STONEROL

MANAGEMENT REPORT

1st of October 2012 to 30th of September 2013

2013

STONEROL

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LETTER OF THE CHAIRMAN

Stonerol Oy, Helsinki

Letter of the Chairman

Dear Investors

It is a great pleasure to write the Annual Stonerol Oy Management Report to you. Since the beginning of our activities in Finland we have had a long-term vision and strategy for our exploration activities. Three years ago, the resource industry was still booming and full of optimism. I am proud to say that we did not found our business on this positive atmosphere. Instead we were very cautious in our approach.

During the last twelve months the world financial markets for junior resource companies have collapsed. A lot of such companies in Australia, Canada, Africa and also Scandinavia are facing greatest difficulties. Thanks to our careful long-term planning and our independent financing, Stonerol Oy did not have to change the way it works. This is only possible if you keep your feet on the ground. We think and act as true entrepreneurs and not like employees of a large cooperation. This we can do successfully because we work with the right people and watch our dollars.

Also in our third year of activity, we like Finland more than ever and it is definitely our place to be. Although the bureaucracy is slow, on the other hand the political system is a safe one. Compared to many other countries in the world, Finland guarantiees a proper legal system and our rights of ownership. From a geological point of view Finland is not an easy place, but it still offers great opportunities to discover untapped mineral resources. Most importantly we have great admiration and respect for the people of Finland who are pleasant and efficient to work with. We like their modesty and honesty. So it is a good environment to work in great nature with trustworthy and reliable experts. Looking at the globe today, I cannot find many other places like that.

On the operational side we have made good progress. From our initial land bank we were able to focus our work on the more promising areas. We are totally unemotional when it comes to reviewing the pros and cons of a resource asset. Within our Group we speak in clear words about difficult and complex exploration matters. We are only interested in results from the geological reality. This is the way we will continue. As our senior geological adviser, Mr. Markku Iljina, always tells me: **"Exploration is all about *where* to start and *when* to stop."**

With kind regards,
Sincerely yours

Dr. Markus Elsasser
Chairman

STONEROL

REPORT OF THE MANAGING DIRECTOR

Stonerol Oy, Helsinki

Report of the Managing Director

Dear Reader,

For the Finnish people this year has been turbulent. Shares of our flagship Nokia were sold to Microsoft and with that went part of our lifeblood. We have always taken such pride in Nokia and the company has lifted the self-esteem of our nation.

More than ever we at STONEROL now have the feeling that companies may come and go but the mining industry is forever. "Diamonds may be a girl´s best friend", but for us it is gold.

Under the guidance of Geologist Markku Iljina, who acts as STONEROL´s geological advisor and is responsible for our exploration operations, we are investigating STONEROL´s substantial land bank.

Our company had intended to make a claim reservation, among others, in a region partly owned by Mr. Antti Herlin. A meeting was therefore arranged with him to discuss our conflicting interests. Dr. Elsasser decided to withdraw our reservation and we hope that this will lead to a mutual co-operation in the future.

Later Dr. Elsasser, Markku Iljina and I further decided to abandon the rest of our reservations in the South and concentrate our exploration and business activities to the North of Finland.

In the North we have already made substantial investigations. We have established good contacts with the local people, the landowners and the authorities. The local press has written favorably about STONEROL and our trainees. We want to keep this up and build a truly first class exploration company.

Unfortunately the public opinion is not altogether favorable to the mining industry as the Talvivaara mine has not managed to correct all mistakes they have made, and Nordic Mines has caused problems and resistance. Still we have to keep in mind that out of the 50 mines we have in Finland 48 function with good business practice. We are determined to stay among them.

STONEROL gained an additional platform to positively act and work from when I was elected member of the Vuorimiesyhdistys (Finnish Association of Mining and Metallurgical Engineers). This will help to further develop our network.

We already have many useful contacts and friends, amongst them Geologist Antti Peronius. He is a gold prospector in the third generation, the former Operational Manager of the Finnish Gold Prospectors Association and knows everything and everyone worth knowing in Central Lapland.

On the private side: He helped to arrange an unforgettable gold-panning trip to Saariselkä for me and my family. The sun was shining on rippling water and beautiful autumn colours ("ruska" in Finnish) and we all found little nuggets of gold although the big catch eluded us.

A well-known proverb states "where the rainbow ends you will find a pot of gold".

Let us hope that we will find the rainbow for STONEROL.

STONEROL
For a golden future
Yours very sincerely

Ann Bjurström
Managing Director

STONEROL

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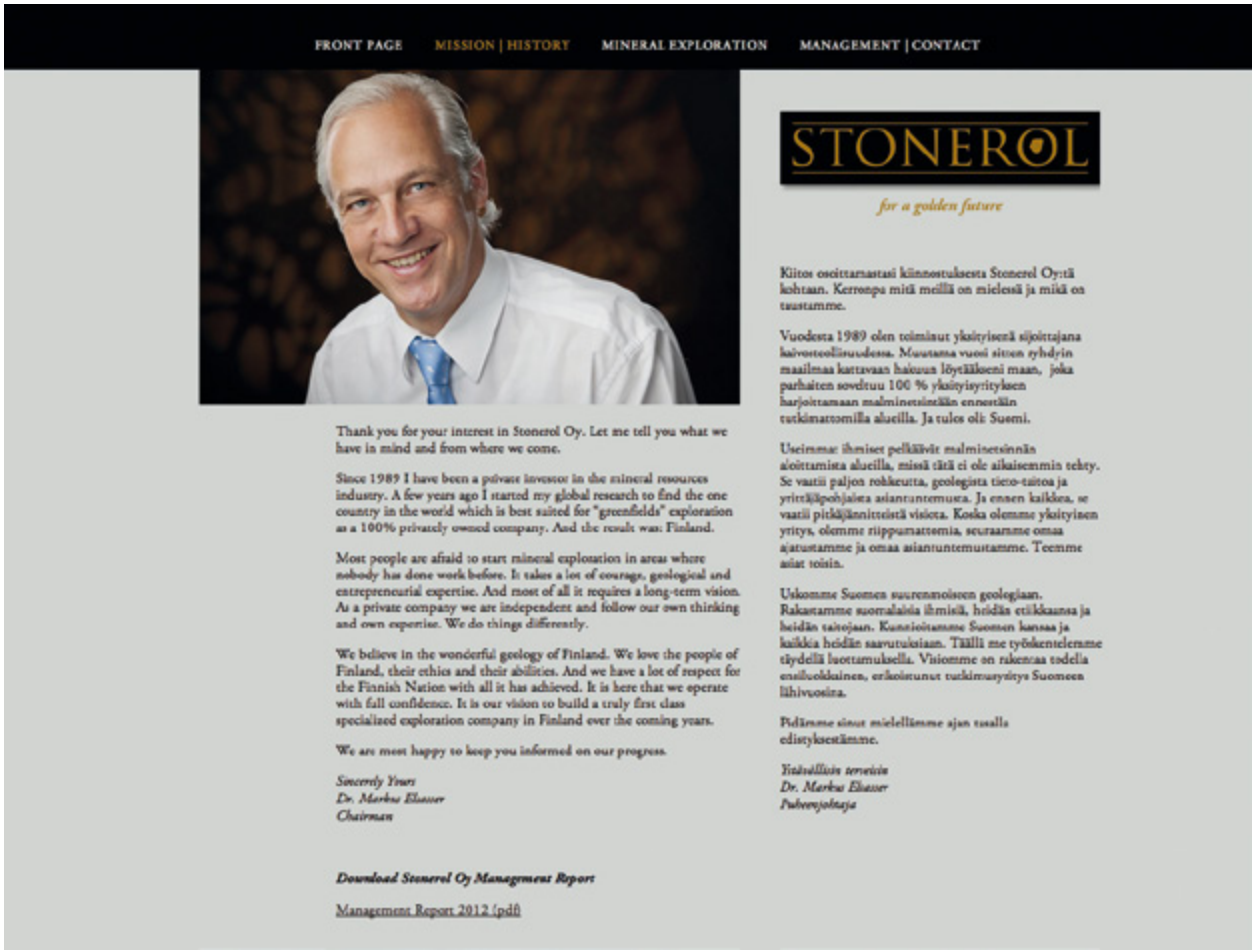
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STONEROL
for a golden future
Thank you for your interest in Stonerol Oy. Let me tell you what we have in mind and from where we come.
Since 1989 I have been a private investor in the mineral resources industry. A few years ago I started my global research to find the one country in the world which is best suited for "greenfields" exploration as a 100% privately owned company. And the result was: Finland.
Most people are afraid to start mineral exploration in areas where nobody has done work before. It takes a lot of courage, geological and entrepreneurial expertise. And most of all it requires a long-term vision. As a private company we are independent and follow our own thinking and own expertise. We do things differently.
We believe in the wonderful geology of Finland. We love the people of Finland, their ethics and their abilities. And we have a lot of respect for the Finnish Nation with all it has achieved. It is here that we operate with full confidence. It is our vision to build a truly first class specialized exploration company in Finland over the coming years.
We are most happy to keep you informed on our progress.
Sincerely Yours
Dr. Markus Eliasser
Chairman
Download Stonerol Oy Management Report
Management Report 2012 (pdf)
Kiitos osoittamastasi kiinnostuksesta Stonerol Oyitä kohtaan. Kerrompa mitä meillä on mielessä ja mikä on taustamme.
Vuodesta 1989 olen toiminut yksityisenä sijoittajana kaivosteollisuudessa. Muutama vuosi sitten tyhdyin maailmaa kattavaan hakuun löytääkseni maan, joka parhaiten soveltuu 100 % yksityisyrityksen harjoittamaan malminetsintään ennestään tutkimattomilla alueilla. Ja tulos oli: Suomi.
Useimmat ihmiset pelkäävät malminetsinnän aloittamista alueilla, missä tätä ei ole aikaisemmin tehty. Se vaatii paljon rohkeutta, geologista tieto-taitoa ja yrittäjäpohjaista asiantuntemusta. Ja ensin kaikkea, se vaatii pitkäjänteistä visiota. Koska olemme yksityinen yritys, olemme riippumattomia, seuraamme omaa ajatustamme ja omaa asiantuntemustamme. Teemme asiat toisin.
Uskomme Suomen suurenmoiseen geologiaan. Rakastamme suomalaisia ihmisiä, heidän etiikkaansa ja heidän taitojaan. Kunnioitamme Suomen kansaa ja kaikkia heidän saavutuksiaan. Täällä me työskentelemme täydellä luottamuksella. Visiomme on rakentaa todella ensiluokkainen, erikoistunut tutkimusyritys Suomeen lähivuosina.
Pidämme sinut mielellämme ajan tasalla edistyksestämme.
Ystävällisin terveisin
Dr. Markus Eliasser
Puheenjohtaja

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STONEROL OY - ROLLING THE STONES ON GREENFIELDS

Stonerol Oy is a mining company that concentrates on gold exploration in Finland. The company focuses on less or unexplored greenstone belts in Lapland and Eastern Finland. It has applied for claim reservations for these areas and for several exploration licenses in Salla.

Stonerol Oy is now performing geochemical sampling and geological mapping at Salla, with the help of six geology students from Finnish universities, who are employed as trainees. Stonerol Oy does not touch nature conservation areas.

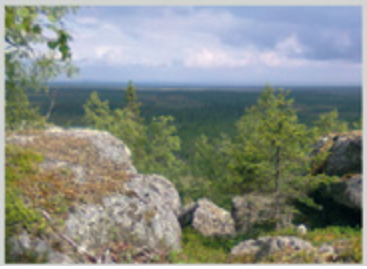
Stonerol respects the local people. Wherever we work, the geologists of the company visit the landowners, municipality, and a local newspaper in order to inform the locals of their activities in the region. We are all partners in this.

STONEROL OY EI JÄTÄ KIVEÄ KÄÄNTÄMÄTTÄ.

Stonerol Oy on kaivosyhtiö, joka keskittyy kullan etsintään Suomessa. Yhtiö tähtää vähän tutkituille tai tutkimattomille vihreäkivivyöhykkeille Lapissa ja Itä-Suomessa. Se on hakenut varauksia näille alueille sekä useita malminetsintälupia Sallaan.

Tällä hetkellä Stonerol Oy tekee pienimuotoista geokemiallista näytteenottoa ja geologista kartoitusta Sallassa suomalaisten geologiaa opiskelevien harjoittelijoiden avulla. Stonerol Oy ei koske luonnonsuojelualueisiin.

Stonerol kunnioittaa paikallisia ihmisiä. Missä tahansa toimimmekin, yhtiön geologit vierailevat maanomistajien, kaupunginjohdon ja paikallislehden luona tiedottaakseen toiminnastaan alueella. Teemme tätä yhdessä.



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STONEROL

for a golden future

Dr. Markus Elsasser
Chairman

Ann Bjurström
Managing Director

STONEROL OY
Itämerenkatu 5, 00180 HELSINKI
+358 9 4730 3830, stonerol.fi@gmail.com

SPECIALIST IN MINERAL EXPLORATION

STONEROL

ANALYSIS OF SAMPLES TAKEN IN THE SALLA AREA

AUGUST 23, 2012

ALS Minerals

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

CERTIFICATE OT12179149

Project: Not provided

P.O. No.:

This report is for 357 Sediment samples submitted to our lab in Outokumpu, Finland on 2-AUG-2012.

The following have access to data associated with this certificate:

ANN BJURSTRÖM	TONI EEROLA	MARKUS ELSASSER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LEV-01	Waste Disposal Levy
QAR-01	Quarantine Treatment Charge

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS22	IONIC Leach - Select Anal.	ICP-MS
pH-MS22	MS22 Leach pH	

To: **STONEROL OY**
ATTN: ANN BJURSTRÖM
ITÄMERENKATU 5
00180 HELSINKI

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Comments: Samples submitted by Toni Eerola.

Signature: W. Abbott
Wayne Abbott, Operations Manager, Western Australia

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method	WEI-21	ME-MS22	ME-MS22	ME-MS22	ME-MS22	ME-MS22	ME-MS22	pH-MS22	ME-MS22	ME-MS22	ME-MS22
	Analyte	Recvd Wt.	Au	Co	Cr	Cu	Ni	Zn	Final pH	Pb	Pd	Pt
	Units	kg	ppb	ppb	ppb	ppb	ppb	ppb	Unity	ppb	ppb	ppb
	LOR	0.02	0.02	0.3	1	1	1	10	0.1	1	0.1	0.1
SWVA 01		0.39	0.08	54.8	1160	121	413	30	6.8	40	2.2	0.1
SWVA 02		0.49	0.44	60.3	938	298	154	40	9.0	33	4.6	0.1
SWVA 03		0.40	0.32	68.8	1260	847	546	60	8.7	52	8.7	0.1
SWVA 04		0.43	0.09	29.0	1540	172	311	30	6.8	38	2.6	0.1
SWVA 05		0.40	0.39	53.6	1330	311	244	90	7.9	51	3.7	0.1
SWVA 06		0.61	0.21	34.7	2050	312	321	120	8.7	42	9.0	0.1
SWVA 07		0.38	6.92	117.0	966	521	422	80	9.0	38	8.3	0.1
SWVA 08		0.40	0.21	56.6	1730	307	294	100	8.3	49	6.0	0.1
SWVA 09		0.38	0.36	29.9	722	182	150	30	8.7	38	2.5	<0.1
SWVA 10		0.27	0.04	36.3	1260	210	313	720	6.8	35	2.8	0.1
SWVA 11		0.26	0.14	40.4	1490	204	360	860	7.9	44	4.0	0.1
SWVA 12		0.51	0.17	27.3	1060	164	253	80	8.7	25	3.4	<0.1
SWVA 13		0.47	0.14	22.4	1080	213	140	20	8.7	32	4.7	0.1
SWVA 14		0.45	0.15	35.7	2090	230	272	120	7.9	50	6.2	0.1
SWVA 15		0.27	0.08	33.3	415	231	188	20	8.3	88	1.3	<0.1
SWKY 01		0.40	0.25	101.5	2700	309	1220	130	8.7	66	4.1	0.1
SWKY 02		0.50	0.27	81.1	3880	500	2860	130	8.7	49	3.1	0.1
SWKY 03		0.43	0.17	48.2	1390	755	5230	30	8.7	22	1.7	<0.1
SWKY 04		0.37	0.20	83.5	1170	1550	1900	50	8.7	57	2.6	0.1
SWKY 05		0.31	0.51	820	3890	474	2260	150	8.3	120	2.6	0.1
SWKY 06		0.56	0.17	119.5	3160	537	1610	410	7.9	46	1.5	<0.1
SWKY 07		0.35	0.22	87.5	4030	321	633	120	8.3	267	2.3	<0.1
SWKY 08		0.33	0.14	81.5	4470	578	1830	40	7.9	25	1.9	0.1
SWKY 09		0.36	0.38	164.0	4880	681	1920	370	8.5	108	5.7	0.1
SWKY 10		0.26	0.11	175.0	1920	659	2800	270	6.8	99	1.2	<0.1
SWKY 11		0.30	0.05	156.5	1660	502	2330	230	6.8	99	0.9	<0.1
SWKY 12		0.29	0.22	842	2870	771	2610	590	7.1	39	3.8	<0.1
SWKY 13		0.33	0.21	494	4400	1050	2080	260	8.1	78	2.7	0.1
SWKY 14		0.25	0.10	195.5	3380	438	1960	210	7.9	44	1.7	<0.1
SWKY 15		0.37	0.23	215	5070	1090	2370	150	6.8	65	3.9	0.1
SWKÄ 01		0.26	<0.02	43.5	158	140	210	40	7.9	89	1.4	<0.1
SWKÄ 02		0.37	0.04	28.6	208	159	116	240	6.8	55	1.3	<0.1
SWKÄ 03		0.35	0.04	43.2	191	288	175	370	6.8	64	1.2	<0.1
SWKÄ 04		0.40	0.08	66.9	340	243	351	410	7.9	293	2.8	<0.1
SWKÄ 05		0.27	0.02	30.3	123	319	210	450	6.8	86	1.1	<0.1
SWKÄ 06		0.39	0.48	18.3	1070	171	99	410	8.5	279	5.7	0.1
SWKÄ 07		0.31	0.07	12.2	122	230	52	110	8.5	29	1.3	<0.1
SWKÄ 08		0.35	0.13	43.9	314	295	148	90	8.5	48	3.3	0.1
SWKÄ 09		0.35	0.16	49.6	597	63	194	190	8.3	93	2.6	<0.1
SWKÄ 10		0.30	0.05	87.9	329	167	364	170	7.4	35	1.5	<0.1

Comments: Samples submitted by Toni Eerola.

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method	WEI-21	ME-MS22	ME-MS22	ME-MS22	ME-MS22	ME-MS22	ME-MS22	pH-MS22	ME-MS22	ME-MS22	ME-MS22
	Analyte	Recvd Wt.	Au	Co	Cr	Cu	Ni	Zn	Final pH	Pb	Pd	Pt
	Units	kg	ppb	ppb	ppb	ppb	ppb	ppb	Unity	ppb	ppb	ppb
	LOR	0.02	0.02	0.3	1	1	1	10	0.1	1	0.1	0.1
SWKÄ 11		0.33	0.03	97.5	267	134	504	340	7.1	43	1.3	<0.1
SWKÄ 12		0.30	0.04	111.5	140	146	562	1270	6.8	436	0.8	<0.1
SWKÄ 13		0.29	0.30	39.0	921	151	393	490	7.4	249	4.4	0.1
SWKÄ 14		0.31	0.13	34.7	670	163	284	150	6.8	90	3.0	<0.1
SWKÄ 15		0.20	0.04	194.5	161	194	892	530	6.8	80	1.0	<0.1
SWKÄ 16		0.31	0.03	12.4	185	270	239	20	6.8	74	0.5	<0.1
SWKÄ 17		0.34	0.19	70.5	1080	222	639	160	7.1	159	5.0	0.1
SWKÄ 18		0.34	0.11	22.4	381	191	143	40	8.5	55	1.9	<0.1
SWKÄ 19		0.32	0.25	25.6	953	310	221	140	8.3	48	3.9	<0.1
SWKÄ 20		0.33	0.05	18.4	68	139	173	70	8.1	92	0.5	<0.1
SWKÄ 21		0.29	0.09	16.8	65	136	152	40	8.3	66	0.5	<0.1
SWKÄ 22		0.34	0.05	69.1	726	182	610	40	8.1	48	1.3	<0.1
SWKÄ 23		0.31	0.29	91.1	2730	166	476	570	7.4	186	4.9	0.1
SWKÄ 24		0.32	0.03	90.7	1130	292	1190	270	7.1	65	1.7	<0.1
SWKÄ 25		0.31	0.06	64.5	276	221	571	330	6.8	19	0.6	<0.1
SWKÄ 26		0.32	0.03	142.5	1160	154	636	440	8.5	210	1.5	<0.1
SWKÄ 27		0.39	0.08	38.2	1330	117	546	50	7.4	44	1.8	0.1
SWKÄ 28		0.36	0.07	47.8	724	299	312	80	8.5	29	2.2	<0.1
SWKÄ 29		0.41	0.06	75.6	1300	547	1220	160	7.1	47	2.4	0.1
SWKÄ 30		0.34	0.40	69.7	2300	311	513	200	8.5	179	5.2	0.1
SWKÄ 31		0.38	0.54	113.0	4230	500	1200	310	8.5	102	7.0	0.2
SWKÄ 32		0.39	0.19	105.0	3870	521	1300	260	8.5	83	5.3	0.1
SWKÄ 33		0.36	0.18	18.6	211	516	532	10	9.0	8	1.2	<0.1
SWKÄ 34		0.27	0.12	67.5	671	119	569	220	6.8	414	1.3	<0.1
SWKÄ 35		0.25	0.03	96.7	817	388	1300	750	6.8	45	1.0	<0.1
SWKÄ 36		0.31	0.02	56.3	232	152	476	830	6.8	161	0.8	<0.1
SWKÄ 37		0.29	0.04	135.0	780	361	1600	710	6.8	180	0.7	<0.1
SWKÄ 38		0.42	0.07	108.0	1950	767	1780	200	7.4	36	2.8	0.1
SWKÄ 39		0.27	0.38	70.0	3810	420	642	500	7.4	374	9.0	0.1
SWKÄ 40		0.24	0.21	134.5	788	301	1190	370	6.8	86	2.2	0.1
SWKÄ 41		0.29	0.04	134.5	785	328	977	300	6.8	53	1.5	<0.1
SWKÄ 42		0.26	0.03	116.5	1600	345	1260	580	6.8	39	1.6	<0.1
SWKÄ 43		0.32	0.11	134.0	1420	328	1140	240	7.1	130	2.9	0.1
SWKÄ 44		0.44	0.19	63.2	1400	129	355	110	6.8	65	4.8	0.1
SWKÄ 45		0.17	0.21	133.0	3440	288	529	250	6.8	575	5.0	0.1
SWKÄ 46		0.42	0.08	71.7	1970	355	732	70	8.1	41	2.3	<0.1
SWKÄ 47		0.28	0.22	195.5	6710	561	1840	320	8.3	87	3.0	0.1
SWKÄ 48		0.40	0.09	164.0	2890	392	1920	110	6.8	63	2.1	<0.1
SWKÄ 49		0.29	0.06	117.5	1270	272	1140	130	7.7	57	1.6	<0.1
SWTU 001		0.34	0.23	103.5	248	815	254	770	7.7	98	2.6	<0.1

Comments: Samples submitted by Toni Eerola.

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS22 Au ppb 0.02	ME-MS22 Co ppb 0.3	ME-MS22 Cr ppb 1	ME-MS22 Cu ppb 1	ME-MS22 Ni ppb 1	ME-MS22 Zn ppb 10	pH-MS22 Final pH Unity 0.1	ME-MS22 Pb ppb 1	ME-MS22 Pd ppb 0.1	ME-MS22 Pt ppb 0.1
SWTU 002		0.36	0.16	139.0	256	779	203	920	7.7	141	4.8	0.1
SWTU 003		0.33	0.12	84.2	307	688	242	1030	7.1	233	1.9	<0.1
SWTU 004		0.34	0.16	131.0	245	443	281	440	8.1	118	2.1	<0.1
SWTU 005		0.35	0.16	87.4	23	487	335	510	8.1	44	0.8	<0.1
SWTU 006		0.18	0.03	53.0	112	776	153	190	7.1	152	1.7	<0.1
SWTU 007		0.29	0.07	49.0	246	401	106	750	7.1	331	5.0	0.1
SWTU 008		0.29	0.09	108.0	70	1020	96	1410	8.3	209	1.9	<0.1
SWTU 009		0.23	0.11	47.1	94	1050	92	780	7.9	178	4.0	<0.1
SWTU 010		0.35	0.11	110.5	148	329	190	340	8.1	88	1.8	<0.1
SWTU 011		0.45	0.10	83.9	168	213	123	420	7.9	97	1.9	<0.1
SWTU 012		0.31	0.09	80.5	107	177	255	900	7.9	104	1.0	<0.1
SWTU 013		0.28	0.06	35.4	45	148	56	200	7.9	180	6.0	0.1
SWTU 014		0.21	0.05	48.5	38	474	107	1240	6.8	209	3.2	<0.1
SWTU 015		0.21	0.16	151.5	112	735	152	1310	7.1	976	3.1	<0.1
SWTU 016		0.37	0.11	42.6	268	166	52	260	8.5	160	2.9	<0.1
SWTU 017		0.33	0.03	47.7	205	216	182	1330	7.7	215	2.3	<0.1
SWTU 018		0.33	<0.02	77.5	199	212	61	410	7.7	126	2.4	<0.1
SWTU 019		0.34	0.16	111.0	137	926	213	350	8.5	76	2.7	<0.1
SWTU 020		0.29	0.15	85.3	91	1090	96	1000	6.8	138	1.7	<0.1
SWTU 021		0.34	0.13	102.5	101	892	96	1150	8.3	144	1.8	<0.1
SWTU 022		0.30	0.04	37.4	71	121	174	450	8.3	58	0.7	<0.1
SWTU 023		0.28	0.08	118.5	69	1640	154	1160	7.1	137	2.2	<0.1
SWTU 024		0.37	0.11	126.0	121	728	114	980	7.1	99	1.8	<0.1
SWTU 025		0.29	0.05	74.3	93	329	117	820	6.8	172	1.0	<0.1
SWTU 026		0.27	0.03	95.5	162	772	140	530	8.5	161	2.3	0.1
SWTU 027		0.32	0.12	51.0	83	235	151	1630	8.5	77	0.8	<0.1
SWTU 028		0.34	0.19	112.5	38	929	182	530	7.9	147	1.7	<0.1
SWTU 029		0.32	0.13	58.6	207	320	71	430	7.9	195	4.2	0.1
SWTU 030		0.13	0.04	92.0	26	497	59	400	6.8	216	2.2	<0.1
SWTU 031		0.30	0.03	42.7	213	194	159	690	6.8	166	3.6	0.1
SWTU 032		0.37	0.32	22.9	196	251	57	130	8.5	169	9.7	0.1
SWTU 033		0.33	0.03	67.7	203	209	266	780	7.9	178	1.5	<0.1
SWTU 034		0.32	0.04	65.0	171	200	318	790	7.9	143	1.2	<0.1
SWTU 035		0.31	0.10	47.9	75	447	135	670	7.9	75	1.9	<0.1
SWTU 036		0.26	0.04	36.8	108	333	206	280	7.9	129	1.2	<0.1
SWTU 037		0.32	0.22	58.2	79	240	71	590	7.7	175	1.3	<0.1
SWTU 038		0.32	0.05	39.4	90	172	180	1220	7.7	128	0.8	<0.1
SWTU 039		0.35	0.04	26.8	151	91	40	160	8.3	261	1.2	<0.1
SWTU 040		0.28	0.40	32.1	119	157	52	510	8.3	203	1.3	<0.1
SWTU 041		0.28	0.04	51.5	111	161	70	560	8.3	231	1.2	<0.1

Comments: Samples submitted by Toni Eerola.

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS22 Au ppb 0.02	ME-MS22 Co ppb 0.3	ME-MS22 Cr ppb 1	ME-MS22 Cu ppb 1	ME-MS22 Ni ppb 1	ME-MS22 Zn ppb 10	pH-MS22 Final pH Unity 0.1	ME-MS22 Pb ppb 1	ME-MS22 Pd ppb 0.1	ME-MS22 Pt ppb 0.1
SWTU 042	0.21	0.02	67.4	113	305	50	220	6.8	103	1.2	<0.1
SWTU 043	0.31	<0.02	24.5	141	150	82	340	6.8	123	1.1	<0.1
SWTU 044	0.30	0.05	28.0	84	409	87	130	7.1	228	1.9	<0.1
SWTU 045	0.17	0.16	34.6	57	194	125	350	7.1	102	5.8	0.1
SWTU 046	0.33	0.07	35.7	178	200	129	370	7.7	280	1.2	<0.1
SWTU 047	0.38	0.03	16.0	238	140	52	230	8.5	120	1.8	<0.1
SWTU 048	0.31	0.09	35.6	367	103	169	660	8.3	313	3.1	<0.1
SWTU 049	0.29	0.05	61.5	116	441	172	370	8.3	429	0.9	<0.1
SWTU 050	0.38	0.07	73.0	282	153	131	600	8.1	433	2.3	<0.1
SWTU 051	0.34	0.53	20.8	286	105	72	320	8.5	190	2.5	<0.1
SWTU 052	0.31	0.06	42.0	95	482	123	1310	8.3	276	1.7	<0.1
SWTU 053	0.37	0.04	59.6	79	289	151	520	7.1	201	0.9	<0.1
SWTU 054	0.36	0.13	51.9	227	119	62	280	8.5	421	3.1	0.1
SWTU 055	0.28	0.07	57.5	888	327	668	240	7.7	85	1.1	<0.1
SWTU 055_DUPLI	0.31	0.06	61.9	145	270	202	420	7.7	152	1.1	<0.1
SWTU 056	0.35	0.03	58.3	340	139	238	340	8.5	64	1.0	<0.1
SWTU 056_DUPLI	0.29	0.02	103.0	1090	214	673	850	6.8	394	1.2	<0.1
SWTU 057	0.34	0.05	52.1	353	334	518	700	7.4	142	0.8	<0.1
SWTU 058	0.49	0.05	55.4	941	313	384	190	7.4	123	2.7	0.1
SWTU 059	0.42	0.05	88.5	1420	573	644	250	7.1	33	2.1	<0.1
SWTU 060	0.40	0.13	76.2	154	397	190	270	8.3	136	2.1	<0.1
SWTU 061	0.33	0.13	97.3	114	386	218	290	8.5	156	1.6	<0.1
SWTU 062	0.35	0.15	89.6	884	1040	535	470	7.1	81	5.6	0.1
SWTU 063	0.39	0.46	108.0	241	1430	326	630	6.8	234	5.2	0.1
SWTU 064	0.26	1.07	14.8	133	1150	171	1040	6.8	37	1.8	<0.1
SWTU 065	0.31	0.52	44.6	298	525	229	1060	6.8	81	3.3	0.1
SWTU 066	0.31	3.40	10.3	247	1300	152	1100	6.8	262	7.3	0.1
SWTU 067	0.33	0.10	79.0	138	981	346	670	7.1	33	1.4	<0.1
SWTU 068	0.37	0.32	155.0	852	799	342	1370	7.9	104	7.3	0.2
SWTU 069	0.42	0.89	40.5	531	1640	193	320	7.9	95	9.4	0.1
SWTU 070	0.31	0.67	44.3	399	2780	284	480	6.8	74	6.0	0.1
SWTU 071	0.31	0.55	40.6	413	2070	333	510	7.9	120	6.3	0.1
SWTU 072	0.44	0.09	45.3	247	197	275	180	7.7	95	1.6	<0.1
SWTU 073	0.30	0.02	46.2	118	161	271	280	6.8	290	0.8	<0.1
SWTU 074	0.29	0.08	45.1	146	366	439	130	7.7	26	1.3	<0.1
SWTU 075	0.34	0.20	45.6	1030	389	315	140	7.4	82	5.8	0.1
SWTU 076	0.30	0.42	105.5	712	605	218	320	8.5	69	9.1	0.1
SWTU 077	0.50	0.68	35.5	587	2920	170	440	8.3	153	11.7	0.2
SWTU 078	0.48	0.19	51.6	996	667	247	300	7.9	62	8.8	0.1
SWTU 079	0.45	0.23	55.8	855	255	315	280	6.8	129	4.8	0.1

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ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
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Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description / Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS22 Au ppb 0.02	ME-MS22 Co ppb 0.3	ME-MS22 Cr ppb 1	ME-MS22 Cu ppb 1	ME-MS22 Ni ppb 1	ME-MS22 Zn ppb 10	pH-MS22 Final pH Unity 0.1	ME-MS22 Pb ppb 1	ME-MS22 Pd ppb 0.1	ME-MS22 Pt ppb 0.1
SWTU 080	0.27	0.04	38.7	248	287	305	330	6.8	38	1.6	<0.1
SWTU 081	0.31	0.08	49.2	306	409	353	370	8.3	44	2.4	0.1
SWTU 082	0.29	0.12	151.0	1855	575	910	230	7.1	78	1.3	<0.1
SWTU 083	0.28	0.07	199.0	910	189	1040	470	8.5	171	0.8	<0.1
SWTU 084	0.23	0.17	62.4	1775	251	703	500	8.5	87	1.4	<0.1
SWTU 085	Not Recvd										
SWTU 086	Not Recvd										
SWTU 087	0.37	0.26	119.0	189	747	250	130	7.1	65	2.0	<0.1
SWTU 088	0.31	0.06	90.6	487	242	463	940	8.5	62	1.0	<0.1
SWTU 089	0.26	0.06	56.7	476	135	431	290	8.5	84	1.3	<0.1
SWTU 090	0.40	0.08	50.3	400	348	412	490	7.9	48	1.6	<0.1
SWTU 091	0.35	0.15	58.5	431	172	582	710	8.3	64	1.6	<0.1
SWTU 092	0.20	0.10	196.5	2170	372	1030	170	7.9	295	2.3	0.1
SWTU 093	0.34	0.85	298	1635	354	495	1290	8.3	479	2.9	<0.1
SWTU 094	0.31	0.13	75.2	1160	444	499	80	9.0	55	1.6	<0.1
SWTU 095	0.35	0.19	146.0	1190	1200	721	110	7.7	61	2.7	0.1
SWTU 096	0.42	0.41	64.1	1760	482	651	150	8.7	48	3.5	0.1
SWTU 097	0.33	0.15	53.0	852	238	327	70	9.0	49	2.4	<0.1
SWTU 098	0.29	0.09	121.5	327	122	526	950	7.1	310	1.7	<0.1
SWTU 099	0.34	0.10	58.2	470	461	496	410	7.9	129	1.1	<0.1
SWTU 100	0.34	0.09	90.1	824	328	670	430	6.8	165	1.6	<0.1
SWTU 101	0.35	0.09	62.5	158	162	486	450	6.8	106	1.0	<0.1
SWTU 102	0.35	0.08	52.1	176	235	127	390	8.3	196	0.7	<0.1
SWTU 103	0.38	0.17	75.8	381	186	346	100	8.5	43	1.5	<0.1
SWTU 104	0.34	0.11	77.4	531	274	350	350	8.5	49	1.0	<0.1
SWTU 105	0.52	0.05	51.1	1210	244	306	90	8.3	65	2.1	0.1
SWTU 106	0.42	0.17	56.5	460	369	208	60	7.9	86	4.6	0.1
SWTU 107	0.36	0.09	116.0	545	267	881	630	8.5	121	0.8	<0.1
SWTU 108	0.32	0.05	53.1	784	128	183	330	8.5	246	2.0	<0.1
SWTU 109	0.26	0.05	99.1	165	189	272	480	7.4	166	1.4	<0.1
SWTU 110	0.32	0.07	68.9	113	169	438	380	7.4	90	1.5	<0.1
SWTU 111	0.29	0.03	67.8	113	134	416	520	7.7	112	1.1	<0.1
SWTU 112	0.36	0.06	106.0	323	177	422	310	8.3	141	1.7	<0.1
SWTU 113	0.38	0.05	94.7	356	295	416	390	8.5	135	1.2	<0.1
SWTU 114	0.31	0.06	84.0	380	253	426	480	7.7	92	1.2	0.1
SWTU 115	0.48	0.32	58.7	959	840	320	200	8.7	61	10.8	0.2
SWTU 116	0.34	0.24	145.5	418	673	424	980	8.7	111	10.8	0.1
SWTU 117	0.33	0.25	64.9	284	462	279	490	8.5	102	1.4	<0.1
SWTU 118	0.41	0.16	201	904	1170	606	530	8.7	67	2.5	0.1
SWTU 119	0.40	0.05	67.9	384	1090	1860	870	8.7	33	1.8	<0.1

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ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS22 Au ppb 0.02	ME-MS22 Co ppb 0.3	ME-MS22 Cr ppb 1	ME-MS22 Cu ppb 1	ME-MS22 Ni ppb 1	ME-MS22 Zn ppb 10	pH-MS22 Final pH Unity 0.1	ME-MS22 Pb ppb 1	ME-MS22 Pd ppb 0.1	ME-MS22 Pt ppb 0.1
SWTU 120		0.31	0.06	110.5	450	581	359	430	8.3	60	1.7	<0.1
SWTU 121		0.32	0.03	79.9	567	376	496	530	8.3	81	1.4	<0.1
SWTU 122		0.34	0.05	135.5	644	1080	671	860	8.3	56	2.4	<0.1
SWTU 123		0.31	0.09	47.1	220	788	266	1170	8.7	139	2.6	0.1
SWTU 124		0.34	0.38	48.3	85	1660	210	1570	8.7	59	1.6	<0.1
SWTU 125		0.34	0.04	36.1	166	319	197	1620	8.3	82	1.7	<0.1
SWTU 126		0.31	0.16	26.2	68	1250	243	1230	8.7	129	1.3	<0.1
SWTU 127		0.34	0.12	61.8	62	649	147	860	8.7	84	0.9	<0.1
SWTU 128		0.38	0.17	70.9	334	287	135	490	8.7	107	3.1	<0.1
SWTU 129		0.34	0.32	52.4	152	349	417	1130	8.7	31	1.0	<0.1
SWTU 130		0.23	0.50	54.9	19	810	1190	30	8.7	7	1.6	<0.1
SWTU 131		0.33	0.09	54.9	270	643	139	860	8.7	22	1.6	<0.1
SWTU 132		0.37	1.25	30.7	207	652	118	1070	8.7	15	1.2	<0.1
SWTU 133		0.38	0.10	126.5	99	958	520	370	8.7	60	0.6	<0.1
SWTU 134		0.34	0.14	70.8	227	399	280	330	8.7	47	1.2	<0.1
SWTU 135		0.38	0.07	172.5	115	1270	323	960	8.7	42	2.2	0.1
SWTU 136		0.58	0.08	30.5	449	501	125	60	8.1	10	2.2	<0.1
SWTU 137		0.33	0.18	25.7	127	730	130	350	8.3	181	2.1	<0.1
SWTU 138		0.33	0.76	49.3	148	510	118	740	8.3	80	2.3	<0.1
SWTU 139		0.47	0.15	62.5	240	329	226	500	8.5	103	2.3	<0.1
SWTU 140		0.26	0.19	95.8	79	250	178	440	8.7	40	0.8	<0.1
SWTU 141		0.41	0.12	167.0	142	356	1470	380	8.7	55	1.4	<0.1
SWTU 142		0.46	0.08	116.0	79	247	1280	230	8.7	37	1.0	<0.1
SWTU 143		0.49	0.11	45.2	193	1050	205	120	8.7	33	2.6	<0.1
SWTU 144		0.34	0.13	62.6	109	685	238	950	8.3	53	0.9	<0.1
SWTU 145		0.46	0.14	123.5	65	731	204	320	8.7	44	0.7	<0.1
SWTU 146		0.44	0.21	41.4	48	758	195	390	8.7	58	0.7	<0.1
SWTU 147		0.42	0.05	41.0	220	495	113	340	8.7	32	3.2	0.1
SWTU 148		0.38	0.04	65.7	186	380	377	2630	8.3	51	1.0	<0.1
SWTU 149		0.35	0.27	63.8	83	259	287	540	8.7	32	0.6	<0.1
SWTU 150		0.39	0.18	105.0	117	270	193	510	8.7	48	1.1	<0.1
SWTU 151		0.35	0.43	36.1	220	2090	365	3510	8.3	134	8.1	0.1
SWTU 152		0.32	0.18	55.7	159	752	141	380	7.9	247	5.9	0.1
SWTU 153		0.35	0.09	57.8	169	803	175	790	7.9	26	2.3	0.1
SWTU 154		0.38	0.21	47.1	252	724	433	2430	8.7	89	2.2	<0.1
SWTU 155		0.35	0.09	140.5	244	1200	442	160	8.7	52	2.1	<0.1
SWTU 156		0.34	0.28	129.5	243	1060	524	240	8.7	59	1.9	<0.1
SWTU 157		0.57	0.74	46.6	1000	357	391	210	8.7	49	4.3	0.1
SWTU 158		0.40	0.07	51.2	699	349	245	150	8.7	38	2.3	0.1
SWTU 159		0.57	0.24	27.6	1530	181	190	210	8.7	86	6.1	0.1

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ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

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CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS22 Au ppb 0.02	ME-MS22 Co ppb 0.3	ME-MS22 Cr ppb 1	ME-MS22 Cu ppb 1	ME-MS22 Ni ppb 1	ME-MS22 Zn ppb 10	pH-MS22 Final pH Unity 0.1	ME-MS22 Pb ppb 1	ME-MS22 Pd ppb 0.1	ME-MS22 Pt ppb 0.1
SWTU 160		0.41	0.09	54.0	2940	522	425	300	7.9	62	5.6	0.1
SWTU 161		0.58	0.25	56.1	2550	308	433	390	8.7	135	8.4	0.1
SWTU 162		0.41	0.08	91.8	279	602	488	110	8.7	32	1.2	<0.1
SWTU 163		0.35	0.17	83.9	422	491	459	130	8.7	29	1.3	0.1
SWTU 164		0.53	0.04	41.5	393	381	255	140	8.7	31	1.3	<0.1
SWTU 165		0.52	0.09	26.3	399	363	119	60	8.5	18	1.8	0.1
SWTU 166		0.60	0.03	27.9	392	330	279	30	8.5	62	0.9	<0.1
KOTUB 041		Not Recvd										
SWAA 01		0.42	0.09	14.8	184	294	73	60	8.3	125	1.5	0.1
SWAA 02		0.47	0.14	158.0	11	662	219	1560	9.0	116	0.7	<0.1
SWAA 03		0.35	0.09	63.0	118	379	100	610	8.1	337	1.0	<0.1
SWAA 04		0.40	0.06	107.5	76	954	129	520	7.9	168	1.6	<0.1
SWAA 05		0.22	0.09	38.0	83	801	74	310	8.1	202	1.2	<0.1
SWAA 06		0.42	0.07	66.5	39	400	95	870	8.5	173	0.7	<0.1
SWAA 07		0.44	0.08	32.9	32	299	36	170	7.1	286	2.2	<0.1
SWAA 08		0.24	0.18	67.9	20	851	44	440	8.3	666	1.2	<0.1
SWAA 09		0.40	0.15	118.5	24	538	125	780	8.5	113	0.6	<0.1
SWAA 10		0.29	0.22	36.3	30	527	37	400	8.1	455	1.5	<0.1
SWAA 11		0.43	0.08	57.8	26	131	137	890	8.7	93	0.4	<0.1
SWAA 12		0.38	0.02	38.1	73	190	119	1280	8.5	120	0.7	<0.1
SWAA 13		0.45	0.12	58.8	31	262	140	440	8.7	60	0.6	<0.1
SWAA 14		0.33	0.04	48.0	33	225	110	350	8.5	172	0.6	<0.1
SWAA 15		0.37	0.06	101.5	78	362	115	850	8.1	211	1.4	<0.1
SWAA 16		0.24	0.10	34.5	20	160	81	530	8.3	136	1.4	<0.1
SWAA 17		0.41	0.07	30.3	96	300	58	440	8.3	763	1.5	<0.1
SWAA 18		0.24	0.02	78.1	31	373	37	510	8.5	398	1.1	<0.1
SWAA 19		0.40	0.20	135.5	14	712	161	1050	8.5	166	0.4	<0.1
SWAA 20		0.52	0.46	103.5	10	1350	92	1540	8.7	186	0.4	<0.1
SWAA 21		0.43	0.11	83.8	26	414	141	780	8.3	114	0.5	<0.1
SWAA 22		0.31	0.14	78.4	29	977	58	500	8.5	162	1.0	<0.1
SWAA 23		0.43	0.10	50.6	56	594	114	1780	8.5	272	1.2	<0.1
SWAA 24		0.52	0.34	45.2	56	259	75	970	8.7	184	0.9	<0.1
SWAA 25		0.50	0.07	87.3	27	300	133	290	8.5	253	0.7	<0.1
SWAA 26		0.22	0.05	39.6	16	302	40	320	8.3	70	2.4	<0.1
SWAA 27		0.47	0.24	57.7	415	458	105	400	7.9	649	7.2	0.1
SWAA 28		0.36	0.05	34.7	72	871	70	300	8.1	173	1.0	<0.1
SWAA 29		0.45	0.27	106.5	48	1090	126	1000	8.7	74	1.5	0.1
SWAA 30		0.39	0.34	62.9	36	906	108	1300	8.3	481	0.7	<0.1
SWAA 31		0.64	0.50	14.6	94	2020	16	30	8.1	118	2.2	0.1
SWAA 32		0.43	0.07	237	21	866	108	1400	8.7	311	0.7	<0.1

Comments: Samples submitted by Toni Eerola.

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method	WEI-21	ME-MS22	ME-MS22	ME-MS22	ME-MS22	ME-MS22	ME-MS22	pH-MS22	ME-MS22	ME-MS22	ME-MS22
	Analyte	Recvd Wt.	Au	Co	Cr	Cu	Ni	Zn	Final pH	Pb	Pd	Pt
	Units	kg	ppb	ppb	ppb	ppb	ppb	ppb	Unity	ppb	ppb	ppb
	LOR	0.02	0.02	0.3	1	1	1	10	0.1	1	0.1	0.1
SWAA 33		0.49	0.11	97.3	18	488	130	480	8.7	146	0.6	<0.1
SWAA 34		0.40	0.08	95.4	63	333	132	1210	8.5	119	0.9	<0.1
SWAA 35		0.33	0.48	59.2	43	770	58	910	8.3	162	1.1	<0.1
SWAA 36		0.25	0.04	43.0	18	343	70	220	7.9	128	0.8	<0.1
SWAA 37		0.40	0.06	66.6	63	414	74	50	8.5	231	2.7	<0.1
SWAA 38		0.47	0.15	25.2	75	389	63	340	8.4	145	1.1	<0.1
SWAA 39		0.48	0.11	16.3	70	197	58	350	8.7	134	1.3	<0.1
SWAA 40		0.30	0.06	91.7	26	259	77	330	8.1	192	1.0	<0.1
SWAA 41		0.44	0.10	86.5	13	467	130	90	8.5	37	1.5	<0.1
SWAA 42		0.48	0.14	97.1	62	515	139	350	8.5	524	1.3	<0.1
SWAA 43		0.43	0.38	84.3	60	1400	100	870	7.9	1050	1.9	<0.1
SWAA 44		0.33	0.15	71.6	28	668	76	770	7.1	863	2.9	<0.1
SWAA 45		0.41	0.11	80.1	54	886	114	440	6.8	119	0.7	<0.1
SWAA 46		0.32	0.03	54.5	49	143	91	390	8.5	204	0.7	<0.1
SWAA 47		0.45	0.02	79.3	63	223	222	1180	8.7	384	0.8	<0.1
SWAA 48		0.40	0.06	80.0	90	391	126	1400	7.7	1080	1.6	<0.1
SWAA 49		0.37	0.09	76.4	120	263	96	1140	7.4	376	2.3	<0.1
SWAA 50		0.35	0.09	114.5	67	506	162	1420	7.4	189	1.1	<0.1
SWAA 51		0.47	0.07	89.3	59	325	130	1260	7.7	447	0.8	<0.1
SWAA 52		0.44	0.11	125.5	14	698	152	630	8.1	142	0.6	<0.1
SWAA 53		0.37	0.08	99.1	69	273	138	600	8.1	324	1.2	<0.1
SWAA 54		0.41	0.03	100.5	1290	140	321	350	6.8	151	4.1	0.1
SWAA 55		0.34	0.06	60.0	89	336	102	1050	7.7	66	1.4	<0.1
SWAA 56		0.51	0.09	96.5	37	251	213	680	8.7	107	0.6	<0.1
SWAA 57		0.39	0.14	43.4	83	910	100	2220	8.3	239	2.0	<0.1
SWAA 58		0.45	1.41	55.9	128	755	110	1100	8.5	454	2.4	<0.1
SWAA 59		0.41	0.29	56.9	67	1125	90	550	8.3	537	1.3	<0.1
SWAA 60		0.35	0.12	61.9	68	250	73	920	7.9	594	2.7	<0.1
SWAA 61		0.40	0.18	99.0	17	667	69	480	8.1	67	1.4	<0.1
SWAA 62		0.46	0.13	101.5	26	867	97	580	8.3	304	1.1	<0.1
SWAA 63		0.39	0.16	113.5	43	865	106	870	8.1	435	1.4	<0.1
SWAA 64		0.32	0.07	54.4	45	484	63	970	7.9	374	1.1	<0.1
SWAA 65		0.35	0.02	41.2	50	1280	60	1340	8.5	151	1.2	<0.1
SWAA 66		0.39	0.13	73.1	35	617	118	680	7.9	289	1.0	<0.1
SWAA 67		0.35	0.03	117.0	479	321	350	330	6.8	148	2.6	<0.1
SWAA 68		0.30	0.08	56.8	82	355	228	1280	8.3	77	0.6	<0.1
SWKY16		0.27	0.35	160.5	2330	505	4070	400	7.4	91	2.2	0.1
SWKY17		0.30	0.39	117.0	3790	483	3710	1170	8.3	88	1.7	<0.1
SWKY18		0.26	0.32	181.5	3120	574	2420	540	7.4	79	1.4	<0.1
SWKY19		0.28	0.52	218	3070	741	3600	150	7.7	62	2.1	<0.1

Comments: Samples submitted by Toni Eerola.

ALS Finland Oy
Karjalankatu 1
Outokumpu FIN-83500
Phone: +358 (0)50 401 2822 Fax: +358 (0)13 550 329
www.alsglobal.com

To: **STONEROL OY**
ITÄMERENKATU 5
00180 HELSINKI

Finalized Date: 23-AUG-2012
Account: ROLSTO

Project: Not provided

CERTIFICATE OF ANALYSIS OT12179149

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	ME-MS22 Au ppb 0.02	ME-MS22 Co ppb 0.3	ME-MS22 Cr ppb 1	ME-MS22 Cu ppb 1	ME-MS22 Ni ppb 1	ME-MS22 Zn ppb 10	pH-MS22 Final pH Unity 0.1	ME-MS22 Pb ppb 1	ME-MS22 Pd ppb 0.1	ME-MS22 Pt ppb 0.1
SWKY20		0.28	0.12	121.0	1880	173	1680	900	7.4	221	0.7	<0.1
SWKY21		0.29	0.11	82.6	2270	150	1400	960	6.8	218	0.7	<0.1
SWKY22		0.35	0.07	107.5	3140	425	1280	60	7.7	137	1.2	0.1
SWKY23		0.30	0.14	156.5	431	456	1830	70	6.8	256	0.5	<0.1
SWKY24		0.32	0.32	199.5	1350	320	2680	60	8.3	127	0.9	<0.1
SWKY25		0.29	0.05	221	1250	329	3050	180	6.8	210	0.9	<0.1
SWKY26		0.32	0.10	77.2	1230	243	1190	180	6.8	209	1.0	<0.1
SWKY27		0.32	0.21	60.0	628	301	1240	110	6.8	99	1.1	<0.1
SWKY28		0.36	0.10	131.0	1540	355	2170	450	6.8	147	1.1	<0.1
SWKY29		0.51	0.13	111.5	2240	477	4150	140	6.8	62	2.7	0.1
SWKY30		0.50	0.24	79.4	3900	658	2140	200	6.8	125	4.9	0.1
SWKY31		0.52	0.21	65.7	3240	659	2050	120	8.1	77	3.6	0.1
SWKY32		0.40	0.26	17.5	1320	662	569	90	8.1	86	3.2	0.1
SWKY33		0.45	0.30	73.0	3450	345	892	360	8.1	218	6.8	0.1
SWKY34		0.34	0.07	21.9	807	251	444	20	6.8	39	1.4	<0.1
SWKY35		0.28	0.06	96.7	677	186	1060	110	6.8	57	1.0	<0.1
SWKY36		0.32	0.06	47.9	436	128	417	420	7.1	163	1.1	<0.1
SWKY37		0.26	0.04	49.0	154	132	288	340	6.8	136	0.6	<0.1
SWKY38		0.26	0.05	66.5	215	229	339	460	6.8	295	0.8	<0.1
SWKY39		0.32	0.24	39.0	385	304	259	80	8.3	53	2.1	<0.1
SWKY40		0.25	0.08	25.0	147	252	187	490	7.1	91	0.8	<0.1
SWKY41		0.35	0.07	28.0	203	338	193	470	7.1	87	1.2	<0.1
SWKY42		0.27	0.05	56.6	248	157	322	550	6.8	333	0.8	<0.1
SWKY43		0.35	0.10	46.5	403	176	485	80	7.7	95	1.4	<0.1
SWKY44		0.31	0.05	130.0	243	150	847	50	7.4	176	0.9	<0.1
SWKY45		0.28	0.07	41.2	263	148	339	260	7.1	118	0.9	<0.1
SWKY46		0.27	0.09	42.7	229	204	274	110	7.4	110	1.2	<0.1
SWKY47		0.33	0.04	65.3	117	128	262	280	7.1	202	0.6	<0.1
SWKY48		0.29	0.02	63.3	294	135	437	320	6.8	288	0.6	<0.1
SWKY49		0.29	0.04	67.7	327	66	447	650	6.8	249	1.0	<0.1
SWKY50		0.40	0.23	45.1	309	362	235	90	8.3	74	2.1	<0.1
SWKY51		0.39	0.11	25.0	223	380	99	110	8.3	76	1.7	<0.1
SWKY52		0.29	0.06	50.3	227	112	300	320	6.8	138	0.6	<0.1
SWKY53		0.31	0.03	31.4	196	113	425	610	6.8	116	0.7	<0.1
SWKY54		0.32	0.04	24.7	227	138	209	340	6.8	118	0.9	<0.1
SWKY55		0.37	0.06	36.3	338	155	234	40	7.4	49	1.0	<0.1
SWKY56		0.41	0.11	26.3	889	90	249	70	7.4	56	2.4	0.1

Comments: Samples submitted by Toni Eerola.

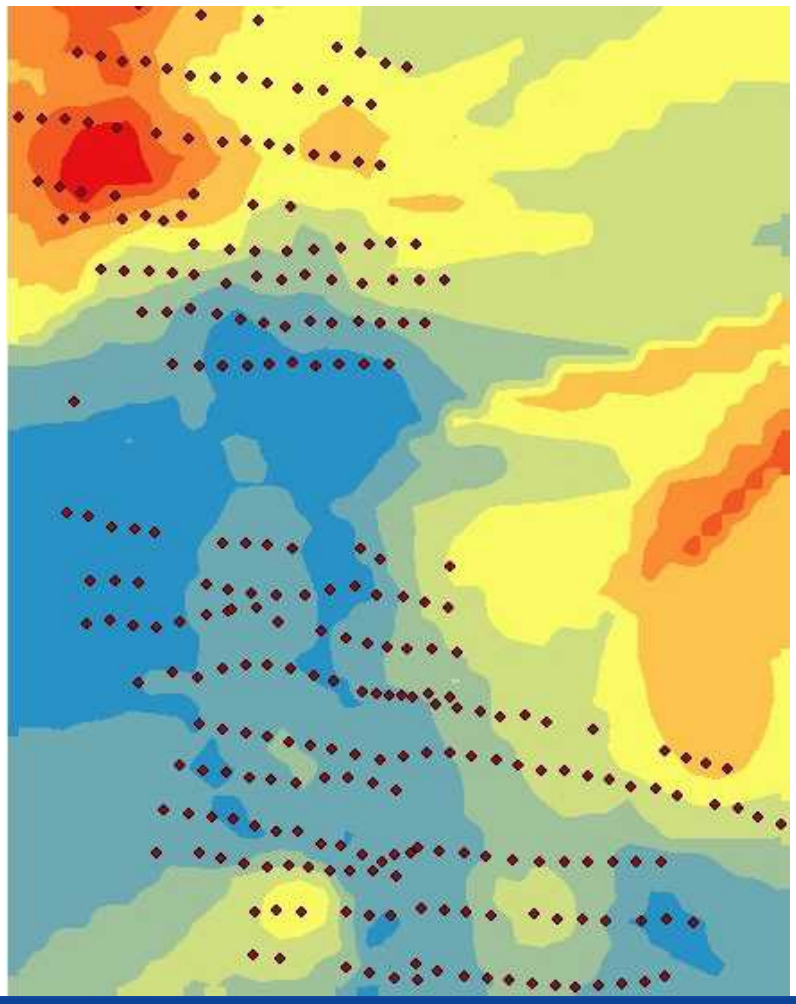
STONEROL

REPORT GEOLOGICAL ELEMENTAL ANOMALY MAPS FROM THE SALLA AREA

OCTOBER 5, 2012

Dr. Paul Evins and Mandana Mokhtary

from WSP Group



UNITED BY OUR DIFFERENCE

WSP

Geological Elemental Anomaly Maps from the Salla area

Stonerol OY

Stockholm, 2 October 2012 Revised

By: Paul Evins and Mandana Mokhtary

Assignment ref.: TBA	Stonerol OY: Elemental Anomaly Maps from the Salla area	
Dated: Stockholm, 1 October 2012	Report	
Revised:		
Representative: Paul Evins	Status: Final	

Table of Contents

1 Introduction

WSP was retained by Stonerol OY to perform statistical analysis and map representation of geochemical sample data from areas near Salla in eastern Finland. The agreed upon scope of work included:

- Cleaning the raw sample data files
- Transformation of sample data coordinates into a single coordinate system
- Statistical analysis of the sample data
- Representation of elemental assay data values with an anomaly map of each analysed element
- A written report that includes methodology, a summary of results from statistical analyses, and the anomaly maps.

Interpretation of the anomaly maps is not within the scope of this project. Paul Evins of WSP is an experienced geologist who has worked on several Au exploration projects in eastern Finland. He would be happy to interpret the anomaly maps along with the geology of the target areas on a Time and Materials basis.

2 Methodology and Participants

Excel spreadsheets were used by Paul Evins of WSP for the initial cleaning of the data set and initial statistical analysis. All duplicate analyses were removed. The following analyses lacked coordinates and were not included in the dataset: Koaa052, Koaa071, Koaa072, KOTIA115, Kova001, Kova002, Kova013, Kova014, Kova015, Kova016, Kova017, Kova018, SKAA031, SKTU148, SKTU149, TESTV4, TEV11. Two sets of coordinates were given for samples KOVA00, KOVA01 and KOVA02 and they were not included in the dataset. The following samples' coordinates were in reverse order and subsequently corrected: TEK13, TEK14, TEK15, TEK16, TEK17, TEK19, TEK20, TEK21, TEK22, TEK23, TEK24, TEK25, TEK26, TEK27, TEK28, TEK29, TEK30, TEK31, TEK32, TEK33, TEK34, TEK35, TEK36, TEK37, TEK38, TET39, TET40, TET41, TET42, TET43, TET44, TET45, TET46, TET47, TET48, TET49, TET50, TET51, TET52, TET53, TET54, TET55, TET56, TET57, TET58, TET59, TET60, TET61, TET62, TET63, TET64, TET65, TET66, TET67, TET68, TET69, TET70, TEV1, TEV10, TEV12, TEV2, TEV3, TEV4, TEV5, TEV6, TEV7, TEV8, TEV9. Samples Kotua115, TET44, SKKY45, SWTU085, SWTU086 did not contain analytical values and were not included in the analysis. In total, 1182 samples were used. Data range, maximum, minimum, mean, mode, median, variance, standard deviation, coefficient of variation, and skewness was calculated for each analysed element. Mandana Mokhtary of WSP performed statistical analyses and spatial analysis kriging of each element dataset in ArcGIS. All values below detection limit were set to 0 for spatial analysis kriging. An isotropic search radius with a minimum number of 12 points and maximum distance of 250 m was used for spatial analysis kriging. Output cell size was 50 m.

3 Results

3.1 Statistical analysis

The distribution of Co, Ni, Zn, Pb, and Pd values are relatively good with only slightly to moderately positively skewed histograms and coefficients of variation less than or near one. Variance is quite high with the Cr data resulting in a higher coefficient of variation. Variance is also substantial in the Ni, Zn, and Pb data, but lower standard deviations yield lower coefficients of variation. The high standard deviation relative to the mean for Au data is likely due to differences between the 4 map areas (i.e. they should be treated as separate domains).

Positive skewness is typical for Au and Cu concentration distributions. Over half of Pt concentrations are below detection limit (the mode is 0.1 ppb at detection limit) which indicates the wrong analytical method for chemical analysis was used (Table 1). For this reason, the Pt data should be treated with caution.

	Au	Co	Cr	Cu	Ni	Zn	Final pH	Pb	Pd	Pt
Max	6.92	842.0	15850.0	15300.0	10150.0	5550.0	9.0	2550.0	17.5	0.4
Min	0.02	10.3	3.0	31.0	16.0	10.0	6.8	3.0	0.3	0.1
Range	6.90	831.7	15847.0	15269.0	10134.0	5540.0	2.2	2547.0	17.2	0.3
Mean	0.18	78.0	755.7	509.0	452.3	511.1	8.0	136.4	2.3	0.1
Mode	0.07	105.0	227.0	240.0	140.0	80.0	8.3	49.0	1.2	0.1
Median	0.11	64.7	281.0	363.0	260.0	350.0	8.1	88.0	1.8	0.1
Variance	0.10	3338.9	1651159.8	376467.8	407420.2	284775.7	0.4	29858.0	3.6	0.0
StdDev	0.32	57.8	1285.0	613.6	638.3	533.6	0.6	172.8	1.9	0.0
Coefficient of Variation	1.78	0.7	1.7	1.2	1.4	1.0	0.1	1.3	0.8	0.3
Skewness	13.40	5.1	4.5	12.9	5.6	2.7	-0.6	5.8	2.9	5.9

Table 1. Calculated statistics for the entire dataset. Red highlighted values are relatively high and green highlighted values represent good (Gaussian histogram) distributions.

3.2 Anomaly Maps

Anomaly maps for each element where made for each of the four areas resulting in a total of 40 maps (Fig. 1). Figures 2 - 5 display the anomaly maps for each area. Full size images with legible legends are available in the electronic appendix. Please note that the data was not domained with respect to geology before statistical analysis and spatial analysis kriging. This means no relationship to the underlying geology was established or applied for spatial analysis kriging. Therefore spatial analysis kriging was performed over the entire area with an isotropic search ellipse with search distances relevant to the sample spacing. The anomaly maps should only be used as indicators of metallic trends and cannot be used for any type of resource estimation.

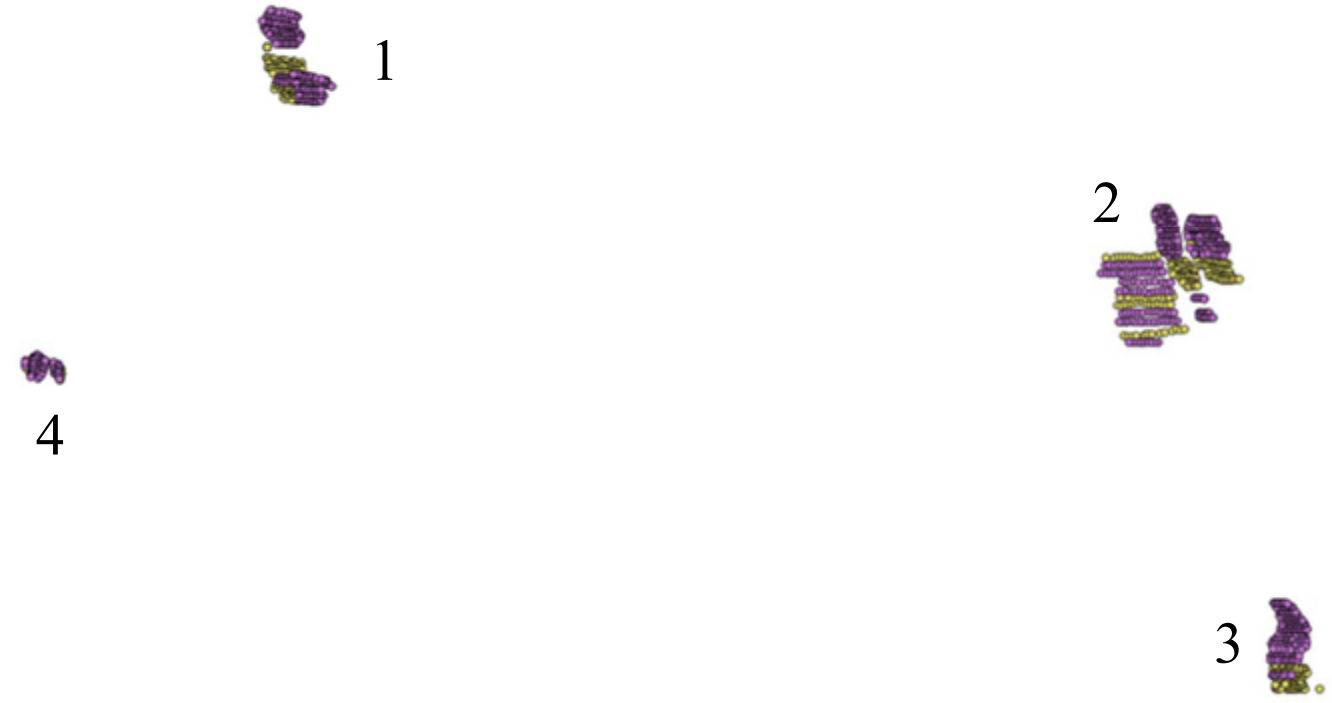


Fig. 1. The four areas that were kriged separately.

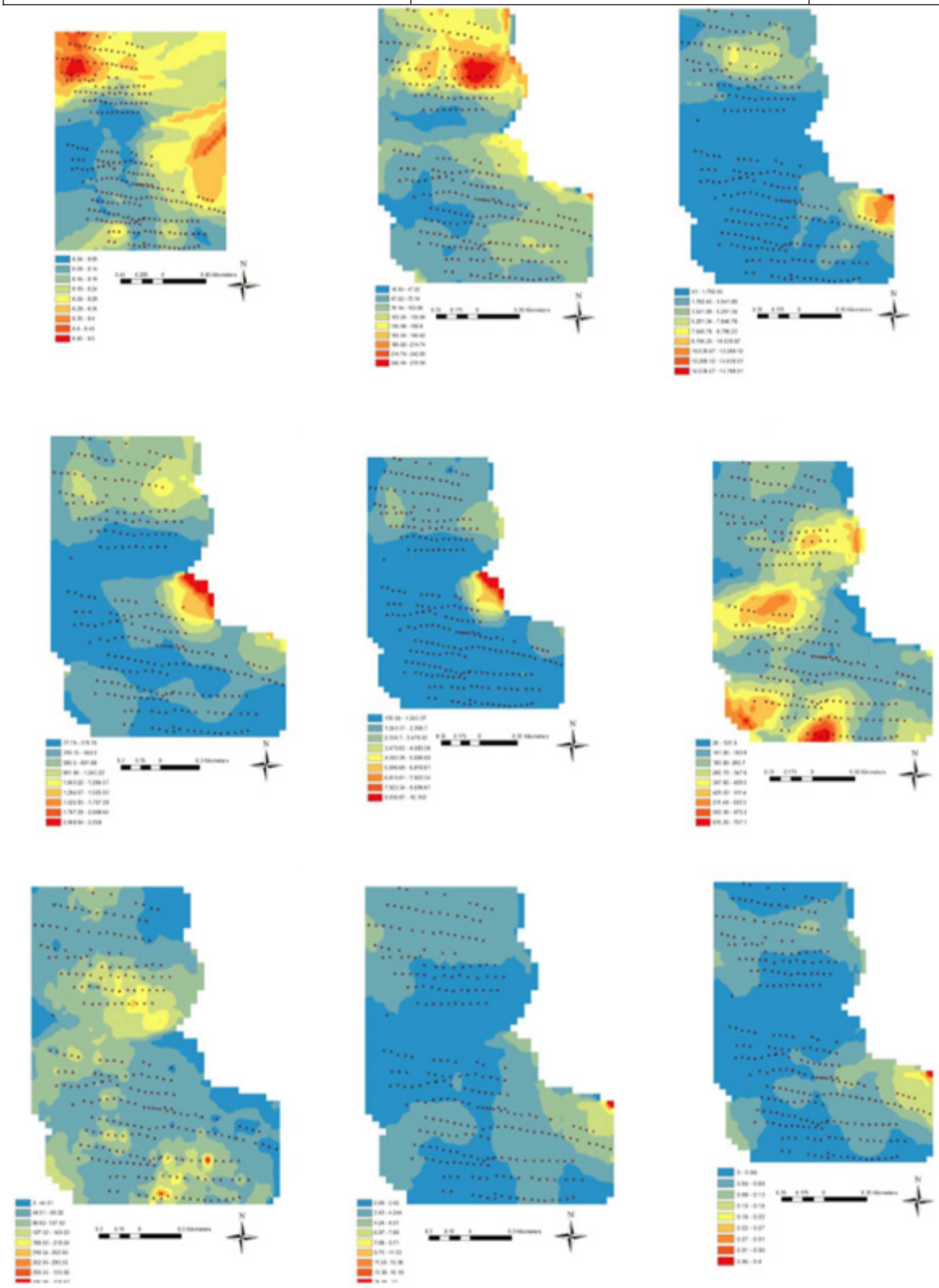


Fig. 2. Anomaly maps for area 1. Across and down from left to right: Au, Co, Cr, Cu, Ni, Zn, Pb, Pd, Pt.

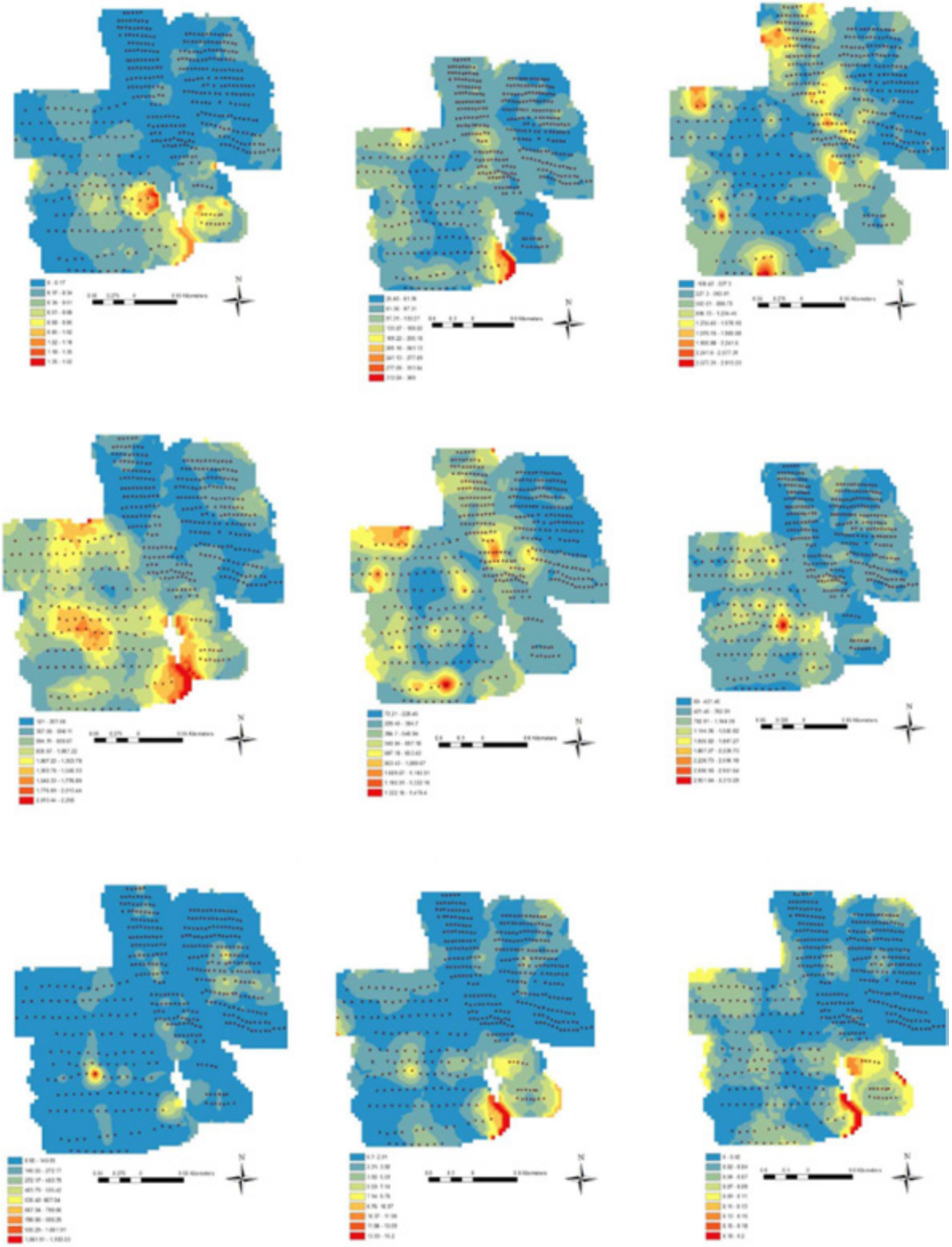


Fig. 3. Anomaly maps for area 2. Across and down from left to right: Au, Co, Cr, Cu, Ni, Zn, Pb, Pd, Pt.

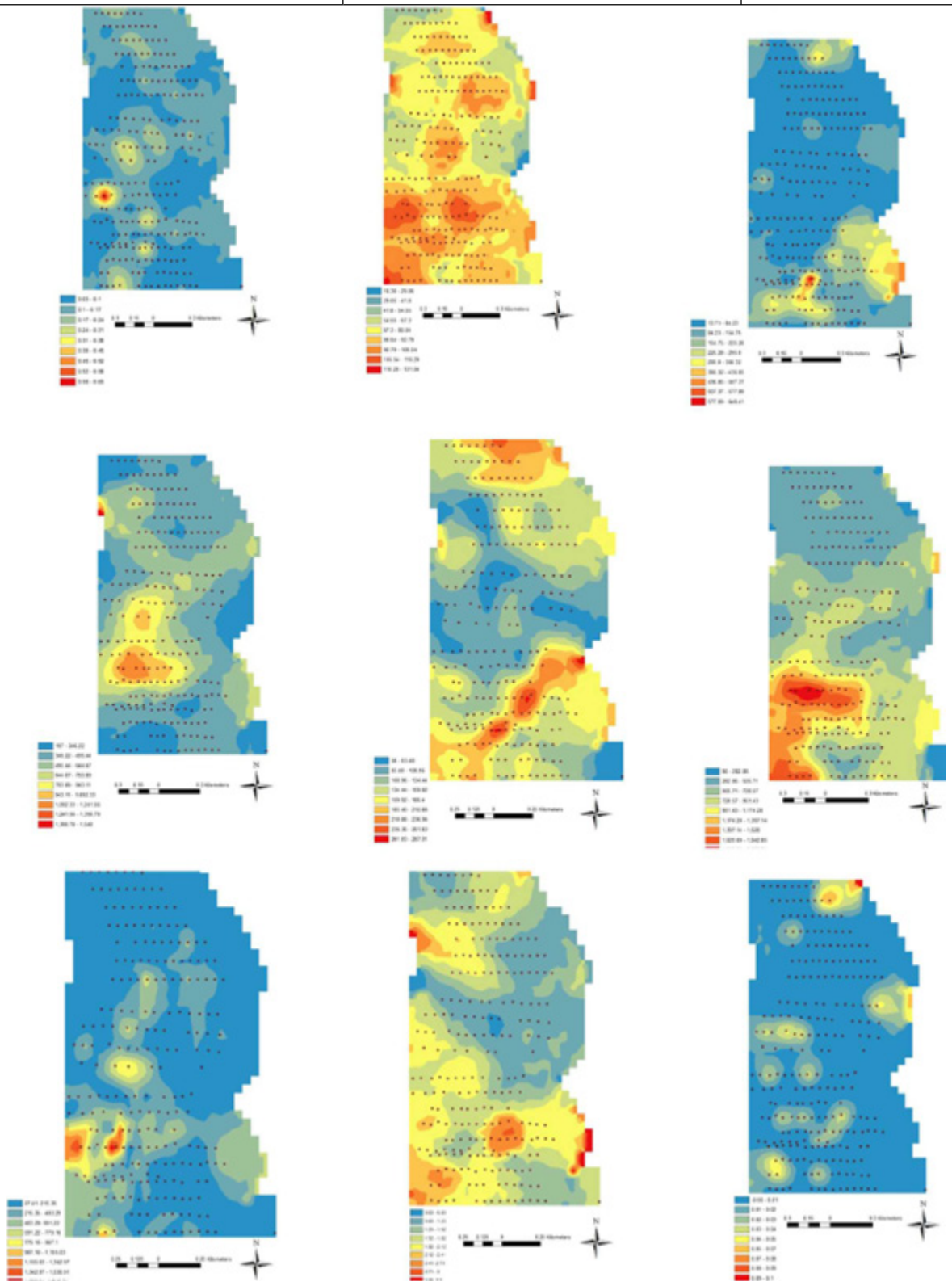


Fig. 4. Anomaly maps for area 3. Across and down from left to right: Au, Co, Cr, Cu, Ni, Zn, Pb, Pd, Pt.

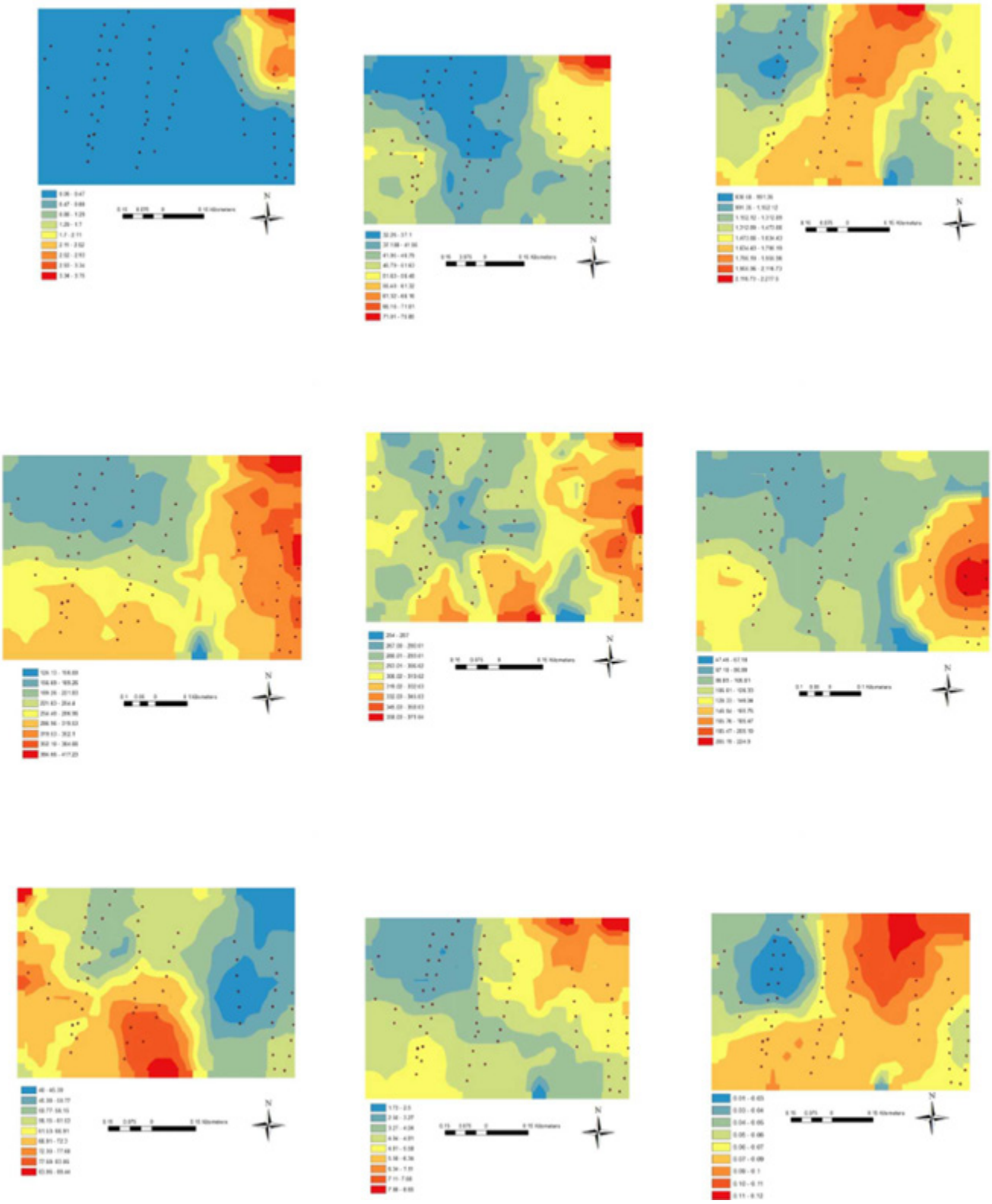


Fig. 5. Anomaly maps for area 4. Across and down from left to right: Au, Co, Cr, Cu, Ni, Zn, Pb, Pd, Pt.

4 Appendices

A – A zip file containing anomaly maps as .jpg in files for each element.

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FEBRUARY 2013

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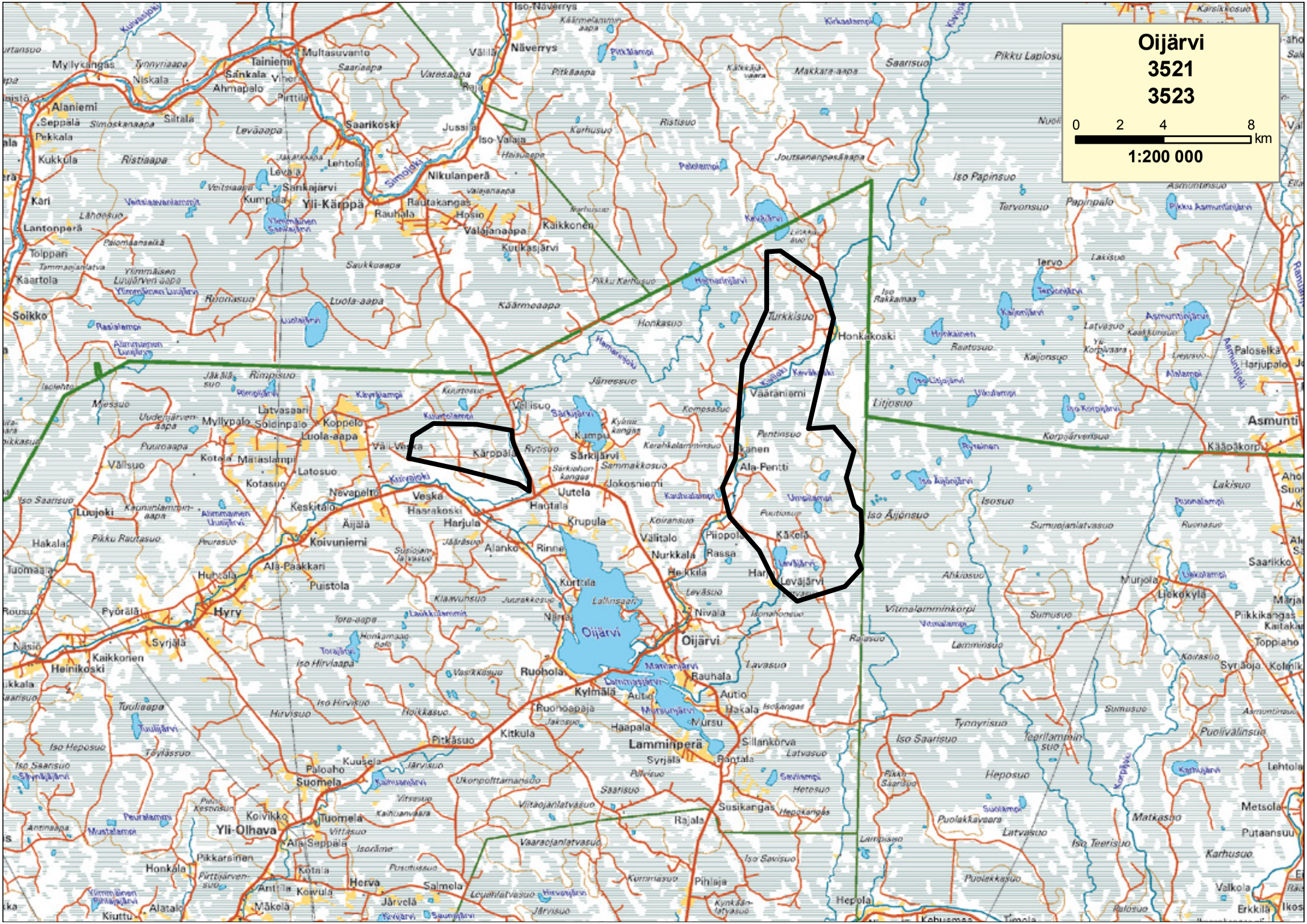
MAPS | CLAIM RESERVATION AREA:

Oijärvi

Lehmikumpu, Tervola

Ilomantsi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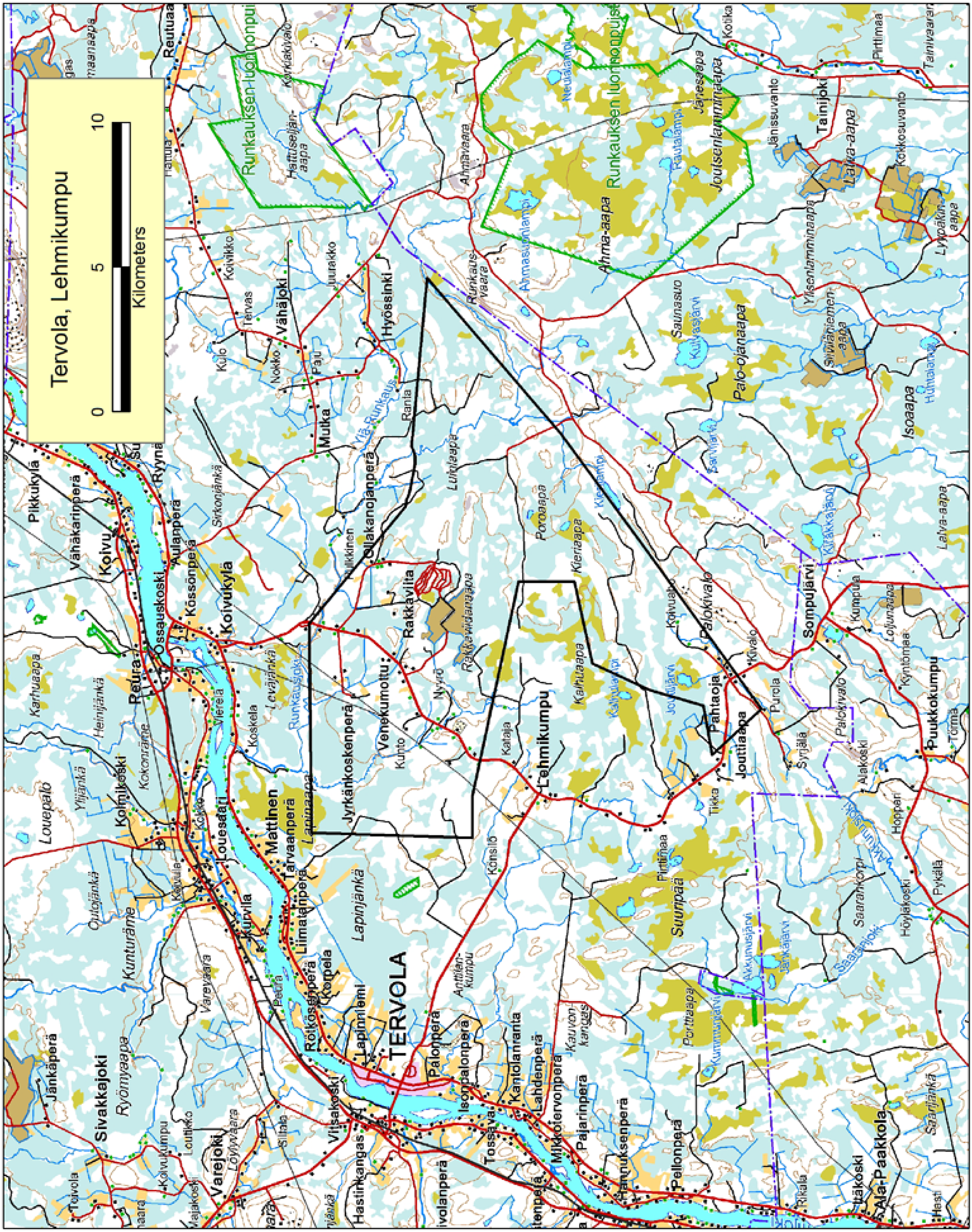
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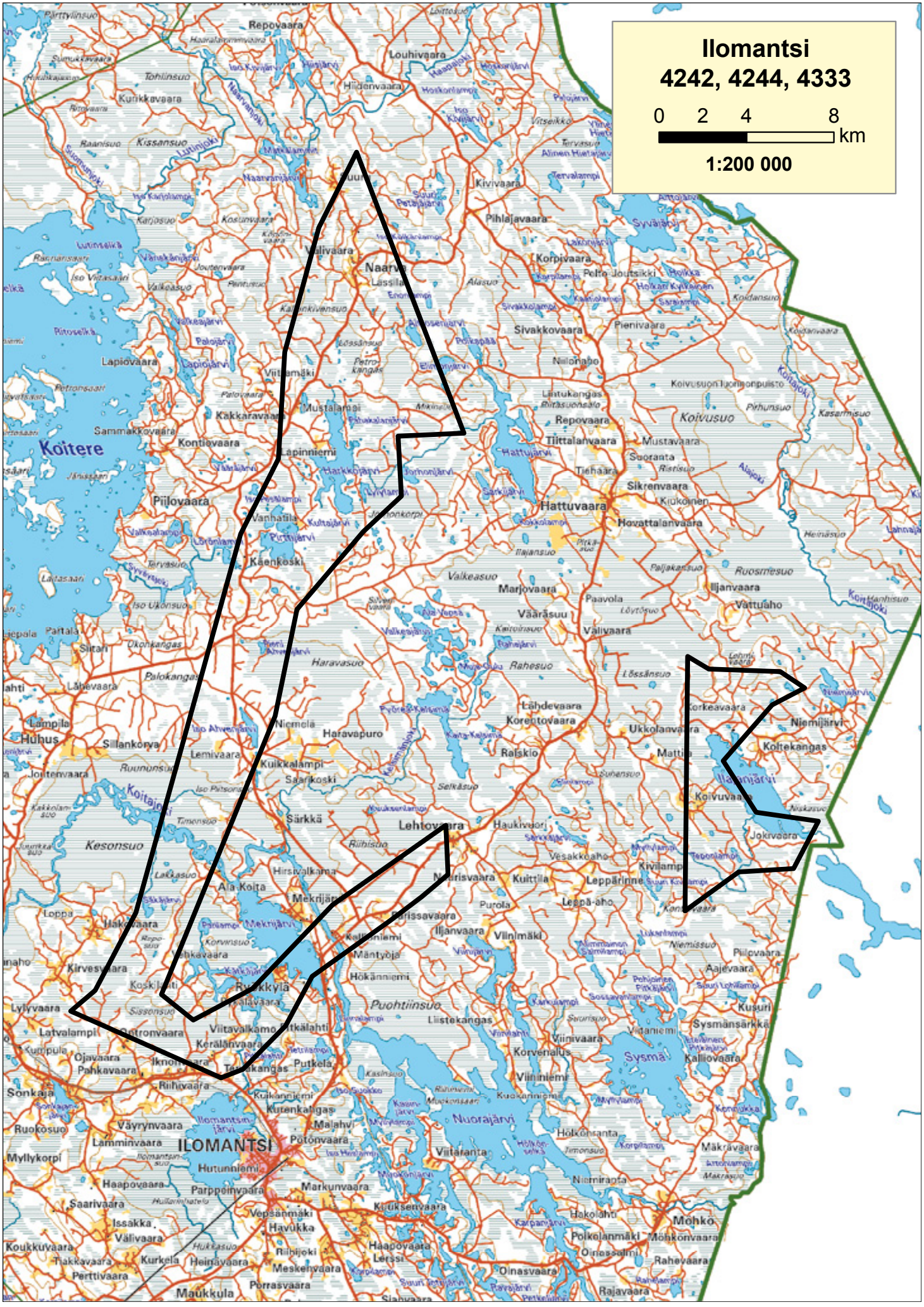
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ILOMANTSI
Koitere
Nuorajärvi
Puohtiinsuo
Kesonsuo
Sysmä
Koivusuo

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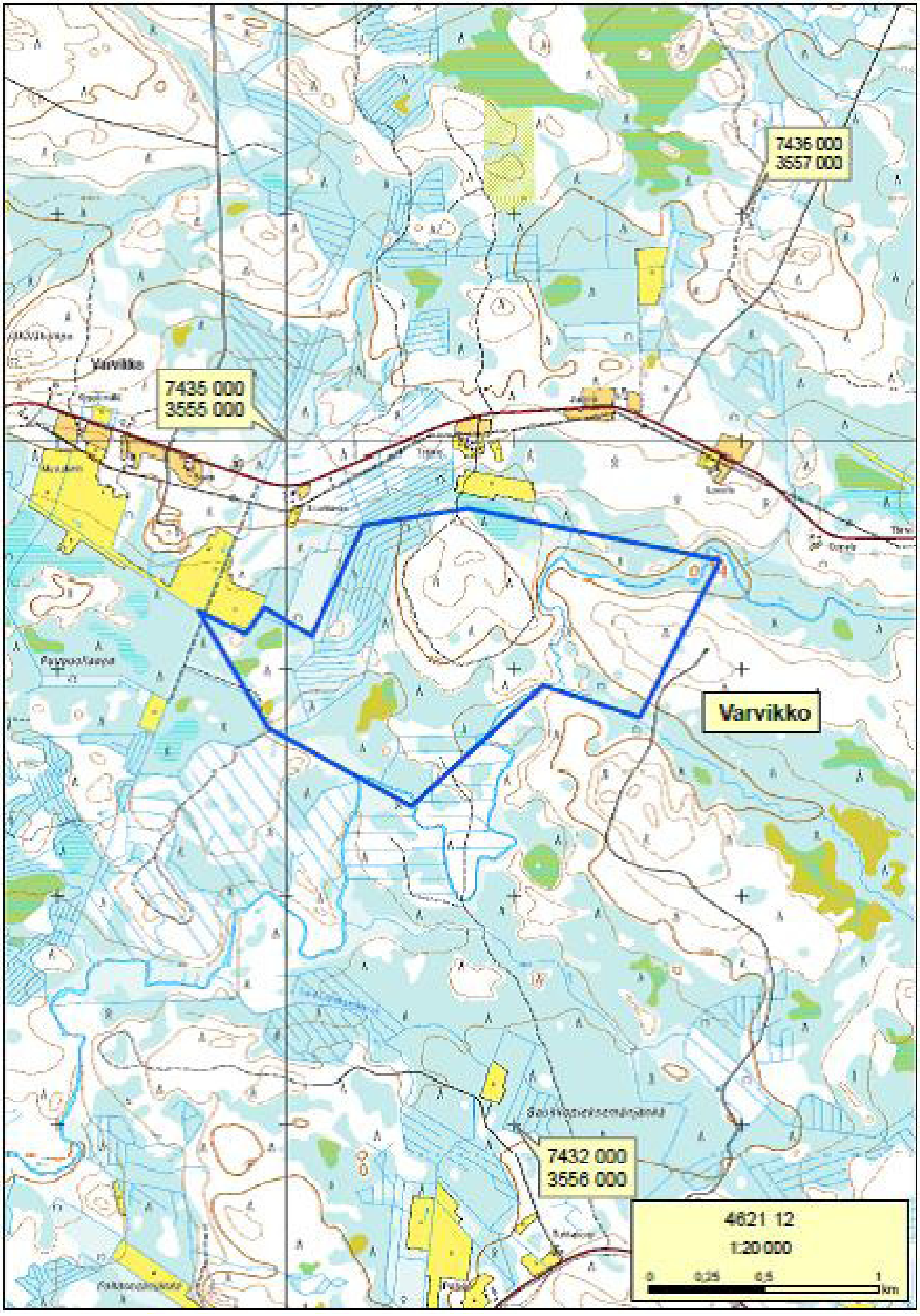
MAPS | CLAIM APPLICATION AREA:

Varvikko

Känespella

Tuohivaara

Aatsinki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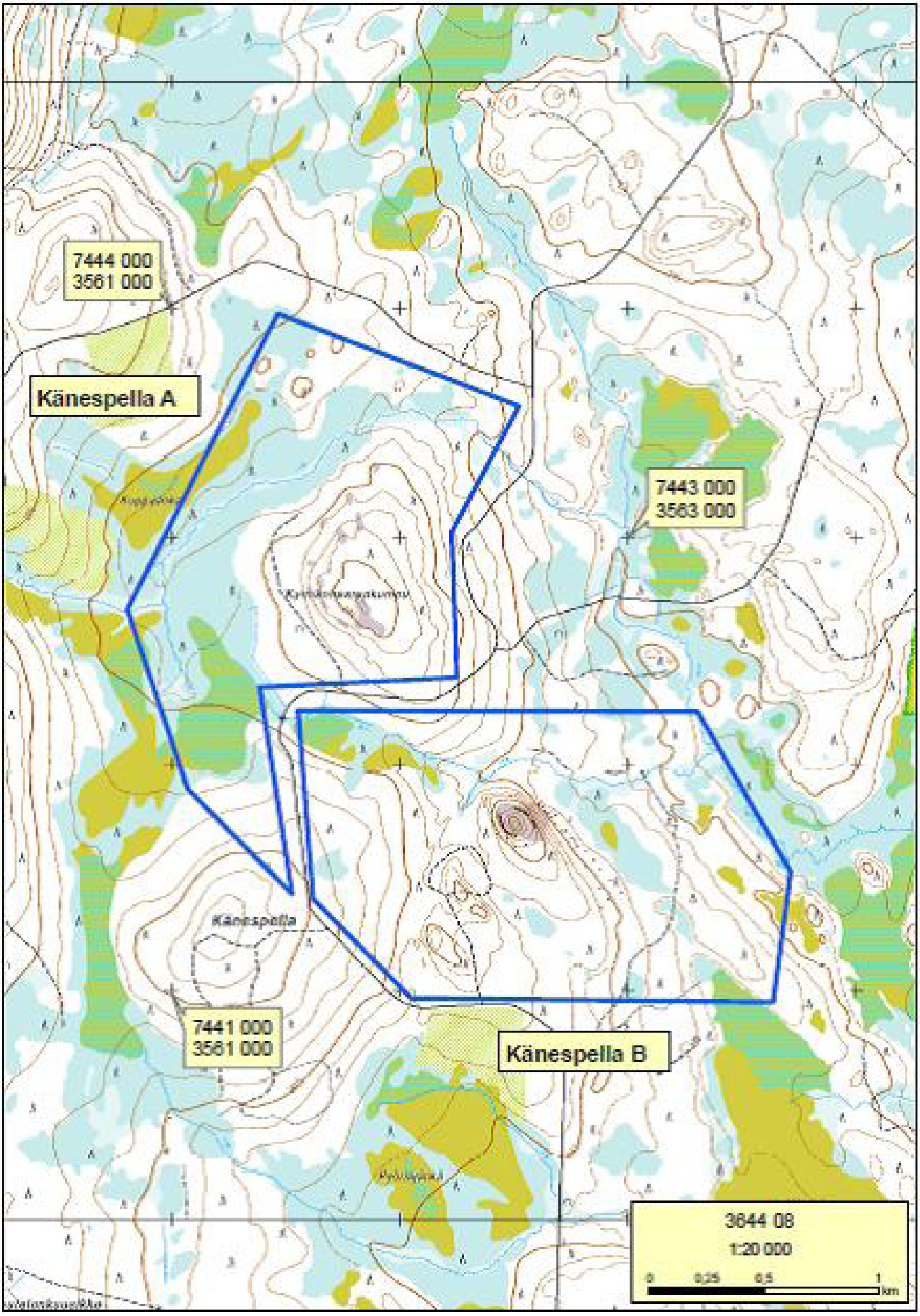
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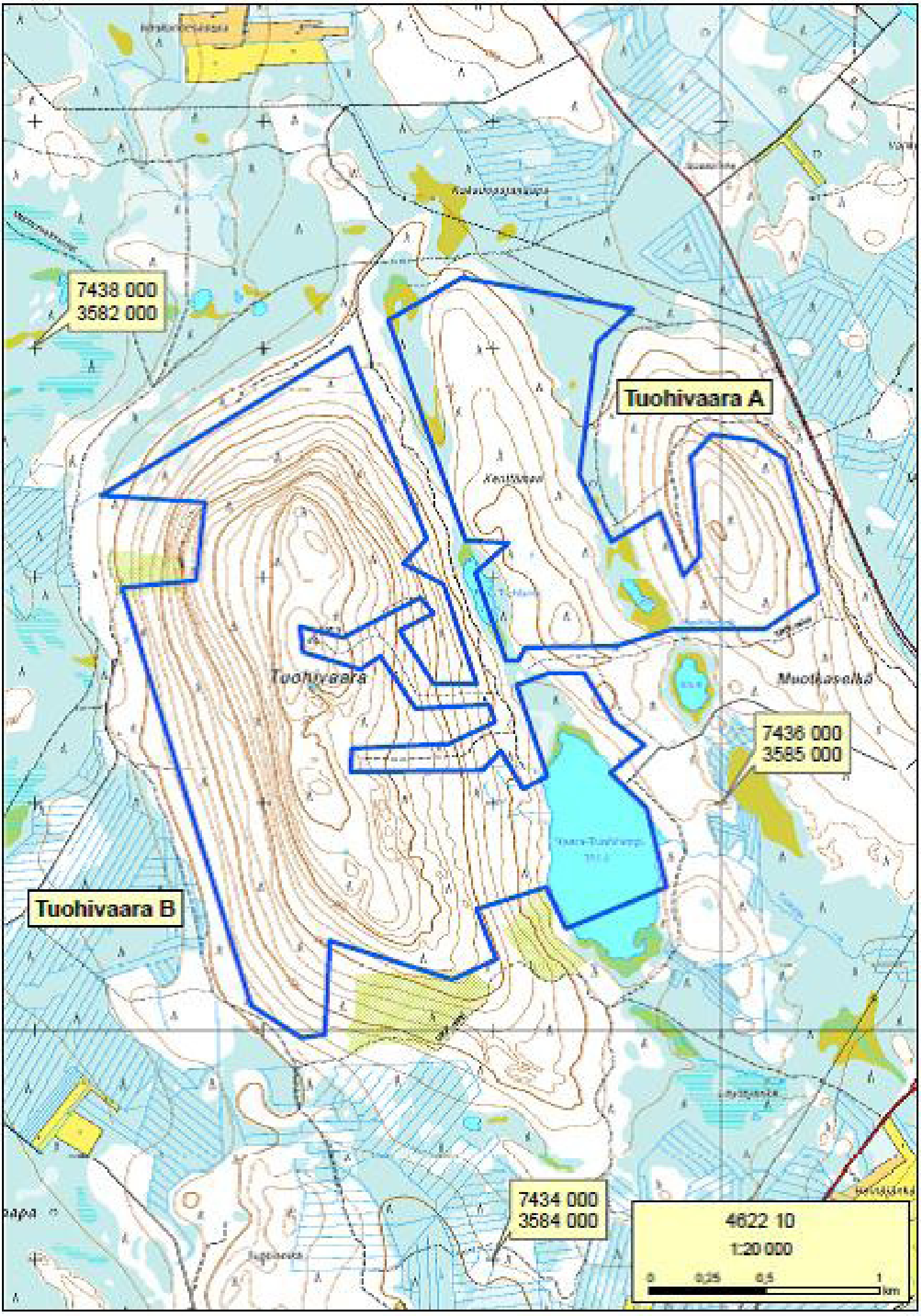
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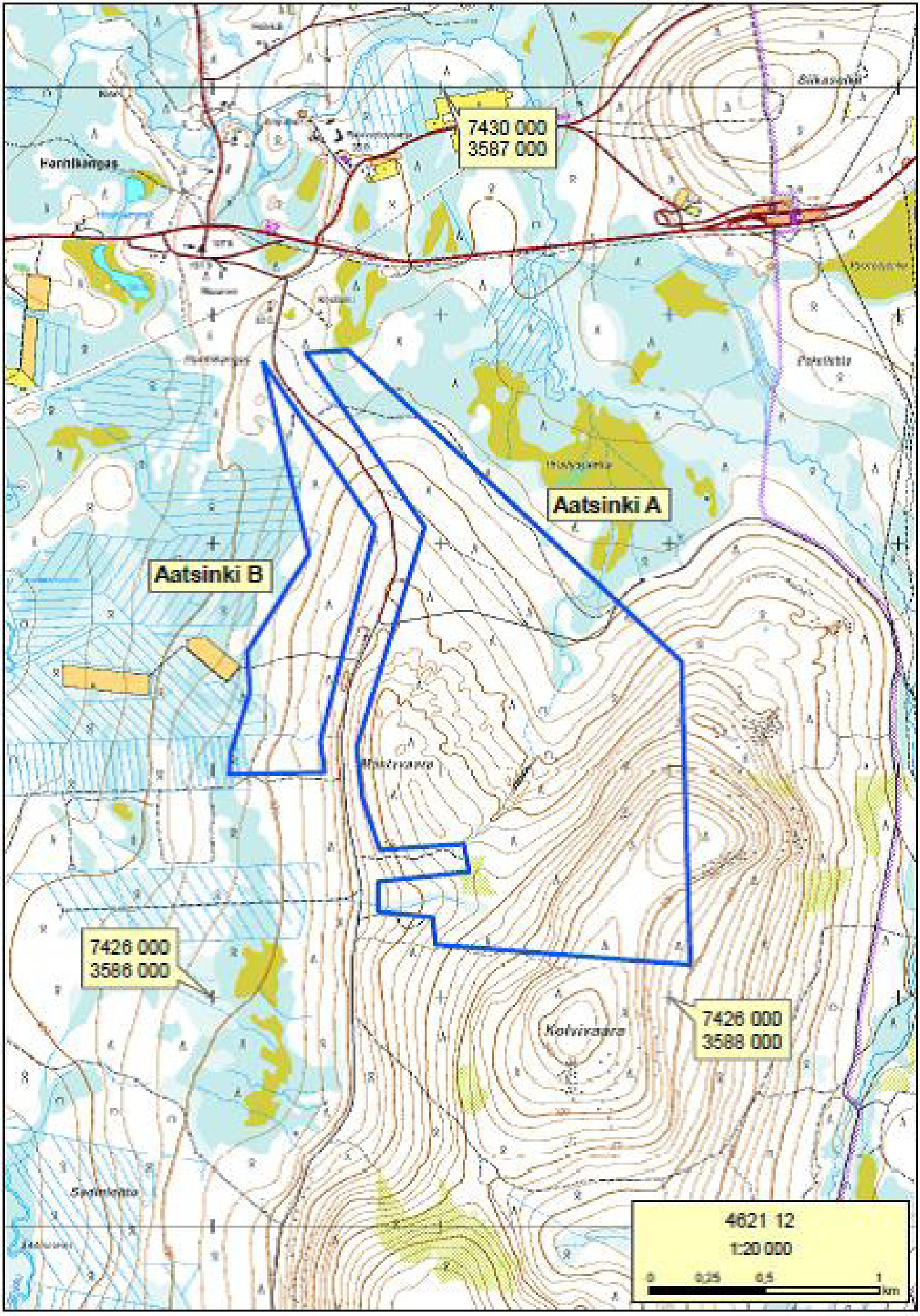
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STONEROL

PETSERVAARA VISIT AND MEETING WITH MR. ANTTI HERLIN

MARCH 19, 2013

STONEROL

25.02.2013

Dear Mr. Herlin,

On behalf of Stonerol Oy we approach you concerning a claim reservation we have made in the Petservaara-Koutoiva area (please see map enclosed).

Stonerol is a gold prospecting company that was founded in 2010. Please see our MANAGEMENT REPORT 2012 and our web site www.stonerol.com. We have claim reservations and claim applications in Salla and Aatsinki and are now going to enlarge our area. During the process we found that you own property in Petservaara. As we don't want to interfere with your personal plans we are contacting you.

We would like to tell you what we have in mind and where we are coming from. Since 1989 Dr. Markus Elsasser has been a private investor in the mineral resources industry. After long research he found the one country in the world best suited for us, and that is: Finland. As a privately owned company working in green field exploration, we are independent and follow our own vision. To us it is most important to work with and support people in the local environment. In Salla we started investigations last summer with gentle prospecting work with six geology students. We see that it can be very rewarding to work in so far unexplored areas in Finland.

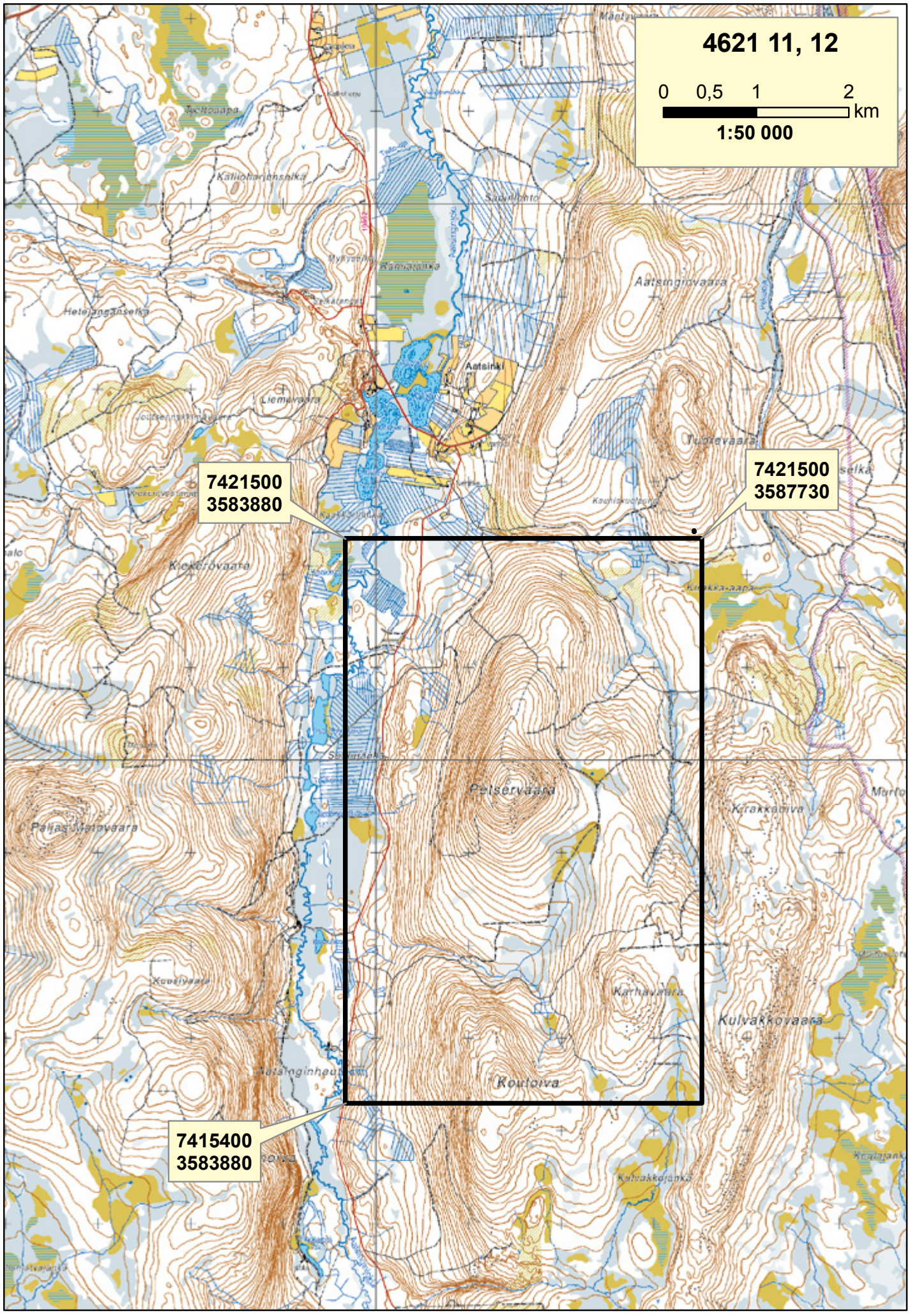
Perhaps we can interest you to join us in our vision and enterprise.
Dr. Markus Elsasser will visit Helsinki on March the 19th and we would very much appreciate a personal meeting with you to discuss future plans if you happen to be available that afternoon.

Yours very sincerely,

Ann Bjurström
Managing Director, Stonerol Oy
+358 400801150, bjurstromann@gmail.com

Markus Elsässer,
Chairman, Stonerol Oy
+49 211 13866405, markus.elsasser@gmail.com

www.stonerol.com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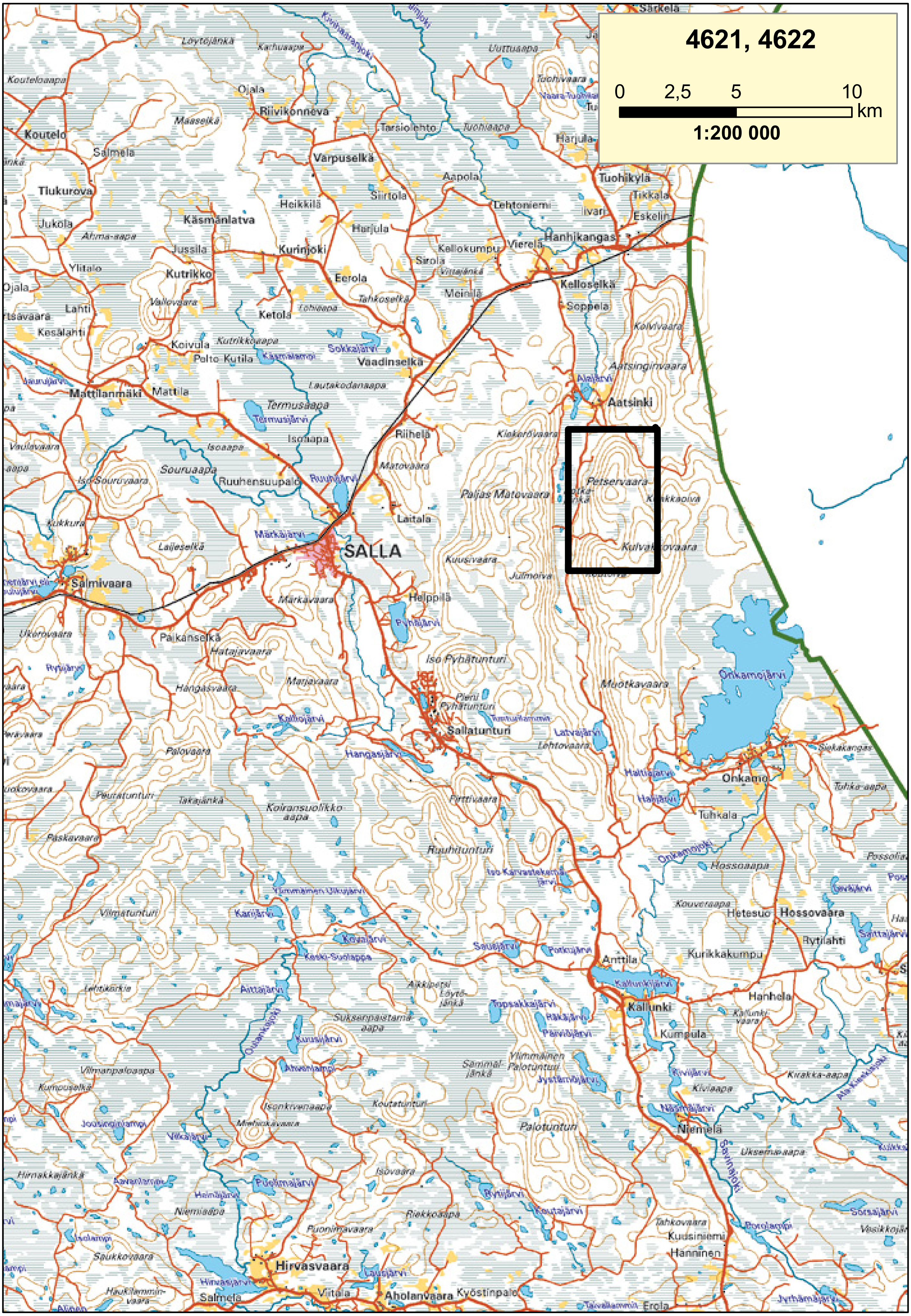
7415400
3583880
Aatsinki
Petservaara
Routoiva
Karhavaara
Kulvakkovaara
Aatsinginvaara
Kiekerovaara
Palias-Matovaara
Krakkaoiva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Löytöjänkä
Kaihuaapa
Uuttuaapa
Kouteloaapa
Ojala
Riivikonneva
Maaselkä
Tarsiolehto
Tuohiaapa
Tuohivaara
Koutelo
Salmela
Harjula
Varpuselkä
Tiukurova
Aapola
Tuohikylä
Heikkilä
Siirtola
Tikkala
Lehtoniemi
Ivari
Eskelin
Jukola
Käsmänlatva
Harjula
Ahma-aapa
Hanhikangas
Jussila
Kurinjoki
Kellokumpu
Vierelä
Sirola
Ylitalo
Kutrikko
Eerola
Kelloselkä
Ojala
Meinilä
Tahkoselkä
Soppela
Lahti
Ketola
Lohiaapa
Koivivaara
Kesälahti
Koivula
Kutrikkoaapa
Sokkajärvi
Polto Kutila
Vaadinselkä
Aatsinginvaara
Lautakodanaapa
Mattilanmäki
Mattila
Termusaapa
Aatsinki
Termusjärvi
Riihelä
Ischapa
Kiekerövaara
Isoaapa
Souruaapa
Matovaara
Petservaara
Iso Souruvaara
Ruuhensuupalo
Ruuhijärvi
Paljas Matovaara
Laitala
Kukkura
Märkäjärvi
Laijeselkä
SALLA
Kulvakkovaara
Kuusivaara
Salmivaara
Julmoiva
Märkävaara
Helppilä
Ukorovaara
Paikanselkä
Pyhäjärvi
Hatajavaara
Iso Pyhätunturi
Marjavaara
Hangasvaara
Muotkavaara
Onkamojärvi
Pieni Pyhätunturi
Kallojärvi
Sallatunturi
Latvajärvi
Lehtovaara
Palovaara
Hangasjärvi
Siekakangas
Haltiajärvi
Onkamo
Tuhka-aapa
Peuratunturi
Takajänkä
Koiransuolikko aapa
Pirttivaara
Haisjärvi
Tuhkala
Paskavaara
Ruuhitunturi
Onkamojoki
Hossoaapa
Vilmatunturi
Karijärvi
Kouveraapa
Hetesuo
Hossovaara
Rytilahti
Kurikkakumpu
Saunajärvi
Anttila
Lehtikarkia
Aittajärvi
Aikkiperä
Löytöjänkä
Kallunkijärvi
Hanhela
Kallunki
Suksenpaistama aapa
Kallunkivaara
Kumpula
Vilmanpaloaapa
Kumpuselkä
Sammaljänkä
Ylimmäinen Palotunturi
Kiviaapa
Kirakka-aapa
Isonkivenaapa
Koutatunturi
Niemelä
Palotunturi
Uksemaaapa
Hirnakkajänkä
Isovaara
Niemiaapa
Riekkoaapa
Tahkovaara
Puonimavaara
Kuusiniemi
Saukkovaara
Hanninen
Hirvasvaara
Haukilammin-vaara
Salmela
Viitala
Aholanvaara
Kyöstinpalo
Erola

STONEROL

21.03.2013

Dear Antti,

Thank you for your time and the very pleasant meeting we had on Tuesday the 19th of this month. I have phoned Maija Viikinen at TUKES (Turvallisuus ja Kemikaalivirasto) who has handled our Petservaara-Koutoiva claim reservation (VA2012:0178) and confirmed our decision to abandon it also by e-mail.

Dr. Elsasser is a man of many talents and many interests but what he really burns for is his prospect to start a gold mine in Finland. I therefore take the liberty to send you some background information about him and about his other enterprise NASSIM GOLD SA. Life has mysterious ways, perhaps you and Markus will meet again and find a prospect of mutual interest.

I wish you good hunting at beautiful Petservaara

Yours very sincerely

Ann Bjurström

STONEROL OY
Itämerenkatu 5, 00180 HELSINKI
+358 9 4730 3830, stonerol.fi@gmail.com

STONEROL

REPORT ON PROJECT DEVELOPMENT

MAY 16, 2013

for Stonerol Oy by Markku Iljina

Table of Contents

Executive summary

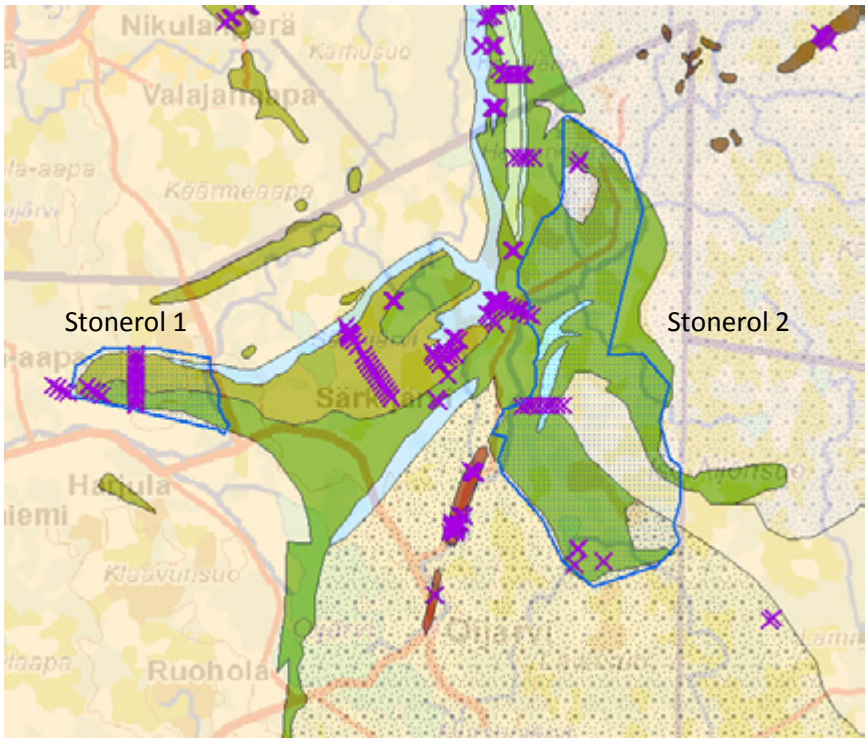
Assessment of target areas

Salla

- Obviously technically unsuccessful MMI sampling, see the separate Chapter
- Controversial MMI results

Further action: -Discussions with GTK MMI specialist, possible field visit for outcrop/boulder sampling
-Computer based structural interpretation and Au potentiality mapping by GTK (2-3 days)

Ii, Oijärvi



Stonerol oy claim notifications in Oijärvi. Blue crosses show GTK drill holes.

Stonerol 1: Complete drill hole profile across the claim reservations. Obviously insignificant Au:
Tentatively recommended to be relinquished

Further actions: Acquire drill hole assay data

Stonerol 2: More poorly known, GTK researches anticipates the existence of komatiite, which are critical for Au:
Tentatively recommended **to keep**

Tervola, Lehmikumpu

Best land holding

Has central and critical location within active exploration area conducted by FQM and Mawson Resources, see the separate Chapter

Ilomantsi

- Short phone discussion with Peter Sorjonen-Ward:
  - Only little work done on Stonerol oy Claim reservations
  - Peter described an alteration zone, location? (alteration zone critical for Au)
  - Poor outcropping

Further actions: Continue discussions/emails with Peter and some other GTK geologists

Mining register data

Stonerol Oy land holding by 26th of April, 2013, is presented in the Table 1.

Table 1. Stonerol Oy land holdings on 26th of April, 2013.

	Reg. ID	Applied	Granted
Applications for an ore prospecting permit			
Group: **Salla**			
Varvikko	ML2012:0119-01H	15.6.2012	
Tuohivaara A	ML2012:0120-01H	15.6.2012	
Tuohivaara B	ML2012:0120-01H	15.6.2012	
Känespella A	ML2012:0121-01H	15.6.2012	
Känespella B	ML2012:0121-01H	15.6.2012	
Aatsinki A	ML2012:0122-01H	15.6.2012	
Aatsinki B	ML2012:0122-01H	15.6.2012	
Reservation notification			
Group: **Ilomantsi**			
Ilomantsi 1	VA2912:0018-01	20.1.2012	24.9.2019
Ilomantsi 2	VA2012:0019-01	20.1.2012	24.9.2012
Group: **Ii**			
Oijärvi 1	VA2012:0020-01	20.1.2012	24.9.2012
Oijärvi 2	VA2012:0021-01	20.1.2012	24.9.2012
Grou: **Tervola**			
Lehmikumpu		20.1.2012	29.10.2012

Tervola, Lehmikumpu

Lehmikumpu is ranked a top land property (Figs 1-2):

- Mawson Resources has reported extraordinary good outcrop and drill hole Au assay values.
- Pyhäsalmi Mine Oy (now FQM) has been very active in the area for years (note new claims in the Fig. 1).
- Old GTK Cu indications in bedrock in the area.
- Stonerol Oy property has the same lithological setup as the area where active exploration concentrated.

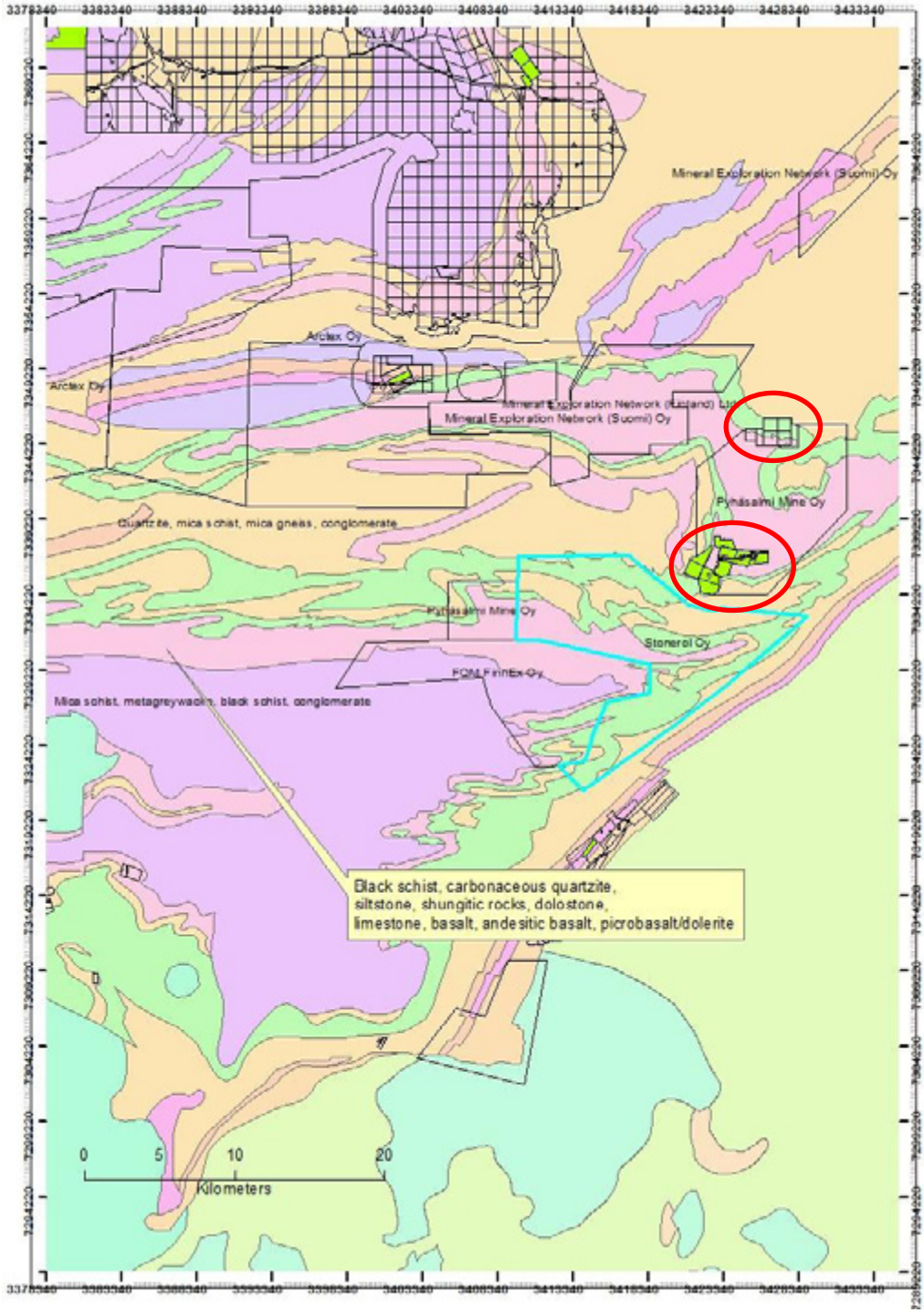


Fig. 1. Stonerol Oy Lehmikumpu claim reservation and neighbouring claims and claim reservations on the geological map. New Pyhäsalmi Mine Oy (now FQM) claims circled by red.

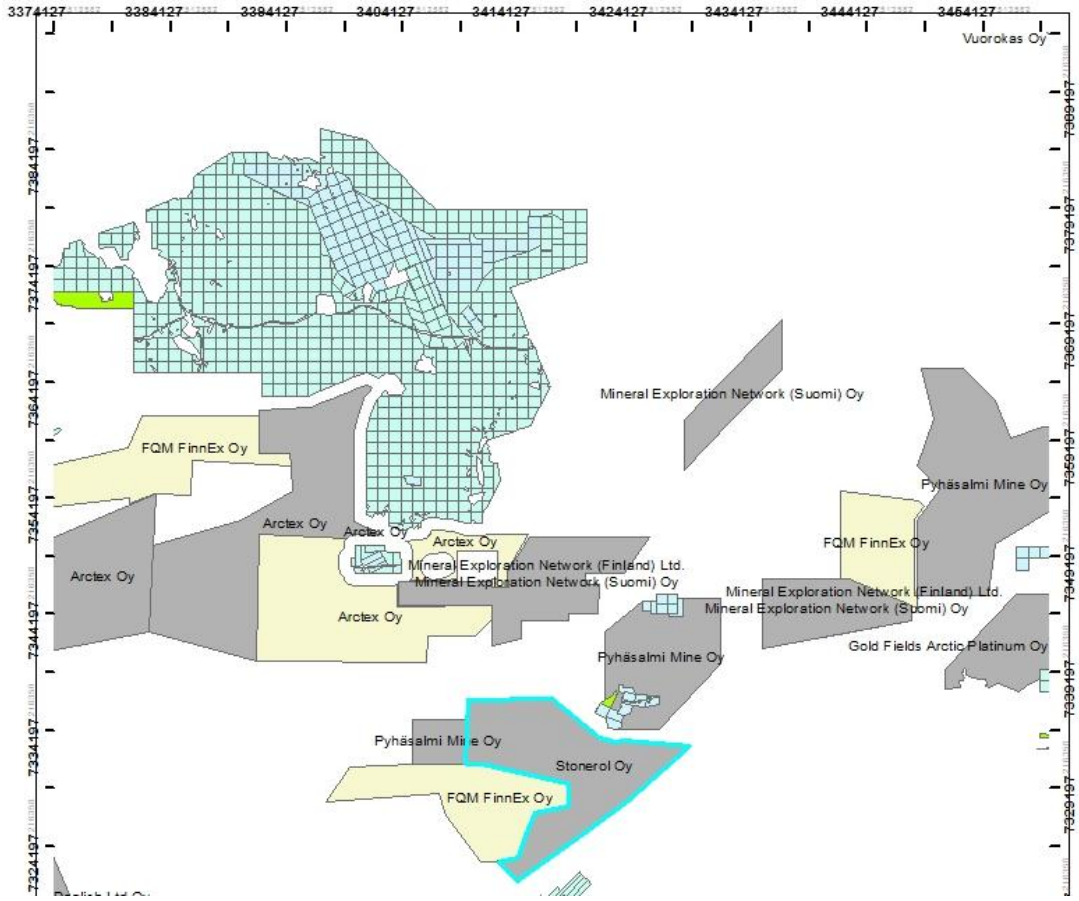


Fig. 2. *Fig. 1. Stonerol Oy Lehmikumpu claim reservation and neighbouring claims and claim reservations.*

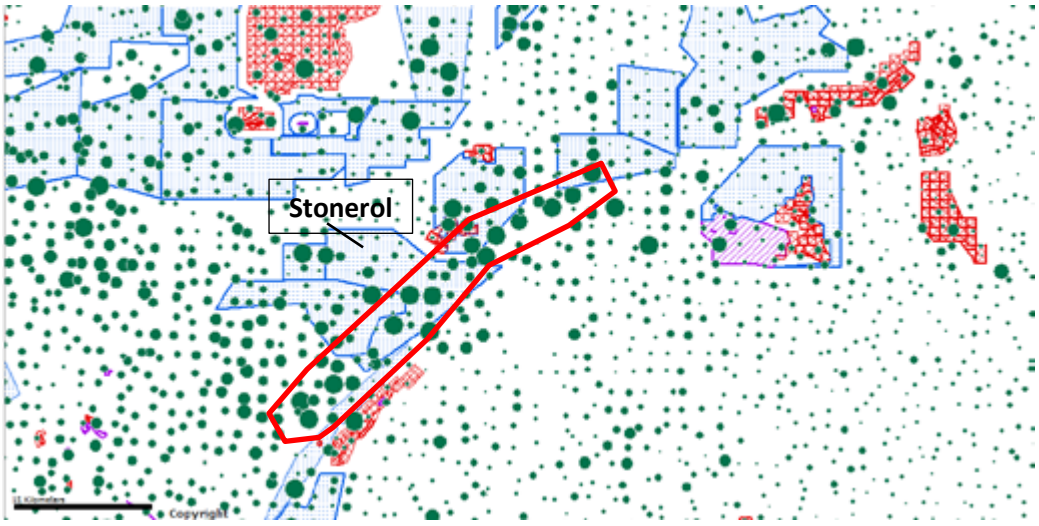


Fig.3 GTK till geochemical data. Copper anomalous zone marked by red line.

Salla

First observation was the poor technical condition of the data bases. For example 66 sample points were having identical location i.e. they were plotted above each other in WSP figures. A number of assays were missing from WSP data base. These and numerous other confusing inaccuracies corrected. Further errors identified and efforts to review them are underway.

The processing of MMI results were done by separately for each four target areas: Varvikko, Tuohivaara, Känepella and Aatsinki. The calculation of the **Respond Ratio** (RR) was in a following way:

• Values 'less than' were substituted by a value half of the elements' detection limits.
• Determine the lowest 25% (lowest quartile) of the data for each of the four target area.
• The background value is the average value of the lowest quartile (25%) of the element data
• **Response ratios** are calculated by dividing each sample value by the background value.

Results of the RR calculations for each four targets are presented in the Figures 4-7. Results turned out controversial. Only few more clearly Au anomalous subtargets can be figured out.

Reason for these controversial results may derive from:

- The weather was described to have been drizzly or rainy. The rain can wash loosely attached metal ions resulting lowered metal concentrations. This may lower the background and the few "unwashed" samples show unrealistic high Response Ratio. This can also result in loosing real high grade samples.

(The pH of the samples varied considerably, 6.8-9.0, which needs to discussed with an MMI expert)

Key for interpretation of the figures 4-7:
Response Ratio (RR):

- 0-2 Background
- 2-5 Slightly anomalous
- 5-20 Anomalous
- 20-… May indicate ore grade Au concentration in bedrock.

Due to numerous extraordinary high RR the classes 0-2 and 2-5 are combined in the figures for clarity reasons.

VARVIKKO

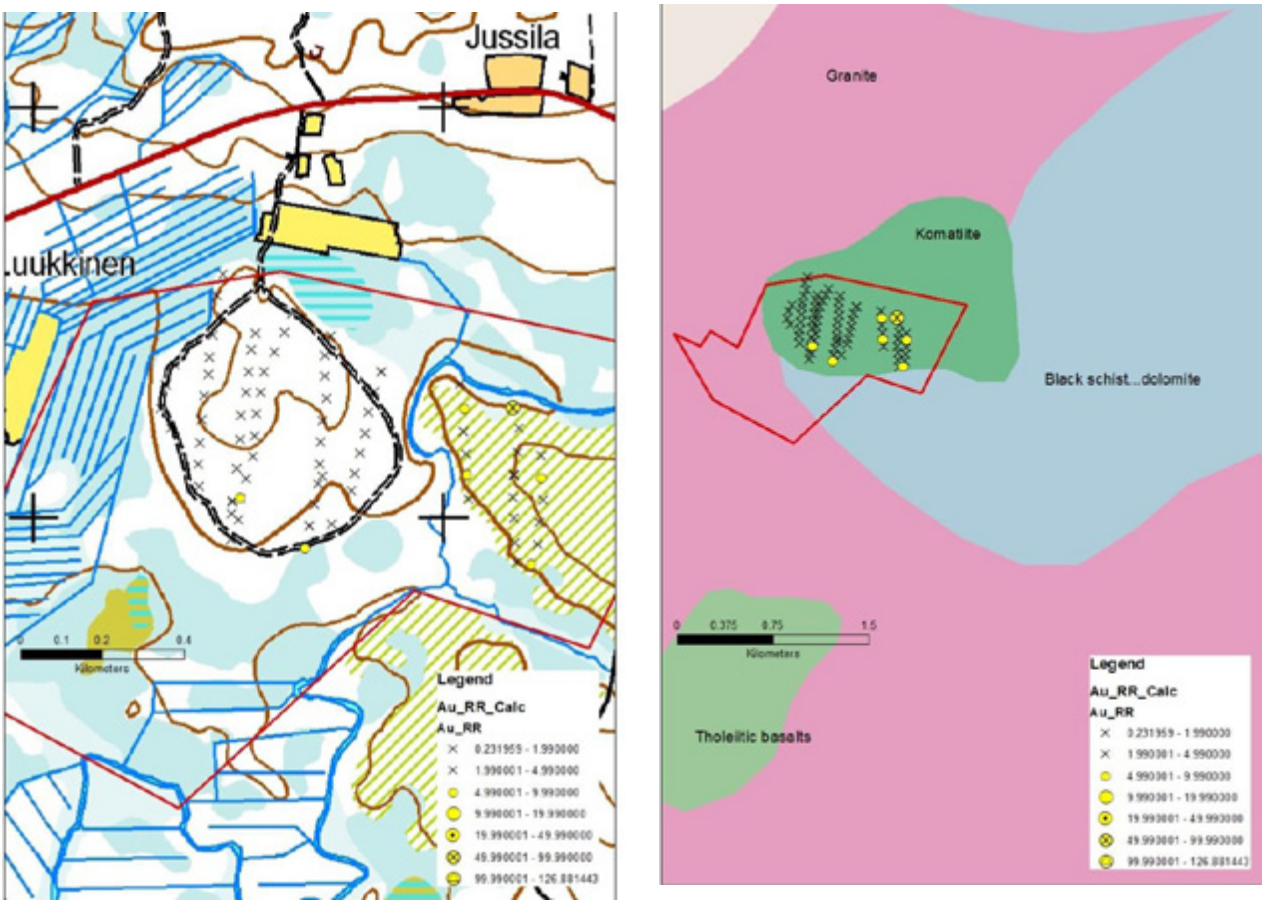


Fig. 4. Response Ratio plotted over topographic and geological map.

KÄNESPELLA

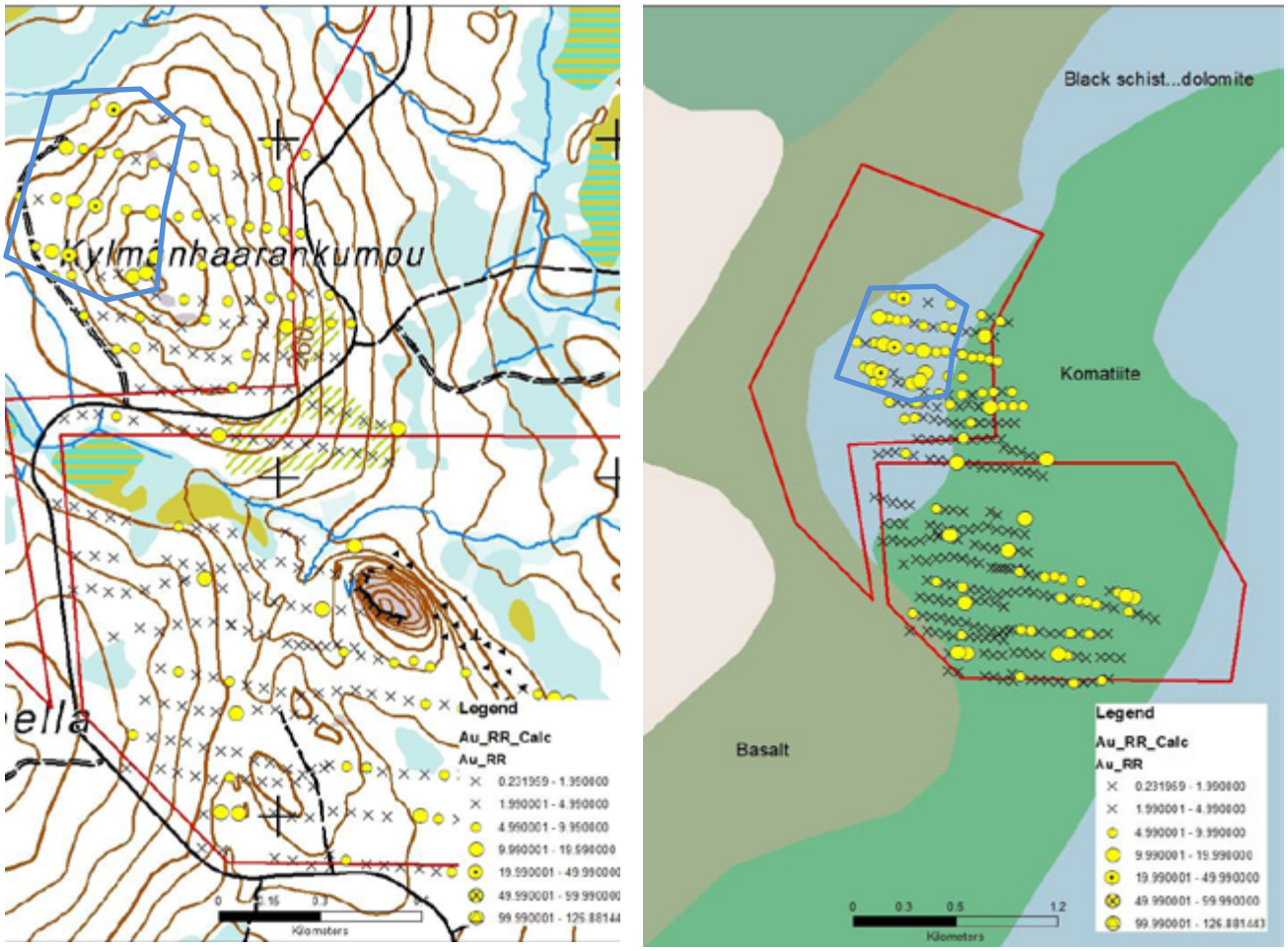


Fig. 5. Response Ratio plotted over topographic and geological map. Consistently elevated RR circled by blue.

TUOHIVAARA

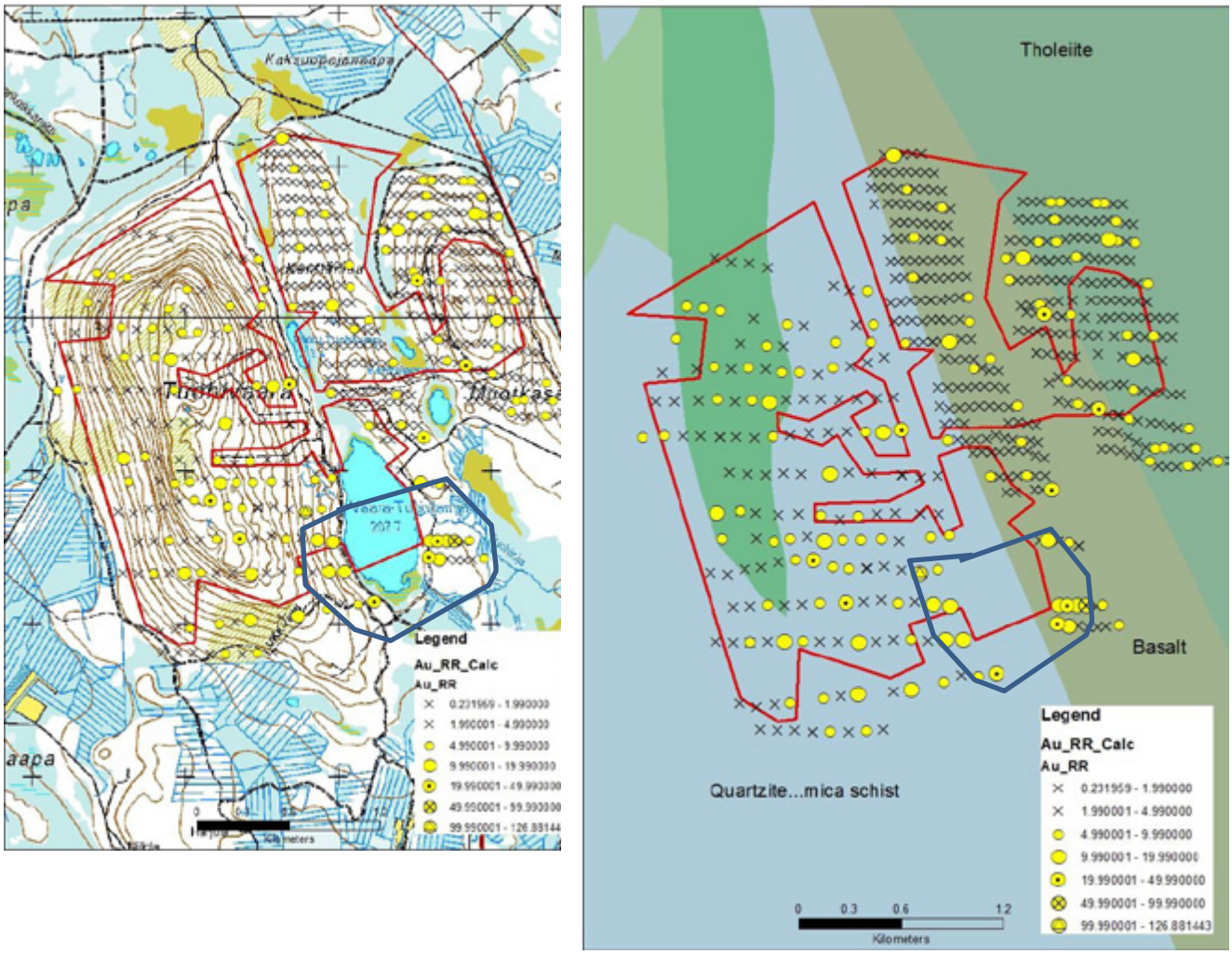


Fig. 6. Response Ratio plotted over topographic and geological map. Consistently elevated RR circled by blue.

AATSINKI

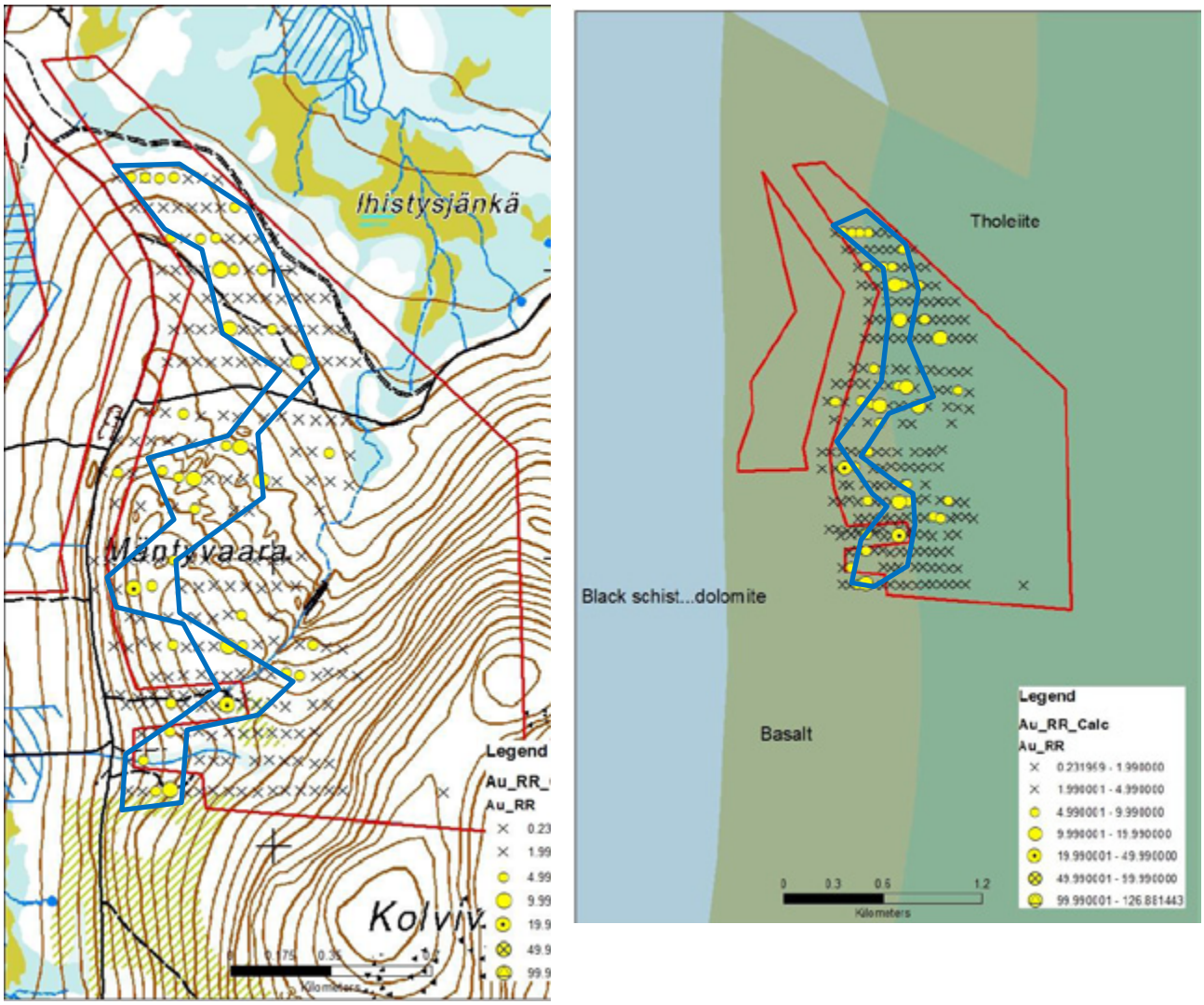


Fig. 7. Response Ratio plotted over topographic and geological map. Au anomalous zone by blue line.

STONEROL

MINUTES SKYPE DISCUSSION

MAY 17, 2013

Conclusion / Summarisation of the Skype Discussion on May 17th, 2013

Participants:

≠ Dr. Markku Iljina

≠ Ann Bjurström

≠ Gaby Strausak

≠ Dr. Markus Elsasser

Salla

Further action:

- We do not work further on the MMI sampling however, we will keep all the data.
- Markku will give the mandate to GTK to get prospectivity analysis results for the greater Salla area.
- After the results/outcome of GTK we will decide whether we will keep the Salla area, drop the MMI sampling areas, or move forward.
- The prospectivity analysis result will tell us whether we will have such interesting areas that we should go for new claim reservations in the greater Salla region, giving us two years' time to define and do further work.

Tervola, Lehmikumpu

Further action:

- We have claim reservation for more than 17'000 hectares: we have to make the decision until late 2013 this year how we are going to narrow down the area, so we can keep an interesting claim application to put in for claim application in January 2014. After that, we then have two options:
  1. Either we do nothing and wait and sit on our application for a while and see whether we can include some neighbour companies like FQM (copper).
  2. We will decide on our own drilling programme which would require to drill approx. 7 drill holes, that were 200 m long/deep each, cost approx. EUR 150'000.--.
- In 2013 it is about to identify the area which we should keep the claim application for copper/gold prospect.
- On the positive side, Lehmikumpu is currently our top land holding but unfortunately, the only way to know much more, is drilling.
- Again, we have time to think about this until winter this year.

Oijärvi

Further action:

- Stonerol 1 / Oijärvi 1: We should get the drill results from GTK and if they are no good we then will relinquish the area.
- Stonerol 2 / Oijärvi 2: Markku will ask the GTK people if they could produce a map showing the komatiite areas. After we got this map, GTK should give us the interpretation aeromagnetic data for the area. That may lead us to claim application areas/targets in 2014 (January).

Ilomantsi

Further action:

- Markku will talk with Peter Sorjonen-Ward. Nevertheless, we basically already made the decision not to continue with this location in the South.

Transcript writer: Gaby Strausak / 23.05.2013

STONEROL

REPORT ON SALLA GOLD PROSPECTIVITY AND SAMPLING CAMPAIGN

JUNE 29, 2013

for Stonerol Oy by Markku Iljina

Table of Contents

Executive summary

Assessment of Au prospectivity analysis made by the GTK revealed some target areas, which call for field work. These targets are presented in the Figures 3 to 5 in this report. Three MMI anomalous areas, Känespella, Tuohivaara, and Aatsinki, are suggested to be sampled together with areas, which came out in the prospectivity analysis.

Theoretical background of the boulder sampling

The purpose of the sampling is to work towards to make decision which Exploration Permit areas to keep and which to relinquish in Salla. The sampling would be concentrated in areas, which came out in the Au prospectivity analysis and Au anomalous spots in the MMI sampling. The principle of sampling is presented in the Figure 1. –The best would of course be to collect exposed bedrock surfaces, but mineralisations are unlikely exposed, which forces to collect boulder torn off by continental ice.

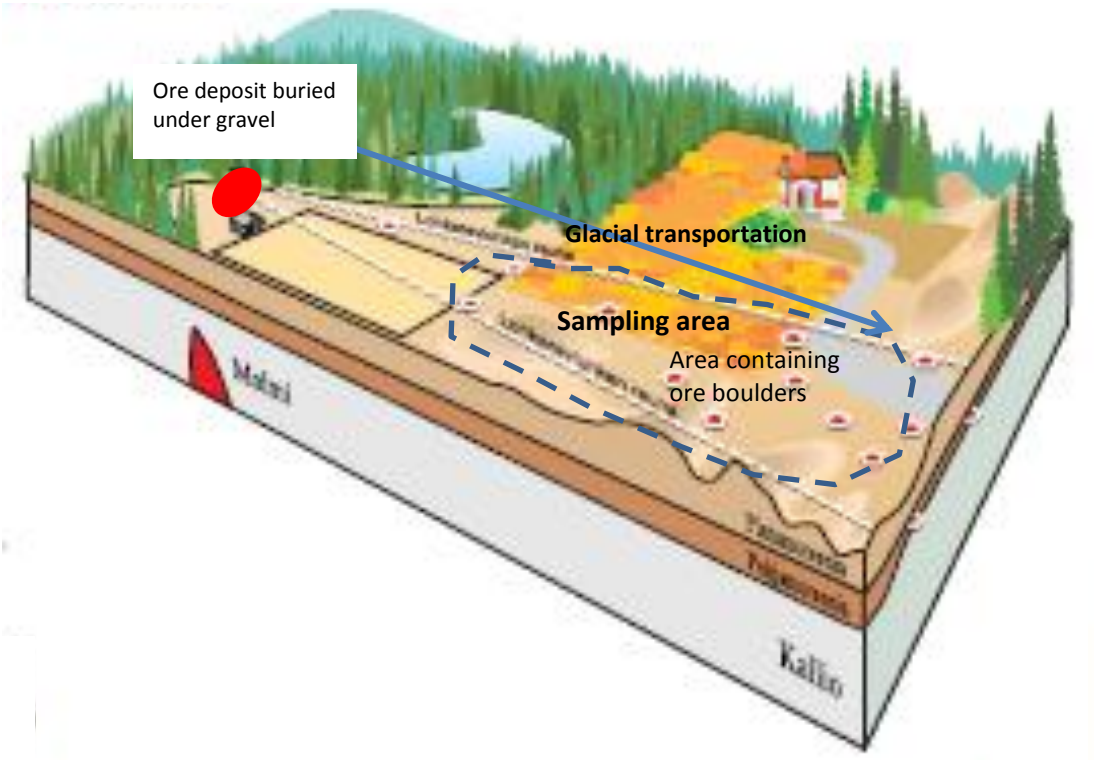


Figure 1. The principle of using boulder sampling in locating mineralised subcrops.

Figure 2 below exemplifies how the method would be applied in the case of Känespella, for example.

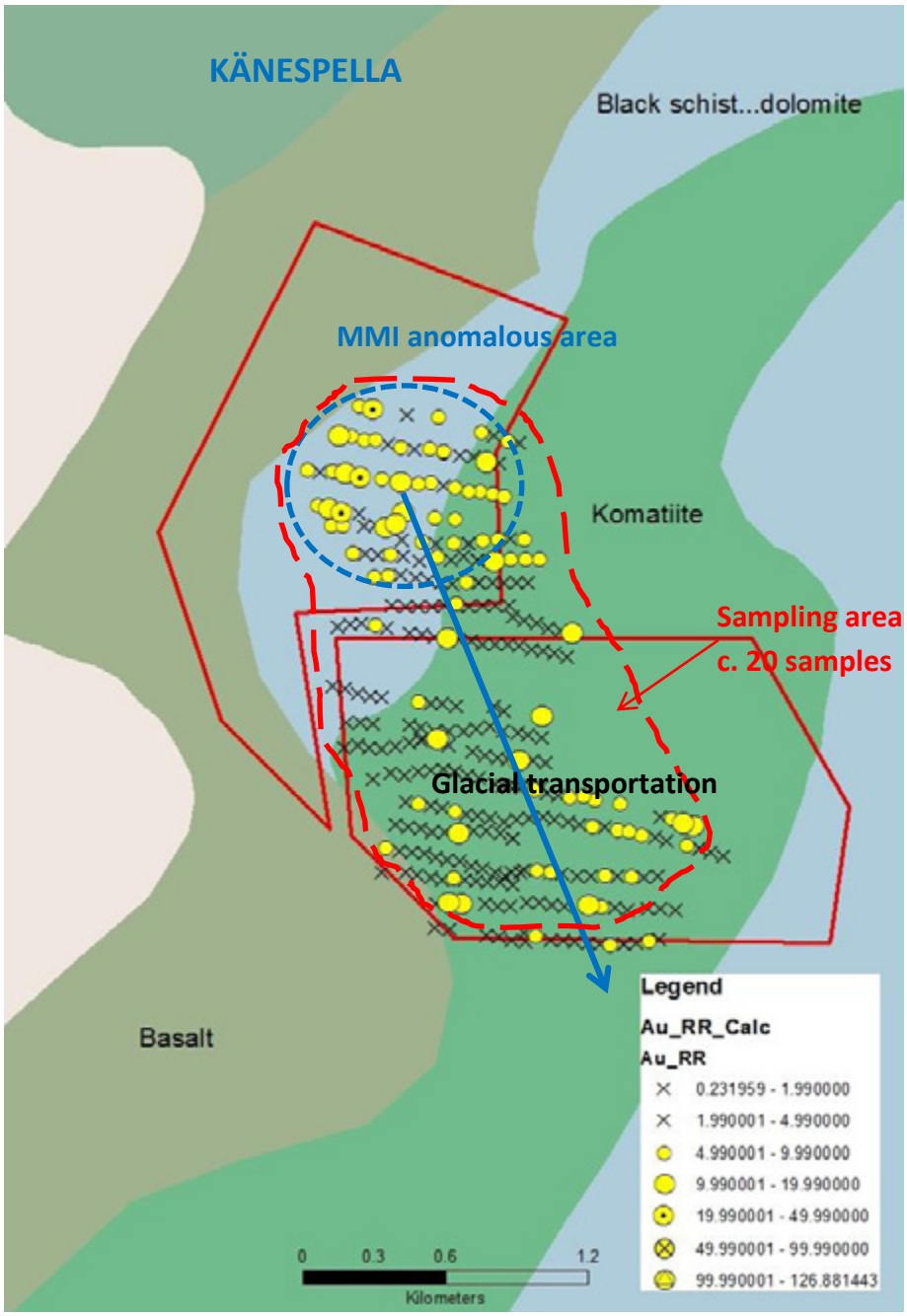


Figure 2. Use of boulder sampling in the case of Känespella.

A rough interpretation schema of the boulder sampling results, if some ca 20 samples are collected from an critical area:

-if no gold anomalous (<0.2 g/t (grams per tonne)) samples are found, results favour to drop the area
-if one anomalous sample, the target may have gold enrichment
-if 3-5 anomalous samples, the target may have gold enrichment in bedrock, especially if the boulders can be identified very local in origin.

Strictly focused and detailed boulder sampling is assessed as most economical way to take exploration forward in the Salla area.

Results of Au prospectivity analysis and target areas for sampling

The key results of the prospectivity analysis made by GTK are presented in the Figures 3 to 5. Figure 3 depicts Au prospectivity, when three general Au prospectivity model is used, while Figure 4 shows the results when IOGC (Iron Oxide Gold Copper) models are used. Several modifications of these models were also applied.

In addition to those areas, which came out in the prospectivity analysis, the three anomalous areas, identified in MMI sampling, are proposed to be sampled. These areas are Känespella, Tuohivaara, and Aatsinki. See circled MMI anomalies in attached Appendix.

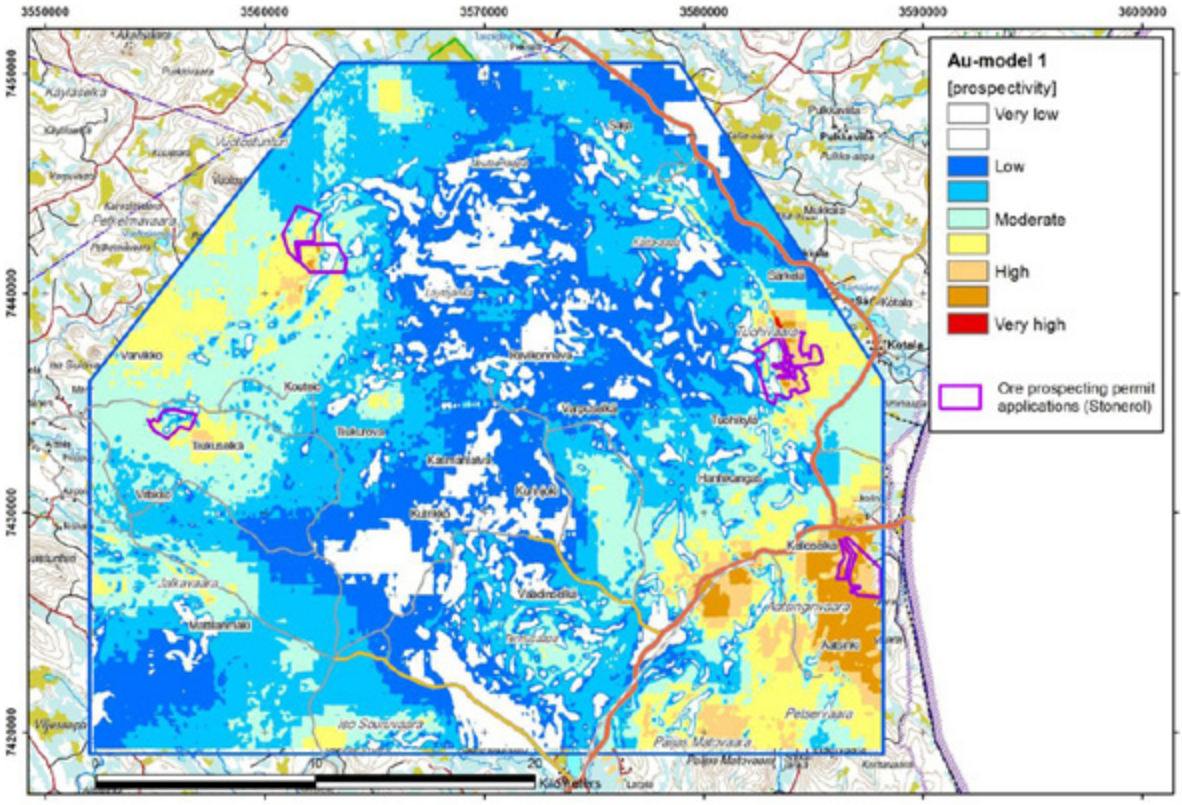


Figure 3 continues →

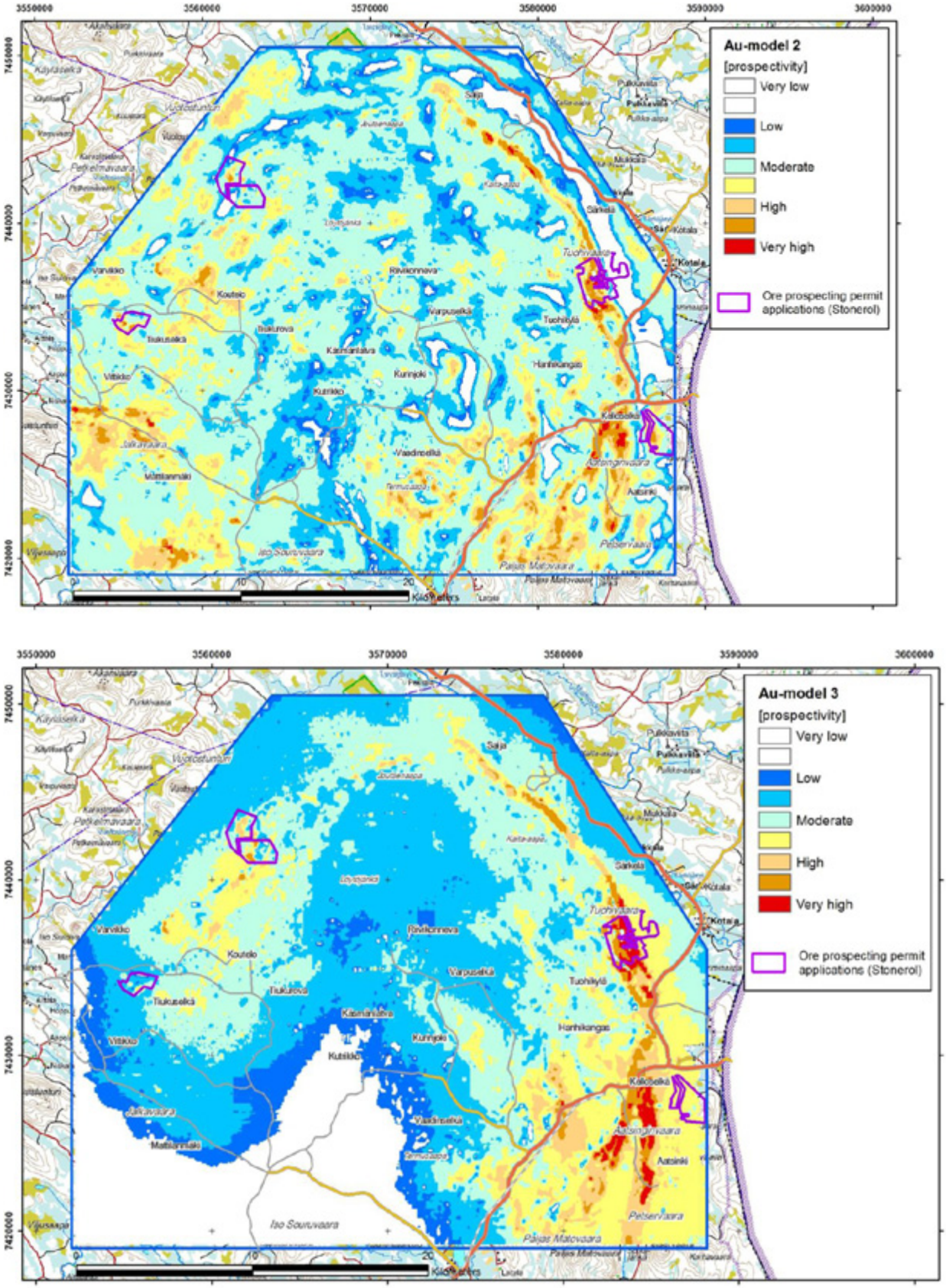
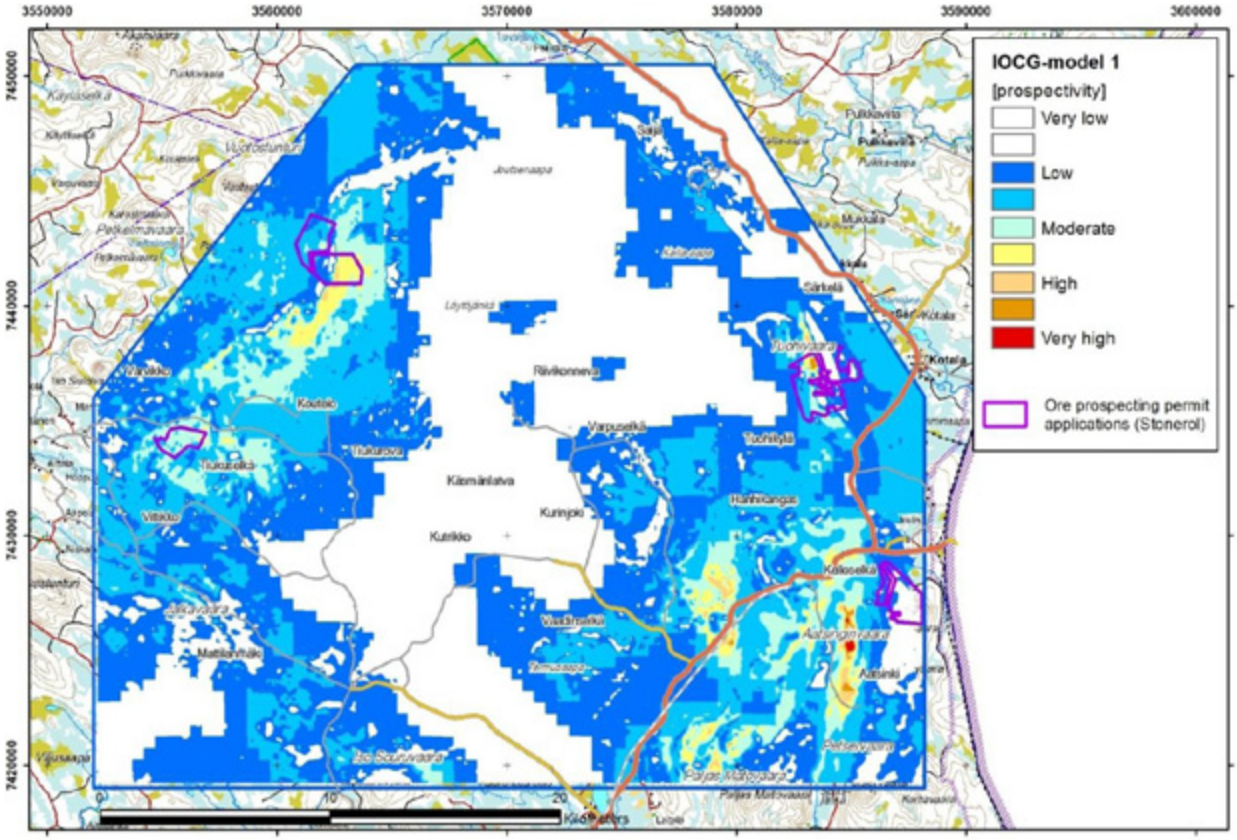


Figure 3. Au prospectivity analysis, General Models 1-3. Stonerol Oy Exploration Permit application areas in blue line.



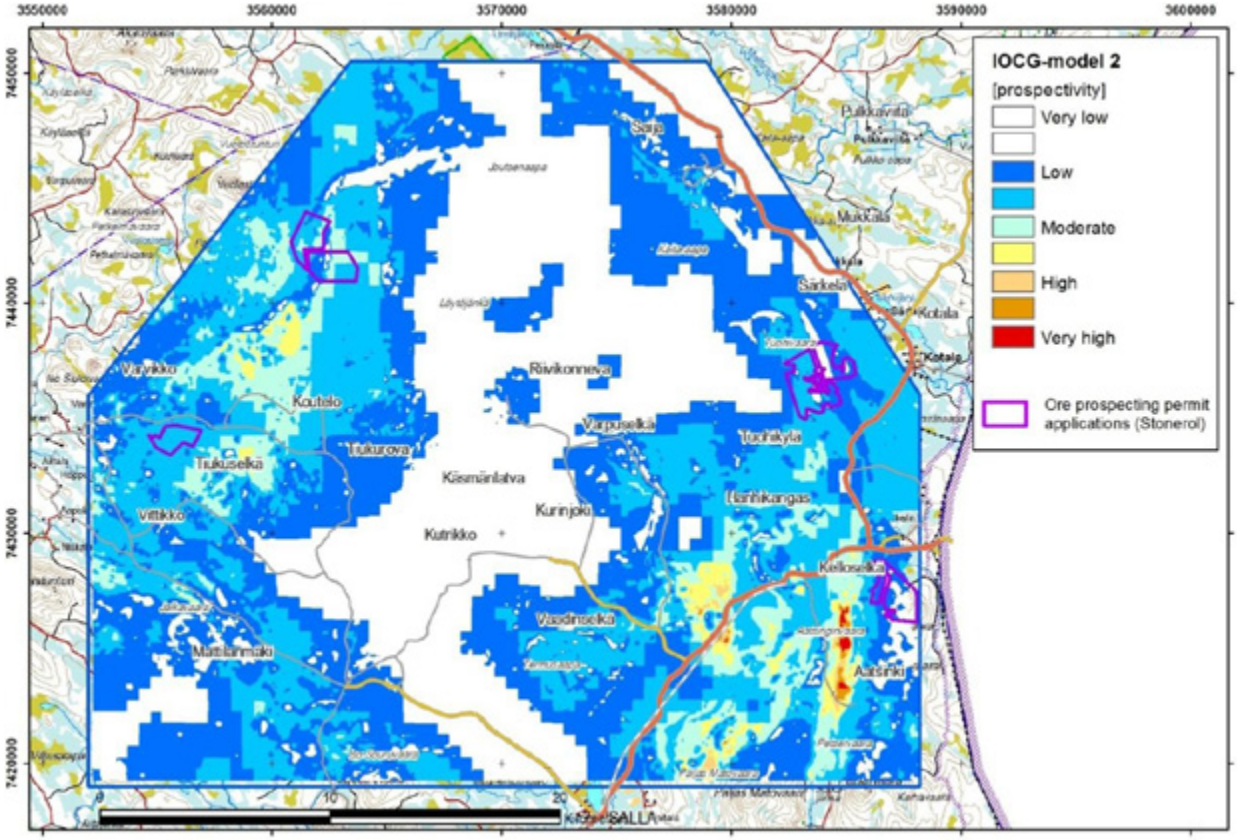


Figure 4 continues →

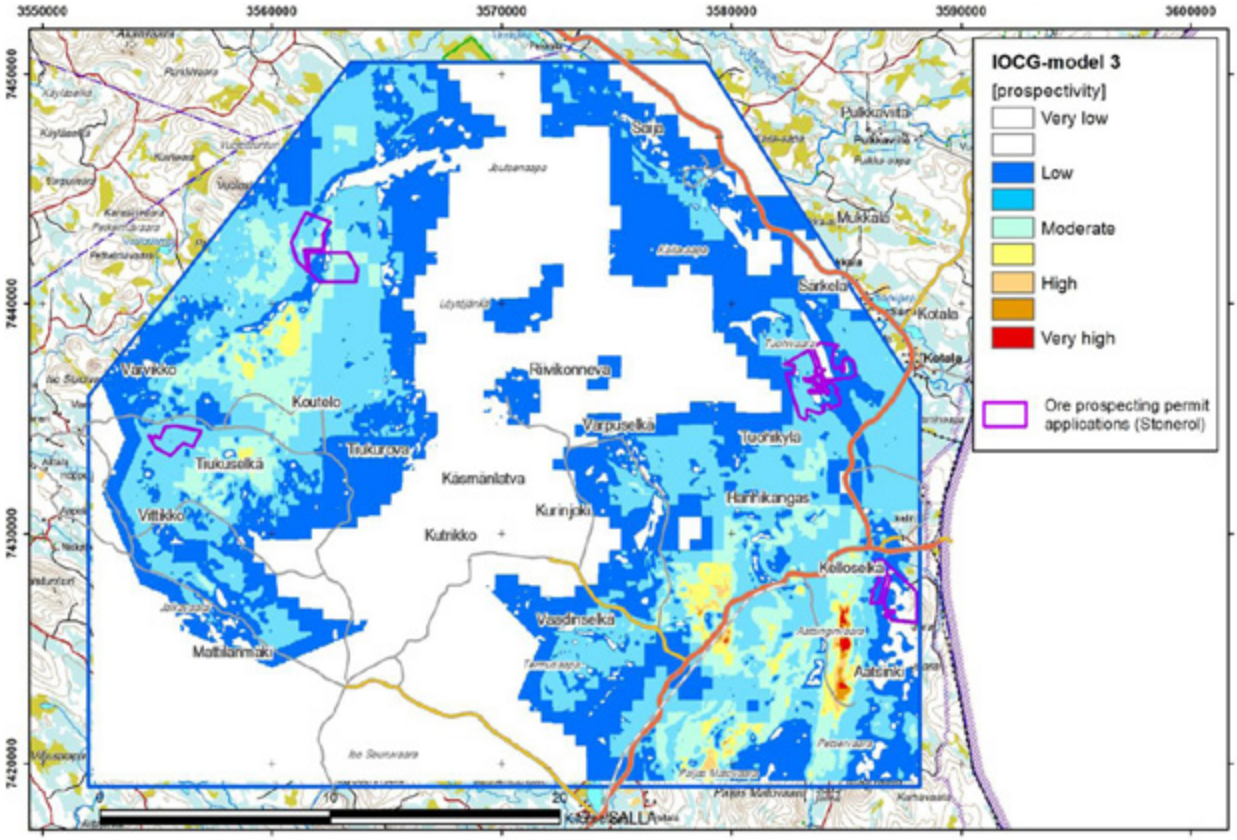


Figure 4. Au prospectivity analysis, IOGC (Iron Oxide Gold Copper) Models 1-3. Stonerol Oy Exploration Permit application areas in blue line.

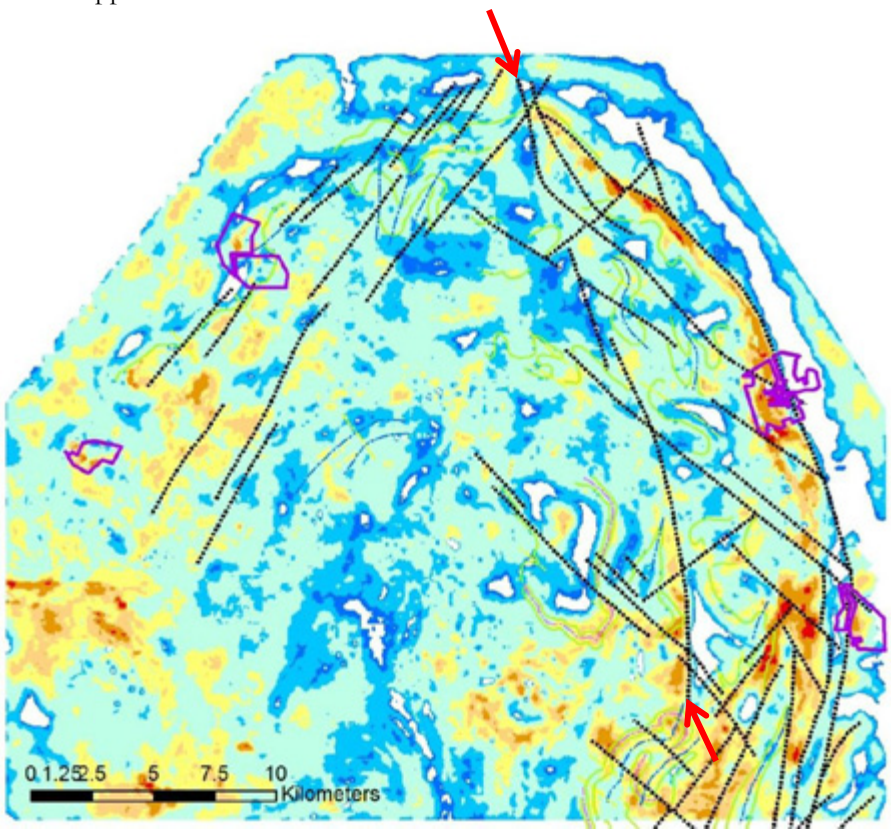
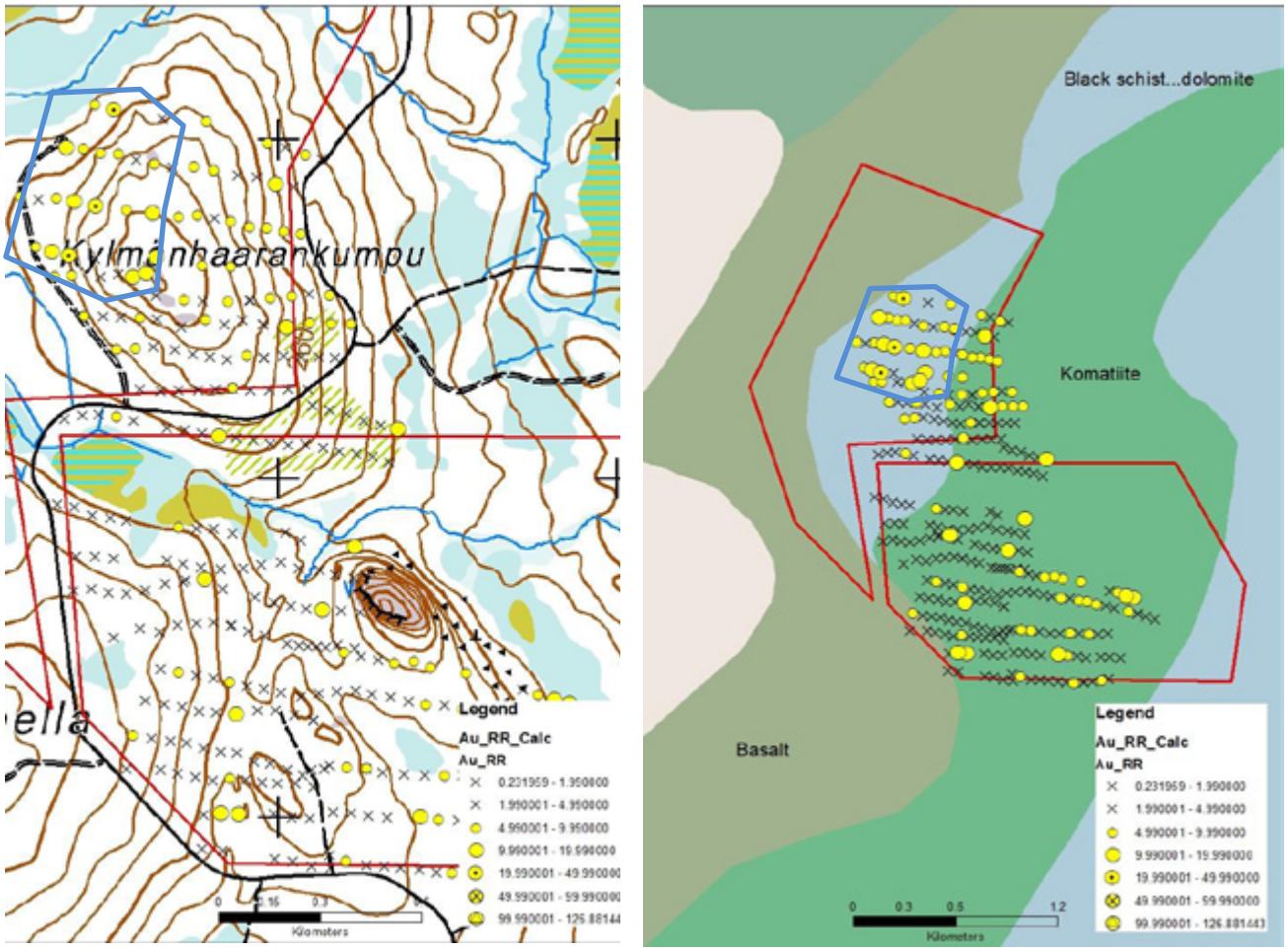


Figure 5. Structural interpretation superimposed over Au Model 2. The structure between the red arrows is assessed critical for gold.

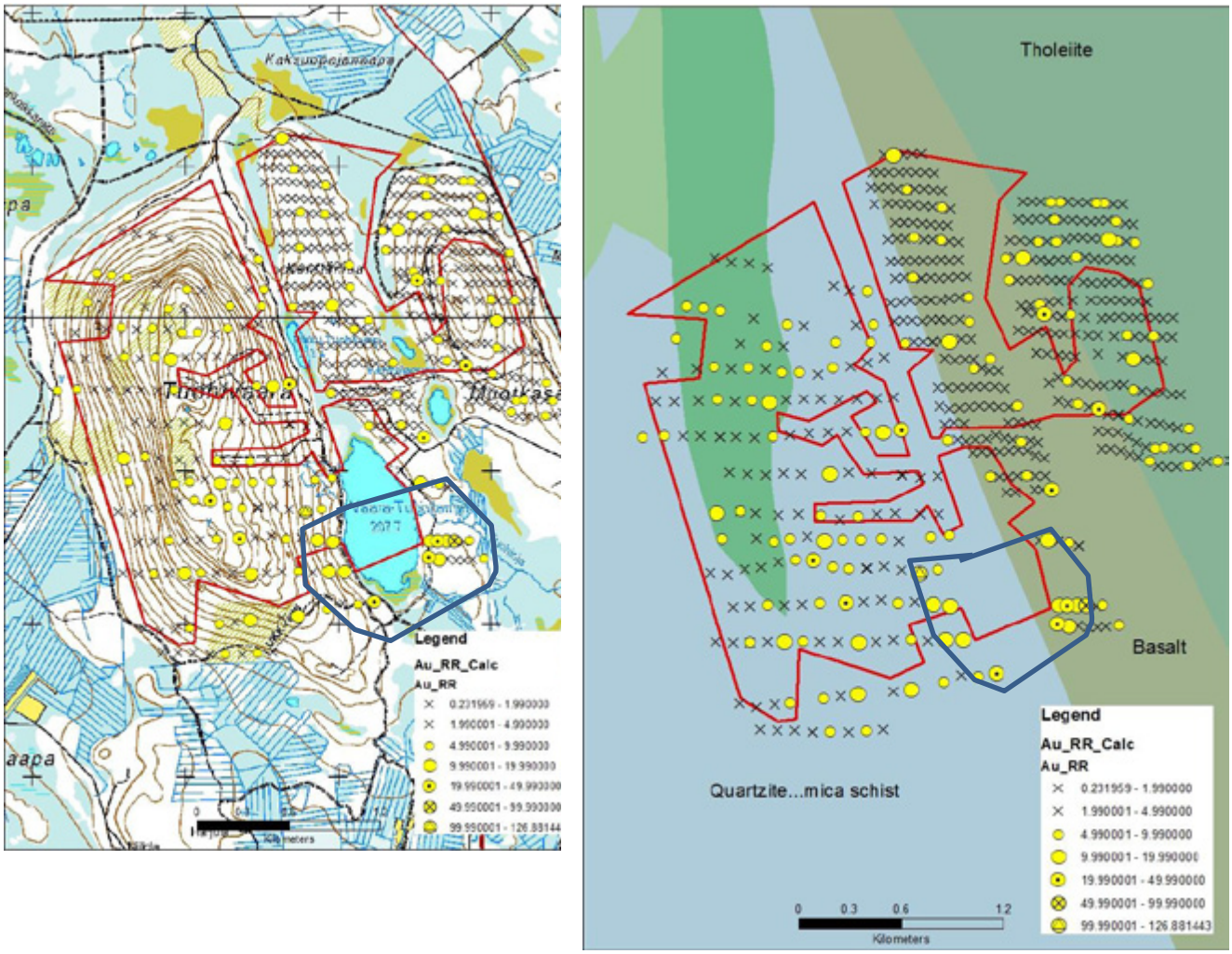
APPENDIX

KÄNESPELLA



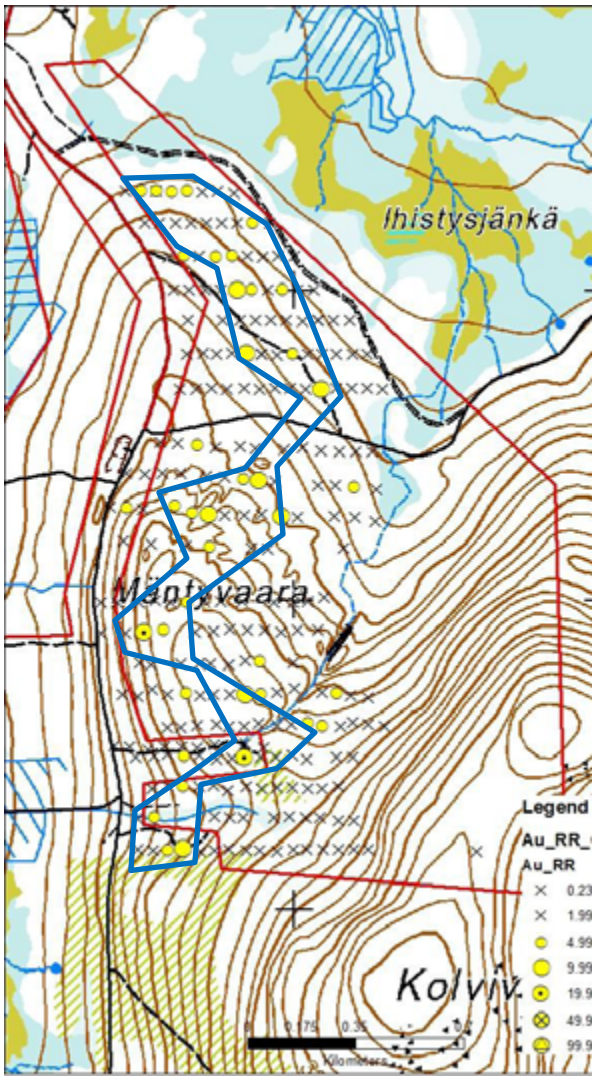
Response Ratio plotted over topographic and geological map. Consistently elevated RR circled by blue.

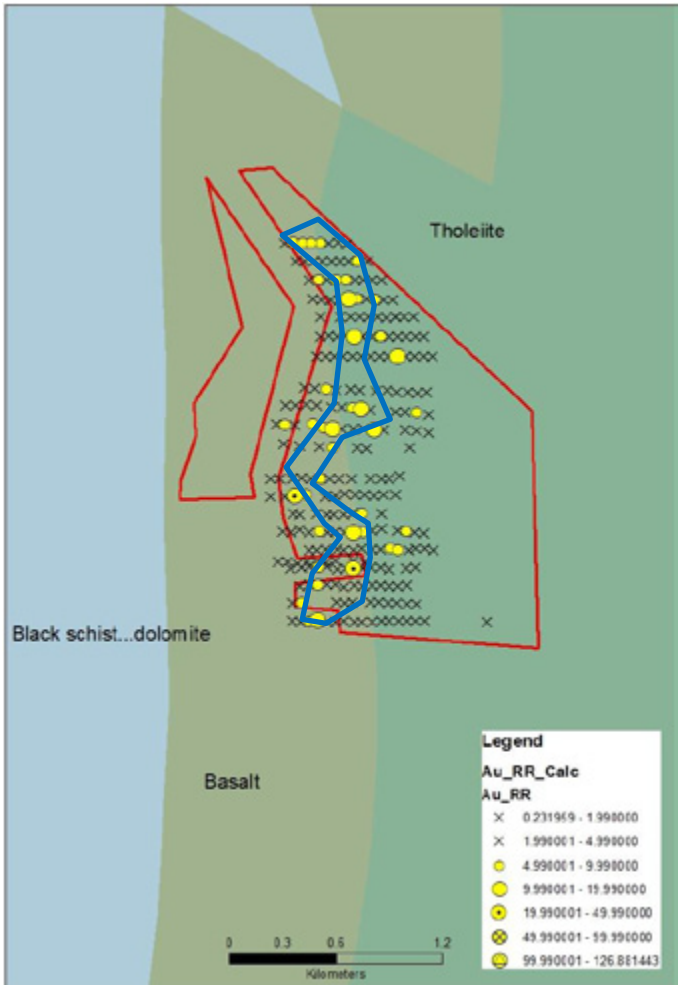
TUOHIVAARA



Response Ratio plotted over topographic and geological map. Consistently elevated RR circled by blue line.

AATSINKI





Response Ratio plotted over topographic and geological map. Au anomalous zone by blue line.

STONEROL

MINUTES MEETING ROVANIEMI

JULY 13-16, 2013

Conclusion and Decisions, Meeting Rovaniemi July 13th – 16th, 2013

Participants:

≠ Dr. Markku Iljina

≠ Dr. Markus Elsasser

THE GREATER SALLA AREA

Greater Salla area was looked at based on the GTK study on the Au prospectivity analysis and MJI's renewed MMI interpretation (see also May 16th and June 29th reports). GTK prospectivity analysis included seven different models, four for Au only type deposits and three for IOCG deposits. In the case of the models 'Au alone' we choose to prefer Models 2 and 3.

Varvikko

-MMI results are rather negative as well as the Au prospectivity is low.

Decision: No further work to be done. The claim application is to be withdrawn from TUKES.

Känespella

-MMI showed anomaly in the northern part and also the prospectivity analysis indicated elevated prospectivity.

Decision: Keep the application. MJI does boulder sampling (hammering), 1-2 days in July-August 2013 and assaying in the Labtium laboratory in Rovaniemi with the sample cutting done in GTK.

Tuohivaara

-MMI showed anomalous area in the SE corner, on both sides of the interpreted major structure/shear zone. GTK analysis indicated elevated prospectivity for the western half.

Decision: Keep the application. MJI does boulder sampling (hammering), 1-2 days in July-August 2013 and assaying in the Labtium laboratory in Rovaniemi with the sample cutting in GTK. The sampling is also extended for the area connecting Tuohivaara and Saija in northwest direction of Tuohivaara (this is based on GTK prospectivity analysis).

Aatsinki

Decision: To keep the property until the field visit of MJI and the results of sampling. (The property is tentatively suggested to be relinquished as the prospectivity analysis showed lower prospectivity and the MMI results were not so strong.)

To the west of the Aatsinki property a larger area of elevated Au prospectivity is shown in the GTK prospectivity report, which may be more prospective for Au. This area, called Kelloselkä, will be boulder sampled by MJI during July-August 2013. Approximate 2-3 days. Assaying in the Labtium laboratory in Rovaniemi with the sample cutting in GTK.

OIJÄRVI

Old drill results did not indicate any elevated gold contents, but interpretation of airborne geophysics suggested a prospective looking structure to continue from the known Au-bearing structure to southeast into Stonerol Oijärvi 2 area.

Decision: GTK will be asked to perform a prospectivity analysis (approx. 3 day work). Because of topography resulting in too thick organic cover, MMI is not possible in the area. The area is also known for its thick till cover and large swamps with no existing outcrops or boulders. GTK prospectivity analysis is expected to be completed in August.

Based on the results of GTK work we will then have to make the decision before year-end 2013 on reducing the land holding for a new claim application. If the results are negative the claim reservations to run out in January 2014.

LEHMIKUMPU, TERVOLA

The area of the Greater Tervola (Peräpohja Schist Belt) region (with Inmet/FQM neighbours) is known for prospective copper-zinc and gold bearing copper deposits. MJI sees greater potential for copper and copper-zinc deposits than for gold alone deposits. GTK doesn't have a prospectivity model for copper deposits types potentially present in the Tervola area (these are not porphyry types).

Decision: Because the claim reservation area is far too big and runs out in January 2014, MJI will try to find out more about the geology of the property.

Magnetic and electromagnetic measurements

MJI to make field visit to get information on the magnetic properties of rocks and also to observe possible sulphide contents, which possibly are causing electromagnetic anomaly. (The special focus in the "corridor" between the north and south neighbouring land holders.) Magnetic and EM measurements will be planned based on the results of the field visit, available geological maps and aerogeophysical data. Requests for quotations will be sent to service providers (one or two men doing approximately three days walking with portable magnetometer and IP instrument).

Drilling programme

MJI makes quotation requests for service companies for drilling. It is assumed the drilling costs are reduced nowadays compared to high exploration seasons (old estimate approx. € 150.000,- for 7 holds/1.500m).

ILOMANTSI

Telephone and email contacts between Peter Sorjonen-Ward and MJI didn't lead to any obvious exploration targets. A casual face-to-face meeting is foreseen the next time Peter visits Rovaniemi. Our decision is more than ever, to focus on Northern Finland. Stonerol Oy should become a specialist explorer in the north. (Claim Reservations for Ilomantsi in the south are to run out in January 2014).

ME/MJI/kkm
July 17th / July 30th, 2013

STONEROL

FIELD VISIT IN RUOSKULTA, NORTHERN FINLAND

JULY 15, 2013

Field Visit in Ruoskulta, Northern Finland on July 15th, 2013

On July 15th, 2013 Markku Iljina and Dr. Markus Elsasser drove from Rovaniemi to Ruoskulta (north of Sodankylä, on the road to Ivalo) to meet Mr. Antti Peronius. Mr. Peronius is a prominent geologist with special know-how in gold exploration and mining in Central Lapland and Siberia. He is the former Operational Manager of the Finnish Gold Prospectors Association and probably one of the best gold panners in Europe. Mr. Peronius is stationed in Ivalo. In Ruoskulta he owns an interesting resource asset. His area has been examined for many years by GTK.

Three geologists and the Chairman: M. Iljna, Dr. Elsasser, A. Peronius, Dr. J. Ojala (from left to right)

We had met Mr. Peronius earlier in the year in Helsinki and are very happy that we could follow-up on his friendly invitation to visit his property in Ruoskulta. As a result of our get together we will continue discussions on the possibilities of this interesting property.

STONEROL

REPORT ON RESULTS OF SALLA SAMPLING CAMPAIGN DISCOVERY OF OLD DRILL HOLES AND EXPLORATION FUTURE SCENARIO

AUGUST 12, 2013

for Stonerol Oy by Markku Iljina

Table of Contents

General

Aim of the sampling campaign on various Salla targets was to look for gold mineralised boulders derived from areas shown up in the Au prospectivity analysis made by the Geological Survey and MMI sampling. Target areas are shown in the Figure 1 and they include Tuohivaara, Aatsinki, Kelloselkä, Känespella, and Saija.

Thirty-eight (38) samples were collected in total. None of the samples referred to precious or base metal enrichments (Appendix 1). However, the surface geology, topography, and lack of human treatment of the surface (forestry) didn't enable comprehensive sampling, which could indicate gold mineralisation. Negative result of sampling is not denying the possibility of gold enrichment in the study areas except Aatsinki as discussed later. Each of the target areas are discussed separately in the Chapters below.

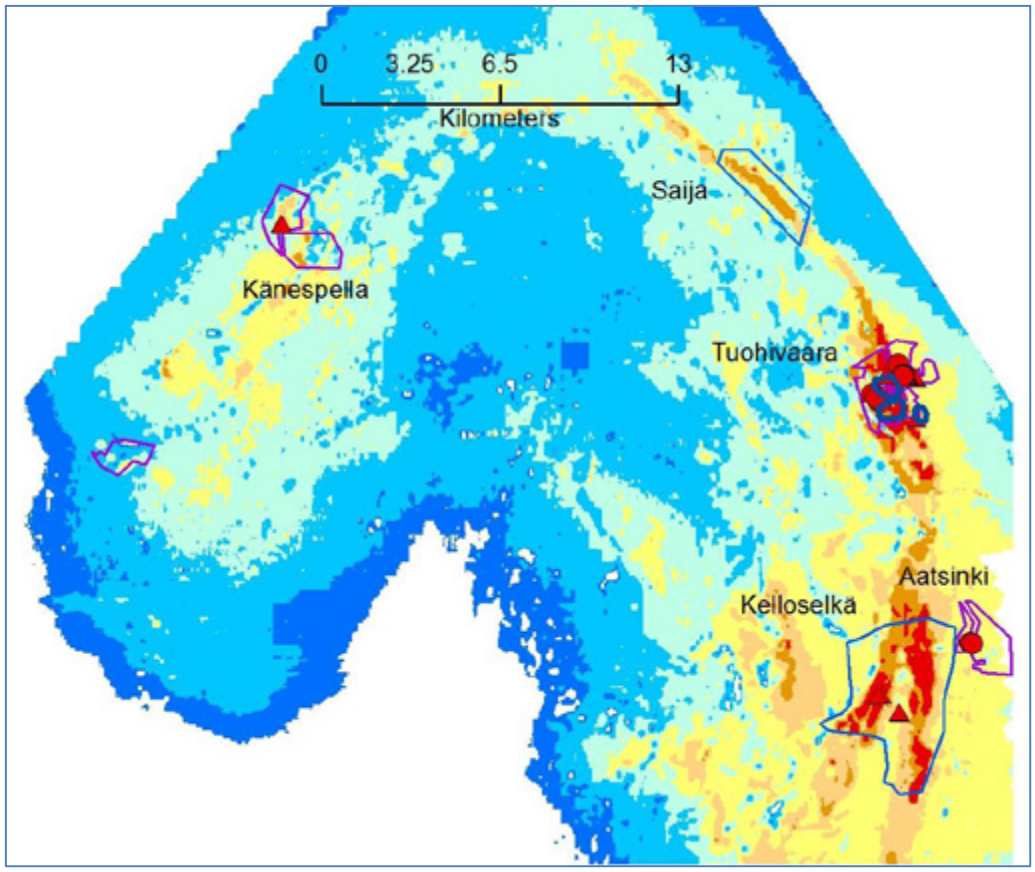


Fig. 1. Index map showing target areas on gold prospectiviy map (model 3, see June report) and sampling points. Circles are outcrops and triangles boulders.

Tuohivaara

Tuohivaara (Figure 2) turned out to have good amount of local looking boulders and even some bedrock outcrops, but still boulders were too few to give any definite answer whether the area has or hasn't gold mineralisation. Figure 3 shows samples collected and areas particularly checked for boulders.

Fig. 2. On the way to Tuohivaara. An ATV was used due to distant location.

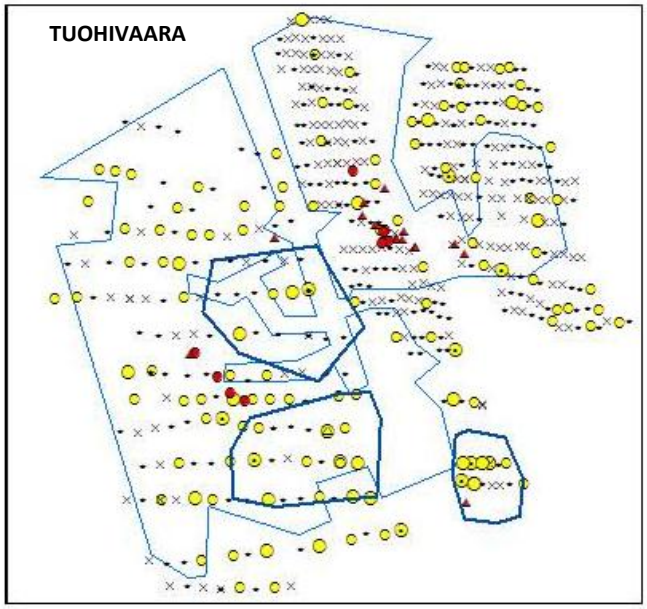


Fig. 3. Tuohivaara sampling points, red circles are outcrops, triangles boulders. Calculated Response Ratios (RR) of MMI assay results are in stars, crosses, and yellow circles. RR higher than 5 by yellow symbol, and circles with cross or triangle inside have RR higher that 50 or 100, respectively. For more detail, see May report. Areas outlined by thick blue line indicate checked areas; no local boulders or outcrops found.

Samples (App. 1): 9 outcrop samples, 16 boulder samples

Summary: *No further field work is recommended for this area.*
Application for Exploration Permit is suggested to be kept in force.

Kelloselkä and Aatsinki

Kelloselkä (Figure 4) represents new large Au prospective area, which resulted in the prospectivity analysis made by the GTK. In contrast, the Aatsinki does not show elevated prospectivity and also the MMI assay results (May report) do only show a weak anomaly zone crossing the area north-south (May report). Sampling in Aatsinki was focused into this anomaly zone. Neither 2011 nor this sampling (all outcrop samples) revealed any gold contents in that zone.

The large Kelloselkä area follows roughly the strike of lithological units and particularly a rock type called black schist. Black schist is a rock type, which contains lots of iron sulphides and graphite. The whole Kelloselkä area turned out to be rather different in its surface geology than the other studied areas. It is topographically mostly lowland virtually lacking outcrops and, most peculiarly, also local looking boulders. None of the boulders taken from the area is interpreted to represent the bedrock nearby the sampling site. Explanation to this anomalous surface geology may be the deep weathering of bedrock. This is supported by the drilling results to the west and northwest of Kelloselkä; there are large areas verified to be deeply weathered. The weathering has led to completely chemically altered rock and formation of pure kaolin in large areas. This kaolinite deposit has been studied for potential industrial mineral use.

However, the whole Kelloselkä prospective area has not weathered bedrock. This is indicated by the four drill holes locating in the southern tip of the anomaly area (Figure 4). These drill holes intersect rather unweathered bedrock mainly composed of black schist with some jasper in places. Jasper is a form of quartz formed in weathering.

ABOVE MENTIONED FOUR DRILL HOLES HAVE FURTHER EXPLORATION POSSIBILITIES DISCUSSED IN THE CONCLUSION CHAPTER.

Samples (App. 1): Aatsinki; 5 outcrop samples.
Kelloselkä; 4 boulder samples.

Summary: *No further field work is recommended for Kelloselkä or Aatsinki areas.*
Application for Exploration Permit to Aatsinki is recommended to be withdrawn.
Mineral rights to Kelloselkä are recommended to be secured.

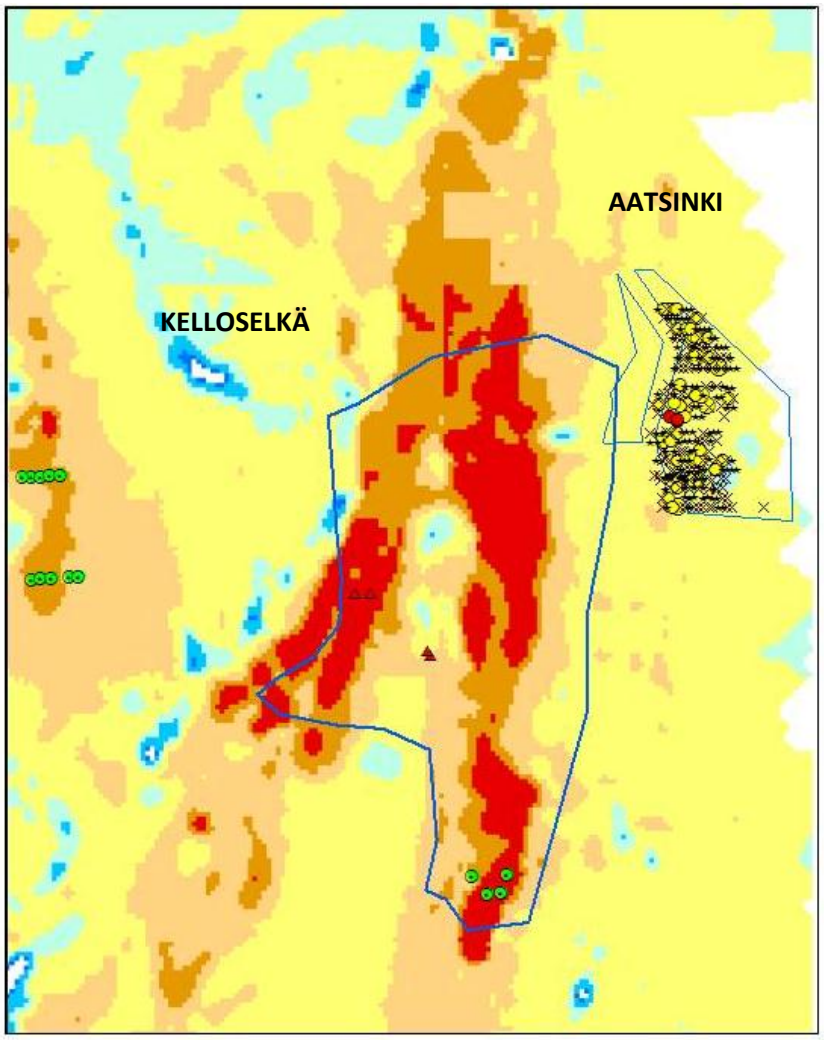


Fig. 4. Kelloselkä and Aatsinki sampling points, for legend see Figure 3. Green circles are drill holes archived in National Drill Core Archives. The coloured background map presents gold prospectivity analysis, model 3 (June report). Area outlined by thick blue line indicates checked areas; no local boulders or outcrops found.

Känespella

In Känespella the field check was intended to check particularly the contact zone of black schist and komatiitic volcanite. Komatiite is a rock type known of hosting numerous platinum bearing nickel deposits worldwide. Känespella area has also been interpreted to represent a centre of volcanic activity as indicated by various breccias and xenolithic rocks. Few sulphide bearing komatiite samples taken didn't reveal any elevated nickel, platinum, or gold contents. The field check was however fully too limited that any definite conclusions are justified. The MMI anomaly area depicted in the Figure 5 of the May report remained unchecked.

Samples (App. 1): 4 boulder samples

Summary: *Additional field work is possible at last in respect of the availability boulder material. Application for Exploration Permit is suggested to be kept in force.*

Saija

Saija is a new gold potential area reveal by GTK prospectivity analysis (Figure 1). Saija forms the northern end of the prospective area extending through Tuohivaara towards to Aatsinki. Topographic map shows Saija anomaly area to be mostly covered by wetlands, but with a small possibility of boulders on its SE margin. Saija area was not however visited.

Summary: *Field check justified in connection of other possible activity in the Salla area.*
Mineral rights are not suggested to be secured at the moment.

Conclusion, discovery of old drill holes, and exploration future scenario

The sampling campaign didn't produce any specific target for further exploration. However, the surface geology, topography, and lack of human treatment of the surface (forestry) didn't enable comprehensive sampling, which could indicate gold mineralisation.

The research into old exploration and research material archived in the Geological Survey resulted in findings, which may provide a new low-costs approach to continue exploration. These findings are the drilling made in southern tip of Kelloselkä (Figure 4). These drill holes intersect bedrock mainly composed of black schist with some jasper in places. Jasper is a form of quartz formed in weathering. A Third party information refers also shorter intervals of very sulphide rich sections in these drill holes. Analytical data of those drill holes are limited to two samples, which actually not available at the moment.

Black schist is also a rock type, which is present in all those areas, which GTK prospectivity analysis delineated to have higher prospectivity. Sampling and assays of above referred drill holes may result in gold findings. Gold enrichments in these drill holes would refer that also black schists in Stonerol Oy targets are likely to contain gold enrichments and thereafter encourage and justify drilling on high MMI anomalies over the black schists.

Possible scenario of further exploration:

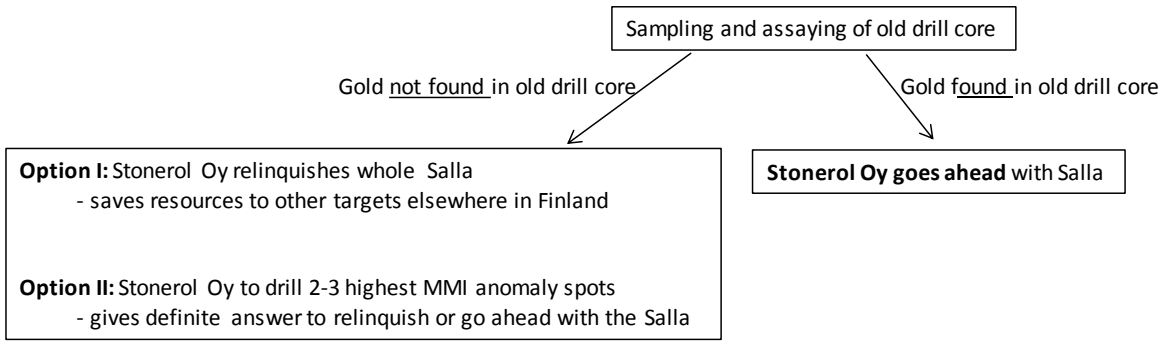


Table 1. Sample location, assay results, and sample descriptions. Precious metals in mg/t, other elements in g/t.

APPENDIX 1

Sample ID	Northing	Easting	As	Co	Cr	Cu	Fe	Mn	Mo	Ni	Pb	S	Zn	Au	Pd	Pt	Obs type	Rock_type	Comments
Tuohivaara																			
1001	7433797	584612	65	5.27	42.3	11.90	20600	106.0	4	26.6	<10	791	67.2	<10	<10	<10	Boulder	Black schist	50*30*30 cm^3
1002	7433845	584549	<10	13.20	48.8	30.80	19700	252.0	<2	26.9	<10	<20	32.4	<10	<10	<10	Boulder	Felsic volcanite	
1003	7433833	584309	<10	17.30	142.0	54.70	23500	305.0	<2	43.3	<10	<20	35.0	<10	<10	<10	Boulder	Ultramafic volcanite	30*50*5 cm^3
1004	7433833	584310	<10	14.60	129.0	55.90	21800	267.0	<2	35.9	<10	88	30.7	<10	<10	<10	Boulder	Ultramafic volcanite	
1005	7433832	584311	<10	16.50	124.0	58.70	21900	294.0	<2	43.4	<10	<20	33.2	<10	<10	<10	Boulder	Ultramafic volcanite	100*50*50 cm^3
1006	7433924	584246	<10	9.11	35.3	24.00	15800	214.0	<2	16.5	<10	48	27.1	<10	<10	<10	Boulder	Volcanic debris/ash	3*1.5*1.5 m^3
1007	7434183	584133	<10	39.60	1220.0	104.00	40200	446.0	<2	361.0	<10	274	53.1	<10	<10	<10	Boulder	Ultramafic volcanite / talc rich	
1008	7434100	584007	<10	9.58	32.7	25.40	20000	216.0	<2	18.8	<10	34	20.4	<10	<10	12	Boulder	Intermed-mafic intrusive	150*70*40 cm^3
1009	7434021	584004	<10	38.00	1290.0	130.00	39600	566.0	<2	355.0	<10	59	51.1	<10	<10	<10	Boulder	Mafic volcanite / strongly schistose	0.5 m^3
1010	7433967	584074	<10	33.90	1130.0	2.42	36300	491.0	<2	304.0	<10	<20	46.0	<10	<10	<10	Boulder	Ultramafic volcanite	0.5*0.3*0.4 m^3
1011	7433930	584135	<10	27.30	907.0	47.00	29900	636.0	<2	251.0	<10	66	59.1	<10	<10	<10	Outcrop	Ultramafic volcanite	
1012	7432316	584617	<10	46.80	111.0	49.30	84900	1230.0	<2	56.0	29	54	163.0	<10	<10	<10	Boulder	Phyllite	30*30*7 cm^3
1022	7433204	582996	<10	48.70	52.8	90.00	81500	3130.0	<2	92.5	15	46	226.0	<10	28	<10	Outcrop	Mafic schist	Black weathered surface
1023	7433199	582968	<10	51.00	151.0	451.00	80800	710.0	6	128.0	<10	16500	155.0	<10	31	<10	Boulder	Black schist	Some sulphides
1024	7432961	583211	277	5.01	44.4	14.20	16700	63.0	16	0.0	<10	1040	23.1	<10	<10	<10	Outcrop	Black schist	
1025	7432916	583292	131	1.71	35.5	12.60	25500	292.0	10	5.4	<10	829	66.4	<10	<10	<10	Outcrop	Black schist	
1026	7433059	583135	90	21.40	43.0	10.10	77700	1990.0	<2	41.9	12	154	199.0	<10	<10	<10	Outcrop	Black schist	
1027	7434284	583939	<10	38.20	1150.0	80.90	38800	564.0	<2	337.0	<10	107	51.5	<10	<10	<10	Outcrop	Ultramafic volcanite	
1028	7433927	584123	<10	40.00	1230.0	110.00	40600	647.0	<2	369.0	<10	181	56.1	<10	<10	<10	Outcrop	Ultramafic volcanite	
1029	7433885	584203	<10	13.50	52.5	19.10	19100	241.0	<2	27.5	<10	24	27.4	<10	<10	<10	Boulder	Intermed-mafic volcanite	Vesicles
1030	7433875	584240	<10	13.40	49.3	38.10	18600	272.0	<2	25.6	<10	<20	27.0	<10	<10	<10	Boulder	Intermed-mafic volcanite	Vesicles
1031	7433878	584201	<10	33.40	1030.0	51.70	36500	588.0	<2	294.0	<10	25	55.4	<10	<10	<10	Boulder	Mafic volcanite	150*60*50 cm^3, very schistose
1032	7433868	584147	<10	38.20	1240.0	61.10	39600	531.0	<2	347.0	<10	30	55.4	<10	<10	<10	Outcrop	Ultramafic volcanite	
1033	7433854	584117	<10	38.90	1260.0	33.00	41500	580.0	<2	348.0	<10	21	54.5	<10	<10	<10	Outcrop	Ultramafic volcanite	Contains more felsic xenoliths
1038	7433888	583479	37	6.14	99.0	19.90	23300	303.0	5	32.1	<10	1480	43.8	<10	<10	<10	Boulder	Black schist	
Aatsinki																			
1017	7424164	586574	<10	13.60	2.2	31.20	34300	615.0	<2	3.4	<10	22	48.2	<10	<10	<10	Outcrop	Intermed-mafic volcanite	Vesiculars
1018	7424118	586652	<10	19.90	1.4	86.40	60800	785.0	<2	0.0	<10	48	119.0	<10	<10	<10	Outcrop	Felsic volcanite	
1019	7424115	586649	<10	17.50	3.3	25.90	45700	638.0	<2	3.6	67	38	190.0	<10	<10	<10	Outcrop	Mica rich felsic schist	Right in contact with quartz dyke
1020	7424128	586650	<10	41.90	1.6	82.60	104000	1330.0	<2	7.0	35	92	454.0	12	<10	11	Outcrop	Intermed-mafic volcanite	Vesiculars
1021	7424126	586644	<10	33.90	1.2	132.00	85500	1430.0	<2	7.0	48	37	431.0	<10	<10	<10	Outcrop	Intermed-mafic volcanite	Vesiculars
Kelloselkä																			
1013	7422272	583354	<10	23.20	73.6	46.20	41400	429.0	<2	65.4	<10	<20	28.0	<10	24	<10	Boulder	Amphibolite - mica schist	50*30*30 cm^3
1014	7422263	583207	<10	14.90	34.5	239.00	25500	176.0	<2	35.3	<10	240	13.2	<10	32	<10	Boulder	Amphibolite	40*30*40 cm^3, weakly sulphide bearing
1015	7421604	584002	<10	0.00	4.6	4.45	2940	50.1	<2	0.0	<10	<20	4.4	<10	<10	<10	Boulder	quartz feldspar rock	
1016	7421650	583980	<10	11.90	5.8	5.55	32900	293.0	<2	0.0	<10	<20	43.6	<10	<10	<10	Boulder	Quartz dyke in mica schist	35*20*30 cm^3
Känespella																			
1034	7439360	561560	<10	43.40	1570.0	158.00	29000	312.0	<2	585.0	<10	222	30.5	<10	<10	<10	Boulder	Ultramafic volcanite	3.5*2*1 m^3, same boulder as 1038, from eastern end
1035	7439360	561560	106	53.10	1560.0	58.00	33300	360.0	<2	888.0	<10	392	31.3	20	14	<10	Boulder	Ultramafic volcanite	3.5*2*1 m^3, same boulder as 1034, from western end
1036	7439377	561544	<10	84.40	1580.0	269.00	79700	1550.0	<2	797.0	<10	114	66.8	11	<10	<10	Boulder	Ultramafic volcanite	Rusty spots
1037	7439411	561485	70	46.40	1620.0	105.00	30100	544.0	<2	692.0	<10	25	36.8	<10	<10	<10	Boulder	Ultramafic volcanite	Rusty spots

STONEROL

REPORT FINAL UPDATE

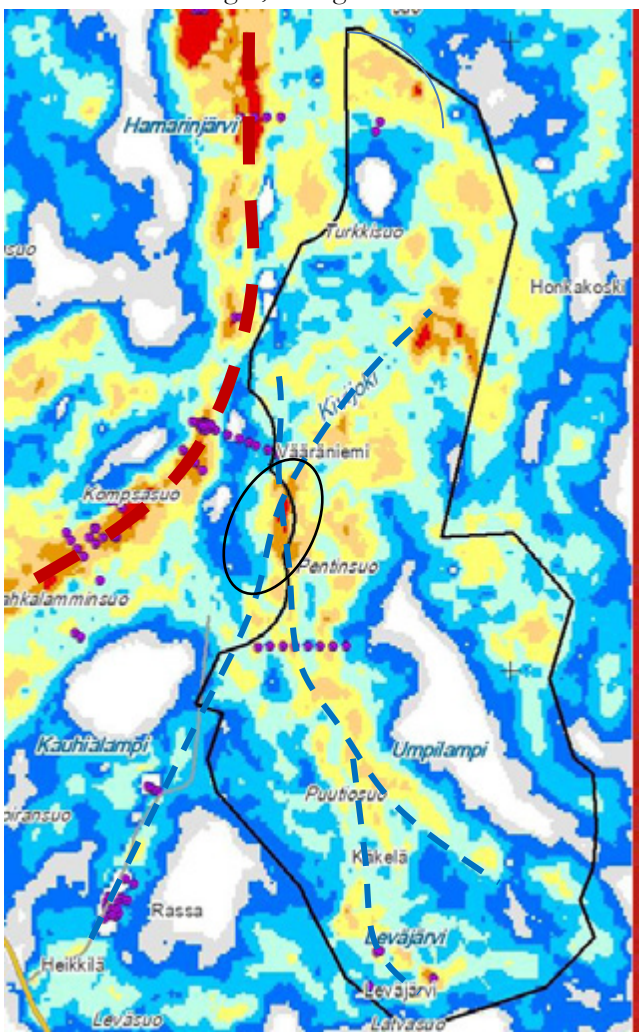
SEPTEMBER 6, 2013

for Stonerol Oy by Markku Iljina

Finland update

Oijärvi Au prospectivity study

GTK finished the Oijärvi Au prospectivity study. The study followed by discussions with GTK people resulted in delineation of one rather pinpoint target, which due its physical position close to known Au enrichment and unexplained major structural lineaments was selected as number one target. The target is about 1.3 km in length, see figure below.



Oijärvi area. Known Au enriched zone in red dashed line. Blue lines are untested structural lineaments. Oval shows the first priority target indicated by the Au prospectivity study.

Tervola

Requests for quotation for geophysical measurements and drilling were asked from three service providers:

Gephysical measurements:

-GTK

-Drillcon (SMOY)

-Astrock Oy (did not submit offer)

Drilling:

-Drillcon (SMOY)

-Oy KATI Ab (Kalajoen timanttikairaus Oy)

-Arctic Drilling Complany, ADC

STONEROL

MINUTES SKYPE DISCUSSION

SEPTEMBER 9, 2013

Conclusion / Summarisation of the Skype Discussion on September 9th, 2013

Participants:

≠ Dr. Markku Iljina
≠ Ann Bjurström (part time, due to Skype problems)
≠ Gaby Strausak (part time, due to Skype problems)
≠ Dr. Markus Elsasser

THE GREATER SALLA AREA

Varvikko

The claim application has successfully been withdrawn from TUKES.

Känespella

Four (4) boulder samples have been taken by Markku Iljina during his field visit. Laboratory results were negative. Because of mediocre MMI results we will work no further on Känespella.

➢ Markku Iljina/Ann Bjurström to withdraw our TUKES claim application.

Tuohivaara

Markku Iljina took 16 boulder samples and 9 outcrop samples on his field visit. Laboratory results were also all negative. But due to much higher MMI values we will keep our claim application running. The area in the east has 347 hectares and the area in the west has 159 hectares. Claim cost per year would be € 10'000.--.

Once we have the claim application or a save arrangement with the land owner, we must identify the best spots for a few drill holes. If these turn out to be negative, we have to leave the area.

Aatsinki

Due to negative results on boulder sampling taken by Markku Iljina, the decision has been made to withdraw our claim application.

➢ Markku Iljina/Ann Bjurström to write a withdrawal letter to TUKES.

For the new area *Kelloselkä* (in the neighbourhood) a claim reservation (which would give us 2 years of no cost of prospecting) has been lodged and we are waiting for the official approval.

Once we have the official reservation we have 2 years time to work on *Kelloselkä*. The reason for choosing *Kelloselkä* was the interesting GTK prospectivity analysis result.

OIJÄRVI

The claim reservation runs out in January 2014. The GTK prospectivity analysis has been done. The results show several interesting spots. Therefore, we will study this prospecitivity analysis in detail during Autumn/Winter 2013, so that we can narrow down the promising, smaller claim application areas. Once this is decided, we must send in our claim application before January 2014.

LEHMIKUMPU, TERVOLA

Also here, our claim reservation runs out in January 2014. One of the attractions is the FQM neighbour. To find out whether there is a chance for copper-zinc we will now do the following:

- Markku Iljina to employ GTK for magnetic/electromagnetic measurements (approx. 3.5 km, 2 experts, IP/magnetometer, plus analysis of data = total budget approx. € 10'000.--). Markku Iljina to plan and guide the project.

If the GTK results are very promising, then we will decide during Autumn/Winter 2013 if we are going for a claim application of certain parts of this area. If the results are negative we will let the reservation run out in January 2014.

In the positive case we have to consider drilling (once we have the claim application or safe arrangement with the land owner). For example: Current quotes are;

a) 8 holes, 1'500 m = € 86'000.-- or
b) 10 holes, 500 m = € 35'000.--.

Both quotes are for the plain drilling costs only. All decisions on drilling to be made later.

ILOMANTSI

- The final decision has been made that we will concentrate on the north of Finland. Therefore, the claim reservation for Ilomantsi in the south of Finland will run out in January 2014 and we do no work in this area.

Next Skype meeting: **Thursday, October 17th, 2013, 9 a.m. CEST/ 10 a.m. EEST**.
As Markku Iljina has the premium Skype version, it is important that he contacts all of us and we wait for him to call. Please everybody to check if you have the latest Skype version installed.

Transcript writer: Gaby Strausak / 10.09.2013

STONEROL

GOLD PANNING

Gold panning in beautiful Saariselkä

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