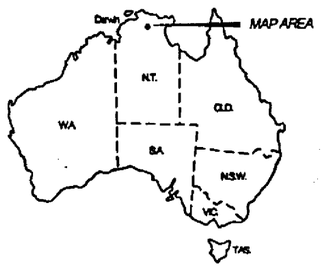
317 500mE
8 530 500mN
318 000mE
318 500mE
8 530 000mN
8 529 500mN
317 500mE
318 000mE
318 500mE

N

LOCATION MAP



LEGEND

geological boundary

fracture

major fracture trend

inferred fault (radiometrics)

vein quartz, drusy quartz

breccia

radiometrics >1000cps (EDA)

U secondary Uranium minerals

g undifferentiated sandstone
gc conglomeratic sandstone, med. grained sandstone
gf ferruginous sandstone (Gilruth Member?)
gt trough x-bedded sandstone
gm medium grained massive sandstone
gpu laminated x-bedded sandstone
gpm massive sandstone lens
gpl ripple marked x-bedded sandstone

20 0 20 40 60 80 100
metres

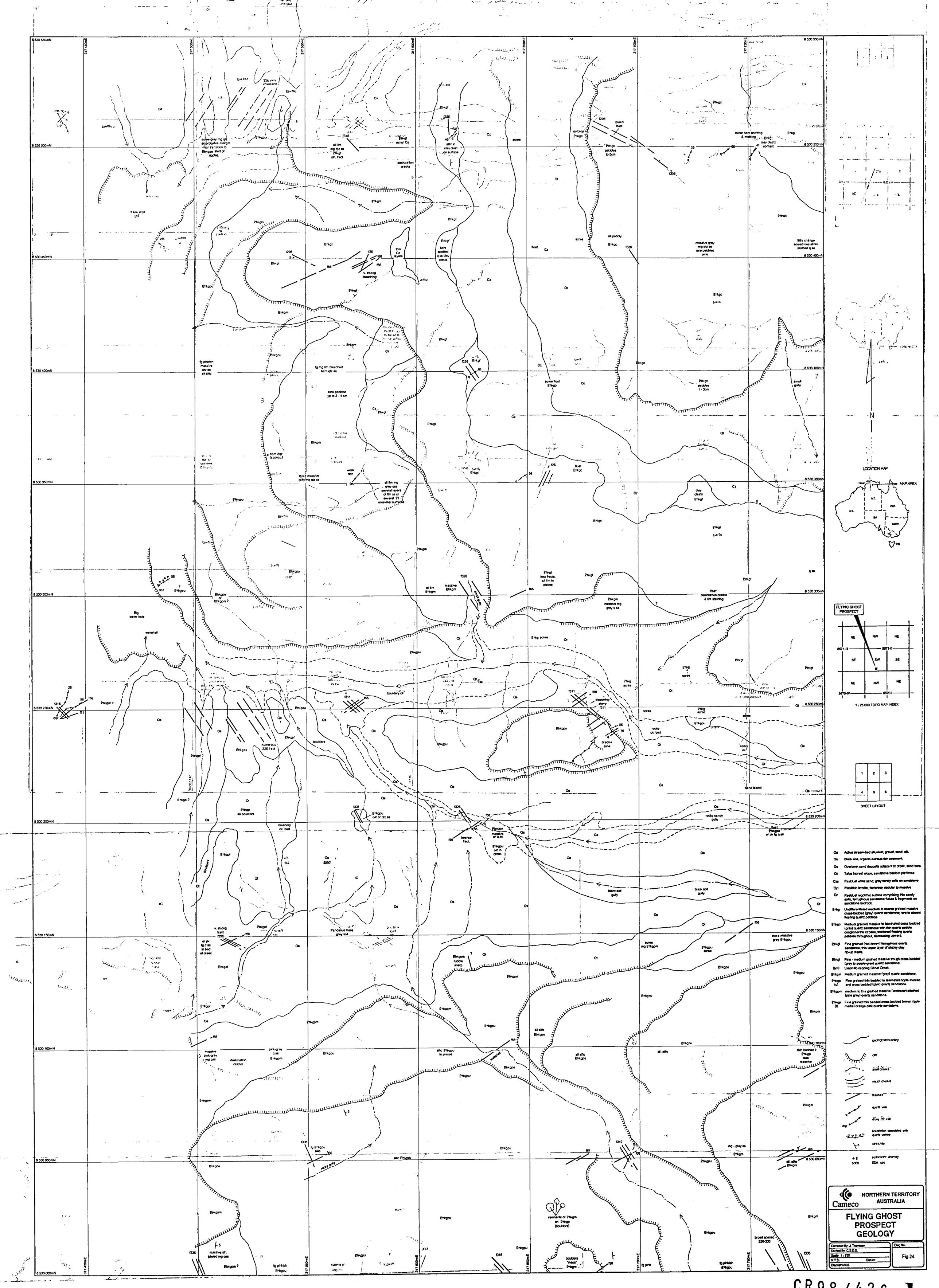
Cameco

NORTHERN TERRITORY AUSTRALIA

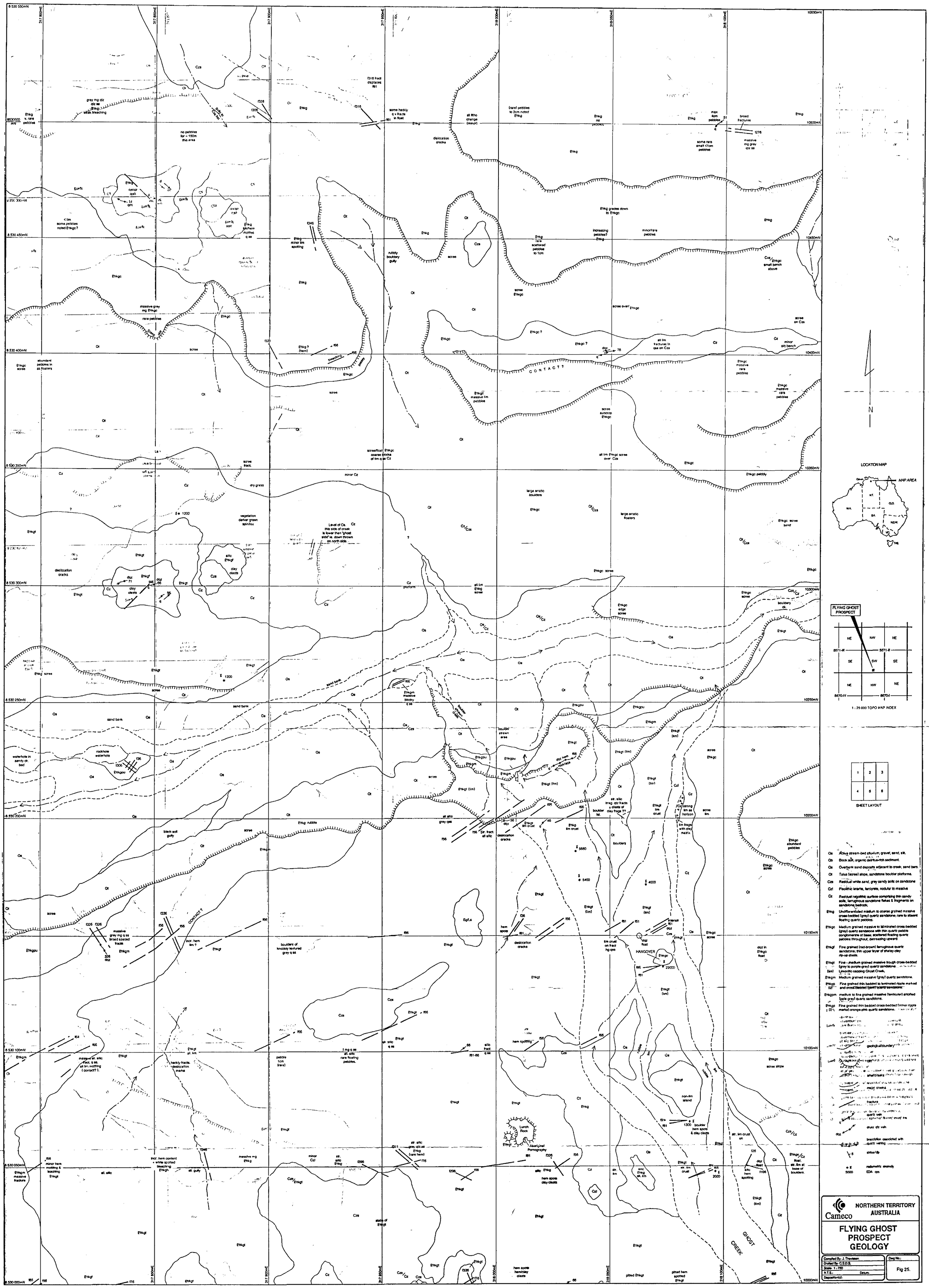
FLYING GHOST PROSPECT STRUCTURAL INTERPRETATION SOLID GEOLOGY

Compiled By: J. Thevissen	Dwg No.:
Drafted By: C.S.D.S.	
Scale: 1 : 2500	Fig 23.
N.T.S.: Datum:	
Disposition(s):	

CR90/426


LOCATION MAP
MAP AREA
N.T.
QLD
W.A.
S.A.
N.S.W.
VIC.
TAS.
FLYING GHOST PROSPECT
1 : 25 000 TOPO MAP INDEX
SHEET LAYOUT
Qa Active stream-bed alluvium; gravel, sand, silt.
Qb Black soil; organic detritus-rich sediment.
Qs Overbank sand deposits adjacent to creek, sand bars.
Qt Talus (scree) slope, sandstone boulder platforms.
Czs Residual white sand, grey sandy soils on sandstone
Czl Pisolithic laterite, ferricrete; nodular to massive
Cz Residual regolithic surface comprising thin sandy soils, ferruginous sandstone flakes & fragments on sandstone bedrock.
Ethkg Undifferentiated medium to coarse grained massive cross-bedded (grey) quartz sandstone; rare to absent floating quartz pebbles.
Ethkgc Medium grained massive to laminated cross-bedded (grey) quartz sandstone with thin quartz pebble conglomerate at base, scattered floating quartz pebbles throughout, decreasing upward.
Ethkgf Fine grained (red-brown) ferruginous quartz sandstone; thin upper layer of shaley-clay rip-up clasts.
Ethkgt Fine - medium grained massive trough cross-bedded (grey to purple-grey) quartz sandstone.
(lim) Limonitic capping Ghost Creek.
Ethkgm Medium grained massive (grey) quartz sandstone.
Ethkgp (u) Fine grained thin bedded to laminated ripple marked and cross-bedded (pink) quartz sandstone.
Ethkgpm medium to fine grained massive (lenticular) silicified (pale grey) quartz sandstone.
Ethkgp (l) Fine grained thin bedded cross-bedded (minor ripple marks) orange-pink quartz sandstone.
geological boundary
cliff
small creeks
major creeks
fracture
quartz vein
drusy qtz vein
brecciation associated with quartz veining
strike/dip
radiometric anomaly
EDA cps
Cameco
NORTHERN TERRITORY AUSTRALIA
FLYING GHOST PROSPECT GEOLOGY
Compiled By: J. Trevilsen
Drafted By: C.S.D.S.
Scale: 1 : 750
N.T.S.: Datum:
Description(s):
Dwg No.: Fig 24.

CR98/426


FLYING GHOST PROSPECT GEOLOGY
NORTHERN TERRITORY AUSTRALIA
Cameco
Compiled By: J. Thevissen
Drafted By: C.S.D.S.
Scale: 1 : 750
Fig 25.
LOCATION MAP
MAP AREA
FLYING GHOST PROSPECT
1 : 25 000 TOPO MAP INDEX
SHEET LAYOUT
CONTACT ?
HANGOVER
GHOST CREEK
Lunch Rock
Aboriginal Pornography
Qa Active stream-bed alluvium; gravel, sand, silt.
Qb Black soil; organic detritus-rich sediment.
Qs Overbank sand deposits adjacent to creek, sand bars.
Qt Talus (scree) slope, sandstone boulder platforms.
Czs Residual white sand, grey sandy soils on sandstone
Czl Pisolithic laterite, ferricrete, nodular to massive
Cz Residual regolithic surface comprising thin sandy soils, ferruginous sandstone flakes & fragments on sandstone bedrock.
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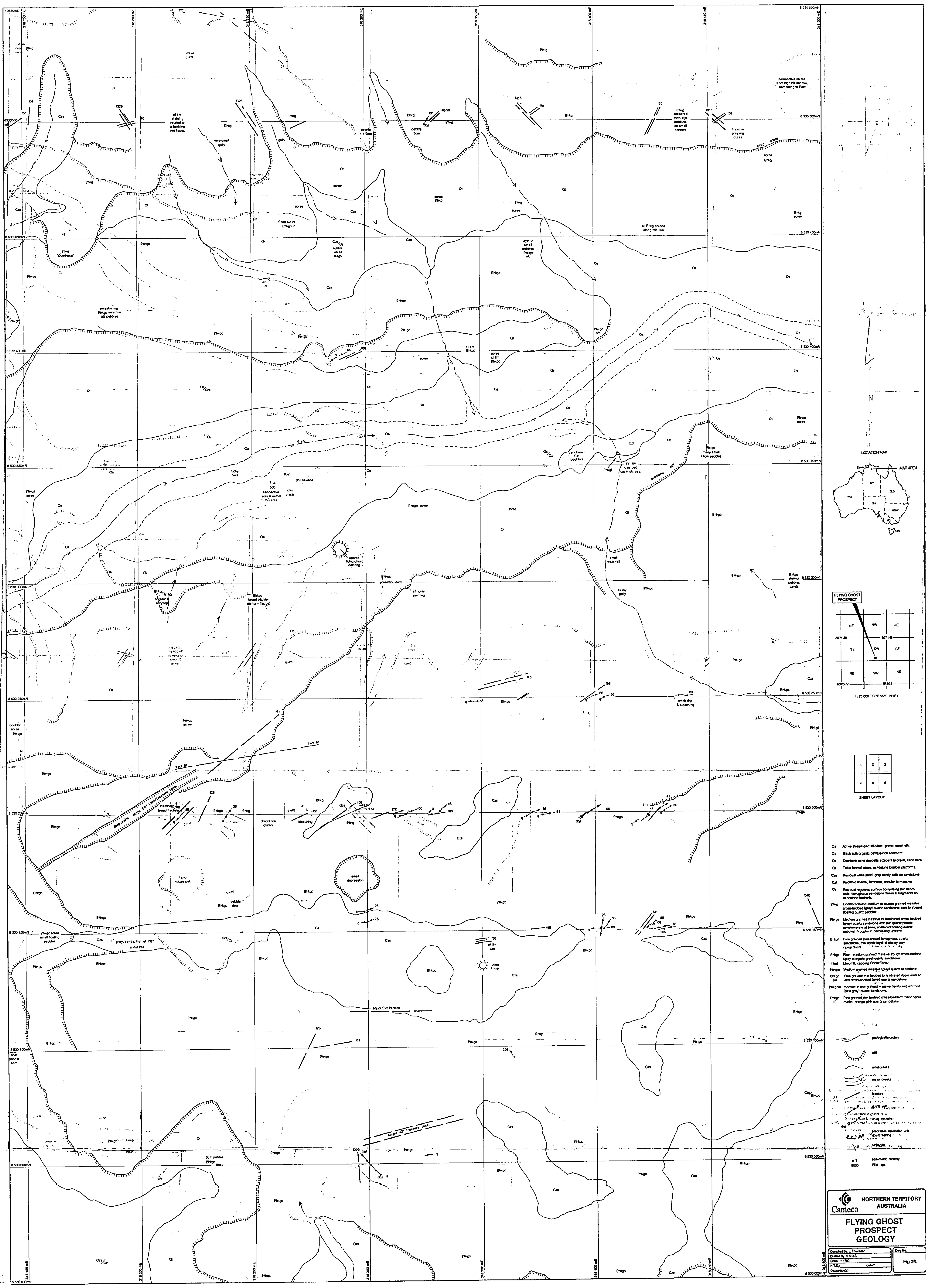
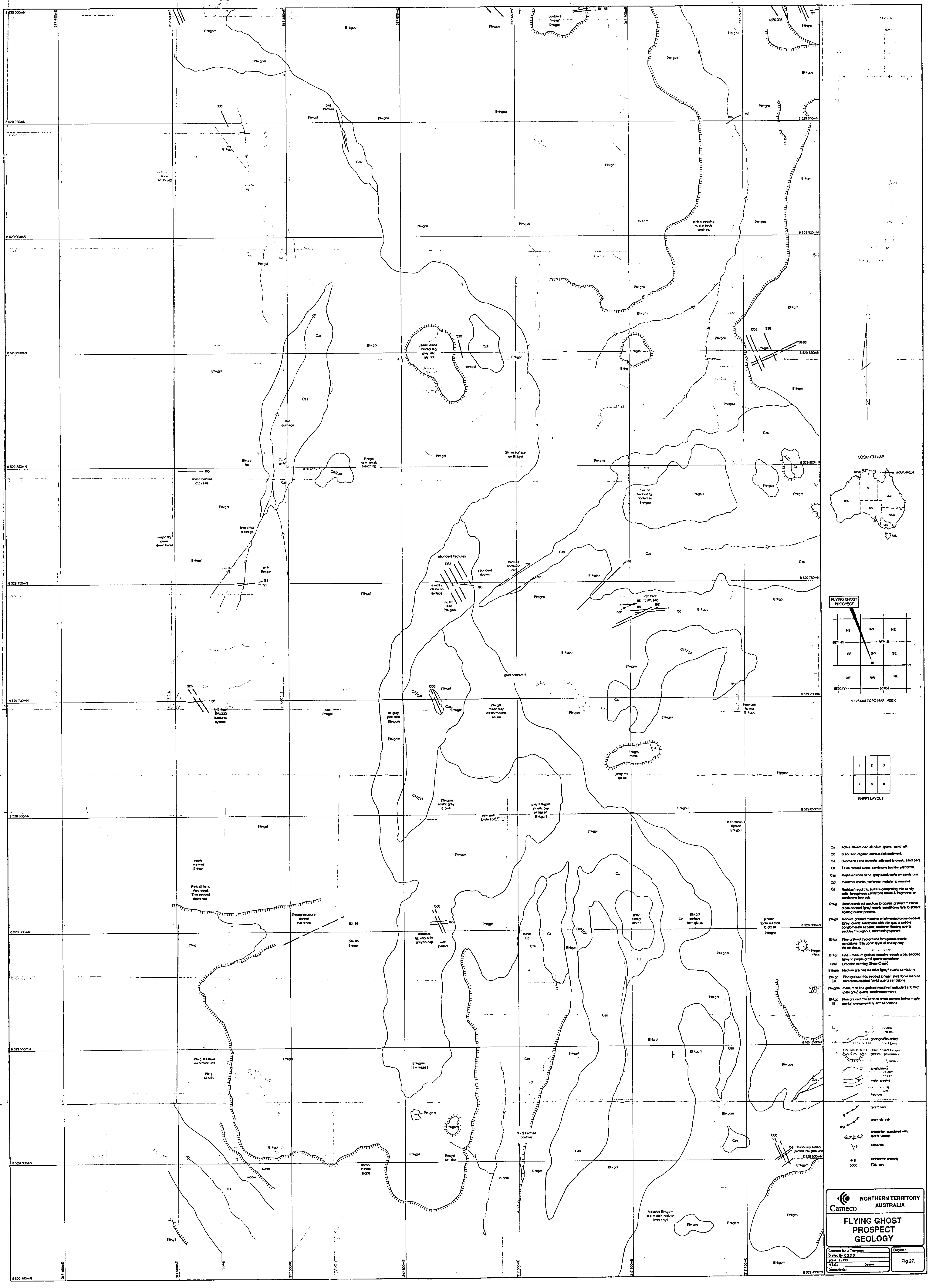
Ethkgt Fine - medium grained massive trough cross-bedded (grey to purple-grey) quartz sandstone.
(lim) Limonitic capping Ghost Creek.
Ethkgm Medium grained massive (grey) quartz sandstone.
Ethkgp (ll) Fine grained thin bedded to laminated ripple marked and cross-bedded (pink) quartz sandstone.
Ethkgpm medium to fine grained massive (lenticular) silicified (pale grey) quartz sandstone.
Ethkgp (ll) Fine grained thin bedded cross-bedded (minor ripple marks) orange-pink quartz sandstone.
geological boundary
shell breaks
major creeks
fracture
drusy qtz veh
brecciation associated with quartz veining
strike/dip
radiometric anomaly
EDA cps

CR98/426



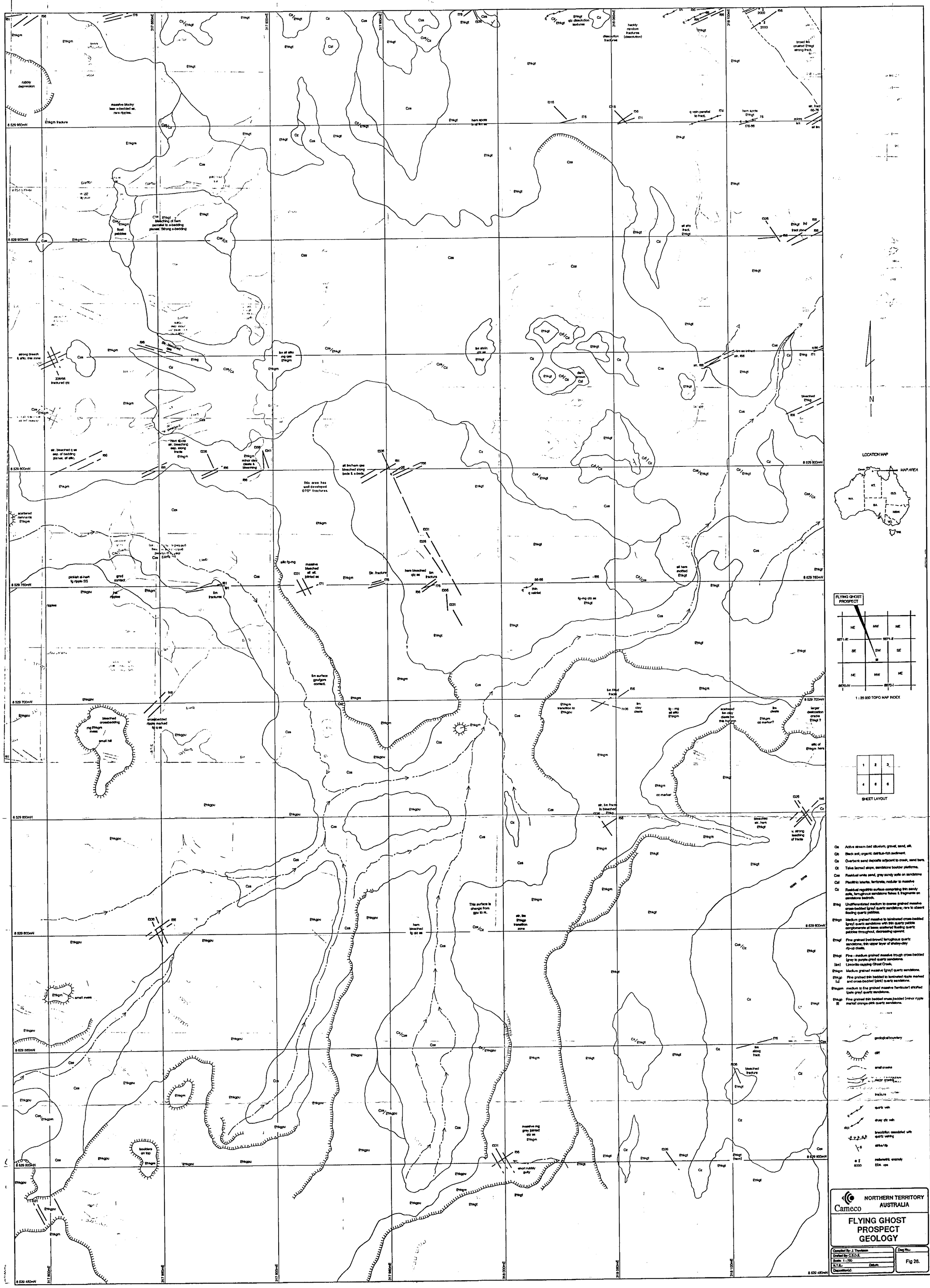
NORTHERN TERRITORY AUSTRALIA
Cameco
FLYING GHOST PROSPECT GEOLOGY
Compiled By: J. Thevissen
Drafted By: C.S.D.S.
Scale: 1 : 750
N.T.S.:
Datum:
Deposition(s):
Dwg No.:
Fig 26.
Qa Active stream-bed alluvium; gravel, sand, silt.
Qb Black soil; organic detritus-rich sediment.
Os Overbank sand deposits adjacent to creek, sand bars.
Qt Talus (scree) slope, sandstone boulder platforms.
Czs Residual white sand, grey sandy soils on sandstone
Czl Pisolithic laterite, ferricrete; nodular to massive
Cz Residual regolithic surface comprising thin sandy soils, ferruginous sandstone flakes & fragments on sandstone bedrock.
Ƥhkg Undifferentiated medium to coarse grained massive cross-bedded (grey) quartz sandstone; rare to absent floating quartz pebbles.
Ƥhkgc Medium grained massive to laminated cross-bedded (grey) quartz sandstone with thin quartz pebble conglomerate at base; scattered floating quartz pebbles throughout, decreasing upward.
Ƥhkgf Fine grained (red-brown) ferruginous quartz sandstone; thin upper layer of shaley-clay rip-up clasts.
Ƥhkgt Fine - medium grained massive trough cross-bedded (grey to purple-grey) quartz sandstone.
(lim) Limonitic capping Ghost Creek.
Ƥhkgm Medium grained massive (grey) quartz sandstone.
Ƥhkgp (u) Fine grained thin bedded to laminated ripple marked and cross-bedded (pink) quartz sandstone.
Ƥhkgpm medium to fine grained massive (lenticular) silicified (pale grey) quartz sandstone.
Ƥhkgp (l) Fine grained thin bedded cross-bedded (minor ripple marks) orange-pink quartz sandstone.
geological boundary
cliff
small creeks
major creeks
fracture
quartz vein
drusy qtz-veins
dqz
brecciation associated with quartz veining
strike/dip
radiometric anomaly
5000 EDA cps
LOCATION MAP
MAP AREA
N.T.
QLD
WA
SA
N.S.W.
VIC
TAS
N
FLYING GHOST PROSPECT
NE
NW
SE
SW
5571-III
5571-II
5570-IV
5570-I
1 : 25 000 TOPO MAP INDEX
SHEET LAYOUT
approx flying ghost painting
stingray painting
Major 60° joint/fracture zone
deep ravine
Major EW fracture
Major 80° fracture zone.
small depression
giant anthill
radioactive soils & anthill this area
perspective on dip from high hill shallow, undulating to East
all Ƥhkg scree along this line
rocky gully
small waterfall
overhang cliff
dark brown Czl boulders

CR98/426



NORTHERN TERRITORY AUSTRALIA
Cameco
FLYING GHOST PROSPECT GEOLOGY
Compiled By: J. Trevisson
Drafted By: C.S.D.S.
Scale: 1 : 750
N.T.S.:
Datum:
Disposition(s):
Dwg No.:
Fig 27.
LOCATION MAP
MAP AREA
Darwin
NT
QLD
WA
SA
NSW
VIC
TAS
FLYING GHOST PROSPECT
NE
NW
NE
5571-III
5571-II
SE
SW
SE
NE
NW
NE
5570-IV
5570-I
1 : 25 000 TOPO MAP INDEX
1
2
3
4
5
6
SHEET LAYOUT
N
Qa Active stream-bed alluvium; gravel, sand, silt.
Qb Black soil; organic detritus-rich sediment.
Qs Overbank sand deposits adjacent to creek, sand bars.
Qt Talus (scree) slope, sandstone boulder platforms.
Czs Residual white sand, grey sandy soils on sandstone
Czl Pisolithic laterite, ferricrete; nodular to massive
Cz Residual regolithic surface comprising thin sandy soils, ferruginous sandstone flakes & fragments on sandstone bedrock.
Ƥhkg Undifferentiated medium to coarse grained massive cross-bedded (grey) quartz sandstone; rare to absent floating quartz pebbles.
Ƥhkgo Medium grained massive to laminated cross-bedded (grey) quartz sandstone with thin quartz pebble conglomerate at base; scattered floating quartz pebbles throughout, decreasing upward.
Ƥhkgf Fine grained (red-brown) ferruginous quartz sandstone; thin upper layer of shaley-clay rip-up clasts.
Ƥhkgt Fine - medium grained massive trough cross-bedded (grey to purple-grey) quartz sandstone.
(lim) Limonitic capping Ghost Creek
Ƥhkgm Medium grained massive (grey) quartz sandstone.
Ƥhkgp (u) Fine grained thin bedded to laminated ripple marked and cross-bedded (pink) quartz sandstone.
Ƥhkgpm medium to fine grained massive (lenticular) silicified (pale grey) quartz sandstone
Ƥhkgp (l) Fine grained thin bedded cross-bedded (minor ripple marks) orange-pink quartz sandstone.
geological boundary
small creeks
major creeks
fracture
quartz vein
drusy qtz vein
brecciation associated with quartz veining
strike/dip
radiometric anomaly
5000 EDA cps
8 530 000mN
8 529 950mN
8 529 900mN
8 529 850mN
8 529 800mN
8 529 750mN
8 529 700mN
8 529 650mN
8 529 600mN
8 529 550mN
8 529 500mN
8 529 450mN
317 450mE
317 500mE
317 550mE
317 600mE
317 650mE
317 700mE
317 750mE
boulders "mesa" Ƥhkgm
f326-336
f81-86
small mesa blocky mg grey silic. qtz SS
f330
pink x-bedding v. thin beds laminae.
sli hem
flat drainage
Ƥhkgp lim
qtz in gully
pink Ƥhkgpl
Ƥhkgp hem, weak bleaching
some hairline qtz veins
broad flat drainage
major N/S creek down here!
Sli lim surface on Ƥhkgpl
pink tin bedded fg. rippled ss Ƥhkgpu
abundent fractures
f331
ex-clay clasts on surface
no lim silic Ƥhkgpm
abundent ripples
fracture controlled o/c
qtz fract. fg str. silic
grad contract ?
fg Ƥhkgpl EW/330 fractured system.
sli grey pink silic Ƥhkgpm
Ƥhkgpl minor clay clasts/moulds no lim
hem qss fg-mg Ƥhkgpu
Ƥhkgm mesa
grey mg qtz ss
Ƥhkgpm sl silic grey & pink
very well jointed o/c
grey Ƥhkgpm str silic cap on top of Ƥhkgpl ?
monotonous rippled Ƥhkgpu
ripple marked Ƥhkgpl
Pink sli hem. Very good. Thin bedded ripple qss.
Strong structure control this creek
f61-66
massive fg, very silic, greyish cap
well jointed
grey blocky jointed
Ƥhkgpl surface hem qtz ss
pinkish ripple marked fg qtz ss Ƥhkgpu
Ƥhkgm mesa
Ƥhkg massive lowermost unit
Ƥhkg sli silic
Ƥhkgpm (1m thick!)
N - S fracture controls
Ƥhkgpl str. silic
scree
rubble
scree/ rubble slope
Massive Ƥhkgpm is a middle horizon (thin only)
Massively blocky jointed Ƥhkgpm unit

CR98/426


N
LOCATION MAP
MAP AREA
FLYING GHOST PROSPECT
1 : 25 000 TOPO MAP INDEX
SHEET LAYOUT
Czs Active stream-bed alluvium; gravel, sand, silt.
Czb Black soil; organic detritus-rich sediment.
Czo Overbank sand deposits adjacent to creek, sand bars.
Czt Talus (scree) slope, sandstone boulder platforms.
Czs Residual white sand, grey sandy soils on sandstone
Czl Plasilthic laterite, ferricrete; nodular to massive
Cz Residual regolithic surface comprising thin sandy soils, ferruginous sandstone flakes & fragments on sandstone bedrock.
Ethg Undifferentiated medium to coarse grained massive cross-bedded (grey) quartz sandstone; rare to absent floating quartz pebbles.
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Ethgt Fine - medium grained massive trough cross-bedded (grey to purple-grey) quartz sandstone.
(lim) Limonite capping Ghost Creek.
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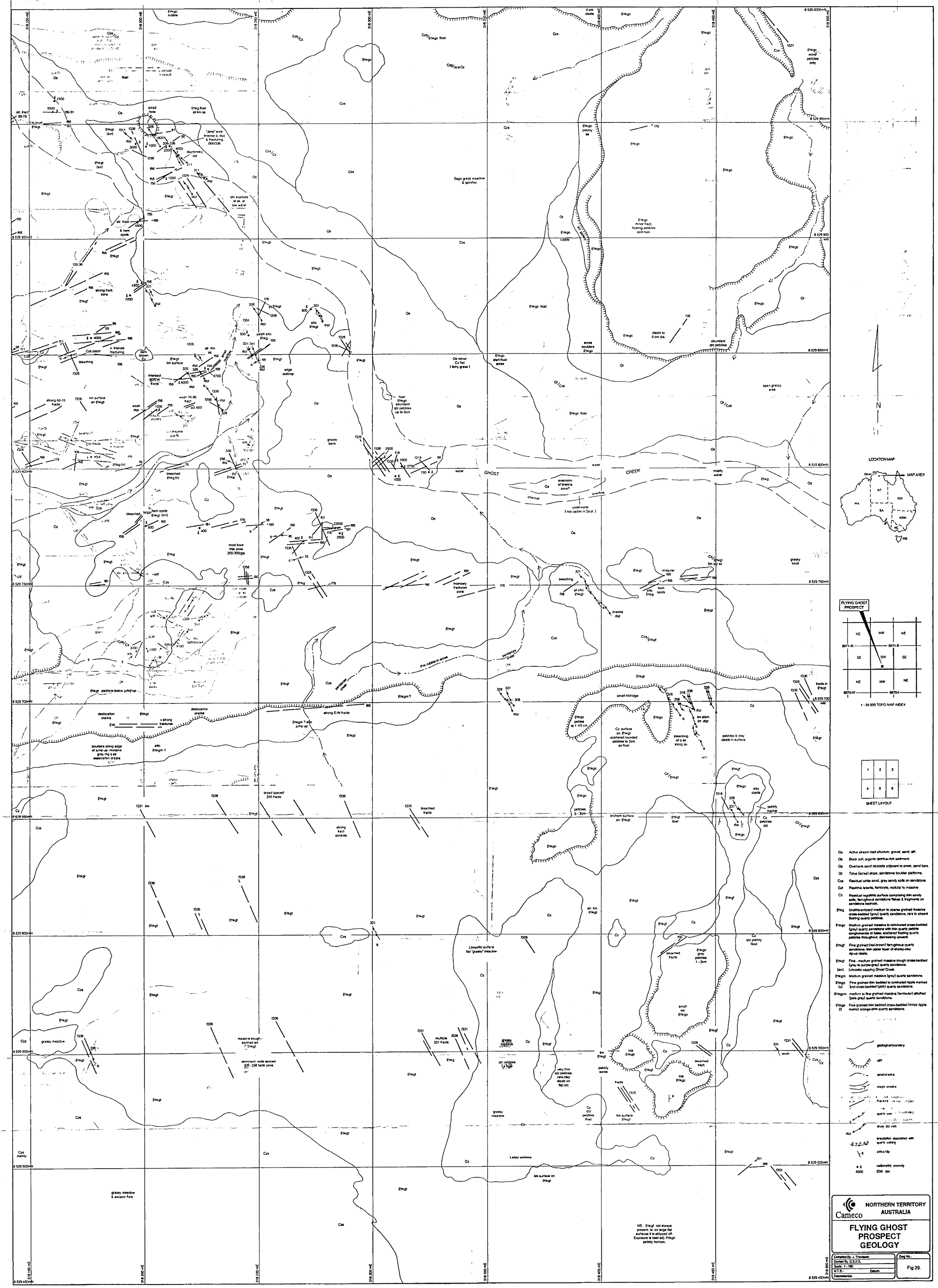
Ethgpm medium to fine grained massive (lenticular) silicified (pale grey) quartz sandstone.
Ethgp (l) Fine grained thin bedded cross-bedded (minor ripple marks) orange-pink quartz sandstone.
geological boundary
cliff
small creeks
major creeks
lineature
quartz vein
drusy qtz vein
brecciation associated with quartz veining
strike/dip
radiometric anomaly
6000 EDA cps
Cameco
NORTHERN TERRITORY AUSTRALIA
FLYING GHOST PROSPECT GEOLOGY
Compiled By: J. Thevissen
Drafted By: C.S.D.R.
Scale: 1 : 750
N.T.S.:
Datum:
Disposition(s):
Dwg No.:
Fig 28.

CR98/426


GHOST CREEK
LOCATION MAP
MAP AREA
FLYING GHOST PROSPECT
1 : 25 000 TOPO MAP INDEX
SHEET LAYOUT
Qa Active stream-bed alluvium; gravel, sand, silt.
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Ehkgp (l) Fine grained thin bedded cross-bedded (minor ripple marks) orange-pink quartz sandstone.
geological boundary
cliff
small creeks
major creeks
fracture
quartz vein
drusy qtz vein
brecciation associated with quartz veining
strike/dip
radiometric anomaly
EDA cps
NORTHERN TERRITORY AUSTRALIA
Cameco
FLYING GHOST PROSPECT GEOLOGY
Compiled By: J. Thevissen
Drafted By: C.S.D.S.
Scale: 1 : 750
N.T.S.:
Datum:
Depositional:
Dwg No.:
Fig 29.

CR98/426