physical properties

In sample WK18-1, Irgiredmet measured a specific gravity of 2.67 t/m³. The measured Bond index (BWi) is 18.6 kWt*h/t.

Figure 2. <0.1 mm gold grain present with pyrite (FeS₂), arsenopyrite (FeAsS), galena (PbS), with minor sulfosalt (Sb-Cu-Zn-(As)-(Fe)-S) in gravity concentrate (-1.6 + 0.1 mm). Polished section in secondary electrons, Camebax SX-50, Irgiredmet.

Gravity and flotation tests

GRG-test of WK18-1 sample using Knelson KC-MD-3 concentrator recovered 52.9% of gold, with 1.06% yield of gravity concentrate grading 83.9 g/t Au. The flotation study of gravity tailings produced a 69.8% recovery of gold into a 16.1 g/t Au concentrate (3.1% yield) and 0.19 g/t Au in tailings.

Flotation tests of WK18-1 sample were conducted on 95% grinding to -0.071 mm class, with 79.6% of gold recovered into flotation concentrate (with 6.9% yield), grading 14.5 g/t Au. The 65% grinding to -0.071 mm class demonstrated a 78% of gold recovered into flotation concentrate (with 5.8% yield), grading 17.8 g/t Au. In both cases, the concentration of gold in flotation tailings is 0.24 g/t. This demonstrates that gold recovery is not critically dependent on the quality of grinding.

Cyanidation tests

Direct cyanidation of WK18-1 sample demonstrated an 80% recovery of gold during 24 hours.

Cyanidation of the specially prepared gravity concentrate, grading 63 g/t Au, recovered 82.6 to 85.7% of gold during 24 hours. Additional cyanidation of crushed gravity cakes resulted in a total of 89% recovery of gold. Cyanidation of
the 0.8 g/t Au gravity tailings recovered 78.2% of gold, with 0.19 g/t Au remaining in tailings.

Cyanidation of the specially prepared flotation concentrate, grading 18 g/t Au, recovered 79.82 to 80.65% of gold during 24 hours, with 0.19 g/t Au reporting into flotation tailings. The cyanidation of the tailings showed 66.7% recovery of gold.

The study by Irgiredmet showed that 85.8% of gold can be recovered using the gravity-flotation scheme with cyanidation.

**Qualified Person**

This release and the technical data reported have been reviewed and approved by Alexander Yakubchuk, Director of Exploration of the Company, also a Qualified Person as defined in NI 43-101.

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