

Exhibit TJFA 431

TABLE 1 – Shear Strengths Used In Geotechnical Stability Analyses in ACL Amendment Application

Material/ Interface	Appendix C.2 Sideslope Liner (page 991)		Appendix C.3 Interior Waste Slope (page 995)		Appendix C.4 Final Configuration (page 1028)		Appendix C.5 Final Cover (page 1052)		Appendix C.6 Piggyback Waste Slope (page 1055)		Appendix C.7 Piggyback Liner (page 1076)	
	Ø (degrees)	c (psf)	Ø (degrees)	c (psf)	Ø (degrees)	c (psf)	Ø (degrees)	c (psf)	Ø (degrees)	c (psf)	Ø (degrees)	C (psf)
protective cover (soil)	28	0	28	0	28	0	28	0	NA	NA	28	0
Cover soil/ geocomposite interface (F) (S)	28	0	30	0	30	0	30	0	NA	NA	28	0
geotextile /geonet interface (F)	NA	NA	9	0	9	0	NA	NA	NA	NA	NA	NA
geocomposite / textured geomembrane interface (S)	28	0	21	0	21	0	21	0	NA	NA	28	0
geonet / smooth geomembrane interface (F)	NA	NA	8	0	8	0	NA	NA	NA	NA	NA	NA
textured geomembrane / clay liner interface (S)	33	0	21.5	0	21.5	0	24	0	NA	NA	33	0
Smooth geomembrane / clay liner interface (F)	NA	NA	13	100	13	100	NA	NA	NA	NA	NA	NA
clay liner	30	0	NA	NA	NA	NA	NA	NA	28	0	30	0
(S) denotes sidewall or slope (F) denotes floor or bottom												