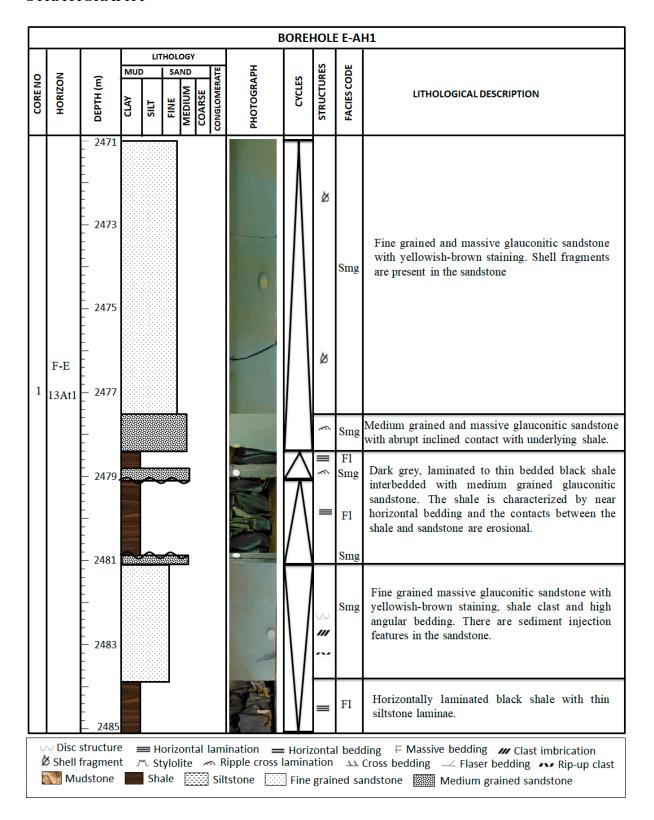
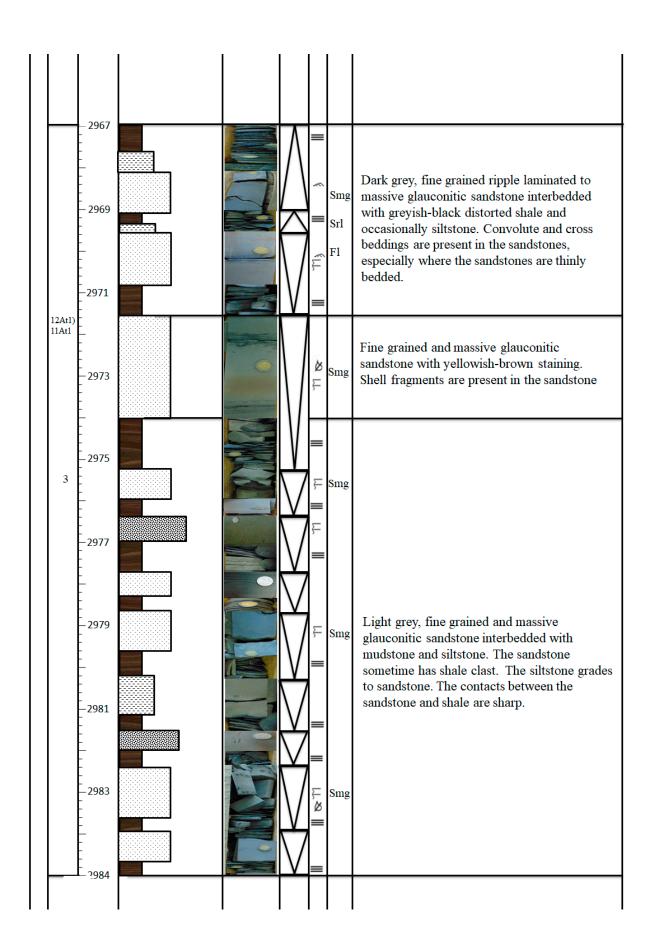
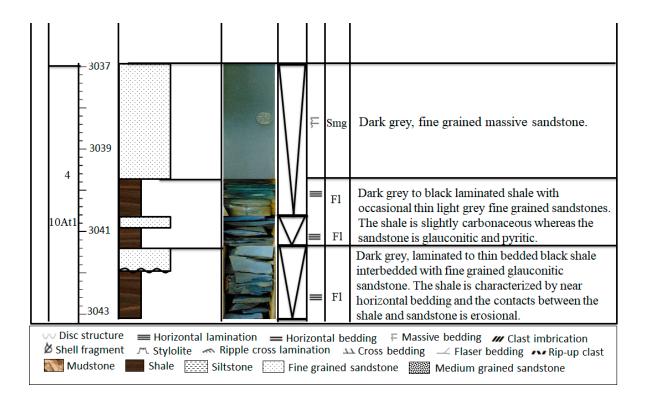
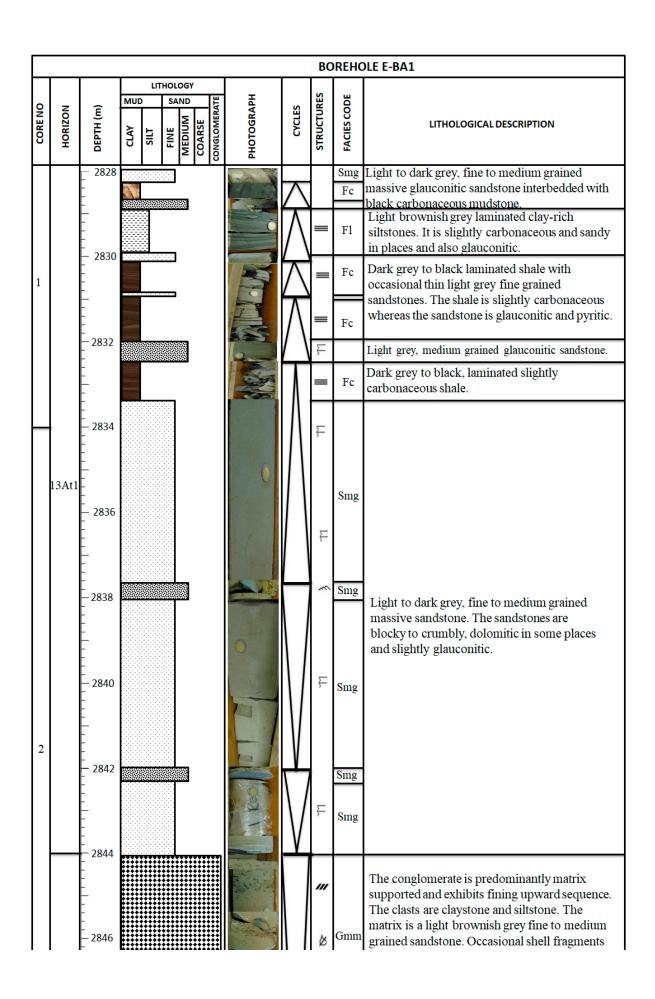
STRATIGRAPHY

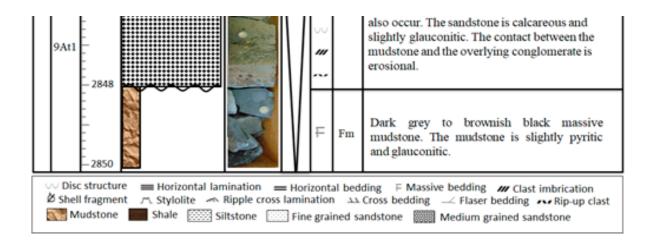


								ВС	ORE	HOLI	E E-AJ1
CORE NO	HORIZON	DEРТН (m)	CLAY G	1	AND	COARSE	РНОТОСВВАРН	СУСLОТНЕВМ	STRUCTURES	FACIES CODE	LITHOLOGICAL DESCRIPTION
	1 14A	2701 - 2701 2703 - 2705				•		V	Ø	Smg	Light to dark grey, fine to medium grained massive sandstone. The sandstones are blocky to crumbly, dolomitic in some places and slightly glauconitic.
		2720						<u> </u>			
	14A	- 2722 - 2722 					•			Smg	Light to dark grey, fine to medium grained
	2	- - - - - - - - - - - - - - - - - - -					6		Щ	Smg	massive sandstone. The sandstones are blocky to crumbly, dolomitic in some places and slightly, glauconitic
		2728							W	Smg	

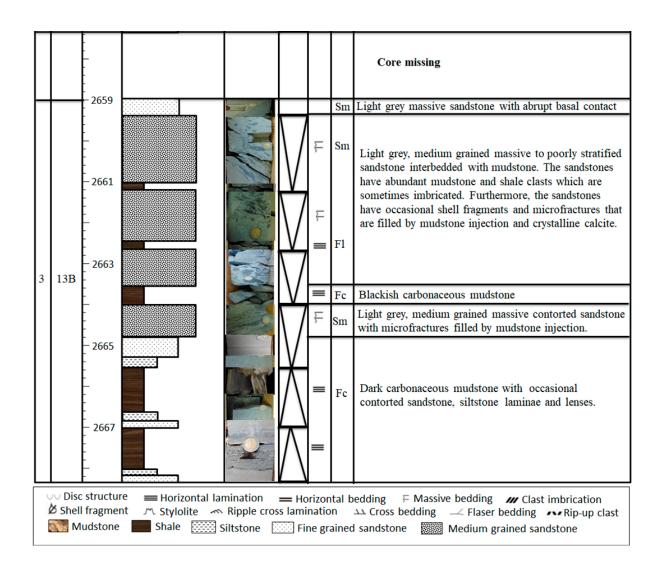




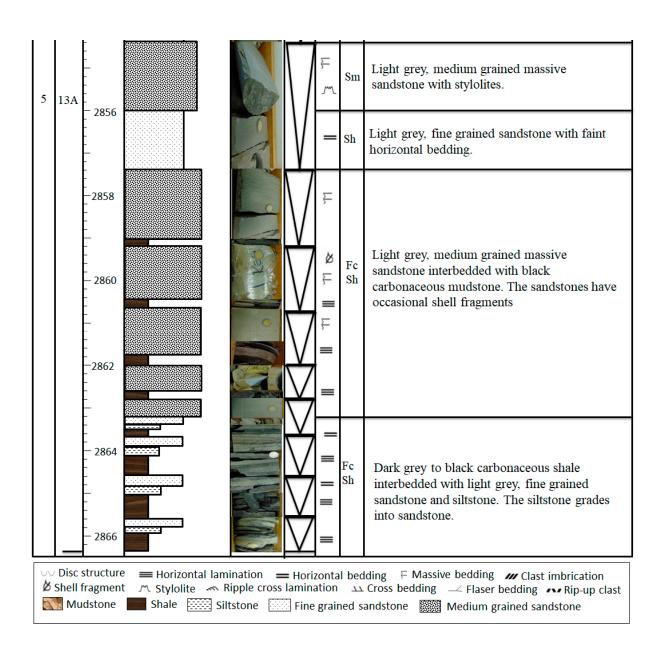




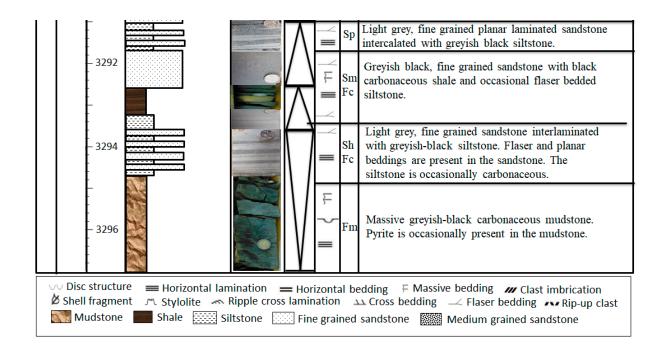
Г					ВО	REH	OLE I	E-BB1
CORENO	HORIZON	DЕРТН (m)	SILT DONALDINE CONGLOMERATE	PHOTOGRAPH	CYCLES	STRUCTURES	FACIES CODE	LITHOLOGICAL DESCRIPTION
1		- 2537 - - - -				W ₩	Smg	Light grey, fine grained and massive glauconitic sandstone. The sandstone is mostly structureless. Shell fragments are occasionally present in the sandstone.
		- - - - 2539 - - - - -		P		<i>000</i>	Smg	Light to dark grey, fine grained and massive sandstone. The sandstones are blocky to crumbly, dolomitic in some places and slightly glauconitic. Brownish discolouration is occasionally seen in the sandstone which could be due to the dolomite and iron-calcite cement.
		-					Fc	Greyish-black mudstone
		- 2541 -			\setminus	~	Srl	Light grey, very fine grained sandstone with stylolites and ripple laminations
		-			V			Black carbonaceous shale
	14A	- - - - - 2543 - - -			\bigvee	1 × W	Smg	Light grey, very fine grained massive sandstone. Cross bedding, stylolites, discolouration, shell fragments and sharp contact with the underlying shale
		-			V	=	Fl	Black shale with siltstone laminae
		- - - 2545 - -			\bigvee	ø	Smg	Light grey, very fine grained massive sandstone with shell fragments, concretions (dolomite) and occasional shale clast
		–				=		Mudstone with sandstone and siltstone laminae.
2		- - - - 2547			\bigvee	₩ W	Sm	Light grey, fine grained and massive glauconitic sandstone. Shell fragments are sometimes present in the sandstone.
		-			V		Sh, Fl	Light grey, fine grained sandstone with mudstone laminae
		- - - 2549 - - -	**************************************		$\stackrel{\checkmark}{\nearrow}$	€	Smg	Light grey, fine grained sandstone interbedded with mudstone and siltstone. The siltstone grades to sandstone. The sandstone has ripple laminations and small load structures.
		- -			$/ \setminus$	=	Fc	Carbonaceous shale with trace fossils and bioturbated
		- - 2551 - - - - -	20000000000000000000000000000000000000			ø	Srl	Thinly interbedded sandstone and shale. The sandstone has ripple lamination, small scale load structures, trace fossils and carbonaceous fragments.
		- - - - 2553			Λ	ø	Sm	Massive sandstone with shelly fragments.
					$\sqrt{}$	=	Sm	Light grey massive sandstone interbedded with shale. The contacts between the sandstone and shale are sharp.
		- - 2555 - - - - -			\bigwedge	ᄴᄴ	Sm	Dark grey massive sandstone interbedded with shale. The sandstone has flame structures and bioturbated.

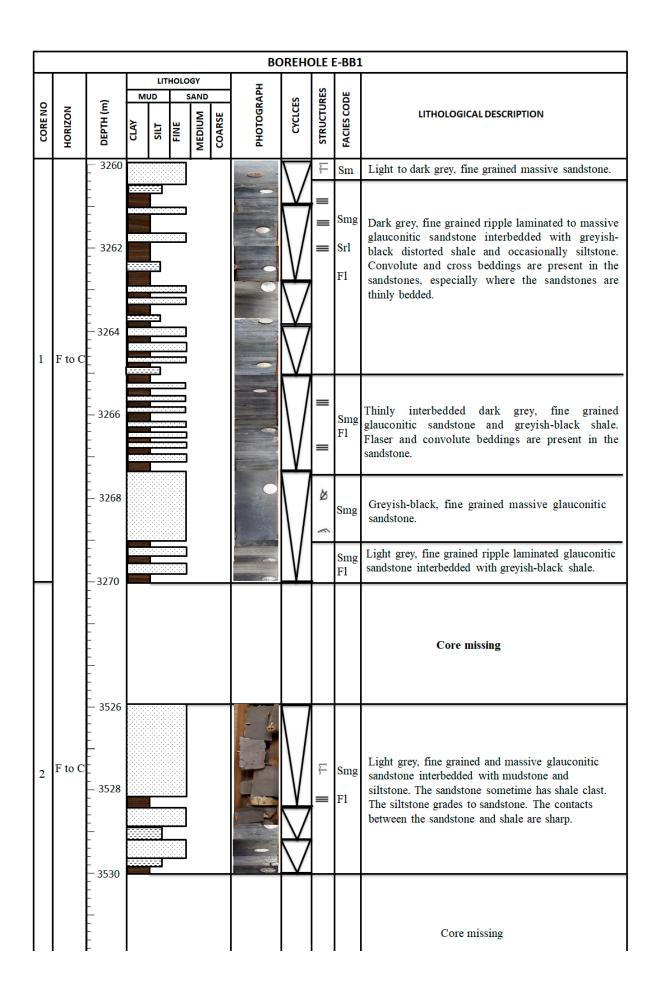


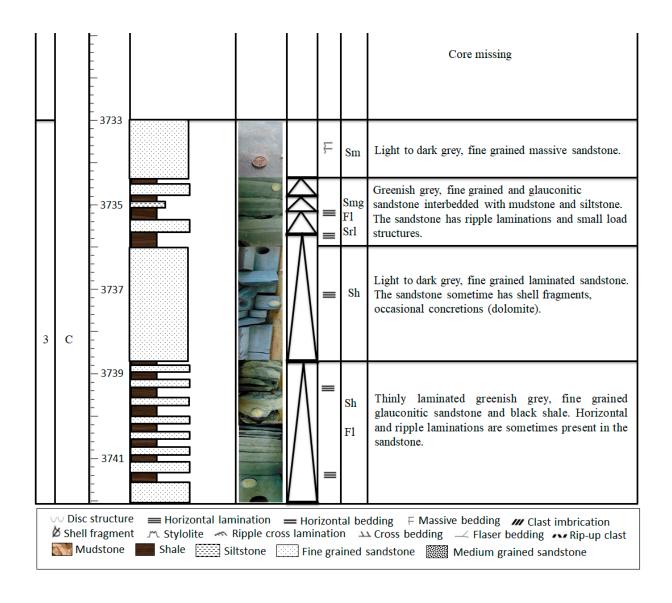
									BOREH	OLE E	-BB1	L (C	ORE 4 - 5)
CORENO	HORIZON	ОЕРТН (m)	CLAY =	SILT 6	Н-	AND		CONGLOMERATE	РНОТОGRAРН	CYCLES	STRUCTURES	FACIES CODE	LITHOLOGICAL DESCRIPTION
		- - - - - - - - - - 2719											
		-							19	\bigvee	LL S		Greyish, fine grained, massive sandstone. The sandstone is glauconitic, slightly carbonaceous with occasional shell fragments.
		- - - 2721		r						\dot{Y}	$\ \ \ $	Fl, Sm	Black shale interbedded with siltstone laminae
4	13A	-								$/\!\!\setminus$	 	Smg	Greyish, fine grained, faintly laminated to massive sandstone with stylolite. The sandstone has faint horizontal bedding and the bedding is sometimes disturbed by loading.
		- 2723 - - - - - -										Fl, Sh	Black shale interbedded with horizontally laminated glauconitic sandstone and siltstone. The sandstone shows fining upward sequence with a thin medium grained glauconitic sandstone at the base.
		- 2725 											Core missing
		2846 									L K	Sm	Dark grey, medium grained massive sandstone with stylolite development.
		- 2848	-				m \	Sm	Light grey, fine grained massive sandstone with slight inclined bedding.				
		- 2850 - 2852 - 2852 2854							0			Sh	Light grey, fine grained sandstone with faint horizontal bedding.

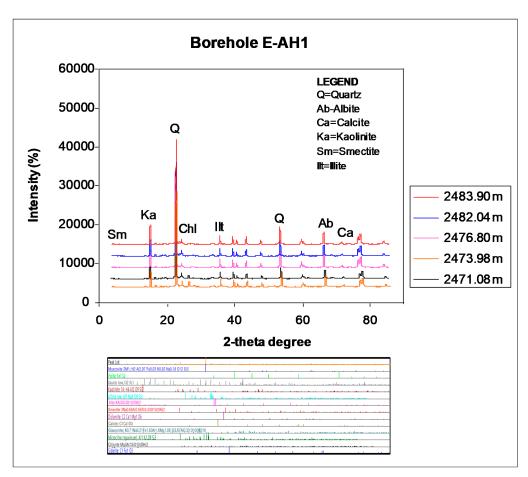


	BOREHOLE E-BB1 (CORE 6 - 8)												
CORENO	HORIZON	DЕРТН (m)	SILT ODARS OTH MEDIUM MEDIUM	CONGLOMERATE	PHOTOGRAPH	CYCLES	STRUCTURES	FACIES CODE	LITHOLOGICAL DESCRIPTION				
									Core missing				
		- 2872 - - - - -						Sm Fl	Light to dark grey, fine to medium grained massive sandstone interbedded with greyish black shale and occasional siltstone. The sandstone bed grades upwards into mudstone.				
6	13A	- 2874 2876	The Poll of the		Mary of		■	Fc	Massive greyish-black carbonaceous mudstone. Pyrite is occasionally present in the mudstone.				
		⊢ 3280							Core missing				
		- 3200					Щ	Sm	Dark grey, fine grained, massive sandstone				
		-			9	Λ		Fc Fl	Dark grey to greyish black carbonaceous shale with flaser bedded siltstone.				
		- - - 3282			3	$/ \setminus$	=	Sm	Greyish, fine grained, massive to poorly stratified sandstone. Faint laminations are occasionally present.				
			**************************************			\nearrow	{ >	Sr	Light grey, fine grained sandstone interlaminated with greyish to black siltstone. Horizontal and ripple laminations, flaser bedding and load structures are present in the sandstone and siltstone (in places).				
		- 3284 - -			-	\bigcirc	=	Sh	Greyish, medium grained, faintly laminated sandstone				
						\forall	 		Light grey, fine grained sandstone interlaminated with greyish to black mudstone and siltstone.				
		3286	**************************************			\bigwedge			Dark grey, fine grained, sandstone interbedded with siltstone and dark grey to greyish black shale. The sedimentary structures in the sandstones and siltstones are ripple, horizontal and planar laminations, convolute and flaser beddings. The sandstone bed grades upwards into shale.				
		- 3288				$/ \setminus$	=	Sh	Greyish-black, fine grained, faintly laminated sandstone				
8	Pre -6A	- - -			CAN	\bigwedge	=	Sh Fc	Light grey, fine grained sandstone interlaminated with greyish-black siltstone. The siltstone is carbonaceous.				
		- 3290 				$/\setminus$	=	Sm Sh	Greyish, fine grained, massive to poorly stratified sandstone. Faint laminations are occasionally present.				

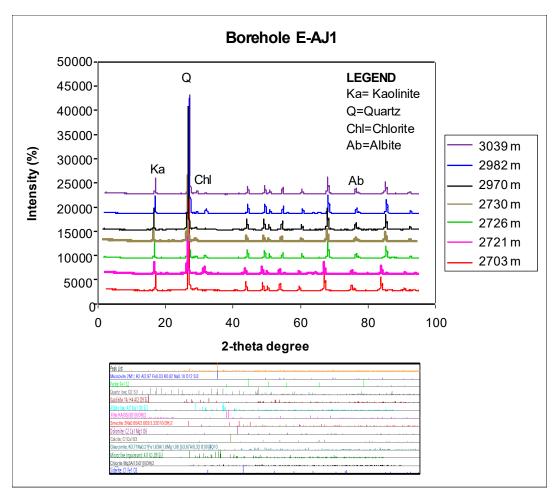




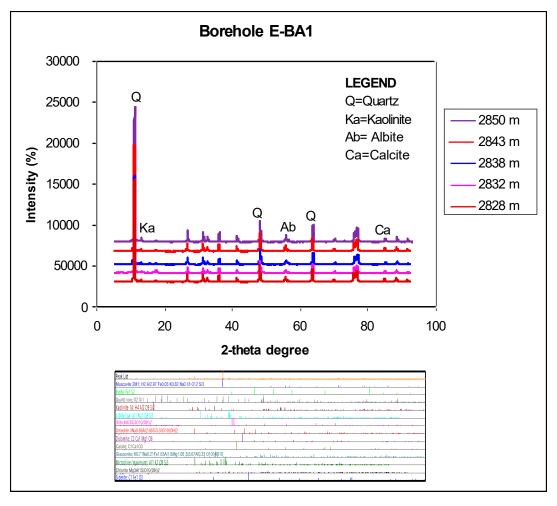




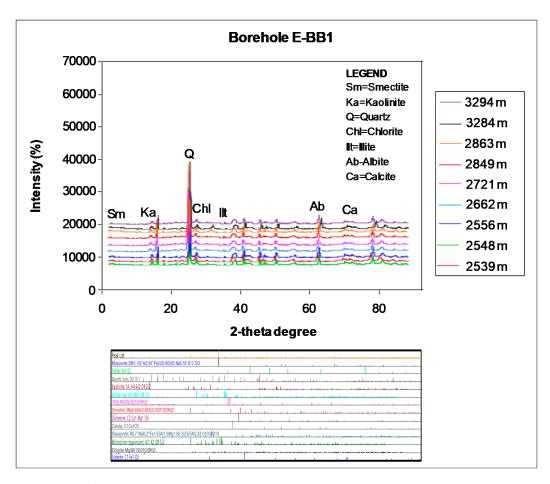
XRD pattern for Borehole E-AH1.



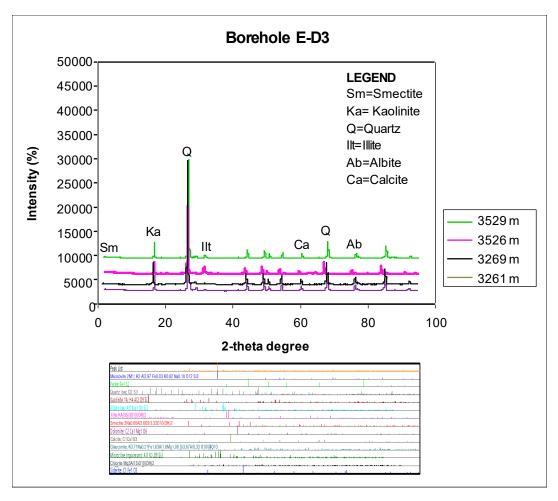
XRD pattern for Borehole E-AJ1.



XRD pattern for Borehole E-BA1.



XRD pattern for Borehole E-BB1.



XRD pattern for Borehole E-D3.