

M52.5 / 4523 / 98 / R321

<i>Geologi</i>	RÄSÄNEN J				
<i>Kunta / Kohde</i>	KUUSAMO / TAKANEN				
<i>Karttalehti</i>	452302C	<i>Yht X</i>	7295229	<i>Kkj X</i>	7293510
<i>Kairauspvm</i>	28.05.1998	<i>Yht Y</i>	3604821	<i>Kkj Y</i>	4467200
<i>Suunta</i>	180°			<i>Z</i>	262
<i>Lähtökaltevuus</i>	55°				

KALTEVUUSTIEDOT

0 m	55.9°	10 m	55.7°	20 m	55.8°
30 m	55.9°	40 m	60°	50 m	55.7°
60 m	55.7°	70 m	55.6°	80 m	55.5°
90 m	55.1°	100 m	55°	110 m	54.5°
120 m	54.3°	130 m	54.4°	140 m	53.7°
141.6 m	53.7°				

<i>Yläsyvyys</i>	<i>Alasyvyys</i>	<i>Kivilajiseloste</i>			
0.00	16.00	<i>Kivilajinimi</i>	OVERBURDEN		
		<i>Väri</i>		<i>Raekoko</i>	
<i>Mineraali</i>					
<i>Rakenne</i>					
<i>Tektoniikka</i>					
<i>Leikkaus</i>					
<i>Hie</i>					
16.00	45.70	<i>Kivilajinimi</i>	MAFIC VOLCANITE		
		<i>Väri</i>	GREENISH GREY	<i>Raekoko</i>	FINE GRAINED
		Massive and homogenous, schistose intervals separated by banded and brecciated intervals with chilled and bending boundary surfaces resembling pillowed flow unit with associated fragmental and banded interpillow material. 16.00-21.20 mainly massive and homogeneous. 21.20-25.90 banded, some fragments. 25.90-36.00 massive, some fragmental and thin banded intervals. 36.00-41.20 banded, fold-like bending boundary surfaces. 41.20-45.70 massive and homegeneous.			
<i>Mineraali</i>					
<i>Rakenne</i>					
<i>Tektoniikka</i>					
<i>Leikkaus</i>					
<i>Hie</i>		18.50	KOH RO 19741		
		25.15	OH RO 19742		
45.70	48.05	<i>Kivilajinimi</i>	FELSIC DIKE		
		<i>Väri</i>	BROWNISH GREY	<i>Raekoko</i>	SMALL GRAINED
		Homogeneous and massive, weakly porphyric 2-3 mm plagioclase crystals. Sharp contacts.			
<i>Mineraali</i>					
<i>Rakenne</i>					
<i>Tektoniikka</i>					
<i>Leikkaus</i>					
<i>Hie</i>		47.40	KOH RO 19743		
48.05	64.30	<i>Kivilajinimi</i>	MAFIC VOLCANIC		
		<i>Väri</i>	GREENISH GREY	<i>Raekoko</i>	FINE GRAINED
		Banded, looking arbitrarily folded with massive intervals resembling pillows or pillow fragments with breccias.			
<i>Mineraali</i>					
<i>Rakenne</i>					
<i>Tektoniikka</i>					
<i>Leikkaus</i>					
<i>Hie</i>		59.35	OH RO 19744		

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64.30	65.10	<i>Kivilajinimi</i> <i>Väri</i> Unhomogeneous. Sharp contacts.	FELSIC DIKE LIGHT REDDISH GREY	<i>Raekoko</i>	COARSE GRAINED
<i>Mineraali</i> <i>Rakenne</i> <i>Tektoniikka</i> <i>Leikkaus</i> <i>Hie</i>					
65.10	82.50	<i>Kivilajinimi</i> <i>Väri</i> Mostly brecciated, massive intervals with thin amphibole-rich bands associated with brecciated and banded intervals resembling pillowed flows and breccias together with hyalotuffs. Quartz veinlets, pygmatic quartz veins and quartz-filled breccias.	MAFIC VOLCANITE GREENISH GREY	<i>Raekoko</i>	FINE GRAINED
<i>Mineraali</i> <i>Rakenne</i> <i>Tektoniikka</i> <i>Leikkaus</i> <i>Hie</i>					
82.50	83.50	<i>Kivilajinimi</i> <i>Väri</i> Porphyric, similar as 45.70-48.05. Sharp contacts.	FELSIC DIKE BROWNISH GREY	<i>Raekoko</i>	SMALL GRAINED
<i>Mineraali</i> <i>Rakenne</i> <i>Tektoniikka</i> <i>Leikkaus</i> <i>Hie</i>					
83.50	90.40	<i>Kivilajinimi</i> <i>Väri</i> Massive and homogenous, schistose. Abundantly amphibole and amphibole-rich 1-3 cm bands. Quarts-feldspar veinlets. After 89.70 banded, strongly schistosed and biotized.	MAFIC VOLCANITE GREENISH GREY	<i>Raekoko</i>	FINE GRAINED
<i>Mineraali</i> <i>Rakenne</i> <i>Tektoniikka</i> <i>Leikkaus</i> <i>Hie</i>					
90.40	92.80	<i>Kivilajinimi</i> <i>Väri</i> Porphyric, similar as 45.70-48.05. Sharp contacts.	FELSIC DIKE BROWNISH GREY	<i>Raekoko</i>	SMALL GRAINED
<i>Mineraali</i> <i>Rakenne</i> <i>Tektoniikka</i> <i>Leikkaus</i> <i>Hie</i>					
92.80	102.20	<i>Kivilajinimi</i> <i>Väri</i> Mainly banded, some massive and homogenous intervals. Sparse disseminated fine grained sulphide and some sulphide streaks (mainly pyrrhotite, some pyrite).	MAFIC VOLCANITE GREENIS GREY	<i>Raekoko</i>	FINE GRAINED
<i>Mineraali</i> <i>Rakenne</i> <i>Tektoniikka</i> <i>Leikkaus</i> <i>Hie</i>					
		99.40	KOH RO 19745		

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102.20	103.10	Kivilajinimi Väri Unhomogenous, some mafic inclusions.	GRANITIC DIKE REDDISH GREY	Raekoko	COARSE GRAINED
Mineraali Rakenne Tektoniikka Leikkaus Hie					
103.10	105.00	Kivilajinimi Väri Massive, highly schistose, biotite bands.	MAFIC VOLCANITE GREENISH GREY	Raekoko	FINE GRAINED
Mineraali Rakenne Tektoniikka Leikkaus Hie					
105.00	107.20	Kivilajinimi Väri Unhomogeneous, mafic inclusions. Sharp contacts.	FELSIC DIKE LIGHT GREY	Raekoko	MEDIUM/COARSE GRAINE
Mineraali Rakenne Tektoniikka Leikkaus Hie					
107.20	116.65	Kivilajinimi Väri Weakly banded, schistose and abundantly amphibole, massive and homogeneous intervals. After 111.00 clearly banded containing dark green amphibole-rich tuffite-like layers up to some cm's and alternating mm's thick greenish grey chert-like layers rich in very fine grained quartz.	MAFIC VOLCANITE GREYISH GREEN/GREE	Raekoko	FINE GRAINED
Mineraali Rakenne Tektoniikka Leikkaus Hie					
		108.40 OH RO 19746 116.65 OH RO 19747			
116.65	119.40	Kivilajinimi Väri Banded and foliated, 0.5-2.5cm thick layers rich in quartz and feldspar with varying amounts of amphibole. Pyrite-bearing small grained amphibole bands and some pyrite streaks.	AMPHIBOLE-QUARTZ-FELDSPAR SCHIST GREY/GREENISH GREY	Raekoko	FINE GRAINED
Mineraali Rakenne Tektoniikka Leikkaus Hie					
		116.65 OH RO 19747 117.60 OH RO 19748			
119.40	123.90	Kivilajinimi Väri Banded, strongly folded and highly foliated with brecciated intervals. Thin amphibole bands and pyrite streaks, boudinaged 1-3 mm thick pyrite-bearing quartz veins. Some massive looking intervals with 1-2 mm quartz veinlets.	MAFIC VOLCANITE DARK GREY	Raekoko	FINE GRAINED

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Mineraali
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Tektoniikka
Leikkaus
Hie

123.90	132.45	Kivilajinimi	MAFIC VOLCANITE		
		Väri	GREYISH GREEN	Raekoko	FINE GRAINED
		Banded, tuffite-like, intensively folded. 125.40-125.90 ultramafic dike, amphibolized and biotized. 132.35-132.45 quartz vein.			

Mineraali
Rakenne
Tektoniikka
Leikkaus
Hie

132.45	137.00	Kivilajinimi	AMPHIBOLE-QUARTZ-FELDSPAR SCHIST		
		Väri	GREENISH GREY	Raekoko	FINE GRAINED
		Banded, similar as 116.65-119.40. 133.90-134.05 and 134.60-134.65 felsic dikes, porphyric, similar as 45.70-48.05. 135.30-135.40 pyrrhotite-rich interval. After 136.80 abundantly pyrrhotite streaks.			

Mineraali
Rakenne
Tektoniikka
Leikkaus
Hie

137.00	137.55	Kivilajinimi	PYRRHOTITE ORE		
		Väri	BRONZE	Raekoko	FINE GRAINED
		Massive and brecciated, abundantly almost white felsic fragments as inclusions containing disseminated sulphide (pyrrhotite and some pyrite with chalcopyrite). The amount of felsic fragments increases downwards.			

Mineraali
Rakenne
Tektoniikka
Leikkaus
Hie

137.55	140.90	Kivilajinimi	QUARTZ-FELDSPAR SCHIST		
		Väri	LIGHT GREY	Raekoko	FINE GRAINED
		Banded and silicified. Uppermost part thinly banded with sulphide streaks and veinlets. 137.90-139.00 amphibole-bearing, some yellowish-greenish epidotized bands in association with quartz vein. After 139.00 clearly banded and mainly mafic, alternating 5-15 mm thick dark grey layers rich in amphibole and light grey layers rich in quartz.			

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Rakenne
Tektoniikka
Leikkaus
Hie

		137.60	KOH RO 19750		
		139.10	OH RO 19751		
		140.05	OH RO 19752		
140.90	141.60	Kivilajinimi	FELSIC DIKE		
		Väri	REDDISH GREY	Raekoko	SMALL GRAINED
		Weakly porphyric, resembles the dike 45.70-48.05			

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Mineraali
Rakenne
Tektoniikka
Leikkaus
Hie

Kuvaus DDH R321 EOH 141.60 m Anal.# 72104

Tilausnumero **Menetelmä**

72104 +511P
175X
308M
521U