Käpykorpi

Occurence type: showing

Commodity	Rank	Total measure	Total production	Total resource	Importance
gold	1	NA	NA	NA	NA

Easting EUREF: 384741,029
Northing EUREF: 7157050,312

Easting YKJ: 3384867
Northing YKJ: 7160048

Discovery year: 1982
Discovered by: Outokumpu Oy
Province: Laivakangas (Au, Cu)
References: 1, 2, 3

Mineral deposit type

Group: Metallogenic deposit
Main type: Orogenic (metamorphic hydrothermal)
References: 4, 5, 6

Dimension

Expression: exposed
Form: discordant
Shape: NA
Length (m): NA
Width (m): NA
Thickness (m): NA
Depth (m): NA

Area (ha): NA
Dip azim: NA
Dip: NA
Plunge azim: NA
Plunge dip: NA
Orientation method: NA

Holder history

Current holder: Laiva Gold Oy
Years: 2019
Holding type: Application for exploration permit

Previous holders:

Company	Years	Holding type	Comments
Nordic Mines Marknad AB	2014-2019	Claim (old law)	NA
Nordic Mines AB	2005-2010	Claim (old law)	NA
Endomines Oy	1998-2003	Claim (old law)	NA
Outokumpu Oy	1985-1987	Claim (old law)	NA

EXPLORATION ACTIVITY

Outokumpu Oy

Years	Activity type	Geologist	Exploration result	Ref
1982-1986	detailed geology	Esa Sandberg.	NA	4, 6
	Auriferous glacial erratic boulders were found, this was followed by the discovery of the mineralisation in outcrop in the same year.			

1982-1986	detailed geochemistry	Esa Sandberg.	NA	4, 6

Geological Survey of Finland

Years	Activity type	Geologist	Exploration result	Ref
1982-1982	regional geophysics	NA	key geological features	
	Low-altitude airborne magnetic, electromagnetic and radiometric survey			

Outokumpu Oy

Years	Activity type	Geologist	Exploration result	Ref
1982-1986	detailed geophysics	Esa Sandberg	geophysical anomaly	6
	An IP anomaly relaterd to mineralisation?			

1982-1986	core drilling	Esa Sandberg.	NA	6
	Five diamond-drill holes, total 489 m, drilled into IP and geochemical anomalies.			
	Intersections			
	HoleID	RH/HO-5		
	From-To	NA		
	Length	2m		
	gold	1,2ppm		

GEOLOGY

Host rock: Mafic volcanic rock, Tonalite

Mafic volcanic rock (Host rock)

Rock type: Host rock
Proportion: minor
Grain size: NA
Color: NA
References: 6
Comments: The mineralisation is in the contact zone of synorogenic granitoid and mafic metavolcanic rock.

Metamorphic description:

Type:	Facies:	Degree:	Relation to mineralization:	Min P- Max P (kbar)	MIn T- Max T (°C)
Regional	amphibolite metamorphic facies	medium metamorphic grade	NA		

Tonalite (Host rock)

Rock type: Host rock
Proportion: major
Grain size: NA
Color: NA
References: 4, 5, 6

Metamorphic description:
Ore minerals:

Mineral	Proportion	Mineral texture
Arsenopyrite	major	
Gold	minor	
Löllingite	minor	
Pyrite	minor	

Other minerals:

Mineral	Proportion	Mineral texture
Quartz	present	
Scheelite	present	

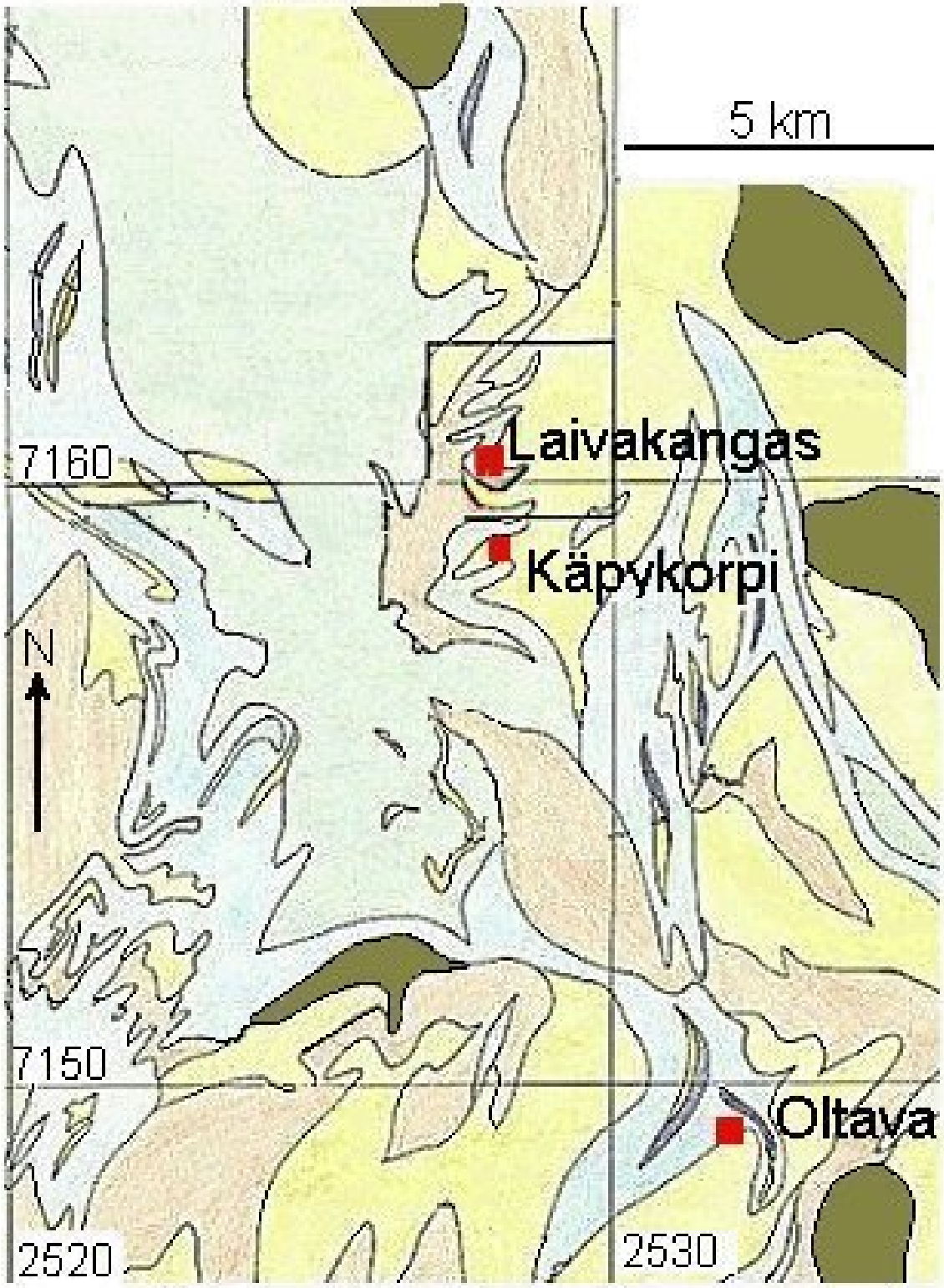
Type:	Facies:	Degree:	Relation to mineralization:	Min P- Max P (kbar)	MIn T- Max T (°C)
Regional	amphibolite metamorphic facies	medium metamorphic grade	NA		

Figures

Regional geology:

Laivakangas - Oltava area

Mäkelä (1984)



Mica schist, mica gneiss
Graphitic schist
Quartz diorite, granodiorite
Amphibolite

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