## 調査団派遣までの現地状況

- ・地震翌日からのニュージーランド内での報道
- ・ニュージーランドにおける過去の液 状化発生履歴
- ・地震直後における調査団派遣前の現地調査

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(Sunday Star Times, Sept.5)

misses.
In central Christchurch the streets were at a virtual standstill by 7.30am and curious residents ventured out to

A couple of kilometres away in the riverside suburb of Avonside, motorists had to negotiate large cracks that had appeared in the roadway, while in the seastde suburb of New Brighton petrol station owner Sam Park arrived at work to discover his forecourt had been ruised like a deck of cards and sewage and water was spilling on to the street.

and water was spilling on to the street.

Damaged water and sewer pipes
caused surface flooding in isolated
pockets throughout the eastern city.

said Park. "It's unbellevable."
Disbelled also showed on the faces
Kaiapoi residents, who emerged fro
their homes to di
cover whole sec
ions of their tow
covered in a stick
studge. The oi

d in my swing bridge across the Kaiapoi River had concertina-ed and mud swamped cars and houses, leaving realizations.

clean-up operation the prospect of days without water. ligel Smith spent the morning using four-wheel drive to pull stuck cars

"Something like this brings people together," he said as he pulled another car from its muddy resting ground. 地震翌々日の新聞 (The New Zealand Herald, Sept.6)



IIG JOB: Annette Preen stands inside the garage at her destroyed home in the hristchurch suburb of Bexley.  ${\tt PROTURE/GREG BOWKER}$ 

All non-essential procedures at Christurch Hospital have been cancelled, as have ry trials due to start today.

gress inspecting about 500 damaged building Civil Defence officials are urging visit to stay away for at least a week, unless ab

One Kalapol resident said a constant flor of sightseers was distressing residents, an ursed people to stay away.

Most public buildings and schools remai of limits for at least the next two days, unde the Civil Defence Act. A curfew is in place ! Christchurch from 7pm to 7am, and polic said the central city was still dangerous.

The weather seems likely to add to the mi ery. The MetService predicted winds of up 130km/h would hit many parts of Canterbur Those winds are expected to be replaced late

The rain may well force further evacuations, especially of residents near the Walmakariri River, where stopbanks were

waimakariri Kiver, where stoppaniss wer badly damaged by the quake. Civil Defence Minister John Carter sai safety was the most important factor for eme gency staff, who were contacting elder!

gency staff, who were contacting elderly people to ensure they were being looked after. "We are aware that there could be significant rain up in the Alps and that the [Walmakariri] River may swell over the next couple of days."

to rebuild the stopbanks and set up an evacuation plan should it be needed.

If people were evacuated, they would probably go to welfare centres set up around the region to help hundreds whose homes are too damaged to stay in.

Continued on A2



(The New Zealand Herald, Sept.6)



it to jumping on wet sand at the beach
— it soon turns to a murky soup.
Professor Michael Pender from the

University of Auckland geology department said the Canterbury quake was one of the most significant cases of

liquefaction in New Zealand history. He said the process could affect any town or city near a river, estuary or coastline. Auckland's waterfront, built on reclaimed land from the Ferry Building up to Shortland St, would be very vulnerable to large tremors.

the quicksand-like effect. Much of this In what's known as liquefaction, damage was superficial rather than Christchurch's sandy soil was shaken structural. But in Bexley, a 5-year-old violently, causing water to rise subdivision near New Brighton, at through its pores. Scientists compared least 100 new homes were left it to impring on water sand at the beach uninhabitable after silt, sewage and grey sludge cracked the road and squeezed through floorboards.

> Homes in Kaiapoi, near the Waimakariri River, were also reported to have sunk into the soil.

(The New Zealand Herald, Sept.7)





















