



# TELLUR

## Group of Companies

*Established 1992*

### Geophysical, geochemical and geological exploration for minerals

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### Reference list

**TELLUR** is a group of Russian companies carrying out geophysical, geochemical and geological exploration. TELLUR includes three interrelated companies:

**“Tellur SPb” LLC** (*former JSC; 1<sup>st</sup> of 3 companies, established in 1992*),

**“Tellur Nord-West” LLC,**

**“Tellur North-East” LLC.**

These are service companies for solving various problems of mineral exploration for precious, base and rare metals, diamond-bearing kimberlite pipes and other kinds of mineral commodities with the use of innovative high-level exploration technologies, developed or updated and used by our specialists.

The main service we provide is on-ground geophysical, geochemical and geological exploration for minerals in Russia and other countries. For many years, we have been working with well-known mining and exploration companies. There are Clients which we provide with our mineral exploration services year after year.

List of the geophysical, geochemical and geological exploration projects, implemented by TELLUR during 2007-2016, is given in the table below.

We are ready to take part in new mineral exploration projects and do our best for Clients in Russia and over the world.

General Director  
“Tellur SPb” LLC

Alexandr ROKITYANSKIY

General Director  
“Tellur Nord-West” LLC

Konstantin BLINOV

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“Tellur North-East” LLC

Aleksei MARCHENKO

20 February 2017

### Geophysical, geochemical and geological exploration projects implemented by TELLUR Group of Companies 2007-2016

Year	Client	Minerals	Exploration project	Types and amounts of works
2016	Berezitovy rudnik LLC (Nordgold, Russia)	Au	Exploration for gold in Khaikta area, Tynda district, Amur region, by means of complex use of the geochemical, geophysical and geological techniques	Stream sediment sampling (4.6 samples/km <sup>2</sup> ), water and heavy concentrate sampling (0.6 samples/km <sup>2</sup> ) – 226.5 km <sup>2</sup> ; Soil geochemical sampling (100 x 100 and 200 x 200 m) – 7829 samples, Magnetic survey (step 5 m) and IP electrical prospecting (step 20 m) – 186 linear km, IP electrical soundings – 5.04 linear km; Geological prospecting routes – 125.8 linear km; Chip and grab rock sampling – 874 samples; Trench description and channel sampling – 220 linear m.
2016	Omolon Gold Mining Company LLC (Polymetal International plc, Russia)	Ag, Au	Geophysical exploration in Tumaninskaya area, Magadan region	Magnetic survey (100 x10 m) – 28 km <sup>2</sup> , IP electrical prospecting (200 x 20 m) – 28 km <sup>2</sup> , IP electrical soundings – 8 linear km.
2016	Vostok Engineering LLC (Russia)	Rare metals, REE	Geophysical engineering work on the Tomtor deposit, Republic of Sakha (Yakutia)	Electrical soundings – 4.1 linear km.
2016	Semchenskoye zoloto LLC (Russia) (Polymetal International plc)	PGE, Au	Magnetic survey in Gaikolya area, Republic of Karelia	Magnetic survey of scale 1:5000 – 5.24 km <sup>2</sup> .
2016	Industria LLC (Russia) » (Polymetal International plc)	PGE, Au, Cu, Ni	Geophysical exploration in Gaikolya area, Republic of Karelia	IP electrical prospecting (step 10-20 m) and magnetic survey (step 10-20 m) – 45 linear km, IP electrical soundings – 3 linear km.
2016	LV Gold Mining (Armenia) (Polymetal International plc)	Au	Geophysical exploration in Lichkvaz-Teiz deposit area	IP electrical prospecting (step 20 m) and magnetic survey (step 10 m) – 23 linear km.
2015	Zapadnaya Gold Mining Limited (Russia)	Au	Geophysical, geological and geochemical exploration in the Kedrovka and Vitimkon ore fields, scale 1:10,000 – 1:25,000	Geological prospecting – 155 linear km, geochemical prospecting 100 x 20 and 200 x 20 m – 5053 samples, magnetic survey – 99 linear km, IP electrical prospecting – 119 linear km, IP electrical soundings – 18.5 linear km.
2015	Institute of Volcanology and Geodynamics LLC (Russia)	Rare and noble metals	Detailed geochemical survey in the crater part of Kudryavyi volcano, Iturup, Kuril Islands, scale 1:2,500	Volcanic soil sampling 25 x 25 m – 500 samples, rock chip sampling – 70 samples.
2015	Okhotskaya Mining and Exploration Company LLC (Russia) (Polymetal International plc)	Au, Ag	Geophysical exploration in Lanzhin area, Okhotsk district, Khabarovsk region	IP electrical prospecting and magnetic survey (step 10 m) – 15.5 linear km

2015	Neryungri Metallic LLC (Nordgold, Russia)	Au	Geophysical and geochemical exploration in South Ugyy territory, The Sakha (Yakutia) Republic, scale 1:10,000	IP electrical prospecting – 20.5 linear km, IP electrical soundings – 21 linear km, geochemical prospecting 100 x 100 m – 1146 soil samples; construction of cross-sections of the primary geochemical halos on the core data
2015	Aurora Management JSC (Russia)	Au	Complex interpretation of the geophysical and geochemical data obtained in Perinjarvi area, Republic of Karelia	Complex interpretation of the geophysical and geochemical data obtained during 2013 to 2015, including results of the drill-hole core analyses, aimed at revelation and encountering mineralized zones for positioning new drill-holes
2014	Zapadnaya Gold Mining Limited (Russia)	Au	Geophysical , geological and geochemical exploration in the Kedrovka ore field, scale 1:10,000	8.3 km <sup>2</sup> , geochemical prospecting 100 x 20 m, geological prospecting, trenches geological logging and sampling, magnetic survey and IP electrical prospecting 100 x 20 m, IP electrical soundings 4.0 linear km
2014	Tardan Gold LLC (Russia)	Au	Geophysical and geochemical exploration in the Tardan ore cluster, Republic of Tyva, scale 1:10 000	Magnetic survey, IP electrical prospecting 100 x 20 m - 279 linear km; IP electrical soundings – 6.5 linear km. Re-interpretation of the geochemical prospecting data on stream sediment sampling (590 km <sup>2</sup> ) and soil sampling (5 local areas, totally 95 km <sup>2</sup> )
2014	Magadan Silver JSC (Russia) (Polymetal International plc)	Au, Ag	Geophysical exploration in the South-Western part of the Lunninskoye ore field, Srednekanskiy district, Magadan region, scale 1:10,000	Magnetic survey, IP electrical prospecting 100 x 20 m – 77 linear km; IP electrical soundings – 7.3 linear km
2014	Omolon Gold Mining Company LLC (Russia) (Polymetal International plc)	Au	Geophysical exploration in Adygaya area, North-Evenk district, Magadan region), scale 1:10,000 – 1:5,000	Magnetic survey, IP electrical prospecting of scale 1:10,000 (75 linear km), 1:5,000 (30 linear km); IP electrical soundings 7.2 linear km
2014	Aurora Management JSC (Russia)	Au	Geophysical and geochemical exploration in Pertinjarvi area, local areas Pertinjarvi 1 and Pertinjarvi 3, Republic of Karelia, scale 1:10,000	Magnetic survey, IP electrical prospecting 100 x 10 and 100 x 20 m - 99 linear km. IP electrical soundings 9 600 linear m. Till and core geochemical data processing and interpretation with composing geochemical primary halos cross-sections
2013	Neryungri Metallic LLC (Nordgold, Russia)	Au	Geophysical exploration in the Ugyy ore field, Gross deposit, Tabornoye ore cluster	23.6 linear km - IP electrical soundings
2013	Aurora Management JSC (Russia)	Au	Geophysical exploration in Pertinjarvi and Soanvara areas, Republic of Karelia, scale 1:10,000	11.75 km <sup>2</sup> , 10 local areas with network 100 x 20 m. Magnetic survey, IP electrical prospecting, IP electrical soundings
2012 - 2013	Mangazeya Mining (Russia)	Au, Cu, Mo	Research work “Development of the geological, geochemical and geophysical models for gold exploration in Uryum area”	Rock and soil geochemical data treatment and interpretation; quantitative interpretation of geophysical data; development of models

2012 - 2013	Nordgold (Russia)	Au	Research work "Geochemical characterization of the quartz-vein ores, ore-bearing and near-ore metasomatites, and host rocks of the Uryakh ore field"	Rock and soil geochemical data treatment and interpretation
2013	Vallex Group, Base Metals (Armenia)	Cu, Mo, Au, Ag	Geological and geochemical exploration in Kusopat and Kazanchi areas, scales 1:10,000 and 1:25,000	26 km <sup>2</sup> , geochemical prospecting 100 x 20 and 200 x 40 m, trench and drill-hole geological logging and sampling
2013	Zapadnaya Gold Mining Limited (Russia)	Au	Geophysical, geological and geochemical exploration in the Kedrovka ore field, scale 1:10,000	20.5 km <sup>2</sup> , geochemical prospecting 100 x 20, 100 x 40, 200 x 40 m, geological prospecting, trench geological logging and sampling, magnetic survey and IP electrical prospecting 100 x 20 m
2013	Nordgold (Russia)	Au	Geophysical prospecting in the Uryakh ore field, scale 1:10,000	11 km <sup>2</sup> , magnetic survey, IP electrical prospecting 100 x 10 and 100 x 20 m
2013	Mangazeya Mining (Russia)	Au, Cu, Mo	Geophysical and geochemical exploration in Uryum prospective area	45 linear km, magnetic survey, IP electrical prospecting, geochemical prospecting
2012	Compania Guatemalteca de Niquel (CGN), Guatemala	Ni (nickel laterites)	Geophysical exploration	IP electrical soundings
2012	Vallex Group, Base Metals (Armenia)	Cu, Mo, Au, Ag	Geophysical, geological and geochemical exploration in Drmbon area, scale 1: 25,000	70 km <sup>2</sup> , magnetic survey, IP electrical prospecting 200 x 40 m, IP electrical soundings, geochemical prospecting 200 x 40 m, geological prospecting
2012	Semchenskoye zoloto LLC (Russia)	Au	Geophysical exploration in Senchenskiy area, Republic of Karelia, scale 1:10,000	15 km <sup>2</sup> , magnetic survey, IP electrical prospecting 200 x 20 and 100 x 10 m
2012	Industria LLC (Russia)	Au	Geophysical exploration in Elmus area, Republic of Karelia, scale 1:10,000	18 km <sup>2</sup> , magnetic survey, IP electrical prospecting 200 x 20 and 100 x 10 m
2012	Nordgold (Russia)	Au	Geophysical prospecting in Vitimkan area, scales 1:25,000 – 1:10,000	60 km <sup>2</sup> , magnetic survey, IP electrical prospecting 200 x 20 and 100 x 10 m, IP electrical soundings
2012	Zapadnaya Gold Mining Limited (Russia)	Au	Geophysical, geological and geochemical exploration in the Kedrovka ore field, scale 1:10,000	6,7 km <sup>2</sup> , geochemical prospecting 100 x 20 m, geological prospecting, trenches and drill-holes geological logging and sampling, magnetic survey and IP electrical prospecting 100 x 20 m
2011	Zapadnaya Gold Mining Limited (Russia)	Au	Geophysical, geological and geochemical exploration in the Kedrovka ore field, scale 1:10,000	4 km <sup>2</sup> , geochemical prospecting 100 x 20 m, geological prospecting, trenches and drill-holes geological logging and sampling, IP electrical prospecting 100 x 20 m
2011	Nordgold (Russia)	Au	Geophysical prospecting in Vitimkan area, scales 1:25,000 – 1:10,000	55 km <sup>2</sup> , magnetic survey, IP electrical prospecting 200 x 20 and 100 x 10 m, IP electrical soundings

2011	Vallex Group, Base Metals (Armenia)	Cu, Au, Ag	Geophysical , geological and geochemical exploration in Tandzut area (Armenia), scale 1:10,000	10 km <sup>2</sup> , magnetic survey and geochemical prospecting 100 x 20 m, geological prospecting
2011	Vallex Group, Base Metals (Armenia)	Cu, Mo, Au, Ag	Geophysical , geological and geochemical exploration in Manik area, scale 1:25,000	50 km <sup>2</sup> , magnetic survey, IP electrical prospecting 200 x 20 m, IP electrical soundings, geological and geochemical prospecting
2011	Industria LLC (Russia)	Au	Geophysical exploration in Elmus area, Republic of Karelia, scales 1:10,000 – 1:5,000	29.9 km <sup>2</sup> , magnetic survey, IP electrical prospecting 100 x 20 and 50 x10 m; IP electrical soundings
2011	Nordgold (Russia)	Au	Geochemical and geological exploration in Ostantsovyi area, scale 1:50,000	120 km <sup>2</sup> - stream sediment geochemical prospecting (13 samples/km <sup>2</sup> ), geological prospecting, 118 pits with geochemical, heavy concentrate, chip sampling and geological logging
2010	Severnaya Zolotorudnaya Kompania LLC (Russia)	Au	Geochemical, geophysical, and geological exploration in Uryakh area, scale 1:10,000	14 km <sup>2</sup> , geochemical prospecting 100 x (20-40) m, geological prospecting, pits and drill-holes geological logging; 23 km <sup>2</sup> magnetic survey, IP electrical prospecting 100 x 20 m; IP electrical soundings
2010	Severnaya Zolotorudnaya Kompania LLC (Russia)	Au	Geophysical exploration in Nerchinsk area, scale 1:10,000	34.6 km <sup>2</sup> IP electrical prospecting 100 x 20 m, IP electrical soundings 216 points with step 20 m and 30 linear km on the network 200 x 100 m
2010	Severnaya Zolotorudnaya Kompania LLC (Russia)	Au	Geophysical and geochemical exploration in Kunikan area, scale 1:10,000	12 km <sup>2</sup> , geochemical prospecting 100 x 100 m, geological prospecting, IP electrical soundings 30 linear km
2010	Vallex Group, Base Metals (Armenia)	Cu, Mo, Au, Ag	Geophysical and geochemical exploration in Kashen area, scale 1:10,000	13 km <sup>2</sup> , IP electrical prospecting 100 x 20 m, geochemical prospecting 100 x (20-40) m
2010	Sibirskiy Gorno-Metallurgicheskiy Alyans PLC (Russia)	Au	Geophysical exploration in the Ozernovskoye ore field	IP electrical prospecting 20 x 10 m - 32 linear km, IP electrical soundings - 6.4 linear km
2010	Alfa Prospecting and Mining Company Pty Ltd (Republic of South Africa)	Diamonds (placers and kimberlite pipes)	Geophysical and geological exploration	IP electrical soundings, geological prospecting
2010	Goldbase Capital Ltd (Zimbabwe)	Au	Geophysical exploration	IP electrical soundings - 40 linear km, step 50 - 25 m
2010	Severnaya Zolotorudnaya Kompania LLC (Russia)	Au	Geophysical prospecting in Vitimkan area, scales 1:25,000 – 1:10,000	50 km <sup>2</sup> - magnetic survey, IP electrical prospecting 200 x 20 and 100 x 20 m, IP electrical soundings

2009	Private Client (Mexico)	Mn	Remote sensing studies	Prediction of the Mn prospects on the base of satellite images processing and interpretation
2009	AmLib United Minerals (Liberia)	Au (in bedrock and placers)	Geophysical exploration in Kokoya area	Magnetic survey, IP electrical prospecting
2009	Severstal-Resurs JSC (Russia)	Au	Geochemical and geological exploration in Uryakh area, scale 1:50,000	52 km <sup>2</sup> – stream sediment geochemical prospecting (13 samples/km <sup>2</sup> ), geological prospecting
2009	Ukhtageoservis LLC (Russia)	Au, PGE	Geophysical, geochemical and geological exploration in Sredniy Kyvvozh area, Komi Republic, scale 1:10,000	13 km <sup>2</sup> , magnetic survey, IP electrical prospecting 100 x 20 m, geological prospecting, geochemical prospecting 100 x 20 m within geophysical anomalies
2008	Namslavic company (Namibia)	Kimberlite pipes (diamonds), Au, PGE, Ta, Nb	Geochemical, geophysical, and geological exploration	Geological prospecting, geochemical prospecting, IP electrical prospecting, magnetic survey
2008	OBB Maria Limitada (Mozambique)	Rare metals (Be, Li, Ta, Nb), industrial minerals and emerald (in pegmatites); Au	Geophysical, geochemical and geological exploration	Geological prospecting, magnetic survey, IP electrical prospecting and soundings, geochemical prospecting
2008	Severstal-Resurs JSC (Russia)	Au	Geochemical, geophysical, and geological exploration in Nerchinsk area, scales 1:10,000 – 1:5,000	35 km <sup>2</sup> geochemical prospecting 100 x 100 m and 7 km <sup>2</sup> 100 x 20 m or 50 x 10 m; geological prospecting; magnetic survey, IP electrical prospecting 100 x 20 m and 50 x 10 m
2008	Pan American Silver Peru S.A.C. (Peru)	Au, Ag, Pb, Zn	Geophysical exploration	IP electrical prospecting
2008	Hochschild Mining PLC (Peru)	Au, Ag	Geophysical exploration	IP electrical prospecting
2008	Sociedad Minera Baya S.R.L. (Peru)	Au	Geophysical and geochemical exploration	IP electrical prospecting, magnetic survey, geochemical prospecting
2008	«Volcan Compania Minera S.A.A.» (Peru)	Au, Ag, Cu, Pb, Zn	Geophysical, geochemical, and geological exploration in Don Miguel area (Peruvian Andes), scale 1:20,000 – 1:10,000	70 km <sup>2</sup> , magnetic survey, IP electrical prospecting, geochemical prospecting (200-100) x 20 m within geophysical anomalies, geological prospecting
2008	Vostokgeologia LLC (Russia)	Au, Ag, Cu, Mo	Geophysical exploration in Olondo area, Kolar district, Chita region, scales 1:25,000 – 1:10,000	65 km <sup>2</sup> magnetic survey, IP electrical prospecting, network 200 x 40 m, and 20 km <sup>2</sup> 100 x 20 m
2008	Vostokgeologia LLC (Russia)	Au, Ag, Cu, Mo	Geochemical, geophysical, and geological exploration in Malouryumskaya area, scale 1:10,000	10 km <sup>2</sup> , geochemical prospecting 100 x 100 m, geological prospecting, magnetic survey, IP electrical prospecting 100 x 20 m

2007	Sociedad Minera Baya S.R.L. (Peru)	Au	Geophysical and geochemical exploration	IP electrical prospecting, magnetic survey, geochemical prospecting
2007	SRK Consulting (Guinea)	Kimberlite pipes (diamonds) and diamond-bearing placers	Geophysical exploration	Magnetic survey, IP electrical prospecting
2007	Namslavic company (Namibia)	Kimberlite pipes (diamonds), Au, PGE, Ta, Nb	Geochemical, geophysical, and geological exploration	Geological prospecting, geochemical prospecting, IP electrical prospecting
2007	Vostokgeologia LLC (Russia)	Cu, Mo, Ag, Au, Pb, Zn	Geophysical and geochemical exploration in Skarnovyi area (Tahtamygda territory), scale 1:10,000	40 km <sup>2</sup> , geochemical prospecting 100 x 100 m, magnetic survey, IP electrical prospecting 100 x 20m
2007	Vostokgeologia LLC (Russia)	Au, Ag, Cu, Mo	Geochemical, geophysical, and geological exploration in Lugokan, Budyumkan and Malouryumskaya areas, scales 1:10,000 – 1:5,000	Lugokanskaya area - 30 km <sup>2</sup> , geochemical prospecting 100x40m, geological prospecting, magnetic survey, IP electrical prospecting; Budyumkanskaya area - 24 km <sup>2</sup> , geochemical prospecting 100x100m, geological prospecting, magnetic survey, IP electrical prospecting 100 x 20m; Malouryumskaya area - 11 km <sup>2</sup> , geochemical prospecting 50x40m, geological prospecting, magnetic survey, IP electrical prospecting 100 x 20m and 50 x 10m, IP electrical soundings