

THE DIVERSION OF UP-SLOPE STORMWATER AROUND STOCKPILES IS RECOMMENDED DURING THOSE PERIODS WHEN RAINFALL IS POSSIBLE, THE UP-SLOPE CATCHMENT AREA EXCEEDS 1500m<sup>2</sup>, AND THE AVERAGE MONTHLY RAINFALL EXCEEDS 45mm.

### PROTECTION OF SAND AND SOIL STOCKPILES FROM WIND & RAINFALL

MATERIAL	STOCKPILE COVER (REFER NOTE 1)	COMMENTS
SAND	NO COVER	- WHEN WIND EROSION AND DUST CONTROL IS NOT AN ISSUE.
	SYNTHETIC COVER, POROUS OR NOT POROUS	- WHEN THE CONTROL OF WIND EROSION IS ESSENTIAL FOR REASONS OF SAFETY.
SOIL	NO COVER	- WHEN WIND EROSION AND DUST CONTROL ARE NOT AN ISSUE.
	MULCHING, VEGETATIVE COVER, CHEMICAL STABILISERS, SOIL BINDERS, OR IMPERVIOUS BLANKET (REFER NOTE 2)	- LONG-TERM (>28 DAYS) STOCKPILING OF DISPERSIVE SOILS.
		- LONG-TERM (>28 DAYS) STOCKPILES OF LAYEY SOILS WHEN TURBIDITY CONTROL IS DESIRABLE.
		- LONG-TERM (>5/10 DAYS) SOIL STOCKPILES DURING MONTHS OF EXTREME/HIGH EROSION RISK.
- SHORT AND LONG-TERM STOCKPILES OF CLAYEY SOILS WHEN TURBIDITY CONTROL IS ESSENTIAL.		

**NOTE 1 :** APPLICABLE ONLY WHEN DISPLACEMENT OF THE STOCKPOILES MATERIAL HAS THE POTENTIAL TO CAUSE ENVIRONMENTAL HARM. THE PRACTICE OF COVERING STOCKPILES MAY NEED TO BE MODIFIED IF THEFT OR DAMAGE TO COVERS BECOMES EXCESSIVE.

**NOTE 2 :** MULCHING IS NORMALLY APPLIED AT THE FIRST OPPORTUNITY THAT MULCH OR HYDROMULCH CAN BE INTRODUCED TO THE SITE. MINIMUM 70% COVER IS REQUIRED FOR BOTH MULCH AND VEGETATIVE COVERS. THOUGH STILL DESIRABLE, A COVER MAY NOT BE REQUIRED IF RUNOFF FROM THE STOCKPILE IS DIRECTED TO A TYPE 1 SEDIMENT TRAP.

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The content of this standard drawing has been extracted from the "Erosion & Sediment Control - A Field Guide for Construction Site Managers" (Feb 2010)

AMENDMENTS AND REVISIONS

DRAWN	SIGNED	DATE
F. KROLL	<i>F. Kroll</i>	8/8/11
DESIGNED	SIGNED	DATE
PDL	<i>PDL</i>	12/14/11
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MANAGER TECHNICAL SERVICES		
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STANDARD  
STOCKPILE MANAGEMENT  
PROTECTION FROM WIND & RAINFALL

DATE 13.12.11