




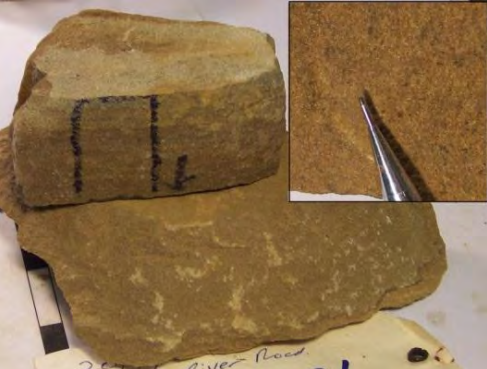


**Supplementary Table 2 - Sample descriptions and photos**

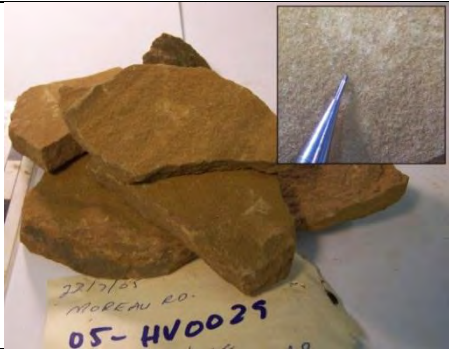




Vincent, H., Wach, G. Wach., Kettanah, Y., Heavy mineral record of Andean uplift and changing sediment sources across the northeastern margin of South America; a case study from Trinidad and Barbados.

Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV6017, Puerto Grande Bay	Very fine grained, trough cross bedded sand with scattered organic fragments; bioturbated; thickening-upward parasequence capped by lignite.		
HV6039, Bonasse	2.6m parallel laminated very fine sand with silt drapes. Beds typically 5-6 cm thickness.		
HV6040, Bonasse	32m low angle cross stratified sandstone beds with areas of crested and rounded symmetrical ripples. Swaley cross stratified, rare hummocks. Rare to common traces of low diversity (Ophiomorpha, Skolithos).		



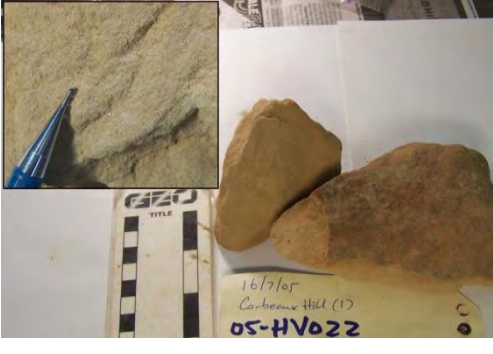


**Supplementary Table 2 - Sample descriptions and photos**

Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV5032, Moreau Road, Moruga	Thin section: fU to fL sst. Well cmt/ well consolidated. Greyish green colour. Abundant micas and specs of red-coloured mineral (?). Light fizz, calcareous.	 <p style="text-align: center;">Rock is ~ 1.5m wide</p>	
HV5026, Rock River Road	Fine grained well sorted sandstone. Grey; speckled? Well consolidated, calcareous (vigorous fizz). Common opaques; speckled. Fe staining imparts a rust brown colour, otherwise grey.	n/a – spot sample	



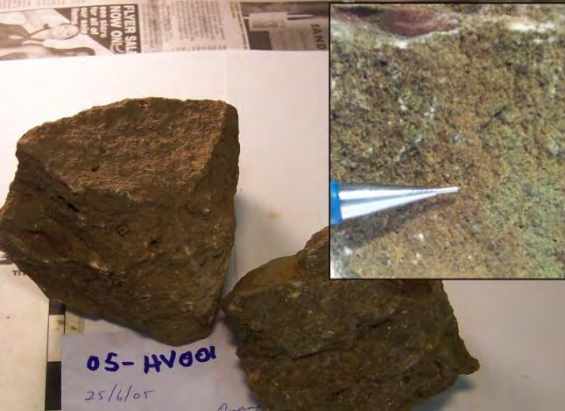
Supplementary Table 2 - Sample descriptions and photos

Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV5029, Moreau Road		n/a – spot sample	
HV5018, Plum Mitan	fU to fL sandstone; very well sorted, well consolidated. Brown to yellow in colour. Abundant mica and opaque minerals give speckled appearance to sample.		
HV5007 Esmeralda/ Mapepire Junction	25cm thick bed is upward massive to parallel laminated. Rare ?trace fossil (linear, worm-like trace). Sst grey, fine-lower grain size, very well sorted and well consolidated.		

**Supplementary Table 2 - Sample descriptions and photos**

Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV5009 Kelly Hill	Fine lower grain size, moderately to well sorted sst; Well consolidated, though signs of weathering. Micaceous, non-calcareous.	n/a – spot sample	
HV5022 Corbeaux Hill			
HV5023 Sandstone Trace	vcU, poorly sorted sandstone with a fine sand matrix. Coarser grains sub angular. Quartz rich; friable/ weathered, loosely consolidated		





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Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
AS 1.9, Kairi 1 well	Thin section: Coarse sand up to 1.2 mm, poorly sorted (bi-modal) , dominantly monocrystalline quartz. Lithic fragments include sandstone, carbonate, metamorphic, bioclasts with accessory glauconite, opaques and zircon. Ferruginous cement.	n/a – well sample	
HV5001 Bon Aventure, Pointe a Pierre.	Pebbly conglomerate. Dominantly vcU grains within medium (mL-mU) matrix. Pebble sized reddish clasts. Poorly srt; very well cmt; non calcareous.		







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Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV7039 Soldado Rock	Fine to medium grained sandstone; moderately sorted.		
HV5006 Caratal Road Gasparillo	vcU to granular poorly sorted sst. Partially weathered. Abundant quartz grains. Silty matrix. Grains dom. Sub rounded with planar faces recognizable. Non calcareous.		
HV5012 Tabaquite sawmill, Tabaquite	Dominantly cU to cL sandstone; poorly sorted, very well consolidated; abundant quartz; white/cream in colour.		

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HV5013 Allen Road, Tabaquite	vcU - cU grained quartz-rich sandstone; sub angular - sub rounded. Very well consolidated. Common opaques. Moderately well sorted though this may be apparent due to common cement around grains.		
HV5046 Fabien Road quarry, Gasparillo	vcL with occasional vcU sst. Moderate sorting. Cream/white in colour; well indurated, non calcareous.		

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Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV6029 Chaudiere River, Cunapo Southern road	fU to mL sandstone. Well indurated; non calcareous; moderate sorting.		
HV5044 Forest Park, "Growing Rock", Cunapo Southern road	vcU poorly sorted sst. Subangular quartz grains in silty matrix; non calcareous. Friable.		
HV5049	Granular to vcU, very poorly sorted sandstone with a silty matrix. Friable; clast-supported, mod well consolidated. Sub angular quartz grains		



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Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
<b>BARBADOS SAMPLES</b>			
BD 1	Max vcU in a very fine sandy matrix. Bi-modal. Non calcareous. Cream in colour.		
HV6007	Pebble conglomerate. Dominantly granule sized grains with common pebbles and Lithic clasts. Fine sandy matrix. Clast supported.		

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Sample number & location	Outcrop or hand specimen description	Outcrop photo	Sample Photo
HV6008	Very poorly sorted, up to granule sized quartz grains. Typically vcU-L. fU sandy matrix.		
HV6009	Sandstone up to vcL quartz grains. Very poorly sorted. Matrix Fu-FI. Matrix supported. Cream, buff weathered colour. Non calcareous.	