

- - -  
// : // :

\*

چکیده

(debris- deposits)

(overbank

(Sms)

(Gms)

(lake depoits)

/

(Fm)

(Sm)

(stream-flow deposits)

(Gt)

(Gp)

(FL)

(Fsc)

flow  
deposits)

(Gm)

Stoecklin 1968; Berberian 1983; Alavi )

(1994

( )

(RGB )

( )

/

( )

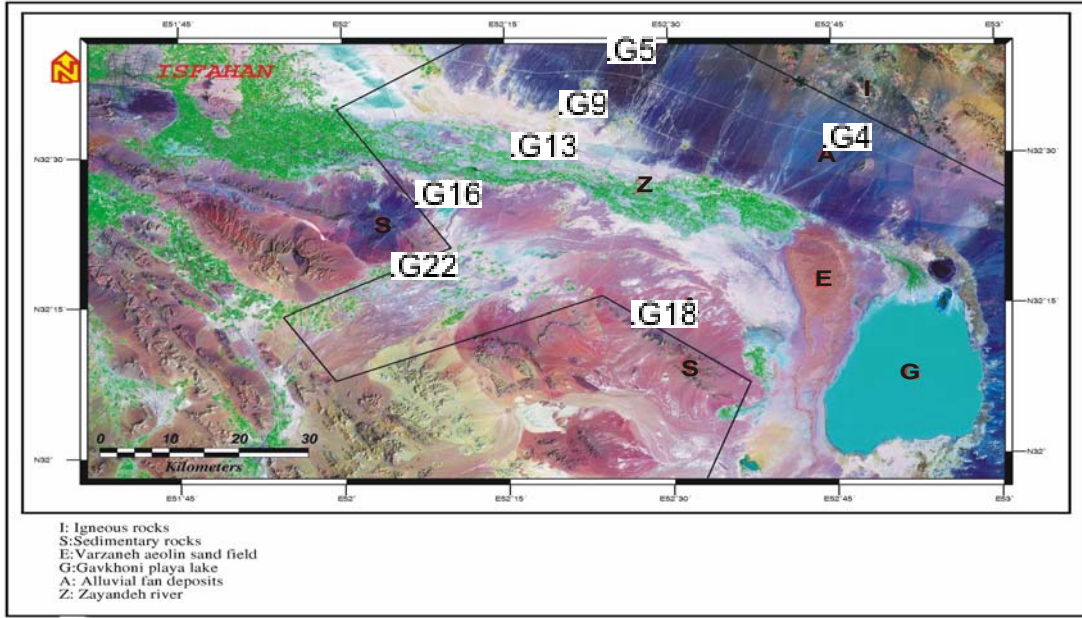
( )

( )

(Miall 1985 and 2006 )

(Tucker 1991) (Folk 1974)

/ / ;



;(RGB 741) ( ) :

/

.A<sub>1</sub>  
(Gms)

matrix-)

grain-)

(supported  
(supported

( G18 )

..

( )

(displasive)

(framework)

%

( )

( )

(Bubble structure)



.(

)(Gms)

:

(winnowing)

Pierson 1980; Blair )

.(and McPherson 1999; Blair 1999

.(Deck et al., 1996)

.(Ryang & Chough 1997)

.....

(Blair and McPherson 1992) .

G 22 )

.(Reineck and Singh 1980)

(rip-up ) .(

.(Blair and McPherson 1995)

( )

/

.(Kulke 1974, Watson 1989)



Collinson

.(1996 ; Went 2005)

(Pakzad and

.Ajalloeian 2004)

.(Reineck and Singh 1980)

/ **A<sub>2</sub>**

**(Gm)**

.(Rhee and Chough1993)

( m/s )

.(Einsele 1996)

mud rip- )

(Postma 1983

(up clasts

Reineck and Singh )

(stream)

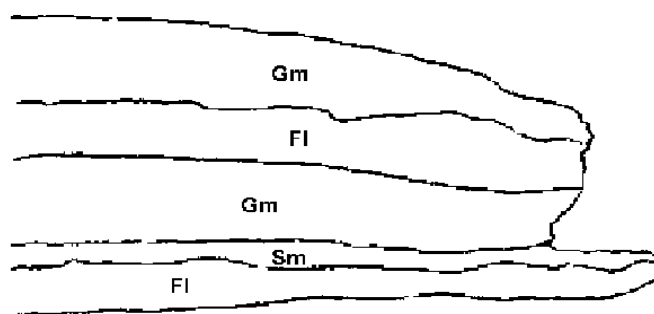
(Einsele 1996)

(1980

(Kelly and Olsen 1993)

(Amini 1997)

Salder and Kelly 1993; )



/ (Gm) / :  
(Fl) (Sm)

.....

$\frac{A_4}{(Gt)}$

$\frac{A_3}{(Gp)}$

/

$(G9)$

$(G 16)$

(Reineck and Singh 1980; Ryang and Chough 1997)

(Reineck and Singh 1980)

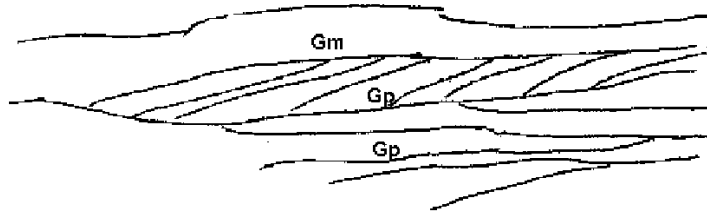
(Ryang and Chough 1997) Gm

(Postma 1983)

Collinson 1996; )

(Steel and Thompson 1983

(Reineck and Singh 1980)



(Gm)

(Gp)

:

.(

/

(Sms)

.B<sub>1</sub>

%

Gms

(Miall

Gms

(1992 and 1977

.(

G5

)

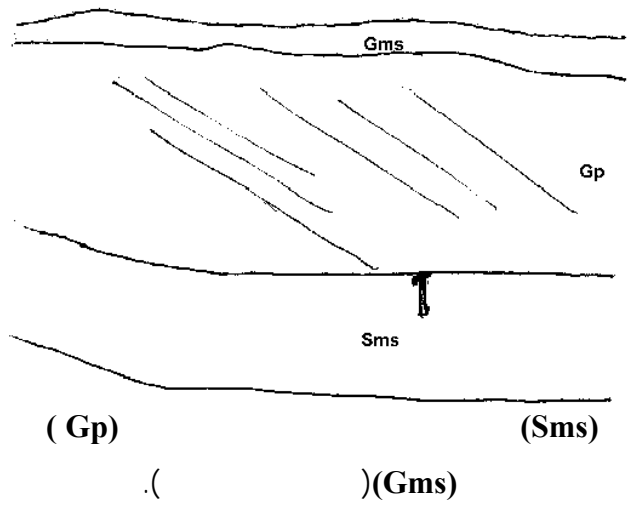


(Turner and Monro 1987)

(hyper-concentrated)

(Smith 1986)

(Kulke 1974)



/

(Sm)

/ .B<sub>2</sub>

(lag gravel)

22

)

.(

G

(lower regime)

(Miall 1992)

.(Collinson 1996 )

.(Parkash et al. 1983)

( )

.(Rhee and Cough 1993)

/ **B<sub>3</sub>**  
:(**St**)

.(Amini 1997)

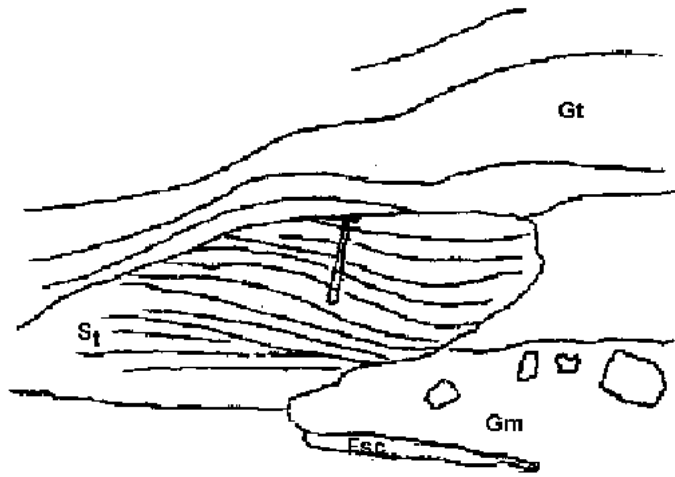
/

Gm

.(Hjellbakk 1997)

.( G9 )

(Amini 1997)



(Gt)

(St)

(

) (Fsc)

(Gm)

(Fm)

.C<sub>1</sub>

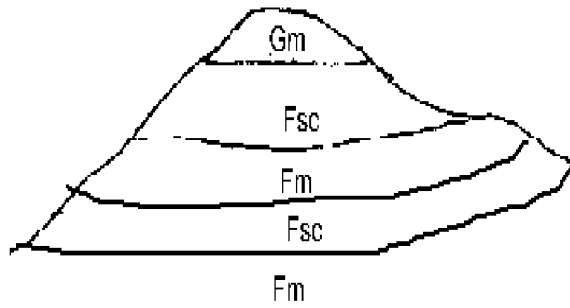
%

%

)

(

G4



(Gm) / (Fm) :  
 .( Fsc )

( )

.(Hjellbakk 1997)

.(Kulke 1974)

)

.(Ryang and Chough 1997

)

(Fsc)

.C<sub>2</sub>

(

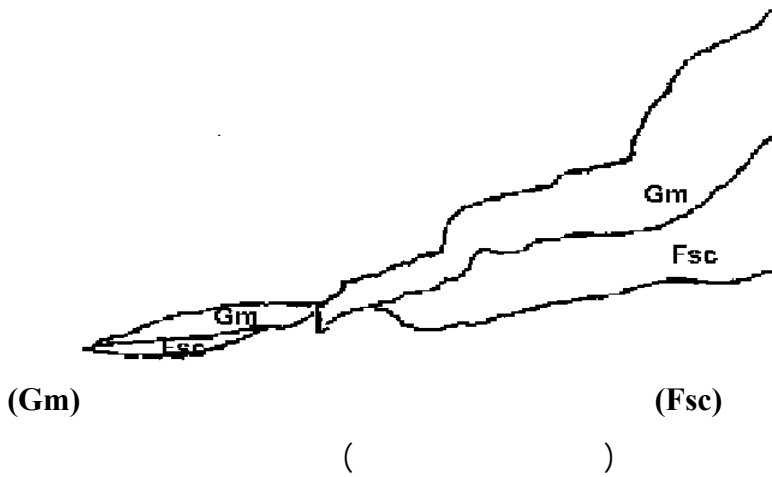
)

.( G13

(Shanley and McCabe 1993)

%

(G13 ) % (G2 )



.(Amini 1997)

cf. Ryang & )

.(Chough 1997

(F1)

.C<sub>3</sub>

G22

)

(

(Gms)

(Sms)

%

%

**:(II**

/

(Gm)

(Gt)

(Gp)

(St)

/

(Miall 1977; Hjellbakk 1997)

( )

**(III)**

(Hjellbakk 1997)

(Fm)

(Fsc)

(Bridge 1984)

Collinson )

(1996)

**(IV)**

( )

**(I)**

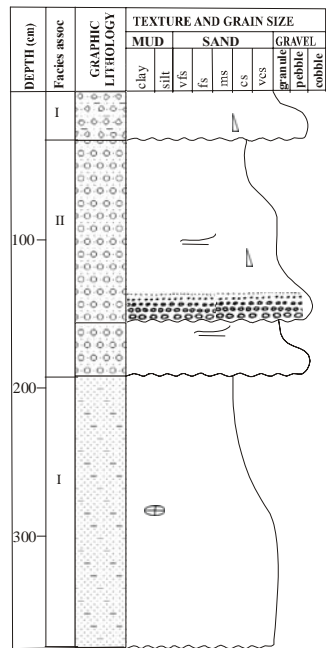
(Sm)

(Fl)

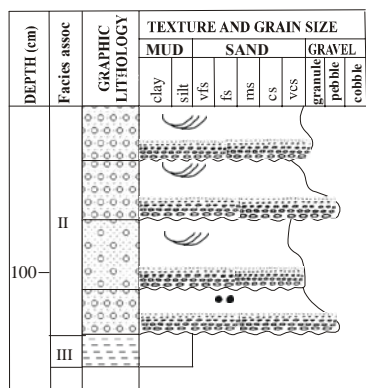
( )

I	Gms		
I	Sms		
II	Gm	/	
II	Gp	/	
II	Gt	/	
II	St	/	
III	Fm		( )
III	Fsc		
IV	Sm	/	
IV	Fl		

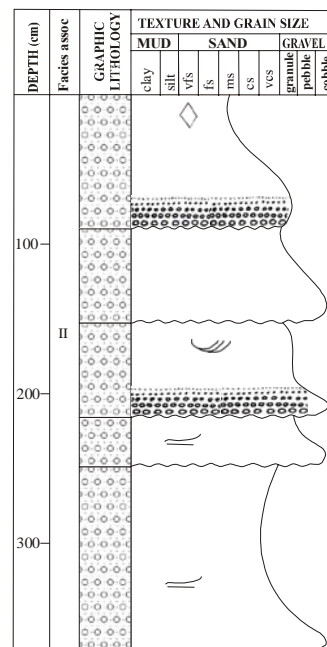
SECTION NO: G5  
SCALE 1:30



SECTION NO: G9  
SCALE: 1:30



SECTION NO: G16  
SCALE 1:30



**EXPLANATION**

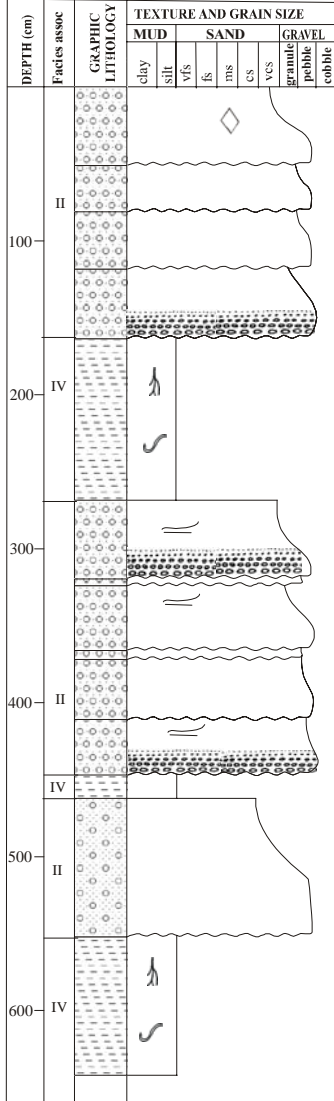
	Muddy sandy gravel		Trough cross bedding		Ostracod
	Sandy conglomerate/Gravel		Fining-up		Unknown trace fossil
	Gravelly sandstone/Sand		Corsening-up		Root trace
	Sandstone/Sand		Mud rip up clasts		
	Muddy sandstone/Sand		Planar cross bedding		
	Mud/marl		Calcrete		
	Reverse bedding		Gypsum crystal		
	Normal bedding				
					Facies association I I
					Facies association II II
					Facies association III III
					Facies association IV IV

.( )

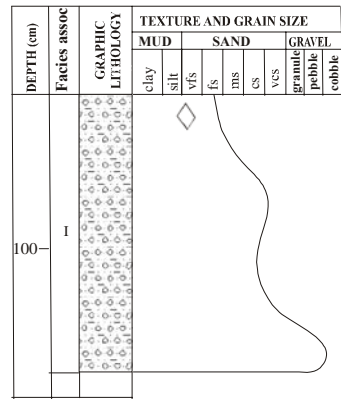
:( )



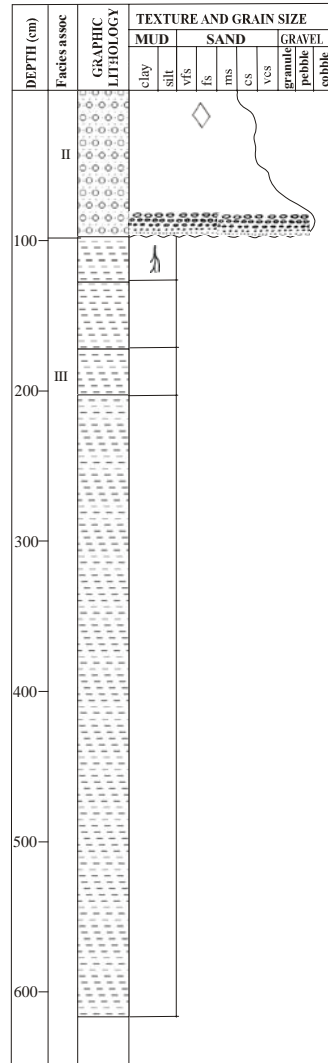
SECTION NO: G22  
SCALE 1:30



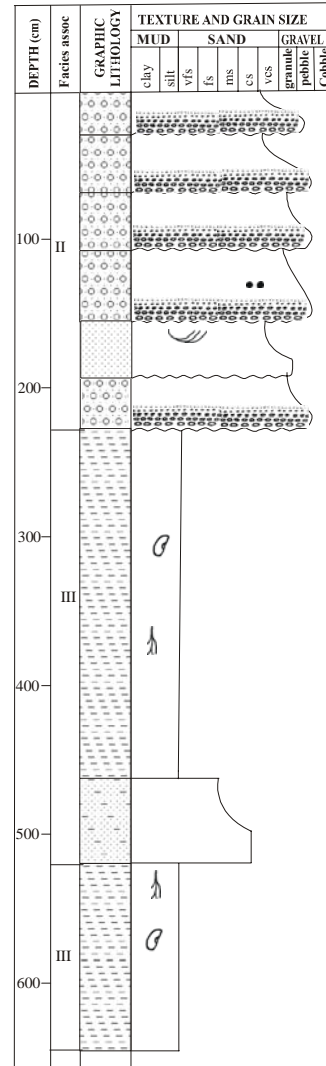
SECTION NO: G18  
SCALE 1:30



SECTION NO: G4  
SCALE 1:30



SECTION NO: G13  
SCALE 1:30



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(Gms)	(I)	(Sms)
	(II)	
	(St) (Gt) (Gp) (Gm)	
	(St)	
(3D)		
(Fm)	(III)	(Fsc)
(Sm)	(IV)	
	(Sm)	(Fl)
(Fl)		

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