

TABLE 1 -Mineralogical assemblage of the dikes

Generation	MD 1			MD 2															
	I (30)	II (40)		III (30)			IV (80)		V (4)	VI (30)				VII (2)	VII (150)				
Dike (thickn. m)	84541	73506	73507	73804	73805	73806	73860 (*)	73862 (*)	73532	73549	73548	73547	73550	73534	73856	73857	57734	57735	57736
Position	contact	contact		contact	inter.	center.	contact	center	contact	contact	inter.	center	center	apophys.	contact	center	contact	center	contact
Plagioclase	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
An%		72	61	69	69	55	52	34		73		69		87 - 61	71	61	80 - 75	81 - 58	
Augite	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM
2Vz - c : Z			37 - 44			43 - 37				56 - 39		41 - 40		44			40 - 52	33 - 38	
Pigeonite						M				T		T				M	M		T
2Vz - c : Z						17 - 30				30 - 47		5 - 29					27 - 43		
Enstatite													T	T					
2Vx													90	89					
Olivine		M						M		T			T	M			M		M
2Vx														88			78		
Amphibole	T		M		T		M					T				T	M	T	T
Biotite			M	T	M		T	M			M	M				M	T	M	T
Apatite	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
Chlorite			T		T		M	M	M		T	T	T		T				
Epidote							M	M	M						T				
Sphene																			
Opaque	M	M	M	M	M	M	T	T	M	M	M	M	M	M	M	M	M	M	M
Texture	ophitic	porphyr.	doler.	porphyr.	doler.	doler.	porphyr.	doler.	ophitic	porphyr.	doler.	doler.	ophitic	porphyr.	porphyr.	doler.	porphyr.	doler.	porphyr.

Generation	MD 2			MD 3								TD				Lamprophyres			
	IX (10)			X (10)			XI (80)		XII (8)		XIII (2)	XIV (20)		XV (15)		XVI (4)	XVII (6)		
Dike (thickn. m)	57823	57825	57828	73552	73554	73529	73502	73504	73855	73854	57777	73810	73818	73832	73831	73578	73849	73850	73851
Position	contact	inter.	center	contact	center	center	contact	center	contact	center	contact	apophys.	center	contact	center	inter.	contact	inter.	center
Plagioclase	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	M	T	M	MM
An%	77			70	80 - 55		65	60 - 45					35		35	35		70 - 50	
Augite	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	MM	M	MM	MM	MM	M	MM	MM	MM
2Vz - c : Z		45 - 39	47 -	37 -	42 - 37			43 - 41					46 - 45					35 - 39	
Pigeonite		M	T					T											
2Vz - c : Z		16 - 26	18 -					16 - 39											
Enstatite																			
2Vx																			
Olivine											M		M				MM	M	
2Vx													77				90 - 85		
Amphibole	T	T	T		M	M	M	M		T		M	T		M	MM	T	M	M
Biotite		T	T	T	T	T	T	M		T		MM	MM	M	T		T	M	M
Apatite	T	T	T	T	T	T	T	T	T	T	T	T	M	M	T	M	T	T	T
Chlorite	T	T	T	T	T	T	T	M	T	T	T					T			T
Epidote										T									
Sphene												T							
Opaque	M	M	M	M	M	M	M	M	M	M	M	M	M	M	T	M	M	MM	M
Texture	porphyr.	doler.	doler.	porphyr.	doler.	doler.	porphyr.	doler.	porphyr.	doler.	porphyr.	intergr.	doler.	porphyr.	intergr.	porphyr.	intergr.	porphyr.	porphyr.

MM = main constituents; M = minor constituents; T = trace constituents.

(*) = altered samples (in sample 73860 quartz and albite are present).