

**Western
Technologies
Inc.**

The Quality People
Since 1955

3737 East Broadway Road
Phoenix, Arizona 85040-2966
(602) 437-3737 • fax 470-1341

LABORATORY REPORT

RECEIVED

SEP 04 1998

GRANITE CONSTRUCTION CO.
SAN JOSE BRANCH

Date of Report 9-2-98
Job No. 2140JG328

Event / Invoice No. Q329-01

Authorized By GCC/MCMINN

Sampled By NOT PROVIDED

Submitted By GCC/MCMINN

Lab No. 1

Date 8-21-98

Date

Date 8-26-98

Location LIVERMORE, CA

Arch./Engr. --

Supplier/Source --

Source / Location Desig. By --

Date --

Client GRANITE CONSTRUCTION COMPANY
SAN JOSE BRANCH
120 GRANITE ROCK WAY
SAN JOSE CA 95136

Project LIVERMORE AIRPORT
Contractor GRANITE CONSTRUCTION CO
Type / Use of Material COAL-TAR/SEAL REJUVENATOR
Sample Source / Location RUNWAY & HANGAR
Reference: P O 2192385
Special Instructions:

TEST RESULTS

PROPERTIES OF ASPHALT RECOVERED BY THE ABSON METHOD

Runway			
	Untreated	Treated	Change
Cores (upper 3/8 in.)	1A,B,C,D	2A,B,C,D	
Viscosity @ 140F, poises	75,200	20,800	-72%
Ductility @ 77F, cm	0.4*	100+	Greater Than 100%
Hangar			
	Untreated	Treated	Change
Cores (upper 3/8 in.)	3A,B,C,D	4A,B,C,D	
Viscosity @ 140F, poises	95,500	31,600	-67%
Ductility @ 77F, cm	7.3	19.7	+170%

* Specimen failed at support near the start of the test
Asphalt recovered in accordance with ASTM D1856
Viscosity tested in accordance with ASTM D2171
Ductility tested in accordance with ASTM D113

Copies To: CLIENT (1)

LABORATORY TEST RESULTS REPORTED HEREIN APPLY ONLY TO THE SPECIFIC SAMPLE ON WHICH THE TEST WAS RUN. THE ABOVE SERVICE AND REPORT WERE PERFORMED PURSUANT TO THE TERMS AND CONDITIONS OF THE CONTRACT BETWEEN WESTERN TECHNOLOGIES AND CLIENT. WESTERN TECHNOLOGIES MAKES NO REPRESENTATION, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OR APPLICABILITY OF TESTING FACILITIES, NO OTHER WARRANTY, GUARANTEE, OR REPRESENTATION.

REVIEWED BY

[Signature]

11/05/00 05:11