

Stock Data

Share Price: 9.25p
Market Cap: £29.00m
Shares in issue: 313.54m
52 week high/low: 15.00p/2.50p

Company Profile

Sector: Gold Mining
Ticker: OMI
Exchange: AIM, TSX-V

Activities

Orosur Mining Inc. ('Orosur', 'the Group', 'OMI') is an international explorer and developer of high-quality mineral assets in key jurisdictions.

Company website: www.orosur.ca/

5-year share price performance



Source: [LSE](#)

Past performance is not an indication of future performance.

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Orosur Mining Inc.

Orosur has released assay results from five more holes at its Pepas and North Pepas prospects. These provide further strong intersections, add substantially to the geological understanding of the underlying body and open potential for additional extensions. While continuing to expand the overall footprint, the Group has also commenced preliminary technical studies to examine potential development options for the gold mineralisation defined to date. Although the Board does not have a current plan to move Pepas to a Mineral Resource Estimate ('MRE'), or to commence formal feasibility studies, such efforts will enable it to better understand the optionality of its prospects and to map out work programs for further exploration. Findings from this exercise, along with externally commissioned 3D modelling of the mineralisation, are expected in the coming weeks. Meanwhile, initial results from the El Cedro prospect, which lies to the south of the same integrated licence that hosts both Pepas and APTA, has also produced some encouraging high-grade soil anomalies with substantial areas of over 0.3g/t Au, including some samples in excess of 1g/t Au and 0.5% Cu. Having closed an oversubscribed CAD\$6.0m* (gross) Brokered Private Placement on 27 March, the Group's cash balance totalled US\$5.57m* as of 28 April. This provides Orosur with more than a 12-month forward runway in expectation of its continuing focus on the three prospects within the Anzá Project, while also progressing its early-stage development at the El Pantano gold/silver exploration project in Santa Cruz province, Argentina.

*CAD\$=£0.5384=US\$0.7266

Drill results now also extend into Pepas North intersect halo

Drilling at Pepas (post transaction) has largely concentrated on a small central core, where a body of high-grade gold mineralisation is being defined from surface. Pepas North was identified as an area of potential several hundred metres to the north of Pepas, by virtue of a number of highly anomalous rock chip and channel samples.

Latest drill Intercepts, Pepas and Pepas North

Hole Number	From (m)	To (m)	Interval (m)	Au (g/t)
Pepas				
PEP033	0	21.3	21.3	5.88
including	0	7.25	7.25	12.74
including	15.6	17.5	1.9	11.19
PEP034	0	8	8	0.87
	36	95	59	10.15
including	47.1	71.15	24.05	14.47
including	82.1	89.8	7.7	14.21
PEP035	0	11.4	11.4	2.71
including	5.2	10.1	4.9	4.37
Pepas North				
PEP036B	0	40.45	40.45	0.62
including	8.4	22.2	13.8	1.24
including	8.4	12.4	4	2.36
PEP037	0	3	3	0.65
	97.4	111.7	14.3	0.32

Source: Orosur, [RNS of 28 May 2025](#)

Pepas identifies further high/extremely high-grade mineralisation plus potential extensions

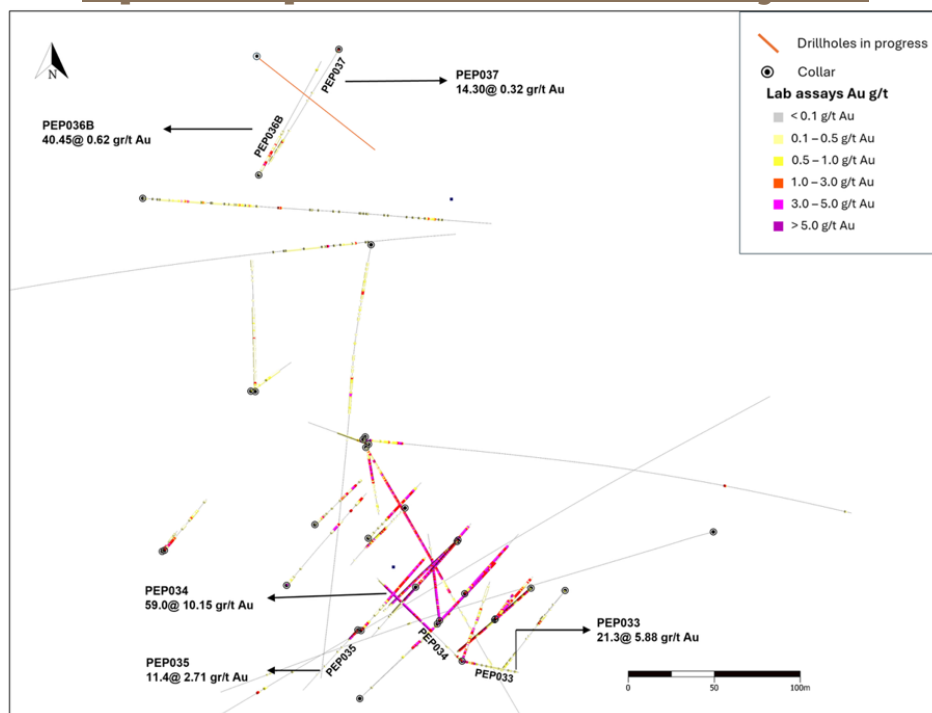
- **Hole PEP033:** Was drilled at the southern extent of Pepas, to gradually extend mineralisation in this direction. A thick intersection of high-grade mineralisation (21.3m @ 5.88g/t Au) was identified from surface, suggesting potential for extension of Pepas toward the south that will require follow-up.
- **Hole PEP034:** Was drilled internal to the existing Pepas mineralised body, but orthogonal to previous drilling, and sub parallel to the Tesorito South fault, to test continuity of mineralisation from section to section and to assist in future resource modelling. A thick intersection of extremely high-grade mineralisation (59m @ 10.15g/t Au) was identified, adding substantially to the geological understanding of the Pepas body.
- **Hole PEP035:** Was drilled in the centre of Pepas, but toward the west, outside the previous mineralised envelope, to test the depth extension of previous surface mapping. The positive response from this hole has opened up the potential for additional extensions in this direction.

Pepas North holes potentially suggestive as marginal to a more mineralised system

Samples originally collected from Pepas North, while highly anomalous, contained little geological or orientation contextual information, and thus initial drilling here was unguided:

- **PEP0336 and PEP037:** The two holes were drilled as a scissor pair underneath previously defined geochemical anomalies. Both intersected thick sequences of highly altered and silicified tuffs, with moderate gold mineralisation similar in nature to the lower grade halo zones identified around Pepas to the south. This is suggestive that the holes are potentially marginal to a more mineralised system. Both also intersected numerous structurally complex zones, with some indication of having been drilled sub-parallel to the controlling strike. A third hole, PEP038 has been collared orthogonal to these first two holes to provide additional structural and lithological information. Once complete, the rig will move back to Pepas, to allow time for full multi-element geochemical analysis to be completed on these three holes that, in conjunction with airborne magnetics and surface sampling, may be of assistance in vectoring and targeting of later exploration and drilling activities.

Pepas and Pepas North Plan of Latest Drilling Holes



Source: Orosur, [RNS of 28 May 2025](#)

Pepas: Geological modelling and preliminary economic assessment

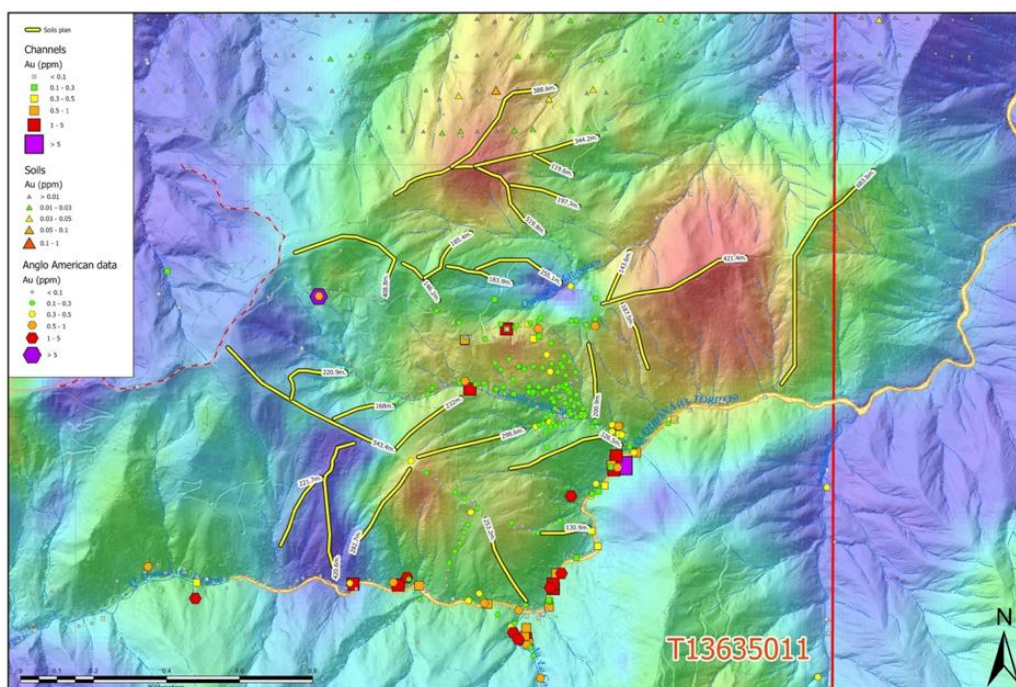
Orosur's Board is confident that the nature of the gold mineralisation defined at Pepas to date has potential to underpin a range of development options. Preliminary technical studies are being commenced internally to gain a better understanding of this optionality and to map out work programs to further explore and advance these options. Although no decision has been taken at this stage to move the prospect to an MRE, or to commence formal feasibility studies, the Group has commissioned external consultants to carry out 3D modelling of body of mineralisation as it currently stands. The purpose of this being to compare and contrast with the modelling work carried out by Orosur's own geologists, with a view to determining if a MRE can be developed and if so, to formulate a drilling plan to facilitate this. Results are expected to become available several weeks from now.

Studies that have already been completed produced positive results. At the end of February 2025, a bulk composite sample of Pepas mineralisation was sent to a metallurgical laboratory in Canada for the first phase of metallurgical testing. This was designed to provide guidance and parameters for future feasibility related metallurgical work and not to be representative of the entire body of mineralisation. Although somewhat rudimentary in design, it principally tested for the existence of potentially deleterious elements and to carry out a basic recovery that could be used to guide later assessments. The outcome confirmed no deleterious element issues had been identified and that an 88% Au recovery could be achieved by simple cyanide leaching at a coarse grind of 120 microns. More substantial metallurgical studies will be required in future if the project advances.

El Cedro - Early assays deliver highly anomalous results

Orosur's ambition is to be able to confirm that El Cedro does indeed comprise part of a large regional gold porphyry system. It began a large soil sampling program back in March, concentrating on previous phases that had been carried out by Anglo American and its previous JV partner; Minera Monte Aguila ('MMA'), while expanding the scope with ridge and spur soil sampling over a 2km x 2km area. Early results have been encouraging, showing highly anomalous results over large areas along the eastern flank, with substantial areas of over 0.3 g/t Au in soils, including some samples in excess of 1 g/t Au and 0.5% Cu. Noting that, as a rule of thumb gold content of soils is found to be several orders of magnitude lower than the underlying rock, suggest this number is very high indeed, especially over such a large area.

El Cedro Sampling – Historical and Planned – Over Airborne Magnetics

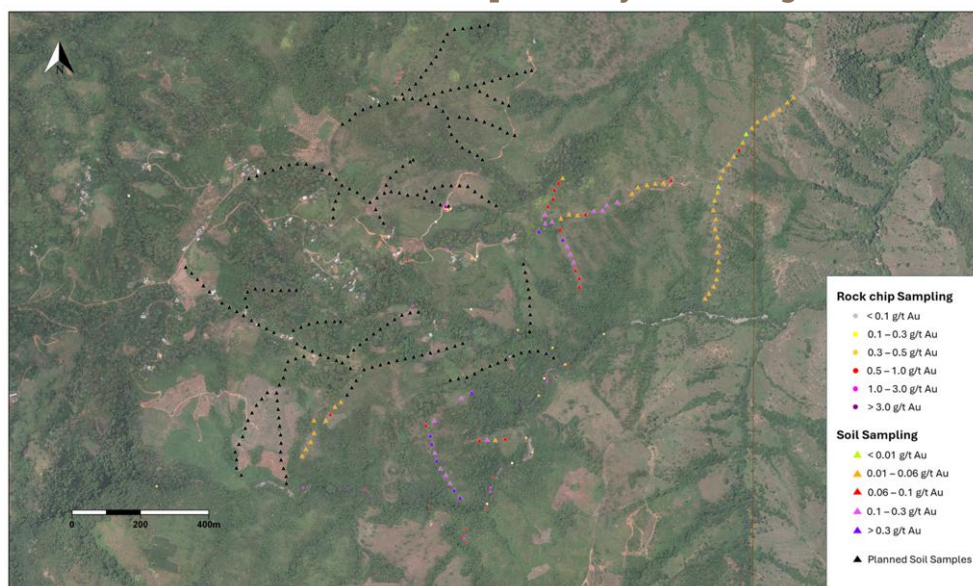


Source: Orosur, *RNS of 28 May 2025*

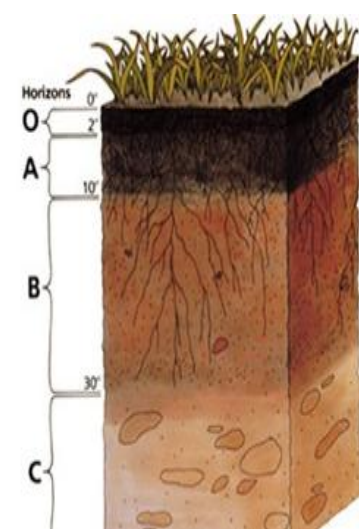
Initial exploratory work in the area began some years prior to the Group's tenure, when Anglo American undertook reconnaissance mapping and sampling. In the process it identified what was considered to be a highly prospective gold/copper porphyry system. Despite this, little additional work was undertaken on the prospect until late 2021, when MMA re-entered the area to carry out mapping, sampling and ground geophysics; this new work largely confirmed Anglo American's earlier assessment and went on to map several large dioritic intrusions and associated epithermal systems. Sampling was limited to creeks and drainage areas, and several small areas in the centre of the zone. Wide areas of gold anomalism were identified in soils and channel samples, with assays above 5g/t Au identified across a large area, with associated copper and molybdenum anomalism. Older airborne magnetic data suggests the presence of a large intrusive complex demonstrating a 'ring' structure, often seen in such environments.

Originally expected to take roughly 2 months to complete and planned to cover most of what was thought to be the extent of the system, samples were taken at roughly 25m intervals, along ridges and spurs for ease of access and to ensure soils were residual. Subsequent heavy rains and associated landslides, however, have more recently prevented access to the site, meaning that just c.28% of the program being completed to date, largely on the eastern margin of the prospect. Local authorities are working to repair the roads, but it is expected that access for its teams may not be re-established for some weeks.

El Cedro Soil Sample Assays and Progress



Typical Soil Horizons



Source: Orosur, [RNS of 28 May 2025](#), [Soil Science Society of America](#)

Most soils have three major horizons (A, B, C) and some have an organic horizon (O), as illustrated above. Orosur has taken soil samples at El Cedro's interface between the B and C soil horizons, as clays in the C horizon act as collectors for mobile metal ions. A wider area needs to be sampled to more accurately define the background levels.

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